Appendix D-2: Green River Ranch Specific Plan Amendment Health Risk Assessment

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Green River Ranch Specific Plan Amendment

SP00-001 AMENDMENT NO.1

HEALTH RISK ASSESSMENT

CITY OF CORONA

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LIST OF ABBREVIATED TERMS

(1)	Reference
µg	Microgram
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
APS	Auxiliary Power System
AQMD	Air Quality Management District
ARB	Air Resources Board
CEQA	California Environmental Quality Act
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EMFAC	Emission Factor Model
EPA	Environmental Protection Agency
HARP2	Hotspots Analysis and Reporting Program
HHD	Heavy Heavy-Duty
HI	Hazard Index
HRA	Health Risk Assessment
LHD	Light Heavy-Duty
MATES	Multiple Air Toxics Exposure Study
MEIR	Maximally Exposed Individual Receptor
MEISC	Maximally Exposed Individual School Child
MEIW	Maximally Exposed Individual Worker
MHD	Medium Heavy-Duty
MMBtu	Million British thermal units
NAD	North American Datum
OEHHA	Office of Environmental Health Hazard Assessment
PM_{10}	Particulate Matter 10 microns in diameter or less
Project	Green River Ranch Specific Plan Amendment
REL	Reference Exposure Level
RM	Recommended Measures
SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TA	Traffic Analysis
TRU	Transport Refrigeration Unit
URF	Unit Risk Factor
UTM	Universal Transverse Mercator

VMT	Vehicle Miles Traveled

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EXECUTIVE SUMMARY

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

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

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction DPM source emissions is Location R3 which is located approximately 246 feet east of Planning Areas 1, 2, and 3 and 465 feet northeast of Planning Area 5 at an existing residence located at 4341 San Viscaya Circle. R3 is placed at the private outdoor living area (backyard) facing the Project site. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project construction DPM source emissions is estimated at 4.03 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. 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. Location R3 is the nearest receptor and would experience the highest concentrations of DPM during Project construction due to meteorological conditions (wind speed and direction) in the Project vicinity. As such, all other receptors during construction activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project DPM source emissions is Location R3 which is located approximately 246 feet east of Planning Areas 1, 2, and 3 of the Project site at an existing residence located at 4341 San Viscaya Cir. Because there are no private outdoor living areas facing the Project site, R3 is placed at the building façade. At the MEIR, the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 1.38 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be 0.003, which would not exceed the applicable significance threshold of 1.0. Location R3 is the nearest receptor and would experience the highest concentrations of DPM during Project operation due to meteorological conditions (wind speed and direction) in the Project vicinity. As such, all other receptors would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

Worker Exposure Scenario[1]*:*

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is Location R8, which represents the adjacent potential worker receptor approximately 151 feet east of Planning Areas 1, 2, and 3 of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.17 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 0.004, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors would experience lower concentrations of DPM due to meteorological conditions (wind speed and direction) in the Project vicinity, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The nearest modeled receptors are illustrated on Exhibit 2-D.

School Child Exposure Scenario:

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

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

For purposes of this assessment, a one-quarter mile radius or 1,320 feet geographic scope is utilized for determining potential impacts to nearby schools. This radius is more robust than, and therefore provides a more health protective scenario for evaluation than the 1,000-foot impact radius identified above.

There are no schools located within a ¼ mile of the Project site and because there is no reasonable potential that TAC emissions would cause significant health impacts at distances of more than ¼ mile from the air pollution source, there would be no significant impacts that would occur to any schools in the vicinity of the Project.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction and operational DPM source emissions is Location R3. At the MEIR, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 5.41 in one million,

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.

which is less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be 0.003, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

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

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
1.63 Year Exposure	Maximum Exposed Sensitive Receptor	4.03	10	NO
Time Period	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Annual Average	Maximum Exposed Sensitive Receptor	<0.01	1.0	NO

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

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
30 Year Exposure	Maximum Exposed Sensitive Receptor	1.35	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor	0.17	10	NO
Time Period	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Annual Average	Maximum Exposed Sensitive Receptor	0.003	1.0	NO
Annual Average	Maximum Exposed Worker Receptor	0.004	1.0	NO

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

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
30 Year Exposure	Maximum Exposed Sensitive Receptor	5.41	10	NO
Time Period	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Annual Average	Maximum Exposed Sensitive Receptor	0.003	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 (2) and is comprised of all relevant and appropriate procedures presented by the United States Environmental Protection Agency (U.S. EPA), California EPA and SCAQMD. Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of ten (10) persons per million as the maximum acceptable incremental cancer risk due to TAC exposure from a project such as the proposed Project. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulatively considerable impact.

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

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

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

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

1.1 SITE LOCATION

The proposed Project is located at the southwest corner of Green River Road and Dominguez Ranch Road in the City of Corona. The Project site is bordered to the south by vacant land, to the east by residential uses, the west by open space, and to the north and west by California State Route (SR) 91.

1.2 PROJECT DESCRIPTION

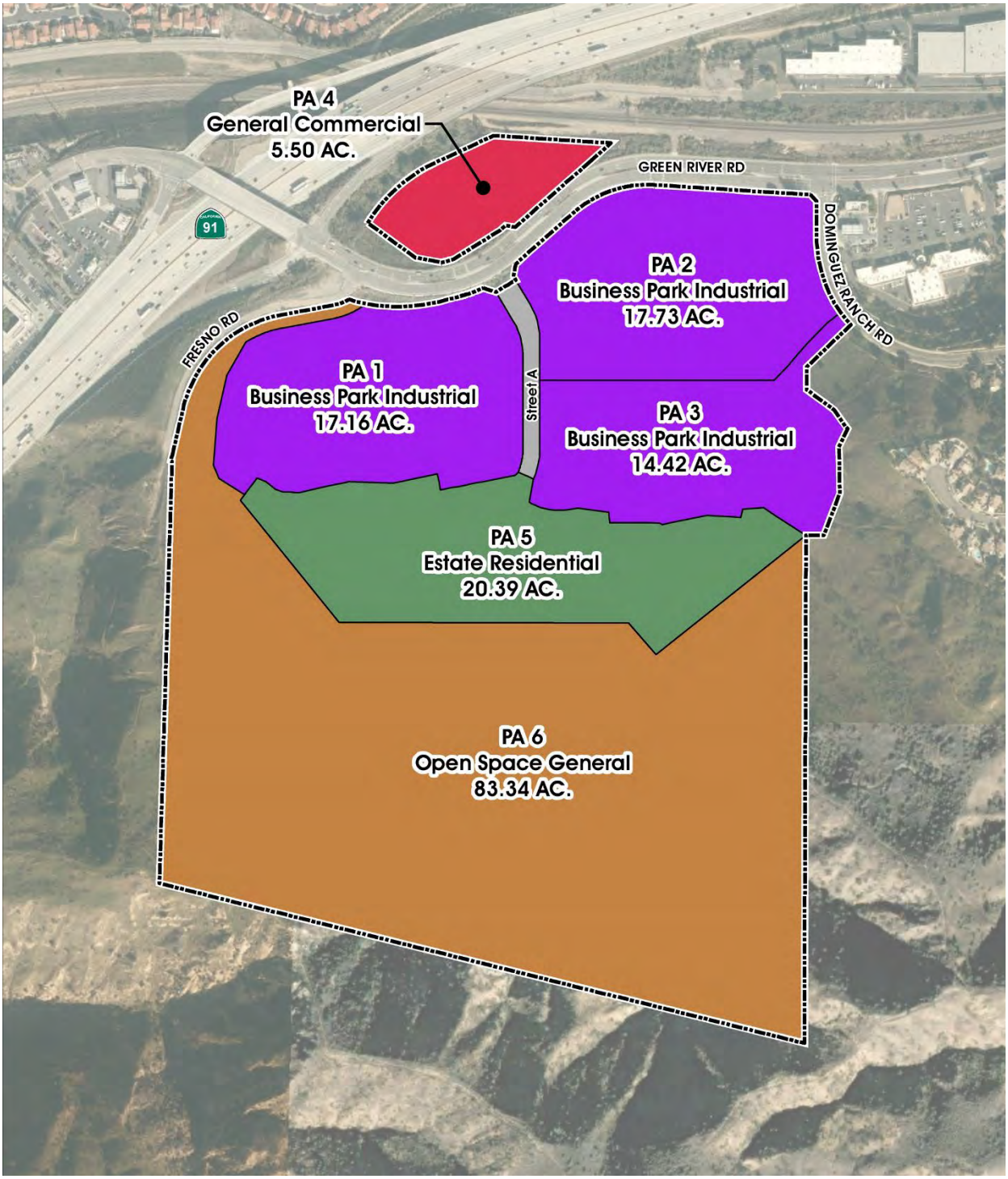
The Project consists of an amendment to the previously approved Green River Ranch Specific Plan, a Precise Plan for the Business Park Industrial portion of the project, and a tentative tract map. The Precise Plan consists of 746,167 sf of building space and for purposes of this analysis is studied as 634,242 sf of Industrial Park use (85 percent [%] of the total Business Park Industrial square footage) and 111,925 sf of High-Cube Cold Storage Warehouse use (15% of the total Business Park Industrial square footage). Cold Storage uses may or may not occupy the site but are studied analytically because this use is allowed by the Specific Plan in up to 15% of the building space. Although specific development plans are not proposed for the other areas of the property, the estate residential area is evaluated at its maximum buildout of 32 residential estate lots and the general commercial area is studied as containing the same commercial uses assumed when the Specific Plan was first adopted, which are still reasonably foreseeable uses – a super convenience market/gas station with 12 vehicle fueling positions and 2,500 sf of fast-food restaurant with drive-thru window use.

Exhibit 1-A illustrates the proposed Specific Plan Amendment and the Precise Plan proposed for the Business Park Industrial component of the Project. The Project is proposed to be developed in phases as follows:

- Phase 1: 634,242 square feet of Business Park Industrial use and 111,925 square feet of High-Cube Cold Storage Warehouse use ((Planning Areas) or PAs 1, 2, and 3)
- Phase 2: Development in Phase 1 plus up to 19,600 square feet of general commercial uses which for the purposes of the traffic study will be evaluated as a Gas Station with Convenience Market with 12 vehicle fueling positions, 2,500 square feet of Fast-Food Restaurant with Drive-Through Window use, 4,200 square feet of Fine Dining Restaurant use, and 9,500 square feet of High Turnover (Sit-Down) Restaurant use (buildout of PAs 1, 2, and 3 and the addition of PA 4). The land uses and intensities proposed for the retail component were selected in order to conduct a conservative analysis (i.e., evaluate a higher trip generation than 19,600 square feet of general commercial use)
- Project Buildout: Development in Phases 1 and 2 plus the addition of 32 Residential Estate Lots (buildout of PAs 1, 2, 3, and 4 and the addition of PA 5).

The proposed Project is expected to generate approximately 4,370 total trips per day (2,185 vehicles inbound + 2,185 vehicles outbound) which include 3,922 total passenger vehicle trips per day (1,961 passenger vehicles inbound + 1,961 passenger vehicles outbound) and 448 total truck trips per day (224 trucks inbound + 224 trucks outbound) (4).

EXHIBIT 1-A: PRELIMINARY LAND USE PLAN



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2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

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

- The ARB-adopted diesel exhaust Unit Risk Factor (URF) of 300 in one million per µg/m3 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 (95% higher than the average population).
- The emissions derived assume that every truck accessing the Project site will idle for 15 minutes under the unmitigated scenario, and this is an overestimation of actual idling times and thus conservative.[2] The California Air Resources Board (CARB's) anti-idling requirements impose a 5-minute maximum idling time and therefore the analysis conservatively overestimates DPM emissions from idling by a factor of 3.

2.2 CONSTRUCTION HEALTH RISK ASSESSMENT

2.2.1 EMISSIONS CALCULATIONS

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

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

As discussed in the technical study, the Project would result in approximately 427 total working-days of construction activity. The construction duration by phase is shown on Table 2-1. A detailed summary of construction equipment assumptions by phase is provided at Table 2-2. The CalEEMod emissions outputs are presented in Appendix 2.1. The modeled emission sources for construction activity are illustrated on Exhibit 2-A.

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

TABLE 2-1: CONSTRUCTION DURATION

Phase Name	Start Date	End Date	Days
Planning Areas 1, 2, and 3			
Demolition	1/1/2024	2/9/2024	30
Site Preparation	2/12/2024	3/8/2024	20
Grading	3/11/2024	5/17/2024	50
Building Construction	5/20/2024	12/27/2024	160
Paving	9/16/2024	12/27/2024	75
Architectural Coating	6/3/2024	12/27/2024	150
Planning Areas 4 and 5			
Site Preparation	1/1/2025	1/28/2025	20
Grading	1/29/2025	4/1/2025	45
Building Construction	4/2/2025	8/19/2025	100
Paving	7/2/2025	8/19/2025	35
Architectural Coating	5/7/2025	8/19/2025	70

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Phase Name	Equipment	Amount	Hours Per Day
Planning Areas 1, 2, and 3			
Demolition	Concrete/Industrial Saws	2	8
	Excavators	5	8
	Rubber Tired Dozers	4	8
Site Preparation	Crawler Tractors	6	8
	Rubber Tired Dozers	5	8
Grading	Crawler Tractors	4	8
	Excavators	4	8
	Graders	2	8
	Rubber Tired Dozers	2	8
	Scrapers	4	8
Building Construction	Cranes	2	8
	Crawler Tractors	6	8
	Forklifts	6	8
	Generator Sets	2	8

Phase Name	Equipment	Amount	Hours Per Day
	Welders	2	8
Paving	Pavers	2	8
	Paving Equipment	2	8
	Rollers	2	8
Architectural Coating	Air Compressors	1	8
Planning Areas 4 and 5			
Site Preparation	Crawler Tractors	4	8
	Rubber Tired Dozers	3	8
Grading	Crawler Tractors	2	8
	Excavators	2	8
	Graders	1	8
	Rubber Tired Dozers	1	8
	Scrapers	2	8
Building Construction	Cranes	2	8
	Crawler Tractors	6	8
	Forklifts	6	8
	Generator Sets	2	8
	Welders	2	8
Paving	Pavers	2	8
	Paving Equipment	2	8
	Rollers	2	8
Architectural Coating	Air Compressors	1	8

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES

2.3 OPERATIONAL HEALTH RISK ASSESSMENT

2.3.1 ON-SITE AND OFF-SITE TRUCK ACTIVITY

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

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

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

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

Calculated emission factors are shown at Table 2-3. As a conservative measure, a 2026 EMFAC 2021 run was conducted and a static 2026 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2026 emission factors would overstate potential impacts since this approach assumes that emission factors remain "static" and do not change over time due to fleet turnover or cleaner technology with lower emissions that would be incorporated into vehicles after 2026. Additionally, based on EMFAC 2021, Light-Heavy-Duty Trucks are comprised of 59.8% diesel, Medium-Heavy-Duty Trucks are comprised of 91.9% diesel, and Heavy-Heavy-Duty Trucks are comprised of 95.0% diesel. Trucks fueled by diesel are accounted for by these percentages accordingly in the emissions factor generation. Appendix 2.2 includes additional details on the emissions estimates from EMFAC.

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

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

Where:

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

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

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

Where:

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

TABLE 2-3: 2026 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Speed	Weighted Average
0 (idling)	0.09818 (g/idle-hr)
5	0.02167 (g/s)
25	0.00940 (g/s)

Each roadway was modeled as a line source (made up of multiple adjacent volume sources). Due to the large number of volume sources modeled for this analysis, the corresponding coordinates of each volume source have not been included in this report but are included in Appendix 2.3. The DPM emission rate for each volume source was calculated by multiplying the emission factor (based on the average travel speed along the roadway) by the number of trips and the distance traveled along each roadway segment and dividing the result by the number of volume sources along that roadway, as illustrated on Table 2-4. The modeled emission sources are illustrated on Exhibit 2-B. 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 (1) (in the case of the Project, the primary source of emissions is the on-site idling and on-site travel).

2.3.2 EMERGENCY FIRE PUMPS

It is conservatively assumed that the proposed Project would include installation of five emergency fire pumps, as shown on Exhibit 2-B. The fire pumps would be diesel fueled and potentially would result in exposure of sensitive receptors to DPM. Based on the CalEEMod output presented in the Project air quality impact analysis, it is estimated that the fire pumps would be rated at 300 brake horsepower (bhp). The analysis assumed that the fire pumps could potentially operate for up to one hour per day, one day per week, for a total of 50 hours per year for maintenance and testing purposes. Consistent with SCAQMD guidance, the emergency fire pumps were modeled as a point source. Because detailed engine specifications are not known at this time, release parameters (including exhaust height, diameter, temperature, and flow rate) were obtained from the California Air Pollution Control Officers Association Facility Prioritization Guidelines (8).

2.3.3 ON-SITE GASOLINE DISPENSING

Guidance and emission factors from CARB's Gasoline Service Station Industrywide Risk Assessment Technical Guidance Report were used to model emissions from the loading, breathing, fuel dispensing, spillage, and hose permeation associated with the proposed gasoline service station (9). Refueling and hose permeation emissions were modeled using volume sources with a release height of 1 meter and an initial vertical dimension of 2.33 meters. Loading and breathing emissions were modeled using point sources with a stack height of 3.66 meters and a stack diameter of 0.051 meters. Spillage emissions were modeled using volume sources with a release height of 0 meters and an initial vertical dimension of 2.33 meters.

2.3.4 TRU EMISSIONS

In order to account for the possibility of refrigerated uses, it was conservatively assumed that all trucks visiting the cold storage portion of the project (86 two-way truck trucks per day) would be equipped with transport refrigeration units (TRUs). TRUs are accounted for during on-site and off-site travel. The TRU calculations are based on EMFAC 2021, developed by the CARB. EMFAC 2021 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. Emissions from TRUs are assumed to occur during idling, on-site and off-site activities. It was assumed that TRUs would operate for 30 minutes while parked at the loading docks. In order to account for on- and off-site travel, the TRU gram per second emission rate was divided by 5 and 25, respectively, in order to account for travel speeds of 5 and 25 miles per hour.

EXHIBIT 2-B: MODELED EMISSION SOURCES

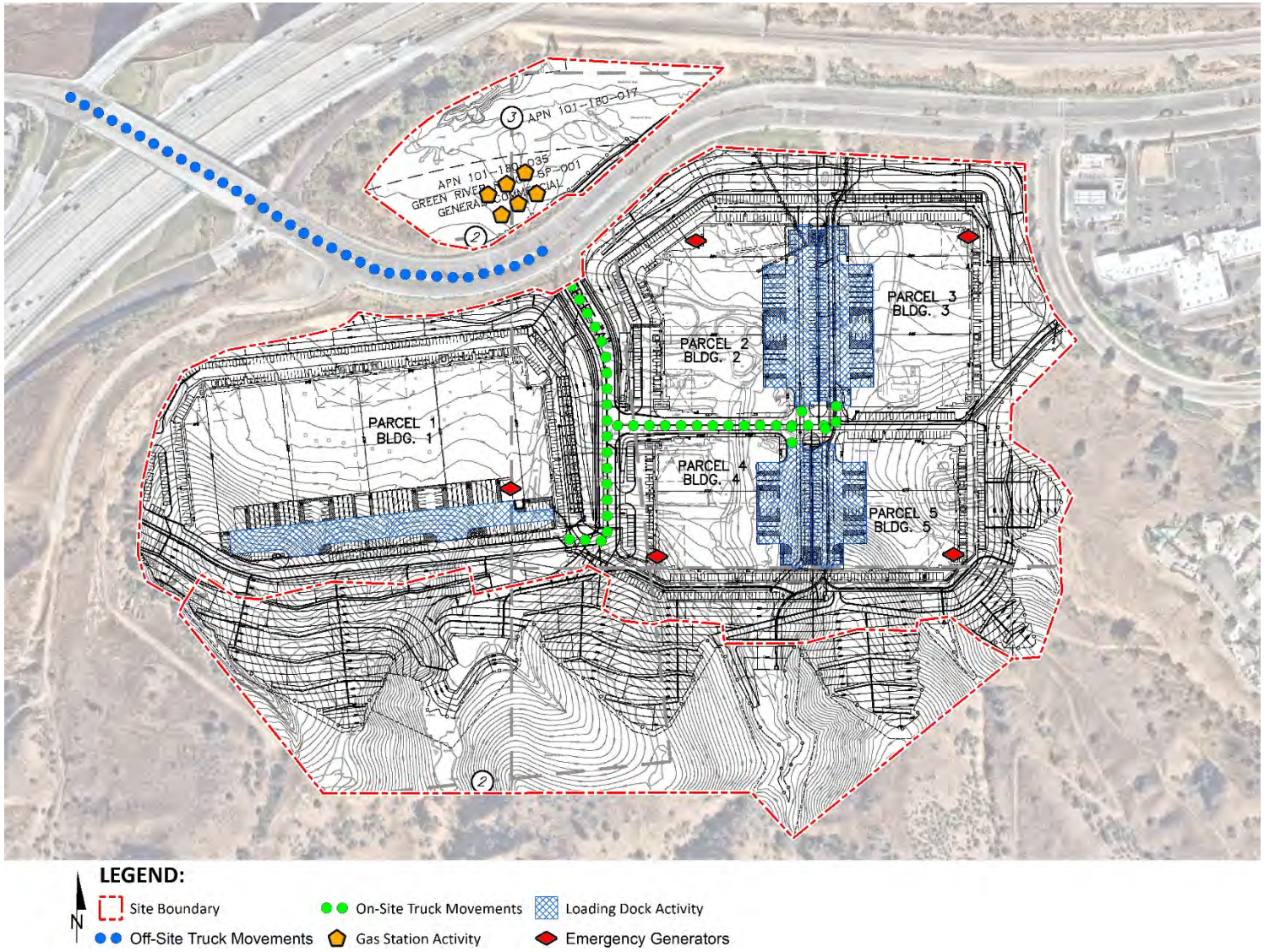


TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS (2026 ANALYSIS YEAR)

Truck Emission Rates						
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Building 1	90			0.0982	4.37	5.060E-05
On-Site Idling - Building 2	40			0.0982	1.92	2.223E-05
On-Site Idling - Building 3	39			0.0982	1.91	2.208E-05
On-Site Idling - Building 4	30			0.0982	1.44	1.662E-05
On-Site Idling - Building 5	25			0.0982	1.23	1.422E-05
On-Site Travel - Building 1	180	58.15	0.0217		1.82	2.103E-05
On-Site Travel - Building 2	79	19.94	0.0217		0.62	7.214E-06
On-Site Travel - Building 3	79	21.05	0.0217		0.66	7.616E-06
On-Site Travel - Building 4	59	13.56	0.0217		0.42	4.905E-06
On-Site Travel - Building 5	51	12.51	0.0217		0.39	4.524E-06
Off-Site Travel - Green River Road 100% Inbound/Outbound	448	115.75	0.0094		1.31	1.516E-05

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

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

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

On-site truck idling was estimated to occur as trucks enter and travel through the Project site. Although the Project's diesel-fueled truck and equipment operators will be required by State law to comply with CARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions be calculated assuming 15 minutes of truck idling (10), 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 *Green River Ranch Specific Plan Amendment Traffic Analysis* prepared by Urban Crossroads, Inc., the Project is expected to generate a total of approximately 4,370 vehicular trips-ends per day (actual vehicles) which includes 448 two-way truck trips per day (4).

2.4 EXPOSURE QUANTIFICATION

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

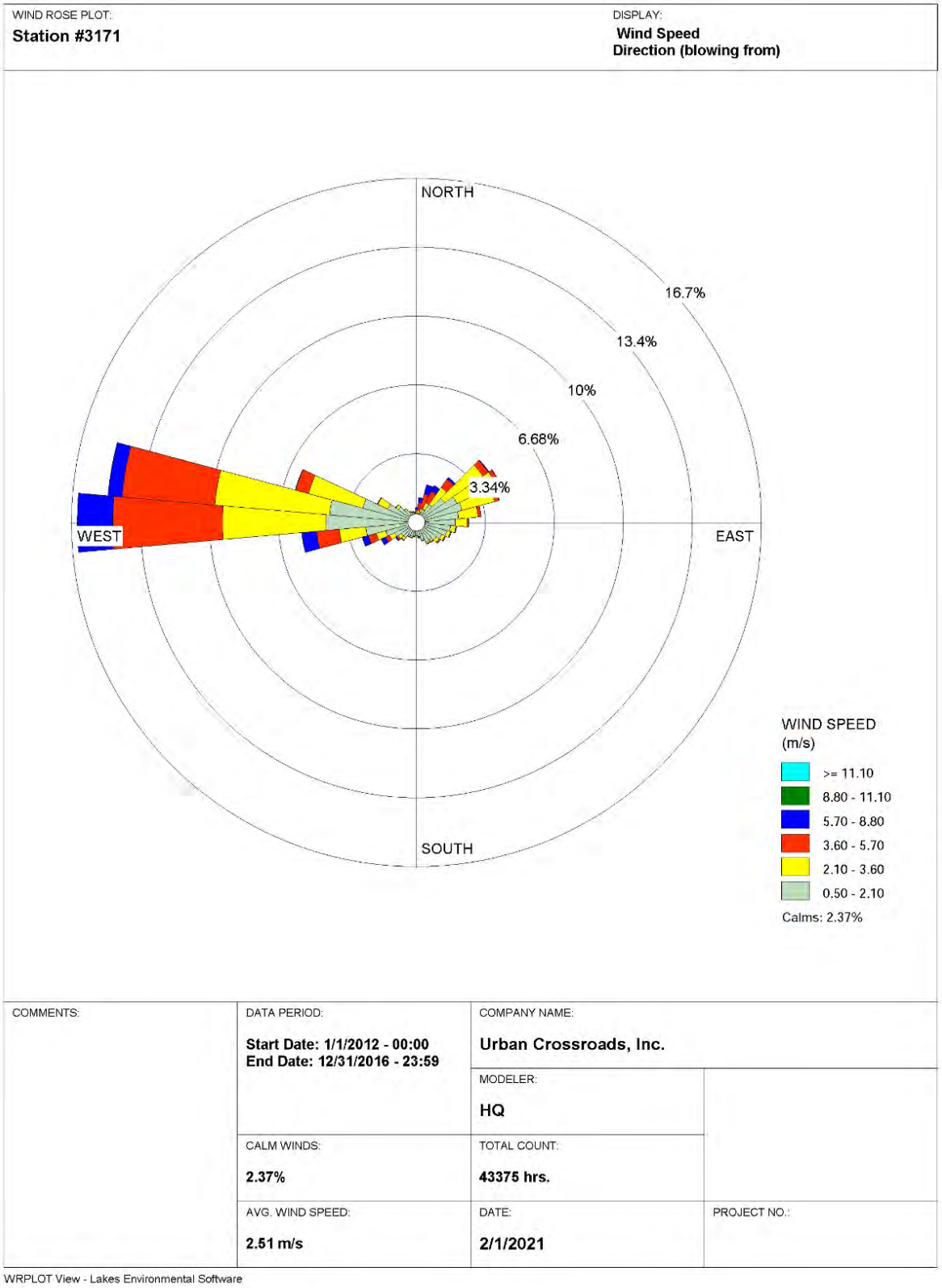
The model offers additional flexibility by allowing the user to assign an initial release height and vertical dispersion parameters for mobile sources representative of a roadway. For this HRA, the roadways were modeled as adjacent volume sources. Roadways were modeled using the U.S. EPA's haul route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

Model parameters are presented in Table 2-5 (12). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the Riverside Airport (KRAL) monitoring station was used to represent local weather conditions and prevailing winds (13). A wind rose exhibit of the KRAL monitoring station is provided at Exhibit 2-B.

TABLE 2-5: AERMOD MODEL PARAMETERS

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

EXHIBIT 2-C: WIND ROSE (SRA 23)



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

Receptors may be placed at applicable structure locations for residential and worker property and not necessarily the boundaries of the properties containing these uses because the human receptors (residents and workers) spend a majority of their time at the residence or in the workplace's building, and not on the property line. It should be noted that the primary purpose of receptor placement is focused on long-term exposure. For example, the HRA evaluates the potential health risks to residents, 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.

For purposes of this HRA, receptors include both residential and non-residential (worker and school) 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, or 9 years, respectively. This methodology is consistent with SCAQMD and Office of Environmental Health Hazard Assessment (OEHHA) recommended guidance.

Any impacts to residents or workers located further away from the Project site than the modeled residential and workers would have a lesser impact than what has already been disclosed in the HRA at the MEIR, MEIW, and MEISC 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 (14).

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Table 2-7 summarizes the exposure parameters for residents utilized to analyze impacts from Project construction based on 2015 OEHHA Guidelines.

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.

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

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
0 to 2	1,090	10	1.63	1.00	260	8

In order to estimate impacts from truck and manufacturing process emissions during Project operational activities, health risk was calculated using CARB's Hotspots Analysis and Reporting Program (HARP2), version 22118 (15). HARP2 calculates cancer and non-cancer health risk based on the 2015 OEHHA Guidelines. Appendix 2.4 includes the detailed risk calculation and Appendix 2.5 includes the HARP2 model outputs.

Based on guidance from CARB and the California Environmental Protection Agency, 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
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 (16).

The non-cancer hazard index was calculated as follows:

The relationship for the non-cancer health effects of DPM is given by 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-RELATED DPM SOURCE CANCER AND NON-CANCER RISKS

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction DPM source emissions is Location R3 which is located approximately 246 feet east of Planning Areas 1, 2, and 3 and 465 feet northeast of Planning Area 5 at an existing residence located at 4341 San Viscaya Circle. R3 is placed at the private outdoor living area (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project construction DPM source emissions is estimated at 4.03 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. 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. Location R3 is the nearest receptor and would experience the highest concentrations of DPM during Project construction due to meteorological conditions (wind speed and direction) in the Project vicinity. As such, all other receptors during construction activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project DPM source emissions is Location R3 which is located approximately 246 feet east of Planning Areas 1, 2, and 3 of the Project site at an existing residence located at 4341 San Viscaya Cir. Because there are no private outdoor living areas facing the Project site, R3 is placed at the building façade. At the MEIR, the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 1.38 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be 0.003, which would not exceed the applicable significance threshold of 1.0. Location R3 is the nearest receptor and would experience the highest concentrations of DPM during Project operation due to meteorological conditions (wind speed and direction) in the Project vicinity. As such, all other receptors would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

Worker Exposure Scenario[3]*:*

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is Location R8, which represents the adjacent potential worker receptor approximately 151 feet east of Planning Areas 1, 2, and 3 of the Project site. At the MEIW, the maximum incremental cancer risk impact is 0.17 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 0.004, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors would experience lower concentrations of DPM due to meteorological conditions (wind speed and direction) in the Project vicinity, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The nearest modeled receptors are illustrated on Exhibit 2-D.

School Child Exposure Scenario:

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

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

The 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.

For purposes of this assessment, a one-quarter mile radius or 1,320 feet geographic scope is utilized for determining potential impacts to nearby schools. This radius is more robust than, and therefore provides a more health protective scenario for evaluation than the 1,000-foot impact radius identified above.

There are no schools located within a ¼ mile of the Project site and because there is no reasonable potential that TAC emissions would cause significant health impacts at distances of more than ¼ mile from the air pollution source, there would be no significant impacts that would occur to any schools in the vicinity of the Project.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction and operational DPM source emissions is Location R3. At the MEIR, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 5.41 in one million, which is less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be 0.003, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

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

EXHIBIT 2-D: RECEPTOR LOCATIONS

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3 REFERENCES

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15. **California Air Resources Board.** Hot Spots Analysis and Reporting Program, version 22118. [Online] 2022. https://ww2.arb.ca.gov/our-work/programs/hot-spots-analysis-reporting-program.
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4 CERTIFICATIONS

The contents of this health risk assessment represent an accurate depiction of the impacts to sensitive receptors associated with the proposed Green River Ranch Specific Plan Amendment 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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EDUCATION

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

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

PROFESSIONAL AFFILIATIONS

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

PROFESSIONAL CERTIFICATIONS

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

CALEEMOD OUTPUTS

12630-Green River Ranch Specific Plan Amendment (Construction Planning Areas 1-3) Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	12630-Green River Ranch Specific Plan Amendment (Construction Planning Areas 1-3)
Construction Start Date	1/1/2024
Lead Agency	—
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.60
Precipitation (days)	21.0
Location	33.878704, -117.642199
County	Riverside-South Coast
City	Corona
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5472
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.13

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
Industrial Park	634	1000sqft	14.6	634,242	0.00	—	—	—

Refrigerated Warehouse-No Rail	112	1000sqft	2.57	111,925	0.00	—	—	—
Parking Lot	1,213	Space	4.76	0.00	0.00	—	—	—
Other Asphalt Surfaces	27.4	Acre	27.4	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.	10.7	33.8	105	77.1	0.30	4.04	12.8	16.8	3.76	4.01	7.77	—	40,459	40,459	1.05	4.38	58.7	41,850
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.7	33.6	107	72.6	0.30	4.04	12.8	16.8	3.76	4.57	7.90	—	40,426	40,426	1.05	4.38	1.52	41,760
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.71	15.6	41.7	45.0	0.09	1.94	4.74	6.68	1.79	1.39	3.17	—	12,778	12,778	0.43	0.88	8.96	13,060
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.04	2.84	7.62	8.21	0.02	0.35	0.86	1.22	0.33	0.25	0.58	—	2,116	2,116	0.07	0.15	1.48	2,162

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	10.7	33.8	105	77.1	0.30	4.04	12.8	16.8	3.76	4.01	7.77	—	40,459	40,459	1.05	4.38	58.7	41,850
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	10.7	33.6	107	72.6	0.30	4.04	12.8	16.8	3.76	4.57	7.90	—	40,426	40,426	1.05	4.38	1.52	41,760
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	5.71	15.6	41.7	45.0	0.09	1.94	4.74	6.68	1.79	1.39	3.17	—	12,778	12,778	0.43	0.88	8.96	13,060
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.04	2.84	7.62	8.21	0.02	0.35	0.86	1.22	0.33	0.25	0.58	—	2,116	2,116	0.07	0.15	1.48	2,162

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	6.12	5.13	48.9	42.5	0.06	2.09	—	2.09	1.92	—	1.92	—	6,709	6,709	0.27	0.05	—	6,732

Demolition	—	—	—	—	—	—	0.07	0.07	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.42	4.02	3.49	0.01	0.17	—	0.17	0.16	—	0.16	—	551	551	0.02	< 0.005	—	553
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.73	0.64	< 0.005	0.03	—	0.03	0.03	—	0.03	—	91.3	91.3	< 0.005	< 0.005	—	91.6
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.16	1.74	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	364	364	0.02	0.01	0.04	368
Vendor	0.02	0.01	0.52	0.16	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	435	435	0.01	0.07	0.03	455
Hauling	< 0.005	< 0.005	0.06	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	53.7	53.7	< 0.005	0.01	< 0.005	56.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	30.3	30.3	< 0.005	< 0.005	0.06	30.7
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	35.7	35.7	< 0.005	0.01	0.04	37.4

Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.41	4.41	< 0.005	< 0.005	< 0.005	4.63
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.01	5.01	< 0.005	< 0.005	0.01	5.08
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.92	5.92	< 0.005	< 0.005	0.01	6.19
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.73	0.73	< 0.005	< 0.005	< 0.005	0.77

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	8.65	7.27	69.0	57.2	0.08	3.61	—	3.61	3.32	—	3.32	—	8,983	8,983	0.36	0.07	—	9,014
Dust From Material Movement	—	—	—	—	—	—	9.35	9.35	—	4.47	4.47	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.47	0.40	3.78	3.13	< 0.005	0.20	—	0.20	0.18	—	0.18	—	492	492	0.02	< 0.005	—	494
Dust From Material Movement	—	—	—	—	—	—	0.51	0.51	—	0.24	0.24	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.69	0.57	< 0.005	0.04	—	0.04	0.03	—	0.03	—	81.5	81.5	< 0.005	< 0.005	—	81.8
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.16	1.74	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	364	364	0.02	0.01	0.04	368
Vendor	0.01	0.01	0.33	0.10	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.03	—	280	280	0.01	0.04	0.02	292
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	20.2	20.2	< 0.005	< 0.005	0.04	20.5
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.3	15.3	< 0.005	< 0.005	0.02	16.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.34	3.34	< 0.005	< 0.005	0.01	3.39
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.54	2.54	< 0.005	< 0.005	< 0.005	2.65
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (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	9.38	7.88	75.1	62.7	0.12	3.55	—	3.55	3.26	—	3.26	—	13,430	13,430	0.54	0.11	—	13,476
Dust From Material Movement	—	—	—	—	—	—	5.38	5.38	—	1.97	1.97	—	—	—	—	—	—	—
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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	9.38	7.88	75.1	62.7	0.12	3.55	—	3.55	3.26	—	3.26	—	13,430	13,430	0.54	0.11	—	13,476
Dust From Material Movement	—	—	—	—	—	—	5.38	5.38	—	1.97	1.97	—	—	—	—	—	—	—
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.29	1.08	10.3	8.59	0.02	0.49	—	0.49	0.45	—	0.45	—	1,840	1,840	0.07	0.01	—	1,846
Dust From Material Movement	—	—	—	—	—	—	0.74	0.74	—	0.27	0.27	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.20	1.88	1.57	< 0.005	0.09	—	0.09	0.08	—	0.08	—	305	305	0.01	< 0.005	—	306
Dust From Material Movement	—	—	—	—	—	—	0.13	0.13	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.21	0.19	3.34	0.00	0.00	0.52	0.52	0.00	0.12	0.12	—	576	576	0.02	0.02	2.28	585
Vendor	0.03	0.02	0.81	0.25	0.01	0.01	0.20	0.21	0.01	0.05	0.06	—	714	714	0.02	0.11	2.01	748
Hauling	1.06	0.41	29.1	7.01	0.17	0.49	6.65	7.14	0.49	1.87	2.35	—	25,739	25,739	0.47	4.15	54.5	27,041
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.19	0.23	2.52	0.00	0.00	0.52	0.52	0.00	0.12	0.12	—	529	529	0.03	0.02	0.06	536
Vendor	0.03	0.02	0.85	0.26	0.01	0.01	0.20	0.21	0.01	0.05	0.06	—	715	715	0.02	0.11	0.05	747
Hauling	1.03	0.38	30.3	7.13	0.17	0.49	6.65	7.14	0.49	1.87	2.35	—	25,752	25,752	0.46	4.15	1.41	27,002
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.36	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	73.4	73.4	< 0.005	< 0.005	0.14	74.4
Vendor	< 0.005	< 0.005	0.12	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	97.8	97.8	< 0.005	0.01	0.12	102
Hauling	0.14	0.05	4.18	0.97	0.02	0.07	0.90	0.97	0.07	0.25	0.32	—	3,527	3,527	0.06	0.57	3.21	3,701
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.2	12.2	< 0.005	< 0.005	0.02	12.3
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	16.2	16.2	< 0.005	< 0.005	0.02	17.0

Hauling	0.03	0.01	0.76	0.18	< 0.005	0.01	0.16	0.18	0.01	0.05	0.06	—	584	584	0.01	0.09	0.53	613

3.7. Building Construction (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.61	3.87	34.2	32.0	0.05	2.05	—	2.05	1.89	—	1.89	—	5,611	5,611	0.23	0.05	—	5,630
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.61	3.87	34.2	32.0	0.05	2.05	—	2.05	1.89	—	1.89	—	5,611	5,611	0.23	0.05	—	5,630
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.02	1.69	15.0	14.0	0.02	0.90	—	0.90	0.83	—	0.83	—	2,460	2,460	0.10	0.02	—	2,468
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.73	2.56	< 0.005	0.16	—	0.16	0.15	—	0.15	—	407	407	0.02	< 0.005	—	409
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.76	1.61	1.51	26.2	0.00	0.00	4.10	4.10	0.00	0.96	0.96	—	4,511	4,511	0.19	0.16	17.9	4,580
Vendor	0.11	0.07	2.64	0.82	0.02	0.03	0.64	0.68	0.03	0.18	0.21	—	2,329	2,329	0.05	0.35	6.56	2,440
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.67	1.51	1.78	19.8	0.00	0.00	4.10	4.10	0.00	0.96	0.96	—	4,145	4,145	0.20	0.16	0.46	4,197
Vendor	0.10	0.07	2.76	0.84	0.02	0.03	0.64	0.68	0.03	0.18	0.21	—	2,330	2,330	0.05	0.35	0.17	2,436
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.66	0.78	9.13	0.00	0.00	1.77	1.77	0.00	0.41	0.41	—	1,840	1,840	0.09	0.07	3.39	1,866
Vendor	0.04	0.03	1.21	0.36	0.01	0.01	0.28	0.29	0.01	0.08	0.09	—	1,021	1,021	0.02	0.15	1.24	1,068
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.14	1.67	0.00	0.00	0.32	0.32	0.00	0.08	0.08	—	305	305	0.01	0.01	0.56	309
Vendor	0.01	0.01	0.22	0.07	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	169	169	< 0.005	0.03	0.20	177
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2024) - Unmitigated

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

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

Off-Road Equipment	1.01	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	1.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	1.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.17	1.61	2.06	< 0.005	0.08	—	0.08	0.07	—	0.07	—	311	311	0.01	< 0.005	—	312
Paving	—	0.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.29	0.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	51.4	51.4	< 0.005	< 0.005	—	51.6
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.09	0.95	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	198	198	0.01	0.01	0.02	201
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.20	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	41.3	41.3	< 0.005	< 0.005	0.08	41.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.84	6.84	< 0.005	< 0.005	0.01	6.93
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.18	1.21	1.53	< 0.005	0.04	—	0.04	0.04	—	0.04	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	25.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.18	1.21	1.53	< 0.005	0.04	—	0.04	0.04	—	0.04	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	25.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.50	0.63	< 0.005	0.02	—	0.02	0.02	—	0.02	—	73.2	73.2	< 0.005	< 0.005	—	73.4
Architectural Coatings	—	10.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.09	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.1	12.1	< 0.005	< 0.005	—	12.2
Architectural Coatings	—	1.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.35	0.32	0.30	5.23	0.00	0.00	0.82	0.82	0.00	0.19	0.19	—	902	902	0.04	0.03	3.58	916

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33	0.30	0.36	3.96	0.00	0.00	0.82	0.82	0.00	0.19	0.19	—	829	829	0.04	0.03	0.09	839
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.12	0.15	1.71	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	345	345	0.02	0.01	0.64	350
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.03	0.31	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	57.1	57.1	< 0.005	< 0.005	0.11	57.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/1/2024	2/9/2024	5.00	30.0	—
Site Preparation	Site Preparation	2/12/2024	3/8/2024	5.00	20.0	—
Grading	Grading	3/11/2024	5/17/2024	5.00	50.0	—
Building Construction	Building Construction	5/20/2024	12/27/2024	5.00	160	—
Paving	Paving	9/16/2024	12/27/2024	5.00	75.0	—
Architectural Coating	Architectural Coating	6/3/2024	12/27/2024	5.00	150	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	2.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	5.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	4.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	5.00	8.00	367	0.40
Site Preparation	Crawler Tractors	Diesel	Average	6.00	8.00	87.0	0.43
Grading	Excavators	Diesel	Average	4.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	2.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	4.00	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
Building Construction	Cranes	Diesel	Average	2.00	8.00	367	0.29

Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Crawler Tractors	Diesel	Average	6.00	8.00	87.0	0.43
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

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	27.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	14.0	10.2	HHDT,MHDT
Demolition	Hauling	0.77	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	27.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	9.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	40.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	23.0	10.2	HHDT,MHDT
Grading	Hauling	368	20.0	HHDT

Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	313	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	75.0	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	62.7	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	1,119,251	373,084	84,106

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	2,000	—
Site Preparation	—	—	110	0.00	—
Grading	—	147,000	400	0.00	—
Paving	0.00	0.00	0.00	0.00	32.2

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Industrial Park	0.00	0%
Refrigerated Warehouse-No Rail	0.00	0%
Parking Lot	4.76	100%
Other Asphalt Surfaces	27.4	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

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	15.0	annual days of extreme heat
Extreme Precipitation	4.00	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	35.4	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	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	72.8
AQ-PM	89.7
AQ-DPM	85.7
Drinking Water	85.7
Lead Risk Housing	5.43
Pesticides	0.00
Toxic Releases	68.4
Traffic	73.0
Effect Indicators	—
CleanUp Sites	47.6
Groundwater	0.00

Haz Waste Facilities/Generators	65.9
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	17.7
Cardio-vascular	55.6
Low Birth Weights	35.0
Socioeconomic Factor Indicators	—
Education	34.8
Housing	13.9
Linguistic	43.9
Poverty	32.0
Unemployment	64.5

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	87.60426023
Employed	68.38188118
Median HI	91.41537277
Education	—
Bachelor's or higher	72.98857949
High school enrollment	21.05735917
Preschool enrollment	74.18195817
Transportation	—
Auto Access	90.86359553

Active commuting	16.68163737
Social	—
2-parent households	77.37713332
Voting	54.17682536
Neighborhood	—
Alcohol availability	88.3485179
Park access	43.85987425
Retail density	23.97022969
Supermarket access	30.95085333
Tree canopy	72.38547414
Housing	—
Homeownership	91.03041191
Housing habitability	80.07185936
Low-inc homeowner severe housing cost burden	86.1157449
Low-inc renter severe housing cost burden	19.90247658
Uncrowded housing	79.21211344
Health Outcomes	—
Insured adults	79.19928141
Arthritis	74.6
Asthma ER Admissions	80.4
High Blood Pressure	62.1
Cancer (excluding skin)	49.7
Asthma	76.7
Coronary Heart Disease	88.8
Chronic Obstructive Pulmonary Disease	86.1
Diagnosed Diabetes	85.5
Life Expectancy at Birth	51.9

Cognitively Disabled	82.5
Physically Disabled	81.6
Heart Attack ER Admissions	41.3
Mental Health Not Good	77.2
Chronic Kidney Disease	85.5
Obesity	63.1
Pedestrian Injuries	19.6
Physical Health Not Good	83.3
Stroke	91.3
Health Risk Behaviors	—
Binge Drinking	24.0
Current Smoker	73.3
No Leisure Time for Physical Activity	74.2
Climate Change Exposures	—
Wildfire Risk	29.3
SLR Inundation Area	0.0
Children	48.8
Elderly	88.2
English Speaking	77.6
Foreign-born	53.7
Outdoor Workers	67.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	82.0
Traffic Density	52.1
Traffic Access	23.0
Other Indices	—
Hardship	13.5

Other Decision Support	—
2016 Voting	70.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	44.0
Healthy Places Index Score for Project Location (b)	81.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & 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	Taken from Site plan
Construction: Construction Phases	Construction schedule adjusted based off client provided information Building, Paving, and Architectural Coating overlap to present a conservative analysis
Construction: Off-Road Equipment	T/L/B replaced with Crawler Tractor to accurately calculate disturbance for Site Preparation and Grading phases Standard 8-hour work days

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	SCAQMD Rule 1113

12630-Green River Ranch Specific Plan Amendment Construction (PA 4 & 5) Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	12630-Green River Ranch Specific Plan Amendment Construction (PA 4 & 5)
Construction Start Date	1/1/2025
Lead Agency	—
Land Use Scale	Plan/community
Analysis Level for Defaults	County
Windspeed (m/s)	2.60
Precipitation (days)	21.0
Location	33.878704, -117.642199
County	Riverside-South Coast
City	Corona
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5472
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.24

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
Convenience Market with Gas Pumps	12.0	Pump	0.39	17,100	0.00	—	—	—

Fast Food Restaurant with Drive Thru	2.50	1000sqft	0.06	2,500	0.00	—	—	—
Single Family Housing	32.0	Dwelling Unit	20.4	62,400	0.00	—	103	—
Other Asphalt Surfaces	6.20	Acre	6.20	0.00	0.00	—	—	—
High Turnover (Sit Down Restaurant)	9.50	1000sqft	0.22	9,500	0.00	—	—	—
Quality Restaurant	4.20	1000sqft	0.10	4,200	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.	14.9	14.0	40.4	46.6	0.07	2.17	2.95	4.47	1.99	1.05	2.44	—	8,067	8,067	0.32	0.10	2.69	8,108
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.90	4.12	37.6	33.5	0.06	1.93	5.90	7.83	1.78	2.74	4.52	—	7,036	7,036	0.29	0.07	0.03	7,065
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.88	3.54	15.7	16.1	0.03	0.82	0.81	1.63	0.76	0.31	1.07	—	3,059	3,059	0.12	0.04	0.34	3,074

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.71	0.65	2.87	2.94	0.01	0.15	0.15	0.30	0.14	0.06	0.19	—	507	507	0.02	0.01	0.06	509

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	14.9	14.0	40.4	46.6	0.07	2.17	2.95	4.47	1.99	1.05	2.44	—	8,067	8,067	0.32	0.10	2.69	8,108
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.90	4.12	37.6	33.5	0.06	1.93	5.90	7.83	1.78	2.74	4.52	—	7,036	7,036	0.29	0.07	0.03	7,065
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.88	3.54	15.7	16.1	0.03	0.82	0.81	1.63	0.76	0.31	1.07	—	3,059	3,059	0.12	0.04	0.34	3,074
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.71	0.65	2.87	2.94	0.01	0.15	0.15	0.30	0.14	0.06	0.19	—	507	507	0.02	0.01	0.06	509

3. Construction Emissions Details

3.1. Site Preparation (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.82	4.05	37.5	32.4	0.05	1.93	—	1.93	1.78	—	1.78	—	5,528	5,528	0.22	0.04	—	5,547
Dust From Material Movement	—	—	—	—	—	—	5.66	5.66	—	2.69	2.69	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.05	1.78	< 0.005	0.11	—	0.11	0.10	—	0.10	—	303	303	0.01	< 0.005	—	304
Dust From Material Movement	—	—	—	—	—	—	0.31	0.31	—	0.15	0.15	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.37	0.32	< 0.005	0.02	—	0.02	0.02	—	0.02	—	50.2	50.2	< 0.005	< 0.005	—	50.3
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	1.02	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	227	227	0.01	0.01	0.02	230
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.6	30.6	< 0.005	< 0.005	< 0.005	32.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.6	12.6	< 0.005	< 0.005	0.02	12.8
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.68	1.68	< 0.005	< 0.005	< 0.005	1.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.08	2.08	< 0.005	< 0.005	< 0.005	2.11
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.29
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (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	4.24	3.57	32.6	29.4	0.06	1.52	—	1.52	1.40	—	1.40	—	6,715	6,715	0.27	0.05	—	6,738
Dust From Material Movement	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.24	3.57	32.6	29.4	0.06	1.52	—	1.52	1.40	—	1.40	—	6,715	6,715	0.27	0.05	—	6,738
Dust From Material Movement	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.44	4.02	3.63	0.01	0.19	—	0.19	0.17	—	0.17	—	828	828	0.03	0.01	—	831
Dust From Material Movement	—	—	—	—	—	—	0.33	0.33	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.73	0.66	< 0.005	0.03	—	0.03	0.03	—	0.03	—	137	137	0.01	< 0.005	—	138
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.09	0.09	1.54	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	282	282	0.01	0.01	1.04	286

Vendor	< 0.005	< 0.005	0.07	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.2	61.2	< 0.005	0.01	0.17	64.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.10	1.17	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	259	259	0.01	0.01	0.03	262
Vendor	< 0.005	< 0.005	0.07	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.2	61.2	< 0.005	0.01	< 0.005	64.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	32.4	32.4	< 0.005	< 0.005	0.06	32.8
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.55	7.55	< 0.005	< 0.005	0.01	7.90
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.36	5.36	< 0.005	< 0.005	0.01	5.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.25	1.25	< 0.005	< 0.005	< 0.005	1.31
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Construction (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	4.22	3.54	31.4	31.7	0.05	1.78	—	1.78	1.64	—	1.64	—	5,610	5,610	0.23	0.05	—	5,629
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	0.97	8.59	8.68	0.01	0.49	—	0.49	0.45	—	0.45	—	1,537	1,537	0.06	0.01	—	1,542
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.18	1.57	1.58	< 0.005	0.09	—	0.09	0.08	—	0.08	—	254	254	0.01	< 0.005	—	255
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.11	0.10	1.84	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	335	335	0.01	0.01	1.23	340
Vendor	0.01	< 0.005	0.17	0.05	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	153	153	< 0.005	0.02	0.43	160
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.40	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	85.5	85.5	< 0.005	< 0.005	0.15	86.8
Vendor	< 0.005	< 0.005	0.05	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.9	41.9	< 0.005	0.01	0.05	43.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.2	14.2	< 0.005	< 0.005	0.02	14.4
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.94	6.94	< 0.005	< 0.005	0.01	7.27

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. 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	0.46	0.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.71	0.96	< 0.005	0.03	—	0.03	0.03	—	0.03	—	145	145	0.01	< 0.005	—	145
Paving	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.0	24.0	< 0.005	< 0.005	—	24.1
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.16	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	211	211	0.01	0.01	0.78	215
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.9	18.9	< 0.005	< 0.005	0.03	19.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.12	3.12	< 0.005	< 0.005	0.01	3.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. 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	0.21	0.17	1.18	1.52	< 0.005	0.04	—	0.04	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	8.86	8.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.23	0.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	34.1	34.1	< 0.005	< 0.005	—	34.3
Architectural Coatings	1.70	1.70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.65	5.65	< 0.005	< 0.005	—	5.67
Architectural Coatings	0.31	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.02	0.37	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	67.1	67.1	< 0.005	< 0.005	0.25	68.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.0	12.0	< 0.005	< 0.005	0.02	12.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.98	1.98	< 0.005	< 0.005	< 0.005	2.01
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	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	1/1/2025	1/28/2025	5.00	20.0	—
Grading	Grading	1/29/2025	4/1/2025	5.00	45.0	—
Building Construction	Building Construction	4/2/2025	8/19/2025	5.00	100	—
Paving	Paving	7/2/2025	8/19/2025	5.00	35.0	—

Architectural Coating	Architectural Coating	5/14/2025	8/19/2025	5.00	70.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Building Construction	Cranes	Diesel	Average	2.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	6.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Crawler Tractors	Diesel	Average	6.00	8.00	87.0	0.43
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

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

Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	1.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	2.00	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	23.8	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	5.00	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	4.76	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	126,360	42,120	49,950	16,650	16,204

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	600	0.00	—
Grading	—	—	1,200	0.00	—
Paving	0.00	0.00	0.00	0.00	6.55

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Convenience Market with Gas Pumps	0.00	0%
Fast Food Restaurant with Drive Thru	0.00	0%
Single Family Housing	0.35	0%
Other Asphalt Surfaces	6.20	100%
High Turnover (Sit Down Restaurant)	0.00	0%

Quality Restaurant	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	15.0	annual days of extreme heat
Extreme Precipitation	4.00	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	35.4	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	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	72.8
AQ-PM	89.7
AQ-DPM	85.7

Drinking Water	85.7
Lead Risk Housing	5.43
Pesticides	0.00
Toxic Releases	68.4
Traffic	73.0
Effect Indicators	—
CleanUp Sites	47.6
Groundwater	0.00
Haz Waste Facilities/Generators	65.9
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	17.7
Cardio-vascular	55.6
Low Birth Weights	35.0
Socioeconomic Factor Indicators	—
Education	34.8
Housing	13.9
Linguistic	43.9
Poverty	32.0
Unemployment	64.5

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	87.60426023

Employed	68.38188118
Median HI	91.41537277
Education	—
Bachelor's or higher	72.98857949
High school enrollment	21.05735917
Preschool enrollment	74.18195817
Transportation	—
Auto Access	90.86359553
Active commuting	16.68163737
Social	—
2-parent households	77.37713332
Voting	54.17682536
Neighborhood	—
Alcohol availability	88.3485179
Park access	43.85987425
Retail density	23.97022969
Supermarket access	30.95085333
Tree canopy	72.38547414
Housing	—
Homeownership	91.03041191
Housing habitability	80.07185936
Low-inc homeowner severe housing cost burden	86.1157449
Low-inc renter severe housing cost burden	19.90247658
Uncrowded housing	79.21211344
Health Outcomes	—
Insured adults	79.19928141
Arthritis	74.6

Asthma ER Admissions	80.4
High Blood Pressure	62.1
Cancer (excluding skin)	49.7
Asthma	76.7
Coronary Heart Disease	88.8
Chronic Obstructive Pulmonary Disease	86.1
Diagnosed Diabetes	85.5
Life Expectancy at Birth	51.9
Cognitively Disabled	82.5
Physically Disabled	81.6
Heart Attack ER Admissions	41.3
Mental Health Not Good	77.2
Chronic Kidney Disease	85.5
Obesity	63.1
Pedestrian Injuries	19.6
Physical Health Not Good	83.3
Stroke	91.3
Health Risk Behaviors	—
Binge Drinking	24.0
Current Smoker	73.3
No Leisure Time for Physical Activity	74.2
Climate Change Exposures	—
Wildfire Risk	29.3
SLR Inundation Area	0.0
Children	48.8
Elderly	88.2
English Speaking	77.6

Foreign-born	53.7
Outdoor Workers	67.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	82.0
Traffic Density	52.1
Traffic Access	23.0
Other Indices	—
Hardship	13.5
Other Decision Support	—
2016 Voting	70.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	44.0
Healthy Places Index Score for Project Location (b)	81.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & 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	Taken from site plan
Construction: Construction Phases	Client provided schedule Building, Paving, and Architectural Coating overlap to present a conservative analysis
Construction: Off-Road Equipment	T/L/B replaced with Crawler Tractor to accurately calculate disturbance for Site Preparation and Grading phases Standard 8-hour work days
Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Site Preparation, Grading, and Building Construction
Construction: Architectural Coatings	SCAQMD Rule 1113
Construction: Dust From Material Movement	As a conservative measure, it is assumed that a maximum of 20 acres per day can be actively disturbed during construction of the site

Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site	Demolition	2.09	30	62.76482373	2.092160791	0.261520099
Exhaust PM-10	Site Preparation	3.61	20	72.16672751	3.608336376	0.451042047
	Grading	0.37	50	18.41406584	0.368281317	0.046035165
	Building Construction	2.05	160	328.5508923	2.053443077	0.256680385
	Paving	0.39	75	29.19042079	0.389205611	0.048650701
	Architectural Coating	0.04	150	6.373830104	0.042492201	0.005311525
	Site Preparation	1.93	20	38.61864044	1.930932022	0.241366503
	Grading	1.52	45	68.29490595	1.517664577	0.189708072
	Building Construction	1.78	100	178.0678674	1.780678674	0.222584834
	Paving	0.35	35	12.20058853	0.348588244	0.04357353
	Architectural Coating	0.04	70	2.559812006	0.036568743	0.004571093
		14.17	427	817.2025747	1.91382336	0.23922792
Off-Site	Demolition	7.31E-03	30	0.219315858	0.007310529	0.000913816
Exhaust PM-10	Site Preparation	4.05E-03	20	0.080953743	0.004047687	0.000505961
	Grading	4.96E-01	50	24.82316885	0.496463377	0.062057922
	Building Construction	3.37E-02	160	5.396916174	0.033730726	0.004216341
	Paving	0.00E+00	75	0	0	0
	Architectural Coating	0.00E+00	150	0	0	0
	Site Preparation	4.50E-04	20	0.00899486	0.000449743	5.62179E-05
	Grading	8.99E-04	45	0.040476871	0.000899486	0.000112436
	Building Construction	2.25E-03	100	0.224871507	0.002248715	0.000281089
	Paving	0.00E+00	35	0	0	0
	Architectural Coating	0.00E+00	70	0	0	0
		5.45E-01	427	30.79469787	0.07211873	0.009014841

	Phase	Start Date	End Date	No. Days
PA 1-3	Demolition	1/1/2024	2/9/2024	30
	Site Preparation	2/12/2024	3/8/2024	20
	Grading	3/11/2024	5/17/2024	50
	Building Construction	5/20/2024	12/27/2024	160
	Paving	9/16/2024	12/27/2024	75
	Architectural Coating	6/3/2024	12/27/2024	150
PA 4-5	Site Preparation	1/1/2025	1/28/2025	20
	Grading	1/29/2025	4/1/2025	45
	Building Construction	4/2/2025	8/19/2025	100
	Paving	7/2/2025	8/19/2025	35
	Architectural Coating	5/14/2025	8/19/2025	70
			Total Days of Construction	**427**

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APPENDIX 2.2:

EMISSIONS SUMMARY

AVERAGE EMISSION FACTOR
RIVERSIDE COUNTY 2026

Speed	LHD1	LHD2	MHD	HHD
0	0.363435	0.583122	0.042564	0.01187
5	0.043322	0.063565	0.025956	0.01166
25	0.020162	0.030795	0.00693	0.00583

Speed	**Weighted Average Emissions**
0	**0.09818**
5	**0.02167**
25	**0.00940**

Truck Emission Rates						
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Building 1	90			0.0982	4.37	5.060E-05
On-Site Idling - Building 2	40			0.0982	1.92	2.223E-05
On-Site Idling - Building 3	39			0.0982	1.91	2.208E-05
On-Site Idling - Building 4	30			0.0982	1.44	1.662E-05
On-Site Idling - Building 5	25			0.0982	1.23	1.422E-05
On-Site Travel - Building 1	180	58.15	0.0217		1.82	2.103E-05
On-Site Travel - Building 2	79	19.94	0.0217		0.62	7.214E-06
On-Site Travel - Building 3	79	21.05	0.0217		0.66	7.616E-06
On-Site Travel - Building 4	59	13.56	0.0217		0.42	4.905E-06
On-Site Travel - Building 5	51	12.51	0.0217		0.39	4.524E-06
Off-Site Travel - Green River Road 100% Inbound/Outbound	448	115.75	0.0094		1.31	1.516E-05

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

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

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

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2026	Annual	Riverside	HHDT	Dsl	60	70	RUNEX	5	PM10	0.012278
2026	Annual	Riverside	HHDT	Dsl	60	70	RUNEX	25	PM10	0.006143
2026	Annual	Riverside	HHDT	Dsl			IDLEX		PM10	0.012496
2026	Annual	Riverside	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.094016
2026	Annual	Riverside	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.043754
2026	Annual	Riverside	LHDT1	Dsl			IDLEX		PM10	0.788713
2026	Annual	Riverside	LHDT2	Dsl	60	70	RUNEX	5	PM10	0.086355
2026	Annual	Riverside	LHDT2	Dsl	60	70	RUNEX	25	PM10	0.041836
2026	Annual	Riverside	LHDT2	Dsl			IDLEX		PM10	0.79219
2026	Annual	Riverside	MHDT	Dsl	60	70	RUNEX	5	PM10	0.028258
2026	Annual	Riverside	MHDT	Dsl	60	70	RUNEX	25	PM10	0.007545
2026	Annual	Riverside	MHDT	Dsl			IDLEX		PM10	0.046341

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

Region	Calendar `	Vehicle Ca	Model Yea	Speed	Fuel	Population
Riverside	2026	HHDT	Aggregate	Aggregate	Gasoline	5.30171
Riverside	2026	HHDT	Aggregate	Aggregate	Diesel	15687.8
Riverside	2026	HHDT	Aggregate	Aggregate	Natural Ga	822.986
Riverside	2026	LHDT1	Aggregate	Aggregate	Gasoline	17398.3
Riverside	2026	LHDT1	Aggregate	Aggregate	Diesel	14868.3
Riverside	2026	LHDT2	Aggregate	Aggregate	Gasoline	2430.03
Riverside	2026	LHDT2	Aggregate	Aggregate	Diesel	6777.72
Riverside	2026	MHDT	Aggregate	Aggregate	Gasoline	1204.16
Riverside	2026	MHDT	Aggregate	Aggregate	Diesel	13571.6
Riverside	2026	MHDT	Aggregate	Aggregate	Natural Ga	180.813

HHDT% GAS/NG	0.05015
HHDT% DSL	0.94985
LHDT1% GAS	0.5392
LHDT1% DSL	0.4608
LHDT2% GAS	0.26391
LHDT2% DSL	0.73609
MHDT% GAS	0.0815
MHDT% DSL	0.9185

Gasoline Dispensing Emissions

Emission Factors

Pollutant		Loading	Breathing	Refueling	Hose Perm.	Spillage	Total
ROG (lbs/1000 gal)		0.15	0.024	0.021	0.009	0.24	0.444
Benzene	%wt	0.455%	0.455%	0.455%	0.455%	0.707%	
	EF (lbs/1000gal)	0.000683	0.000109	0.000096	0.000041	0.001697	0.002625
Ethyl Benzene	%wt	0.107%	0.107%	0.107%	0.107%	1.29%	
	EF (lbs/1000gal)	0.0001605	0.00002568	0.00002247	0.00000963	0.003096	0.0033143
Naphthalene	%wt	0.0004%	0.0004%	0.0004%	0.0004%	0.17%	
	EF (lbs/1000gal)	0.0000006	0.000000096	0.000000084	3.6E-08	0.0004176	0.0004184

Source: CARB Gasoline Service Station Industrywide Risk Assessment Technical Guidance

	Emissions	
Annual Throughput:	1,000	1000 gals
Max Hourly	1.8	1000 gals

Pollutant	Emissions		
	lbs/yr	lbs/day	lbs/hr
ROG	444.00	1.22	0.799
Benzene (71432)	2.63	0.01	0.005
Ethyl Benzene (100414)	3.31	0.01	0.006
Naphthalene (91203)	0.42	0.00	0.001

Release Type	Source	Emissions (lbs/hr)		
		Benzene	Ethyl Benzene	Naphthalene
Refueling/Hose Permeation	REF	2.457E-04	5.778E-05	2.160E-07
Spillage	SPILL	3.054E-03	5.573E-03	7.517E-04
Loading	LOAD	1.229E-03	2.889E-04	1.080E-06
Breathing	BREATHE	1.966E-04	4.622E-05	1.728E-07

Release Type	Source	Emissions (lbs/yr)		
		Benzene	Ethyl Benzene	Naphthalene
Refueling/Hose Permeation	REF	1.365E-01	3.210E-02	1.200E-04
Spillage	SPILL	1.697E+00	3.096E+00	4.176E-01
Loading	LOAD	6.825E-01	1.605E-01	6.000E-04
Breathing	BREATHE	1.092E-01	2.568E-02	9.600E-05

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APPENDIX 2.3:

AERMOD MODEL INPUT/OUTPUT

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 6/10/2024
** File: C:\Users\adadabhoy\Desktop\AERMOD\12630 Green River Ranch\12630 Cons\12630
Cons.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\12630 O
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2189641 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "12630 Cons.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     439309.748  3748858.376      161.250
   LOCATION VOL2         VOLUME     439374.128  3748922.763      156.930
   LOCATION VOL3         VOLUME     439455.801  3748932.328      154.240
   LOCATION VOL4         VOLUME     439463.159  3748879.351      157.760
   LOCATION VOL5         VOLUME     439391.051  3748849.183      160.760
   LOCATION VOL6         VOLUME     439538.210  3748941.894      153.630
   LOCATION VOL7         VOLUME     439791.324  3748855.070      157.420
   LOCATION VOL8         VOLUME     439711.122  3748854.334      157.470
   LOCATION VOL9         VOLUME     439633.128  3748853.598      157.760
   LOCATION VOL10        VOLUME     439551.455  3748852.127      158.730
   LOCATION VOL11        VOLUME     439793.532  3748775.604      163.250
   LOCATION VOL12        VOLUME     439712.594  3748774.868      161.370
   LOCATION VOL13        VOLUME     439632.392  3748774.132      162.310
   LOCATION VOL14        VOLUME     439552.190  3748773.396      163.870
```

```
   LOCATION VOL15        VOLUME     439471.989  3748772.661      162.240
   LOCATION VOL16        VOLUME     439391.051  3748771.925      164.850
   LOCATION VOL17        VOLUME     439310.849  3748769.717      165.560
   LOCATION VOL18        VOLUME     439121.750  3748688.044      178.040
   LOCATION VOL19        VOLUME     439202.687  3748688.044      176.120
   LOCATION VOL20        VOLUME     439283.625  3748689.516      171.580
   LOCATION VOL21        VOLUME     439365.298  3748690.251      170.660
   LOCATION VOL22        VOLUME     439446.972  3748692.459      169.250
   LOCATION VOL23        VOLUME     439528.645  3748693.930      171.250
   LOCATION VOL24        VOLUME     439610.318  3748694.666      167.770
   LOCATION VOL25        VOLUME     439691.992  3748693.195      166.370
   LOCATION VOL26        VOLUME     439772.929  3748693.195      175.080
   LOCATION VOL27        VOLUME     439822.963  3748612.993      188.660
   LOCATION VOL28        VOLUME     439743.497  3748613.729      173.330
   LOCATION VOL29        VOLUME     439662.560  3748612.993      177.500
   LOCATION VOL30        VOLUME     439583.094  3748613.729      177.610
   LOCATION VOL31        VOLUME     439502.156  3748613.729      180.210
   LOCATION VOL32        VOLUME     439421.219  3748612.993      175.050
   LOCATION VOL33        VOLUME     439341.753  3748613.729      180.220
   LOCATION VOL34        VOLUME     439260.815  3748613.729      185.530
   LOCATION VOL35        VOLUME     439180.613  3748611.521      196.860
   LOCATION VOL36        VOLUME     439132.787  3748609.314      188.370
   LOCATION VOL37        VOLUME     439132.051  3748527.640      198.180
   LOCATION VOL38        VOLUME     439212.988  3748528.376      207.120
   LOCATION VOL39        VOLUME     439291.719  3748530.584      210.020
   LOCATION VOL40        VOLUME     439372.656  3748531.319      192.510
   LOCATION VOL41        VOLUME     439453.594  3748530.584      191.060
   LOCATION VOL42        VOLUME     439535.267  3748532.791      202.180
   LOCATION VOL43        VOLUME     439616.205  3748533.527      177.120
   LOCATION VOL44        VOLUME     439697.142  3748532.791      199.900
   LOCATION VOL45        VOLUME     439778.080  3748534.998      179.030
   LOCATION VOL46        VOLUME     439821.492  3748532.055      188.360
   LOCATION VOL48        VOLUME     439213.724  3748448.174      212.290
   LOCATION VOL49        VOLUME     439293.926  3748449.646      227.840
   LOCATION VOL50        VOLUME     439373.392  3748451.118      194.220
   LOCATION VOL51        VOLUME     439452.858  3748449.646      203.050
   LOCATION VOL52        VOLUME     439534.531  3748451.118      218.960
   LOCATION VOL53        VOLUME     439614.733  3748453.325      186.120
   LOCATION VOL54        VOLUME     439696.407  3748454.797      204.900
   LOCATION VOL55        VOLUME     439780.287  3748453.325      199.550
   LOCATION VOL58        VOLUME     439290.247  3748369.444      229.260
   LOCATION VOL59        VOLUME     439370.449  3748369.444      199.150
   LOCATION VOL60        VOLUME     439451.386  3748370.916      231.160
   LOCATION VOL61        VOLUME     439533.796  3748370.916      220.080
   LOCATION VOL62        VOLUME     439613.997  3748373.123      193.690
   LOCATION VOL63        VOLUME     439693.463  3748374.595      208.120
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
```

```
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0011358509
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 13
** 439078.338, 3748930.857, 157.24, 3.49, 6.51
** 439236.534, 3748847.712, 164.01, 3.49, 6.51
** 439311.585, 3748802.828, 164.11, 3.49, 6.51
** 439359.412, 3748787.377, 164.00, 3.49, 6.51
** 439386.636, 3748788.112, 164.00, 3.49, 6.51
** 439415.332, 3748796.942, 162.21, 3.49, 6.51
** 439456.537, 3748813.865, 160.07, 3.49, 6.51
** 439489.648, 3748841.090, 159.37, 3.49, 6.51
** 439560.284, 3748903.632, 155.30, 3.49, 6.51
** 439586.773, 3748917.612, 155.21, 3.49, 6.51
** 439613.997, 3748927.914, 154.17, 3.49, 6.51
** 439660.353, 3748927.914, 153.28, 3.49, 6.51
** 439826.642, 3748915.405, 155.07, 3.49, 6.51
** ----------------------------------------------------------------
   LOCATION L0000001     VOLUME   439084.534 3748927.600 157.59
   LOCATION L0000002     VOLUME   439096.927 3748921.087 158.02
   LOCATION L0000003     VOLUME   439109.319 3748914.573 158.46
   LOCATION L0000004     VOLUME   439121.712 3748908.060 158.89
   LOCATION L0000005     VOLUME   439134.104 3748901.547 159.49
   LOCATION L0000006     VOLUME   439146.497 3748895.033 160.14
   LOCATION L0000007     VOLUME   439158.890 3748888.520 160.79
   LOCATION L0000008     VOLUME   439171.282 3748882.007 161.44
   LOCATION L0000009     VOLUME   439183.675 3748875.494 162.09
   LOCATION L0000010     VOLUME   439196.067 3748868.980 162.74
   LOCATION L0000011     VOLUME   439208.460 3748862.467 163.39
   LOCATION L0000012     VOLUME   439220.853 3748855.954 163.78
   LOCATION L0000013     VOLUME   439233.245 3748849.440 163.98
   LOCATION L0000014     VOLUME   439245.361 3748842.433 163.96
   LOCATION L0000015     VOLUME   439257.376 3748835.247 164.00
   LOCATION L0000016     VOLUME   439269.391 3748828.062 164.22
   LOCATION L0000017     VOLUME   439281.407 3748820.876 164.30
   LOCATION L0000018     VOLUME   439293.422 3748813.691 164.29
   LOCATION L0000019     VOLUME   439305.437 3748806.505 164.19
   LOCATION L0000020     VOLUME   439318.090 3748800.726 164.23
   LOCATION L0000021     VOLUME   439331.412 3748796.422 164.29
   LOCATION L0000022     VOLUME   439344.734 3748792.118 164.20
   LOCATION L0000023     VOLUME   439358.056 3748787.814 163.99
   LOCATION L0000024     VOLUME   439371.983 3748787.716 163.94
   LOCATION L0000025     VOLUME   439385.978 3748788.095 163.89
   LOCATION L0000026     VOLUME   439399.388 3748792.036 163.08
   LOCATION L0000027     VOLUME   439412.768 3748796.153 162.30
   LOCATION L0000028     VOLUME   439425.801 3748801.242 161.57
   LOCATION L0000029     VOLUME   439438.752 3748806.560 160.71
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   LOCATION L0000030     VOLUME   439451.702 3748811.879 160.01
   LOCATION L0000031     VOLUME   439463.313 3748819.437 159.95
   LOCATION L0000032     VOLUME   439474.127 3748828.328 159.67
   LOCATION L0000033     VOLUME   439484.941 3748837.220 159.49
   LOCATION L0000034     VOLUME   439495.568 3748846.331 159.54
   LOCATION L0000035     VOLUME   439506.049 3748855.612 159.31
   LOCATION L0000036     VOLUME   439516.531 3748864.893 158.68
   LOCATION L0000037     VOLUME   439527.013 3748874.173 158.11
   LOCATION L0000038     VOLUME   439537.495 3748883.454 157.53
   LOCATION L0000039     VOLUME   439547.977 3748892.735 156.62
   LOCATION L0000040     VOLUME   439558.458 3748902.016 155.66
   LOCATION L0000041     VOLUME   439570.509 3748909.029 154.91
   LOCATION L0000042     VOLUME   439582.890 3748915.563 154.70
   LOCATION L0000043     VOLUME   439595.761 3748921.013 154.51
   LOCATION L0000044     VOLUME   439608.855 3748925.968 154.35
   LOCATION L0000045     VOLUME   439622.499 3748927.914 154.28
   LOCATION L0000046     VOLUME   439636.499 3748927.914 154.11
   LOCATION L0000047     VOLUME   439650.499 3748927.914 153.78
   LOCATION L0000048     VOLUME   439664.487 3748927.603 153.59
   LOCATION L0000049     VOLUME   439678.448 3748926.552 153.66
   LOCATION L0000050     VOLUME   439692.408 3748925.502 153.73
   LOCATION L0000051     VOLUME   439706.369 3748924.452 153.80
   LOCATION L0000052     VOLUME   439720.330 3748923.402 153.87
   LOCATION L0000053     VOLUME   439734.290 3748922.352 153.94
   LOCATION L0000054     VOLUME   439748.251 3748921.302 154.01
   LOCATION L0000055     VOLUME   439762.211 3748920.252 154.08
   LOCATION L0000056     VOLUME   439776.172 3748919.202 154.15
   LOCATION L0000057     VOLUME   439790.132 3748918.151 154.22
   LOCATION L0000058     VOLUME   439804.093 3748917.101 154.29
   LOCATION L0000059     VOLUME   439818.053 3748916.051 154.36
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
   SRCPARAM VOL1         0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL2         0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL3         0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL4         0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL5         0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL6         0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL7         0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL8         0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL9         0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL10        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL11        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL12        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL13        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL14        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL15        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL16        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL17        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL18        0.0005023702     5.000    18.651     1.400
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   SRCPARAM VOL19        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL20        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL21        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL22        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL23        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL24        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL25        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL26        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL27        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL28        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL29        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL30        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL31        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL32        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL33        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL34        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL35        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL36        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL37        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL38        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL39        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL40        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL41        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL42        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL43        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL44        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL45        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL46        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL48        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL49        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL50        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL51        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL52        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL53        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL54        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL55        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL58        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL59        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL60        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL61        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL62        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL63        0.0005023702     5.000    18.651     1.400
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000001     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000002     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000003     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000004     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000005     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000006     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000007     0.0000192517      3.49      6.51      3.25
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SRCPARAM L0000008     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000009     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000010     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000011     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000012     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000013     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000014     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000015     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000016     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000017     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000018     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000019     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000020     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000021     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000022     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000023     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000024     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000025     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000026     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000027     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000028     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000029     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000030     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000031     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000032     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000033     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000034     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000035     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000036     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000037     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000038     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000039     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000040     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000041     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000042     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000043     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000044     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000045     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000046     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000047     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000048     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000049     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000050     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000051     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000052     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000053     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000054     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000055     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000056     0.0000192517      3.49      6.51      3.25
SRCPARAM L0000057     0.0000192517      3.49      6.51      3.25
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   SRCPARAM L0000058     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000059     0.0000192517      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
** 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
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   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
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   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:
   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
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   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL12        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   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
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   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL14        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL15        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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
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   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
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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
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   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
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   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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
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   EMISFACT VOL27        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL28        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL29        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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
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   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
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   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL34        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL38        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL39        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL40        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL41        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL42        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL43        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL44        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL45        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL49        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL50        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL51        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL52        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL53        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL54        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL55        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL58        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL59        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL60        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL61        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL62        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000001     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000002     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000003     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000004     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000005     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000006     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000007     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000008     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000009     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000010     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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EMISFACT L0000011     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000012     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000013     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000014     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000015     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000016     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000017     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000018     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000019     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000020     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000021     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000022     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000023     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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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
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EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "12630 Cons.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KRAL_V9_ADJU\KRAL_v9.SFC
   PROFFILE KRAL_V9_ADJU\KRAL_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   PROFBASE 245.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
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   PLOTFILE PERIOD ALL "12630 CONS.AD\PE00GALL.PLT" 31
   SUMMFILE "12630 Cons.sum"
OU FINISHED
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** Project Parameters
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** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
** ZONE     11
** ZONEINX  0
**
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 6/10/2024
** File: C:\Users\adadabhoy\Desktop\AERMOD\12630 Green River Ranch\12630 Cons\12630
Cons.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\12630 O
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2189641 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "12630 Cons.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
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** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     439309.748  3748858.376      161.250
   LOCATION VOL2         VOLUME     439374.128  3748922.763      156.930
   LOCATION VOL3         VOLUME     439455.801  3748932.328      154.240
   LOCATION VOL4         VOLUME     439463.159  3748879.351      157.760
   LOCATION VOL5         VOLUME     439391.051  3748849.183      160.760
   LOCATION VOL6         VOLUME     439538.210  3748941.894      153.630
   LOCATION VOL7         VOLUME     439791.324  3748855.070      157.420
   LOCATION VOL8         VOLUME     439711.122  3748854.334      157.470
   LOCATION VOL9         VOLUME     439633.128  3748853.598      157.760
   LOCATION VOL10        VOLUME     439551.455  3748852.127      158.730
   LOCATION VOL11        VOLUME     439793.532  3748775.604      163.250
   LOCATION VOL12        VOLUME     439712.594  3748774.868      161.370
   LOCATION VOL13        VOLUME     439632.392  3748774.132      162.310
   LOCATION VOL14        VOLUME     439552.190  3748773.396      163.870
   LOCATION VOL15        VOLUME     439471.989  3748772.661      162.240
   LOCATION VOL16        VOLUME     439391.051  3748771.925      164.850
   LOCATION VOL17        VOLUME     439310.849  3748769.717      165.560
   LOCATION VOL18        VOLUME     439121.750  3748688.044      178.040
   LOCATION VOL19        VOLUME     439202.687  3748688.044      176.120
   LOCATION VOL20        VOLUME     439283.625  3748689.516      171.580
   LOCATION VOL21        VOLUME     439365.298  3748690.251      170.660
   LOCATION VOL22        VOLUME     439446.972  3748692.459      169.250
   LOCATION VOL23        VOLUME     439528.645  3748693.930      171.250
   LOCATION VOL24        VOLUME     439610.318  3748694.666      167.770
   LOCATION VOL25        VOLUME     439691.992  3748693.195      166.370
   LOCATION VOL26        VOLUME     439772.929  3748693.195      175.080
   LOCATION VOL27        VOLUME     439822.963  3748612.993      188.660
   LOCATION VOL28        VOLUME     439743.497  3748613.729      173.330
   LOCATION VOL29        VOLUME     439662.560  3748612.993      177.500
   LOCATION VOL30        VOLUME     439583.094  3748613.729      177.610
   LOCATION VOL31        VOLUME     439502.156  3748613.729      180.210
   LOCATION VOL32        VOLUME     439421.219  3748612.993      175.050
   LOCATION VOL33        VOLUME     439341.753  3748613.729      180.220
   LOCATION VOL34        VOLUME     439260.815  3748613.729      185.530
   LOCATION VOL35        VOLUME     439180.613  3748611.521      196.860
   LOCATION VOL36        VOLUME     439132.787  3748609.314      188.370
   LOCATION VOL37        VOLUME     439132.051  3748527.640      198.180
   LOCATION VOL38        VOLUME     439212.988  3748528.376      207.120
   LOCATION VOL39        VOLUME     439291.719  3748530.584      210.020
   LOCATION VOL40        VOLUME     439372.656  3748531.319      192.510
   LOCATION VOL41        VOLUME     439453.594  3748530.584      191.060
   LOCATION VOL42        VOLUME     439535.267  3748532.791      202.180
   LOCATION VOL43        VOLUME     439616.205  3748533.527      177.120
   LOCATION VOL44        VOLUME     439697.142  3748532.791      199.900
   LOCATION VOL45        VOLUME     439778.080  3748534.998      179.030
   LOCATION VOL46        VOLUME     439821.492  3748532.055      188.360
   LOCATION VOL48        VOLUME     439213.724  3748448.174      212.290
   LOCATION VOL49        VOLUME     439293.926  3748449.646      227.840
   LOCATION VOL50        VOLUME     439373.392  3748451.118      194.220
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   LOCATION VOL51        VOLUME     439452.858  3748449.646      203.050
   LOCATION VOL52        VOLUME     439534.531  3748451.118      218.960
   LOCATION VOL53        VOLUME     439614.733  3748453.325      186.120
   LOCATION VOL54        VOLUME     439696.407  3748454.797      204.900
   LOCATION VOL55        VOLUME     439780.287  3748453.325      199.550
   LOCATION VOL58        VOLUME     439290.247  3748369.444      229.260
   LOCATION VOL59        VOLUME     439370.449  3748369.444      199.150
   LOCATION VOL60        VOLUME     439451.386  3748370.916      231.160
   LOCATION VOL61        VOLUME     439533.796  3748370.916      220.080
   LOCATION VOL62        VOLUME     439613.997  3748373.123      193.690
   LOCATION VOL63        VOLUME     439693.463  3748374.595      208.120
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0011358509
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 13
** 439078.338, 3748930.857, 157.24, 3.49, 6.51
** 439236.534, 3748847.712, 164.01, 3.49, 6.51
** 439311.585, 3748802.828, 164.11, 3.49, 6.51
** 439359.412, 3748787.377, 164.00, 3.49, 6.51
** 439386.636, 3748788.112, 164.00, 3.49, 6.51
** 439415.332, 3748796.942, 162.21, 3.49, 6.51
** 439456.537, 3748813.865, 160.07, 3.49, 6.51
** 439489.648, 3748841.090, 159.37, 3.49, 6.51
** 439560.284, 3748903.632, 155.30, 3.49, 6.51
** 439586.773, 3748917.612, 155.21, 3.49, 6.51
** 439613.997, 3748927.914, 154.17, 3.49, 6.51
** 439660.353, 3748927.914, 153.28, 3.49, 6.51
** 439826.642, 3748915.405, 155.07, 3.49, 6.51
** ----------------------------------------------------------------------
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   LOCATION L0000002     VOLUME   439096.927 3748921.087 158.02
   LOCATION L0000003     VOLUME   439109.319 3748914.573 158.46
   LOCATION L0000004     VOLUME   439121.712 3748908.060 158.89
   LOCATION L0000005     VOLUME   439134.104 3748901.547 159.49
   LOCATION L0000006     VOLUME   439146.497 3748895.033 160.14
   LOCATION L0000007     VOLUME   439158.890 3748888.520 160.79
   LOCATION L0000008     VOLUME   439171.282 3748882.007 161.44
   LOCATION L0000009     VOLUME   439183.675 3748875.494 162.09
   LOCATION L0000010     VOLUME   439196.067 3748868.980 162.74
   LOCATION L0000011     VOLUME   439208.460 3748862.467 163.39
   LOCATION L0000012     VOLUME   439220.853 3748855.954 163.78
   LOCATION L0000013     VOLUME   439233.245 3748849.440 163.98
   LOCATION L0000014     VOLUME   439245.361 3748842.433 163.96
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   LOCATION L0000015     VOLUME   439257.376 3748835.247 164.00
   LOCATION L0000016     VOLUME   439269.391 3748828.062 164.22
   LOCATION L0000017     VOLUME   439281.407 3748820.876 164.30
   LOCATION L0000018     VOLUME   439293.422 3748813.691 164.29
   LOCATION L0000019     VOLUME   439305.437 3748806.505 164.19
   LOCATION L0000020     VOLUME   439318.090 3748800.726 164.23
   LOCATION L0000021     VOLUME   439331.412 3748796.422 164.29
   LOCATION L0000022     VOLUME   439344.734 3748792.118 164.20
   LOCATION L0000023     VOLUME   439358.056 3748787.814 163.99
   LOCATION L0000024     VOLUME   439371.983 3748787.716 163.94
   LOCATION L0000025     VOLUME   439385.978 3748788.095 163.89
   LOCATION L0000026     VOLUME   439399.388 3748792.036 163.08
   LOCATION L0000027     VOLUME   439412.768 3748796.153 162.30
   LOCATION L0000028     VOLUME   439425.801 3748801.242 161.57
   LOCATION L0000029     VOLUME   439438.752 3748806.560 160.71
   LOCATION L0000030     VOLUME   439451.702 3748811.879 160.01
   LOCATION L0000031     VOLUME   439463.313 3748819.437 159.95
   LOCATION L0000032     VOLUME   439474.127 3748828.328 159.67
   LOCATION L0000033     VOLUME   439484.941 3748837.220 159.49
   LOCATION L0000034     VOLUME   439495.568 3748846.331 159.54
   LOCATION L0000035     VOLUME   439506.049 3748855.612 159.31
   LOCATION L0000036     VOLUME   439516.531 3748864.893 158.68
   LOCATION L0000037     VOLUME   439527.013 3748874.173 158.11
   LOCATION L0000038     VOLUME   439537.495 3748883.454 157.53
   LOCATION L0000039     VOLUME   439547.977 3748892.735 156.62
   LOCATION L0000040     VOLUME   439558.458 3748902.016 155.66
   LOCATION L0000041     VOLUME   439570.509 3748909.029 154.91
   LOCATION L0000042     VOLUME   439582.890 3748915.563 154.70
   LOCATION L0000043     VOLUME   439595.761 3748921.013 154.51
   LOCATION L0000044     VOLUME   439608.855 3748925.968 154.35
   LOCATION L0000045     VOLUME   439622.499 3748927.914 154.28
   LOCATION L0000046     VOLUME   439636.499 3748927.914 154.11
   LOCATION L0000047     VOLUME   439650.499 3748927.914 153.78
   LOCATION L0000048     VOLUME   439664.487 3748927.603 153.59
   LOCATION L0000049     VOLUME   439678.448 3748926.552 153.66
   LOCATION L0000050     VOLUME   439692.408 3748925.502 153.73
   LOCATION L0000051     VOLUME   439706.369 3748924.452 153.80
   LOCATION L0000052     VOLUME   439720.330 3748923.402 153.87
   LOCATION L0000053     VOLUME   439734.290 3748922.352 153.94
   LOCATION L0000054     VOLUME   439748.251 3748921.302 154.01
   LOCATION L0000055     VOLUME   439762.211 3748920.252 154.08
   LOCATION L0000056     VOLUME   439776.172 3748919.202 154.15
   LOCATION L0000057     VOLUME   439790.132 3748918.151 154.22
   LOCATION L0000058     VOLUME   439804.093 3748917.101 154.29
   LOCATION L0000059     VOLUME   439818.053 3748916.051 154.36
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
   SRCPARAM VOL1         0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL2         0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL3         0.0005023702     5.000    18.651     1.400
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SRCPARAM VOL4         0.0005023702     5.000    18.651     1.400
SRCPARAM VOL5         0.0005023702     5.000    18.651     1.400
SRCPARAM VOL6         0.0005023702     5.000    18.651     1.400
SRCPARAM VOL7         0.0005023702     5.000    18.651     1.400
SRCPARAM VOL8         0.0005023702     5.000    18.651     1.400
SRCPARAM VOL9         0.0005023702     5.000    18.651     1.400
SRCPARAM VOL10        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL11        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL12        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL13        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL14        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL15        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL16        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL17        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL18        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL19        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL20        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL21        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL22        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL23        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL24        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL25        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL26        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL27        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL28        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL29        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL30        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL31        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL32        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL33        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL34        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL35        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL36        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL37        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL38        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL39        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL40        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL41        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL42        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL43        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL44        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL45        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL46        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL48        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL49        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL50        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL51        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL52        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL53        0.0005023702     5.000    18.651     1.400
SRCPARAM VOL54        0.0005023702     5.000    18.651     1.400
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   SRCPARAM VOL55        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL58        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL59        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL60        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL61        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL62        0.0005023702     5.000    18.651     1.400
   SRCPARAM VOL63        0.0005023702     5.000    18.651     1.400
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000001     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000002     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000003     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000004     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000005     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000006     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000007     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000008     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000009     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000010     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000011     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000012     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000013     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000014     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000015     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000016     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000017     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000018     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000019     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000020     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000021     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000022     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000023     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000024     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000025     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000026     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000027     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000028     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000029     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000030     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000031     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000032     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000033     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000034     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000035     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000036     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000037     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000038     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000039     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000040     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000041     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000042     0.0000192517      3.49      6.51      3.25
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   SRCPARAM L0000043     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000044     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000045     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000046     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000047     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000048     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000049     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000050     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000051     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000052     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000053     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000054     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000055     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000056     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000057     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000058     0.0000192517      3.49      6.51      3.25
   SRCPARAM L0000059     0.0000192517      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
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   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   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
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   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:
   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
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   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL12        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   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
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   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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
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   EMISFACT VOL16        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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
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   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   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
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   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   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
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   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
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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
** 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
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   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL33        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL34        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL36        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL36        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL37        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL37        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL38        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL38        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL39        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL39        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL40        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL40        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL41        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL41        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL42        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL42        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL43        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL43        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL44        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL44        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL45        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL45        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL46        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL46        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL48        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL48        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL49        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL49        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL50        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL50        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL51        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL51        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL52        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL52        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL53        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL53        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL54        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL54        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL55        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL55        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL58        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL58        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL59        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL59        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL60        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL60        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL61        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL61        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL62        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL62        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL63        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL63        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000001     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000002     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000003     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000004     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000005     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000006     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000007     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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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
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EMISFACT L0000012     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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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
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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
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
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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
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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
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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
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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
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EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000033     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000033     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000034     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000057     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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** Sunday:
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   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "12630 Cons.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
```

```
ME STARTING
   SURFFILE KRAL_V9_ADJU\KRAL_v9.SFC
   PROFFILE KRAL_V9_ADJU\KRAL_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   PROFBASE 245.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "12630 CONS.AD\PE00GALL.PLT" 31
   SUMMFILE "12630 Cons.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    1941       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    1941       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       10:11:19

                                   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   119 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  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:    119 Source(s);       1 Source Group(s); and     121
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    119 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) = 245.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: 12630 Cons.err

**File for Summary of Results: 12630 Cons.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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
VOL1	0	0.50237E-03	439309.7	3748858.4	161.2	5.00	18.65	1.40	YES	HRDOW	NO

```
 VOL2            0   0.50237E-03  439374.1 3748922.8   156.9     5.00    18.65
1.40     YES   HRDOW            NO
 VOL3            0   0.50237E-03  439455.8 3748932.3   154.2     5.00    18.65
1.40     YES   HRDOW            NO
 VOL4            0   0.50237E-03  439463.2 3748879.4   157.8     5.00    18.65
1.40     YES   HRDOW            NO
 VOL5            0   0.50237E-03  439391.1 3748849.2   160.8     5.00    18.65
1.40     YES   HRDOW            NO
 VOL6            0   0.50237E-03  439538.2 3748941.9   153.6     5.00    18.65
1.40     YES   HRDOW            NO
 VOL7            0   0.50237E-03  439791.3 3748855.1   157.4     5.00    18.65
1.40     YES   HRDOW            NO
 VOL8            0   0.50237E-03  439711.1 3748854.3   157.5     5.00    18.65
1.40     YES   HRDOW            NO
 VOL9            0   0.50237E-03  439633.1 3748853.6   157.8     5.00    18.65
1.40     YES   HRDOW            NO
 VOL10           0   0.50237E-03  439551.5 3748852.1   158.7     5.00    18.65
1.40     YES   HRDOW            NO
 VOL11           0   0.50237E-03  439793.5 3748775.6   163.2     5.00    18.65
1.40     YES   HRDOW            NO
 VOL12           0   0.50237E-03  439712.6 3748774.9   161.4     5.00    18.65
1.40     YES   HRDOW            NO
 VOL13           0   0.50237E-03  439632.4 3748774.1   162.3     5.00    18.65
1.40     YES   HRDOW            NO
 VOL14           0   0.50237E-03  439552.2 3748773.4   163.9     5.00    18.65
1.40     YES   HRDOW            NO
 VOL15           0   0.50237E-03  439472.0 3748772.7   162.2     5.00    18.65
1.40     YES   HRDOW            NO
 VOL16           0   0.50237E-03  439391.1 3748771.9   164.9     5.00    18.65
1.40     YES   HRDOW            NO
 VOL17           0   0.50237E-03  439310.8 3748769.7   165.6     5.00    18.65
1.40     YES   HRDOW            NO
 VOL18           0   0.50237E-03  439121.8 3748688.0   178.0     5.00    18.65
1.40     YES   HRDOW            NO
 VOL19           0   0.50237E-03  439202.7 3748688.0   176.1     5.00    18.65
1.40     YES   HRDOW            NO
 VOL20           0   0.50237E-03  439283.6 3748689.5   171.6     5.00    18.65
1.40     YES   HRDOW            NO
 VOL21           0   0.50237E-03  439365.3 3748690.3   170.7     5.00    18.65
1.40     YES   HRDOW            NO
 VOL22           0   0.50237E-03  439447.0 3748692.5   169.2     5.00    18.65
1.40     YES   HRDOW            NO
 VOL23           0   0.50237E-03  439528.6 3748693.9   171.2     5.00    18.65
1.40     YES   HRDOW            NO
 VOL24           0   0.50237E-03  439610.3 3748694.7   167.8     5.00    18.65
1.40     YES   HRDOW            NO
 VOL25           0   0.50237E-03  439692.0 3748693.2   166.4     5.00    18.65
1.40     YES   HRDOW            NO
 VOL26           0   0.50237E-03  439772.9 3748693.2   175.1     5.00    18.65
1.40     YES   HRDOW            NO
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 VOL27            0   0.50237E-03  439823.0 3748613.0   188.7     5.00    18.65
1.40     YES   HRDOW            NO
 VOL28            0   0.50237E-03  439743.5 3748613.7   173.3     5.00    18.65
1.40     YES   HRDOW            NO
 VOL29            0   0.50237E-03  439662.6 3748613.0   177.5     5.00    18.65
1.40     YES   HRDOW            NO
 VOL30            0   0.50237E-03  439583.1 3748613.7   177.6     5.00    18.65
1.40     YES   HRDOW            NO
 VOL31            0   0.50237E-03  439502.2 3748613.7   180.2     5.00    18.65
1.40     YES   HRDOW            NO
 VOL32            0   0.50237E-03  439421.2 3748613.0   175.1     5.00    18.65
1.40     YES   HRDOW            NO
 VOL33            0   0.50237E-03  439341.8 3748613.7   180.2     5.00    18.65
1.40     YES   HRDOW            NO
 VOL34            0   0.50237E-03  439260.8 3748613.7   185.5     5.00    18.65
1.40     YES   HRDOW            NO
 VOL35            0   0.50237E-03  439180.6 3748611.5   196.9     5.00    18.65
1.40     YES   HRDOW            NO
 VOL36            0   0.50237E-03  439132.8 3748609.3   188.4     5.00    18.65
1.40     YES   HRDOW            NO
 VOL37            0   0.50237E-03  439132.1 3748527.6   198.2     5.00    18.65
1.40     YES   HRDOW            NO
 VOL38            0   0.50237E-03  439213.0 3748528.4   207.1     5.00    18.65
1.40     YES   HRDOW            NO
 VOL39            0   0.50237E-03  439291.7 3748530.6   210.0     5.00    18.65
1.40     YES   HRDOW            NO
 VOL40            0   0.50237E-03  439372.7 3748531.3   192.5     5.00    18.65
1.40     YES   HRDOW            NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 VOL41            0   0.50237E-03  439453.6 3748530.6   191.1     5.00    18.65
1.40     YES   HRDOW            NO
```

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 VOL42            0   0.50237E-03  439535.3 3748532.8   202.2     5.00    18.65
1.40     YES   HRDOW            NO
 VOL43            0   0.50237E-03  439616.2 3748533.5   177.1     5.00    18.65
1.40     YES   HRDOW            NO
 VOL44            0   0.50237E-03  439697.1 3748532.8   199.9     5.00    18.65
1.40     YES   HRDOW            NO
 VOL45            0   0.50237E-03  439778.1 3748535.0   179.0     5.00    18.65
1.40     YES   HRDOW            NO
 VOL46            0   0.50237E-03  439821.5 3748532.1   188.4     5.00    18.65
1.40     YES   HRDOW            NO
 VOL48            0   0.50237E-03  439213.7 3748448.2   212.3     5.00    18.65
1.40     YES   HRDOW            NO
 VOL49            0   0.50237E-03  439293.9 3748449.6   227.8     5.00    18.65
1.40     YES   HRDOW            NO
 VOL50            0   0.50237E-03  439373.4 3748451.1   194.2     5.00    18.65
1.40     YES   HRDOW            NO
 VOL51            0   0.50237E-03  439452.9 3748449.6   203.1     5.00    18.65
1.40     YES   HRDOW            NO
 VOL52            0   0.50237E-03  439534.5 3748451.1   219.0     5.00    18.65
1.40     YES   HRDOW            NO
 VOL53            0   0.50237E-03  439614.7 3748453.3   186.1     5.00    18.65
1.40     YES   HRDOW            NO
 VOL54            0   0.50237E-03  439696.4 3748454.8   204.9     5.00    18.65
1.40     YES   HRDOW            NO
 VOL55            0   0.50237E-03  439780.3 3748453.3   199.6     5.00    18.65
1.40     YES   HRDOW            NO
 VOL58            0   0.50237E-03  439290.2 3748369.4   229.3     5.00    18.65
1.40     YES   HRDOW            NO
 VOL59            0   0.50237E-03  439370.4 3748369.4   199.2     5.00    18.65
1.40     YES   HRDOW            NO
 VOL60            0   0.50237E-03  439451.4 3748370.9   231.2     5.00    18.65
1.40     YES   HRDOW            NO
 VOL61            0   0.50237E-03  439533.8 3748370.9   220.1     5.00    18.65
1.40     YES   HRDOW            NO
 VOL62            0   0.50237E-03  439614.0 3748373.1   193.7     5.00    18.65
1.40     YES   HRDOW            NO
 VOL63            0   0.50237E-03  439693.5 3748374.6   208.1     5.00    18.65
1.40     YES   HRDOW            NO
 L0000001         0   0.19252E-04  439084.5 3748927.6   157.6     3.49     6.51
3.25     YES   HRDOW            NO
 L0000002         0   0.19252E-04  439096.9 3748921.1   158.0     3.49     6.51
3.25     YES   HRDOW            NO
 L0000003         0   0.19252E-04  439109.3 3748914.6   158.5     3.49     6.51
3.25     YES   HRDOW            NO
 L0000004         0   0.19252E-04  439121.7 3748908.1   158.9     3.49     6.51
3.25     YES   HRDOW            NO
 L0000005         0   0.19252E-04  439134.1 3748901.5   159.5     3.49     6.51
3.25     YES   HRDOW            NO
 L0000006         0   0.19252E-04  439146.5 3748895.0   160.1     3.49     6.51
3.25     YES   HRDOW            NO
```

```
 L0000007         0   0.19252E-04  439158.9 3748888.5   160.8     3.49     6.51
3.25     YES   HRDOW            NO
 L0000008         0   0.19252E-04  439171.3 3748882.0   161.4     3.49     6.51
3.25     YES   HRDOW            NO
 L0000009         0   0.19252E-04  439183.7 3748875.5   162.1     3.49     6.51
3.25     YES   HRDOW            NO
 L0000010         0   0.19252E-04  439196.1 3748869.0   162.7     3.49     6.51
3.25     YES   HRDOW            NO
 L0000011         0   0.19252E-04  439208.5 3748862.5   163.4     3.49     6.51
3.25     YES   HRDOW            NO
 L0000012         0   0.19252E-04  439220.9 3748856.0   163.8     3.49     6.51
3.25     YES   HRDOW            NO
 L0000013         0   0.19252E-04  439233.2 3748849.4   164.0     3.49     6.51
3.25     YES   HRDOW            NO
 L0000014         0   0.19252E-04  439245.4 3748842.4   164.0     3.49     6.51
3.25     YES   HRDOW            NO
 L0000015         0   0.19252E-04  439257.4 3748835.2   164.0     3.49     6.51
3.25     YES   HRDOW            NO
 L0000016         0   0.19252E-04  439269.4 3748828.1   164.2     3.49     6.51
3.25     YES   HRDOW            NO
 L0000017         0   0.19252E-04  439281.4 3748820.9   164.3     3.49     6.51
3.25     YES   HRDOW            NO
 L0000018         0   0.19252E-04  439293.4 3748813.7   164.3     3.49     6.51
3.25     YES   HRDOW            NO
 L0000019         0   0.19252E-04  439305.4 3748806.5   164.2     3.49     6.51
3.25     YES   HRDOW            NO
 L0000020         0   0.19252E-04  439318.1 3748800.7   164.2     3.49     6.51
3.25     YES   HRDOW            NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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

 L0000021         0   0.19252E-04  439331.4 3748796.4   164.3     3.49     6.51
3.25     YES   HRDOW            NO
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 L0000022         0   0.19252E-04  439344.7 3748792.1   164.2     3.49     6.51
3.25     YES   HRDOW            NO
 L0000023         0   0.19252E-04  439358.1 3748787.8   164.0     3.49     6.51
3.25     YES   HRDOW            NO
 L0000024         0   0.19252E-04  439372.0 3748787.7   163.9     3.49     6.51
3.25     YES   HRDOW            NO
 L0000025         0   0.19252E-04  439386.0 3748788.1   163.9     3.49     6.51
3.25     YES   HRDOW            NO
 L0000026         0   0.19252E-04  439399.4 3748792.0   163.1     3.49     6.51
3.25     YES   HRDOW            NO
 L0000027         0   0.19252E-04  439412.8 3748796.2   162.3     3.49     6.51
3.25     YES   HRDOW            NO
 L0000028         0   0.19252E-04  439425.8 3748801.2   161.6     3.49     6.51
3.25     YES   HRDOW            NO
 L0000029         0   0.19252E-04  439438.8 3748806.6   160.7     3.49     6.51
3.25     YES   HRDOW            NO
 L0000030         0   0.19252E-04  439451.7 3748811.9   160.0     3.49     6.51
3.25     YES   HRDOW            NO
 L0000031         0   0.19252E-04  439463.3 3748819.4   160.0     3.49     6.51
3.25     YES   HRDOW            NO
 L0000032         0   0.19252E-04  439474.1 3748828.3   159.7     3.49     6.51
3.25     YES   HRDOW            NO
 L0000033         0   0.19252E-04  439484.9 3748837.2   159.5     3.49     6.51
3.25     YES   HRDOW            NO
 L0000034         0   0.19252E-04  439495.6 3748846.3   159.5     3.49     6.51
3.25     YES   HRDOW            NO
 L0000035         0   0.19252E-04  439506.0 3748855.6   159.3     3.49     6.51
3.25     YES   HRDOW            NO
 L0000036         0   0.19252E-04  439516.5 3748864.9   158.7     3.49     6.51
3.25     YES   HRDOW            NO
 L0000037         0   0.19252E-04  439527.0 3748874.2   158.1     3.49     6.51
3.25     YES   HRDOW            NO
 L0000038         0   0.19252E-04  439537.5 3748883.5   157.5     3.49     6.51
3.25     YES   HRDOW            NO
 L0000039         0   0.19252E-04  439548.0 3748892.7   156.6     3.49     6.51
3.25     YES   HRDOW            NO
 L0000040         0   0.19252E-04  439558.5 3748902.0   155.7     3.49     6.51
3.25     YES   HRDOW            NO
 L0000041         0   0.19252E-04  439570.5 3748909.0   154.9     3.49     6.51
3.25     YES   HRDOW            NO
 L0000042         0   0.19252E-04  439582.9 3748915.6   154.7     3.49     6.51
3.25     YES   HRDOW            NO
 L0000043         0   0.19252E-04  439595.8 3748921.0   154.5     3.49     6.51
3.25     YES   HRDOW            NO
 L0000044         0   0.19252E-04  439608.9 3748926.0   154.4     3.49     6.51
3.25     YES   HRDOW            NO
 L0000045         0   0.19252E-04  439622.5 3748927.9   154.3     3.49     6.51
3.25     YES   HRDOW            NO
 L0000046         0   0.19252E-04  439636.5 3748927.9   154.1     3.49     6.51
3.25     YES   HRDOW            NO
```

```
 L0000047         0   0.19252E-04  439650.5 3748927.9   153.8     3.49     6.51
3.25     YES   HRDOW            NO
 L0000048         0   0.19252E-04  439664.5 3748927.6   153.6     3.49     6.51
3.25     YES   HRDOW            NO
 L0000049         0   0.19252E-04  439678.4 3748926.6   153.7     3.49     6.51
3.25     YES   HRDOW            NO
 L0000050         0   0.19252E-04  439692.4 3748925.5   153.7     3.49     6.51
3.25     YES   HRDOW            NO
 L0000051         0   0.19252E-04  439706.4 3748924.5   153.8     3.49     6.51
3.25     YES   HRDOW            NO
 L0000052         0   0.19252E-04  439720.3 3748923.4   153.9     3.49     6.51
3.25     YES   HRDOW            NO
 L0000053         0   0.19252E-04  439734.3 3748922.4   153.9     3.49     6.51
3.25     YES   HRDOW            NO
 L0000054         0   0.19252E-04  439748.3 3748921.3   154.0     3.49     6.51
3.25     YES   HRDOW            NO
 L0000055         0   0.19252E-04  439762.2 3748920.3   154.1     3.49     6.51
3.25     YES   HRDOW            NO
 L0000056         0   0.19252E-04  439776.2 3748919.2   154.2     3.49     6.51
3.25     YES   HRDOW            NO
 L0000057         0   0.19252E-04  439790.1 3748918.2   154.2     3.49     6.51
3.25     YES   HRDOW            NO
 L0000058         0   0.19252E-04  439804.1 3748917.1   154.3     3.49     6.51
3.25     YES   HRDOW            NO
 L0000059         0   0.19252E-04  439818.1 3748916.1   154.4     3.49     6.51
3.25     YES   HRDOW            NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

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


  ALL        VOL1        , VOL2        , VOL3        , VOL4        , VOL5        ,
VOL6        , VOL7        , VOL8        ,

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

             VOL17       , VOL18       , VOL19       , VOL20       , VOL21       ,
VOL22       , VOL23       , VOL24       ,
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             VOL25       , VOL26       , VOL27       , VOL28       , VOL29       ,
VOL30       , VOL31       , VOL32       ,

             VOL33       , VOL34       , VOL35       , VOL36       , VOL37       ,
VOL38       , VOL39       , VOL40       ,

             VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
VOL46       , VOL48       , VOL49       ,

             VOL50       , VOL51       , VOL52       , VOL53       , VOL54       ,
VOL55       , VOL58       , VOL59       ,

             VOL60       , VOL61       , VOL62       , VOL63       , 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    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

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

```
              2189641.   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       , VOL34       , VOL35       , VOL36       , VOL37       ,
VOL38       , VOL39       , VOL40       ,

              VOL41       , VOL42       , VOL43       , VOL44       , VOL45       ,
VOL46       , VOL48       , VOL49       ,

              VOL50       , VOL51       , VOL52       , VOL53       , VOL54       ,
VOL55       , VOL58       , VOL59       ,

              VOL60       , VOL61       , VOL62       , VOL63       , 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    ,
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = 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

*** 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
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL3         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL4          ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

```
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = 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
*** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = 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
*** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                   * 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
🡅 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***       06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL10        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
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14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL11        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL12        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
```

OF WEEK (HRDOW) *

 SOURCE ID = VOL13   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** 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

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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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
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                   * 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

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

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 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
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

                                  PAGE  24
 *** 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
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL19        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

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

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

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

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

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :

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

* 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
🡅 *** AERMOD - VERSION 23132  ***    *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = 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
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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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
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
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                  * 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
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * 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
```

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

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL30        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
1 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       10:11:19

                                   PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL31        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
1 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       10:11:19

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* 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
*** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

                                  PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL34        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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

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

 SOURCE ID = VOL35   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                             DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                             DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                             DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = VOL36        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

                                  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL37        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
```

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

                                   PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL38        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = VOL39   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

```
 SOURCE ID = VOL40         ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL41         ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:11:19

                                   PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL42        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

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

 SOURCE ID = VOL43   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

 SOURCE ID = VOL44   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL45        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   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 = VOL46   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = VOL48   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

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

 SOURCE ID = VOL49   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***       06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL50        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

```
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL51        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL52 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 = VOL53 ; SOURCE TYPE = VOLUME :

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

```
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL54        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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 = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL55        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL58 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL59 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

```
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

                                  PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL60        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL61        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                           DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                           DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                           DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW) *

 SOURCE ID = VOL62        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***       06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL63        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
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14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000002     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
```

OF WEEK (HRDOW) *

 SOURCE ID = L0000003   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** 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

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

SOURCE ID = L0000005   ; SOURCE TYPE = VOLUME   :

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

DAY OF WEEK = WEEKDAY

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

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

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

DAY OF WEEK = SATURDAY

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

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

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

DAY OF WEEK = SUNDAY

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

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

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

 SOURCE ID = L0000006   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

```
 SOURCE ID = L0000007     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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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
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

                                  PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000009     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

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

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

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

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

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :

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

* 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

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

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

 SOURCE ID = L0000012     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:11:19

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

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

 SOURCE ID = L0000013     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
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                  * 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
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

                                  PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000016     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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

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

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

 SOURCE ID = L0000017     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000020     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       10:11:19

                                   PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000021     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       10:11:19

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* 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	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

                                  PAGE  90
 *** 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

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

 SOURCE ID = L0000025   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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                    * 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
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000027     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
```

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .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   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
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   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000031     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

DAY OF WEEK = SUNDAY

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

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

 SOURCE ID = L0000033   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   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
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0000036   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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

 SOURCE ID = L0000037   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * 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

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***       06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       10:11:19

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

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

 SOURCE ID = L0000039     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

                                   PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000040     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000041 ; SOURCE TYPE = VOLUME :

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

* 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

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

 SOURCE ID = L0000043   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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

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

 SOURCE ID = L0000044     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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 = 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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000046 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

 SOURCE ID = L0000047   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000048     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

                                  PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                   * 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
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***       06/10/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       10:11:19

                                   PAGE 116
 *** 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

 *** 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

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

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                   * 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   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   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 = L0000054   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

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

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

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

DAY OF WEEK = SUNDAY

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

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

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

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

SOURCE ID = L0000055   ; SOURCE TYPE = VOLUME   :

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

DAY OF WEEK = WEEKDAY

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

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

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

DAY OF WEEK = SATURDAY

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

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

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

DAY OF WEEK = SUNDAY

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

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

                   * 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

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

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 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
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

                                   PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000058     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
```

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

                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

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

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

 SOURCE ID = L0000059     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(439260.0, 3749072.6, 149.6, 1142.1, 0.0); (439277.6, 3749070.7, 149.3, 1142.1, 0.0);
(439298.4, 3749082.1, 148.2, 1142.1, 0.0); (439312.1, 3749091.1, 147.4, 1142.1, 0.0);
(439321.9, 3749098.5, 146.8, 1142.1, 0.0); (439240.7, 3749074.7, 149.8, 1142.1, 0.0);
(439217.6, 3749084.1, 149.2, 1142.1, 0.0); (439205.3, 3749089.8, 148.8, 1142.1, 0.0);
(439192.1, 3749096.3, 148.3, 1142.1, 0.0); (439179.5, 3749103.1, 147.9, 1142.1, 0.0);
(439169.9, 3749108.1, 147.6, 1142.1, 0.0); (439157.1, 3749113.7, 147.2, 1142.1, 0.0);
(439137.6, 3749079.0, 150.0, 1142.1, 0.0); (439113.3, 3749079.2, 150.5, 1142.1, 0.0);
(439099.8, 3749078.8, 150.5, 1142.1, 0.0); (439085.4, 3749079.0, 150.6, 1142.1, 0.0);
(439071.9, 3749078.8, 150.9, 1142.1, 0.0); (439045.6, 3749077.6, 152.1, 1142.1, 0.0);
(438992.4, 3749075.4, 153.1, 1142.1, 0.0); (438978.2, 3749072.7, 153.3, 1142.1, 0.0);
(438963.0, 3749071.1, 153.5, 1142.1, 0.0); (438947.1, 3749069.1, 153.6, 1142.1, 0.0);
(438932.4, 3749067.4, 153.6, 1142.1, 0.0); (438917.5, 3749065.3, 153.7, 1142.1, 0.0);
(438902.8, 3749063.1, 153.6, 1142.1, 0.0); (438888.1, 3749060.2, 153.2, 1142.1, 0.0);
(438870.8, 3749057.6, 153.0, 1142.1, 0.0); (438854.9, 3749058.0, 153.0, 1142.1, 0.0);
(438838.0, 3749060.2, 153.3, 1142.1, 0.0); (438779.5, 3749017.8, 155.3, 1142.1, 0.0);
(438784.5, 3749046.0, 155.3, 1142.1, 0.0); (438762.9, 3749004.6, 155.4, 1142.1, 0.0);
(438815.8, 3749066.2, 153.8, 1142.1, 0.0); (439042.5, 3748895.5, 160.7, 1142.1, 0.0);
(439038.5, 3748865.8, 163.8, 1142.1, 0.0); (438999.1, 3748811.4, 169.3, 1142.1, 0.0);
(438921.2, 3748750.7, 169.3, 1142.1, 0.0); (438794.0, 3748719.9, 136.3, 1142.1, 0.0);

```
     ( 438730.9, 3748880.7,     139.1,    1142.1,       0.0);         ( 438748.5,
3748863.0,     139.0,    1142.1,       0.0);
     ( 438764.6, 3748843.8,     139.2,    1142.1,       0.0);         ( 438785.5,
3748816.7,     136.1,    1142.1,       0.0);
     ( 438805.1, 3748788.0,     136.7,    1142.1,       0.0);         ( 438803.2,
3748750.8,     136.5,    1142.1,       0.0);
     ( 438788.4, 3748703.2,     136.7,    1142.1,       0.0);         ( 438780.5,
3748674.0,     136.6,    1142.1,       0.0);
     ( 438768.9, 3748645.4,     136.5,    1142.1,       0.0);         ( 438751.6,
3748620.5,     135.7,    1142.1,       0.0);
     ( 438730.3, 3748595.8,     135.0,    1142.1,       0.0);         ( 438712.2,
3748572.0,     133.7,    1142.1,       0.0);
     ( 438693.5, 3748548.8,     131.9,    1142.1,       0.0);         ( 438676.8,
3748525.0,     131.1,    1142.1,       0.0);
     ( 438655.8, 3748497.8,     131.0,    1142.1,       0.0);         ( 438639.1,
3748475.7,     131.4,    1142.1,       0.0);
     ( 438619.5, 3748452.5,     131.5,    1142.1,       0.0);         ( 438600.3,
3748429.8,     131.6,    1142.1,       0.0);
     ( 438580.7, 3748404.6,     131.1,    1142.1,       0.0);         ( 438561.4,
3748384.2,     131.1,    1142.1,       0.0);
     ( 438540.8, 3748363.8,     131.1,    1142.1,       0.0);         ( 438520.9,
3748341.1,     131.1,    1142.1,       0.0);
     ( 438500.0, 3748320.4,     130.5,    1142.1,       0.0);         ( 438735.7,
3748992.6,     156.9,    1142.1,       0.0);
     ( 438675.3, 3748985.1,     148.4,    1142.1,       0.0);         ( 439331.0,
3749107.6,     146.2,    1142.1,       0.0);
     ( 439341.9, 3749117.1,     145.5,    1142.1,       0.0);         ( 439353.6,
3749127.3,     144.5,    1142.1,       0.0);
     ( 439366.1, 3749137.4,     143.4,    1142.1,       0.0);         ( 439375.7,
3749143.9,     142.6,    1142.1,       0.0);
     ( 439388.4, 3749153.5,     141.3,    1142.1,       0.0);         ( 439400.5,
3749162.1,     140.2,    1142.1,       0.0);
     ( 439413.6, 3749169.9,     139.5,    1142.1,       0.0);         ( 439425.7,
3749178.1,     138.9,    1142.1,       0.0);
     ( 439449.6, 3749192.9,     138.5,    1142.1,       0.0);         ( 439473.0,
3749214.4,     138.5,    1142.1,       0.0);
     ( 439800.8, 3749040.5,     147.5,    1142.1,       0.0);         ( 439873.8,
3748887.4,     156.3,    1142.1,       0.0);
     ( 439887.6, 3748802.5,     161.9,    1142.1,       0.0);         ( 440077.8,
3748740.2,     180.5,    1142.1,       0.0);
     ( 440019.2, 3748682.1,     178.2,    1142.1,       0.0);         ( 439929.6,
3748601.8,     215.7,    1142.1,       0.0);
     ( 439955.0, 3748605.9,     216.9,    1142.1,       0.0);         ( 439983.2,
3748614.2,     213.8,    1142.1,       0.0);
     ( 440006.2, 3748617.4,     211.2,    1142.1,       0.0);         ( 440071.3,
3748624.4,     201.1,    1142.1,       0.0);
     ( 440087.9, 3748639.6,     190.9,    1142.1,       0.0);         ( 440117.0,
3748767.0,     190.4,    1142.1,       0.0);
     ( 439940.2, 3748575.0,     215.8,    1142.1,       0.0);         ( 439996.1,
3748506.2,     215.9,    1142.1,       0.0);
```

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

(440054.7, 3748448.5, 218.5, 1142.1, 0.0); (440063.5,
3748429.6, 219.1, 1142.1, 0.0);
(440072.3, 3748414.8, 221.0, 1142.1, 0.0); (440083.8,
3748396.4, 222.7, 1142.1, 0.0);
(440096.3, 3748378.8, 225.5, 1142.1, 0.0); (440105.1,
3748361.8, 227.1, 1142.1, 0.0);
(440106.9, 3748342.8, 226.4, 1142.1, 0.0); (440120.8,
3748318.8, 231.8, 1142.1, 0.0);
(440122.7, 3748286.9, 233.8, 1142.1, 0.0); (440117.3,
3748252.6, 235.6, 1142.1, 0.0);
(440121.3, 3748218.1, 241.7, 1142.1, 0.0); (440128.1,
3748298.0, 235.1, 1142.1, 0.0);
(440266.3, 3748117.4, 245.8, 1142.1, 0.0); (440165.5,
3747898.5, 272.1, 1142.1, 0.0);
(440191.3, 3747915.0, 264.6, 1142.1, 0.0); (440206.6,
3747939.3, 273.8, 1142.1, 0.0);
(440247.4, 3747944.8, 263.2, 1142.1, 0.0); (440266.7,
3747950.7, 259.8, 1142.1, 0.0);
(440283.1, 3747959.7, 258.2, 1142.1, 0.0); (440300.0,
3747969.1, 258.9, 1142.1, 0.0);
(440321.2, 3747989.1, 257.1, 1142.1, 0.0); (440293.3,
3748093.9, 240.7, 1142.1, 0.0);
(440300.0, 3748071.1, 247.9, 1142.1, 0.0); (440307.9,
3748048.4, 252.5, 1142.1, 0.0);
(440314.1, 3748028.4, 255.8, 1142.1, 0.0); (440320.0,
3748006.8, 260.3, 1142.1, 0.0);
(440335.3, 3747569.2, 306.9, 1142.1, 0.0); (440507.2,
3748971.2, 177.2, 1142.1, 0.0);
(439956.0, 3749044.3, 147.7, 1142.1, 0.0); (439952.9,
3748770.0, 164.0, 1142.1, 0.0);
(438867.1, 3748863.2, 165.9, 1142.1, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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

```
   Surface file:   KRAL_V9_ADJU\KRAL_v9.SFC
                 Met Version:  16216
   Profile file:   KRAL_V9_ADJU\KRAL_v9.PFL
```

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-25.6	0.266	-9.000	-9.000	-999.	330.	77.9	0.15	2.40	1.00	2.93	55.	10.1	288.1	2.0
12	01	01	1	02	-26.8	0.277	-9.000	-9.000	-999.	351.	84.7	0.15	2.40	1.00	3.05	55.	10.1	287.0	2.0
12	01	01	1	03	-21.5	0.221	-9.000	-9.000	-999.	250.	53.5	0.15	2.40	1.00	2.45	74.	10.1	284.2	2.0
12	01	01	1	04	-22.0	0.227	-9.000	-9.000	-999.	260.	56.8	0.15	2.40	1.00	2.52	77.	10.1	285.9	2.0
12	01	01	1	05	-20.0	0.206	-9.000	-9.000	-999.	225.	46.8	0.15	2.40	1.00	2.30	80.	10.1	285.4	2.0
12	01	01	1	06	-14.4	0.171	-9.000	-9.000	-999.	170.	32.1	0.15	2.40	1.00	1.93	79.	10.1	287.0	2.0
12	01	01	1	07	-14.9	0.174	-9.000	-9.000	-999.	174.	33.2	0.15	2.40	1.00	1.96	77.	10.1	284.2	2.0
12	01	01	1	08	-11.9	0.169	-9.000	-9.000	-999.	167.	36.1	0.15	2.40	0.53	1.89	77.	10.1	288.1	2.0
12	01	01	1	09	40.4	0.234	0.359	0.006	40.	272.	-28.1	0.15	2.40	0.31	2.10	81.	10.1	289.2	2.0
12	01	01	1	10	112.6	0.246	0.742	0.005	129.	293.	-11.8	0.15	2.40	0.24	1.99	101.	10.1	296.4	2.0
12	01	01	1	11	161.0	0.402	1.188	0.005	369.	611.	-35.6	0.15	2.40	0.21	3.68	78.	10.1	298.8	2.0
12	01	01	1	12	184.7	0.337	1.516	0.005	668.	473.	-18.4	0.15	2.40	0.20	2.89	68.	10.1	300.4	2.0
12	01	01	1	13	183.9	0.310	1.809	0.005	1139.	414.	-14.2	0.15	2.40	0.20	2.57	64.	10.1	302.5	2.0
12	01	01	1	14	156.6	0.374	1.852	0.005	1434.	549.	-29.5	0.15	2.40	0.22	3.37	63.	10.1	303.1	2.0
12	01	01	1	15	104.3	0.382	1.658	0.005	1546.	567.	-47.2	0.15	2.40	0.25	3.59	62.	10.1	302.5	2.0
12	01	01	1	16	31.8	0.374	1.123	0.005	1573.	550.	-145.8	0.15	2.40	0.34	3.76	69.	10.1	300.9	2.0
12	01	01	1	17	-23.3	0.276	-9.000	-9.000	-999.	354.	84.0	0.15	2.40	0.62	3.03	59.	10.1	297.5	2.0
12	01	01	1	18	-21.5	0.229	-9.000	-9.000	-999.	264.	57.8	0.15	2.40	1.00	2.54	54.	10.1	295.4	2.0

```
 12 01 01   1 19  -19.3  0.204 -9.000 -9.000 -999.  221.     45.6  0.15   2.40
1.00    2.27   79.   10.1  292.0    2.0
 12 01 01   1 20  -20.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.15   2.40
1.00    2.42   79.   10.1  292.5    2.0
 12 01 01   1 21  -19.7  0.206 -9.000 -9.000 -999.  225.     46.9  0.15   2.40
1.00    2.30   95.   10.1  290.9    2.0
 12 01 01   1 22  -17.6  0.190 -9.000 -9.000 -999.  199.     39.8  0.15   2.40
1.00    2.13   78.   10.1  290.4    2.0
 12 01 01   1 23  -20.3  0.211 -9.000 -9.000 -999.  233.     49.0  0.15   2.40
1.00    2.35   52.   10.1  289.2    2.0
 12 01 01   1 24  -16.4  0.183 -9.000 -9.000 -999.  189.     37.0  0.15   2.40
1.00    2.06   75.   10.1  288.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1   55.    2.93   288.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        10:11:19

                                  PAGE 130
 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         439259.97    3749072.65        0.00407                      439277.61
3749070.69        0.00435
```

```
         439298.40    3749082.06        0.00428                    439312.13
3749091.08        0.00417
         439321.93    3749098.54        0.00406                    439240.72
3749074.67        0.00379
         439217.60    3749084.06        0.00336                    439205.31
3749089.84        0.00315
         439192.07    3749096.35        0.00294                    439179.54
3749103.09        0.00275
         439169.91    3749108.15        0.00262                    439157.14
3749113.69        0.00247
         439137.63    3749079.00        0.00276                    439113.31
3749079.24        0.00257
         439099.82    3749078.76        0.00248                    439085.37
3749079.00        0.00238
         439071.88    3749078.76        0.00229                    439045.63
3749077.56        0.00214
         438992.40    3749075.39        0.00184                    438978.19
3749072.74        0.00179
         438963.01    3749071.06        0.00172                    438947.12
3749069.13        0.00165
         438932.42    3749067.44        0.00159                    438917.49
3749065.27        0.00154
         438902.80    3749063.11        0.00149                    438888.11
3749060.22        0.00144
         438870.76    3749057.57        0.00138                    438854.87
3749058.05        0.00133
         438838.01    3749060.22        0.00126                    438779.48
3749017.83        0.00119
         438784.54    3749046.01        0.00114                    438762.86
3749004.58        0.00117
         438815.85    3749066.24        0.00118                    439042.50
3748895.54        0.00520
         439038.53    3748865.79        0.00509                    438999.14
3748811.38        0.00455
         438921.22    3748750.74        0.00353                    438794.05
3748719.90        0.00204
         438730.91    3748880.70        0.00132                    438748.55
3748863.05        0.00143
         438764.63    3748843.83        0.00154                    438785.55
3748816.73        0.00172
         438805.14    3748787.97        0.00193                    438803.16
3748750.85        0.00203
         438788.42    3748703.24        0.00205                    438780.49
3748674.05        0.00206
         438768.87    3748645.43        0.00203                    438751.58
3748620.50        0.00194
         438730.33    3748595.84        0.00183                    438712.19
3748572.04        0.00175
         438693.49    3748548.80        0.00166                    438676.77
3748525.00        0.00159
```

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         438655.80    3748497.80        0.00151                      438639.08
3748475.69        0.00144
         438619.53    3748452.46        0.00137                      438600.26
3748429.79        0.00131
         438580.71    3748404.57        0.00125                      438561.44
3748384.17        0.00119
         438540.75    3748363.76        0.00113                      438520.92
3748341.09        0.00108
         438499.95    3748320.41        0.00103                      438735.66
3748992.65        0.00112
         438675.26    3748985.08        0.00098                      439331.05
3749107.64        0.00390
         439341.93    3749117.09        0.00375                      439353.60
3749127.33        0.00358
         439366.09    3749137.37        0.00343                      439375.72
3749143.92        0.00334
         439388.41    3749153.54        0.00320                      439400.49
3749162.14        0.00307
         439413.60    3749169.92        0.00297                      439425.68
3749178.11        0.00287
         439449.64    3749192.86        0.00269                      439473.05
3749214.38        0.00243
         439800.83    3749040.52        0.00675                      439873.79
3748887.43        0.02453
         439887.64    3748802.52        0.02973                      440077.78
3748740.21        0.01151
         440019.17    3748682.06        0.01555                      439929.64
3748601.76        0.02120
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        10:11:19

                                   PAGE 131
 *** 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
439955.02	3748605.92	0.01831	439983.17	3748614.22	0.01638
440006.24	3748617.45	0.01513	440071.32	3748624.38	0.01251
440087.93	3748639.61	0.01215	440117.00	3748766.98	0.00926
439940.25	3748575.00	0.02055	439996.09	3748506.23	0.01555
440023.32	3748475.77	0.01334	440043.16	3748463.78	0.01176
440054.70	3748448.55	0.01080	440063.47	3748429.62	0.00992
440072.29	3748414.84	0.00914	440083.83	3748396.38	0.00825
440096.29	3748378.84	0.00742	440105.06	3748361.76	0.00677
440106.91	3748342.84	0.00628	440120.75	3748318.84	0.00541
440122.71	3748286.94	0.00466	440117.33	3748252.65	0.00398
440121.30	3748218.07	0.00327	440128.10	3748298.00	0.00483
440266.27	3748117.44	0.00184	440165.45	3747898.52	0.00076
440191.34	3747915.00	0.00081	440206.64	3747939.32	0.00087
440247.44	3747944.82	0.00090	440266.66	3747950.70	0.00092
440283.14	3747959.73	0.00096	440300.01	3747969.14	0.00099
440321.20	3747989.15	0.00107	440293.34	3748093.90	0.00167
440300.01	3748071.14	0.00150	440307.86	3748048.39	0.00135
440314.13	3748028.38	0.00124	440320.02	3748006.80	0.00113
440335.28	3747569.25	0.00034	440507.19	3748971.21	0.00235
439956.03	3749044.31	0.00469	439952.87	3748770.03	0.01980
438867.06	3748863.17	0.00215			

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Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***    ***
                        ***       10:11:19

                                  PAGE 132
 *** 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       0.02973 AT (  439887.64,  3748802.52,
161.93,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS       0.02453 AT (  439873.79,  3748887.43,
156.27,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS       0.02120 AT (  439929.64,  3748601.76,
215.71,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS       0.02055 AT (  439940.25,  3748575.00,
215.83,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS       0.01980 AT (  439952.87,  3748770.03,
164.04,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS       0.01831 AT (  439955.02,  3748605.92,
216.91,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS       0.01638 AT (  439983.17,  3748614.22,
213.77,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS       0.01555 AT (  440019.17,  3748682.06,
178.19,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS       0.01555 AT (  439996.09,  3748506.23,
215.92,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS       0.01513 AT (  440006.24,  3748617.45,
211.25,  1142.09,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***    ***
```

*** 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   1638 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   1039 Calm Hours Identified

A Total of   599 Missing Hours Identified (1.37 Percent)

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

   ********   WARNING MESSAGES   ********
ME W186   1941   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
ME W187   1941   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****
**
****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 6/10/2024
** File: C:\Users\adadabhoy\Desktop\AERMOD\12630 Green River Ranch\12630 Ops\12630
Ops.ADI
**
****
**
**
****
** AERMOD Control Pathway
****
**

```
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\12630 O
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2189641 Riverside_County
   POLLUTID OTHER
   RUNORNOT RUN
   ERRORFIL "12630 Ops.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B1IDLE
** DESCRSRC Bldg 1 Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 439206.196, 3748588.315, 207.00, 3.49, 4.00
** 439431.795, 3748614.318, 177.27, 3.49, 4.00
** ------------------------------------------------------------------
   LOCATION L0000001     VOLUME   439210.463 3748588.806 203.28
   LOCATION L0000002     VOLUME   439218.996 3748589.790 201.52
   LOCATION L0000003     VOLUME   439227.530 3748590.774 199.73
   LOCATION L0000004     VOLUME   439236.063 3748591.757 197.90
   LOCATION L0000005     VOLUME   439244.597 3748592.741 196.31
   LOCATION L0000006     VOLUME   439253.130 3748593.724 194.86
   LOCATION L0000007     VOLUME   439261.664 3748594.708 193.39
   LOCATION L0000008     VOLUME   439270.197 3748595.691 191.86
   LOCATION L0000009     VOLUME   439278.731 3748596.675 189.99
   LOCATION L0000010     VOLUME   439287.264 3748597.659 188.18
   LOCATION L0000011     VOLUME   439295.798 3748598.642 186.42
   LOCATION L0000012     VOLUME   439304.331 3748599.626 185.21
   LOCATION L0000013     VOLUME   439312.865 3748600.609 184.42
   LOCATION L0000014     VOLUME   439321.398 3748601.593 183.68
   LOCATION L0000015     VOLUME   439329.932 3748602.577 183.01
   LOCATION L0000016     VOLUME   439338.465 3748603.560 182.49
   LOCATION L0000017     VOLUME   439346.999 3748604.544 181.95
```

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   LOCATION L0000018     VOLUME   439355.532 3748605.527 181.39
   LOCATION L0000019     VOLUME   439364.066 3748606.511 180.83
   LOCATION L0000020     VOLUME   439372.599 3748607.495 180.39
   LOCATION L0000021     VOLUME   439381.133 3748608.478 179.98
   LOCATION L0000022     VOLUME   439389.666 3748609.462 179.55
   LOCATION L0000023     VOLUME   439398.200 3748610.445 178.11
   LOCATION L0000024     VOLUME   439406.733 3748611.429 176.73
   LOCATION L0000025     VOLUME   439415.267 3748612.412 175.40
   LOCATION L0000026     VOLUME   439423.800 3748613.396 175.40
** End of LINE VOLUME Source ID = B1IDLE
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B2IDLE
** DESCRSRC Bldg 2 Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 439635.345, 3748802.956, 160.50, 3.49, 4.00
** 439636.522, 3748709.251, 167.16, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000027     VOLUME   439635.399 3748798.661 160.98
   LOCATION L0000028     VOLUME   439635.507 3748790.072 161.55
   LOCATION L0000029     VOLUME   439635.615 3748781.482 161.96
   LOCATION L0000030     VOLUME   439635.723 3748772.893 162.24
   LOCATION L0000031     VOLUME   439635.831 3748764.304 162.52
   LOCATION L0000032     VOLUME   439635.938 3748755.714 162.83
   LOCATION L0000033     VOLUME   439636.046 3748747.125 163.40
   LOCATION L0000034     VOLUME   439636.154 3748738.536 163.97
   LOCATION L0000035     VOLUME   439636.262 3748729.946 164.53
   LOCATION L0000036     VOLUME   439636.370 3748721.357 165.14
   LOCATION L0000037     VOLUME   439636.477 3748712.768 165.78
** End of LINE VOLUME Source ID = B2IDLE
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B3IDLE
** DESCRSRC Bldg 3 Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 439701.605, 3748802.956, 159.29, 3.49, 4.00
** 439702.781, 3748710.035, 165.56, 3.49, 4.00
** ----------------------------------------------------------------------
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   LOCATION L0000038     VOLUME   439701.659 3748798.661 159.83
   LOCATION L0000039     VOLUME   439701.768 3748790.072 160.24
   LOCATION L0000040     VOLUME   439701.877 3748781.482 160.55
   LOCATION L0000041     VOLUME   439701.985 3748772.893 160.80
   LOCATION L0000042     VOLUME   439702.094 3748764.304 161.05
   LOCATION L0000043     VOLUME   439702.203 3748755.714 161.38
   LOCATION L0000044     VOLUME   439702.312 3748747.125 162.58
   LOCATION L0000045     VOLUME   439702.420 3748738.536 163.77
   LOCATION L0000046     VOLUME   439702.529 3748729.946 164.95
   LOCATION L0000047     VOLUME   439702.638 3748721.357 165.76
   LOCATION L0000048     VOLUME   439702.746 3748712.768 166.31
** End of LINE VOLUME Source ID = B3IDLE
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B4IDLE
** DESCRSRC Bldg 4 Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 439631.425, 3748649.265, 173.68, 3.49, 4.00
** 439631.817, 3748587.710, 178.05, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000056     VOLUME   439631.452 3748644.970 171.76
   LOCATION L0000057     VOLUME   439631.507 3748636.380 173.22
   LOCATION L0000058     VOLUME   439631.561 3748627.790 174.06
   LOCATION L0000059     VOLUME   439631.616 3748619.201 174.90
   LOCATION L0000060     VOLUME   439631.671 3748610.611 175.75
   LOCATION L0000061     VOLUME   439631.726 3748602.021 176.46
   LOCATION L0000062     VOLUME   439631.780 3748593.431 177.06
** End of LINE VOLUME Source ID = B4IDLE
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B5IDLE
** DESCRSRC Bldg 5 Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 439698.468, 3748650.441, 168.94, 3.49, 4.00
** 439699.252, 3748588.102, 187.66, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000063     VOLUME   439698.522 3748646.147 169.12
   LOCATION L0000064     VOLUME   439698.630 3748637.557 169.62
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   LOCATION L0000065     VOLUME   439698.738 3748628.968 171.61
   LOCATION L0000066     VOLUME   439698.846 3748620.379 173.82
   LOCATION L0000067     VOLUME   439698.954 3748611.789 176.02
   LOCATION L0000068     VOLUME   439699.062 3748603.200 178.42
   LOCATION L0000069     VOLUME   439699.171 3748594.611 181.18
** End of LINE VOLUME Source ID = B5IDLE
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B1ON
** DESCRSRC Onsite Bldg 1
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 8
** 439207.992, 3748572.812, 207.86, 3.49, 4.00
** 439424.413, 3748595.552, 176.97, 3.49, 4.00
** 439451.466, 3748590.847, 181.93, 3.49, 4.00
** 439496.553, 3748584.966, 187.36, 3.49, 4.00
** 439503.219, 3748590.063, 184.23, 3.49, 4.00
** 439504.787, 3748608.882, 181.17, 3.49, 4.00
** 439503.611, 3748730.423, 168.04, 3.49, 4.00
** 439465.580, 3748800.603, 160.12, 3.49, 4.00
** ----------------------------------------------------------------
   LOCATION L0000070     VOLUME   439212.263 3748573.261 207.69
   LOCATION L0000071     VOLUME   439220.806 3748574.158 206.70
   LOCATION L0000072     VOLUME   439229.349 3748575.056 205.58
   LOCATION L0000073     VOLUME   439237.892 3748575.953 204.31
   LOCATION L0000074     VOLUME   439246.435 3748576.851 203.10
   LOCATION L0000075     VOLUME   439254.978 3748577.749 201.84
   LOCATION L0000076     VOLUME   439263.521 3748578.646 200.56
   LOCATION L0000077     VOLUME   439272.064 3748579.544 198.94
   LOCATION L0000078     VOLUME   439280.607 3748580.442 196.65
   LOCATION L0000079     VOLUME   439289.150 3748581.339 194.41
   LOCATION L0000080     VOLUME   439297.693 3748582.237 192.22
   LOCATION L0000081     VOLUME   439306.236 3748583.135 190.77
   LOCATION L0000082     VOLUME   439314.779 3748584.032 189.54
   LOCATION L0000083     VOLUME   439323.322 3748584.930 188.36
   LOCATION L0000084     VOLUME   439331.865 3748585.827 187.46
   LOCATION L0000085     VOLUME   439340.408 3748586.725 187.12
   LOCATION L0000086     VOLUME   439348.951 3748587.623 186.77
   LOCATION L0000087     VOLUME   439357.494 3748588.520 186.39
   LOCATION L0000088     VOLUME   439366.036 3748589.418 185.25
   LOCATION L0000089     VOLUME   439374.579 3748590.316 183.96
   LOCATION L0000090     VOLUME   439383.122 3748591.213 182.76
   LOCATION L0000091     VOLUME   439391.665 3748592.111 181.56
   LOCATION L0000092     VOLUME   439400.208 3748593.008 180.14
   LOCATION L0000093     VOLUME   439408.751 3748593.906 178.70
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   LOCATION L0000094     VOLUME   439417.294 3748594.804 177.25
   LOCATION L0000095     VOLUME   439425.824 3748595.306 177.93
   LOCATION L0000096     VOLUME   439434.287 3748593.834 179.59
   LOCATION L0000097     VOLUME   439442.750 3748592.363 181.24
   LOCATION L0000098     VOLUME   439451.213 3748590.891 182.65
   LOCATION L0000099     VOLUME   439459.729 3748589.769 183.12
   LOCATION L0000100     VOLUME   439468.247 3748588.658 183.59
   LOCATION L0000101     VOLUME   439476.765 3748587.547 184.06
   LOCATION L0000102     VOLUME   439485.283 3748586.436 184.59
   LOCATION L0000103     VOLUME   439493.800 3748585.325 185.19
   LOCATION L0000104     VOLUME   439501.172 3748588.497 184.85
   LOCATION L0000105     VOLUME   439503.718 3748596.055 183.29
   LOCATION L0000106     VOLUME   439504.431 3748604.615 181.40
   LOCATION L0000107     VOLUME   439504.745 3748613.190 180.29
   LOCATION L0000108     VOLUME   439504.662 3748621.780 179.38
   LOCATION L0000109     VOLUME   439504.579 3748630.370 178.48
   LOCATION L0000110     VOLUME   439504.496 3748638.959 177.50
   LOCATION L0000111     VOLUME   439504.413 3748647.549 176.35
   LOCATION L0000112     VOLUME   439504.329 3748656.138 175.20
   LOCATION L0000113     VOLUME   439504.246 3748664.728 174.05
   LOCATION L0000114     VOLUME   439504.163 3748673.318 173.14
   LOCATION L0000115     VOLUME   439504.080 3748681.907 172.27
   LOCATION L0000116     VOLUME   439503.997 3748690.497 171.41
   LOCATION L0000117     VOLUME   439503.914 3748699.086 170.55
   LOCATION L0000118     VOLUME   439503.831 3748707.676 169.69
   LOCATION L0000119     VOLUME   439503.748 3748716.266 168.83
   LOCATION L0000120     VOLUME   439503.664 3748724.855 167.97
   LOCATION L0000121     VOLUME   439502.171 3748733.080 167.09
   LOCATION L0000122     VOLUME   439498.078 3748740.632 166.20
   LOCATION L0000123     VOLUME   439493.986 3748748.185 165.31
   LOCATION L0000124     VOLUME   439489.893 3748755.737 164.42
   LOCATION L0000125     VOLUME   439485.800 3748763.289 163.58
   LOCATION L0000126     VOLUME   439481.708 3748770.842 162.67
   LOCATION L0000127     VOLUME   439477.615 3748778.394 161.76
   LOCATION L0000128     VOLUME   439473.522 3748785.947 160.86
   LOCATION L0000129     VOLUME   439469.430 3748793.499 160.51
** End of LINE VOLUME Source ID = B1ON
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B2ON
** DESCRSRC Bldg 2 Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 439656.125, 3748804.524, 159.60, 3.49, 4.00
** 439656.517, 3748680.630, 168.25, 3.49, 4.00
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** 439504.395, 3748677.494, 174.11, 3.49, 4.00
** 439503.219, 3748721.798, 168.13, 3.49, 4.00
** 439496.945, 3748742.969, 165.13, 3.49, 4.00
** 439466.364, 3748797.859, 160.93, 3.49, 4.00
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   LOCATION L0000220     VOLUME   439656.139 3748800.229 160.19
   LOCATION L0000221     VOLUME   439656.166 3748791.639 160.76
   LOCATION L0000222     VOLUME   439656.193 3748783.049 161.22
   LOCATION L0000223     VOLUME   439656.220 3748774.459 161.50
   LOCATION L0000224     VOLUME   439656.247 3748765.869 161.79
   LOCATION L0000225     VOLUME   439656.274 3748757.279 162.07
   LOCATION L0000226     VOLUME   439656.302 3748748.689 162.62
   LOCATION L0000227     VOLUME   439656.329 3748740.099 163.19
   LOCATION L0000228     VOLUME   439656.356 3748731.509 163.76
   LOCATION L0000229     VOLUME   439656.383 3748722.919 164.44
   LOCATION L0000230     VOLUME   439656.410 3748714.329 165.27
   LOCATION L0000231     VOLUME   439656.438 3748705.739 166.10
   LOCATION L0000232     VOLUME   439656.465 3748697.149 166.93
   LOCATION L0000233     VOLUME   439656.492 3748688.559 167.74
   LOCATION L0000234     VOLUME   439655.856 3748680.617 168.46
   LOCATION L0000235     VOLUME   439647.268 3748680.440 168.17
   LOCATION L0000236     VOLUME   439638.680 3748680.263 167.87
   LOCATION L0000237     VOLUME   439630.092 3748680.086 167.57
   LOCATION L0000238     VOLUME   439621.503 3748679.908 168.10
   LOCATION L0000239     VOLUME   439612.915 3748679.731 168.71
   LOCATION L0000240     VOLUME   439604.327 3748679.554 169.33
   LOCATION L0000241     VOLUME   439595.739 3748679.377 170.01
   LOCATION L0000242     VOLUME   439587.151 3748679.200 170.77
   LOCATION L0000243     VOLUME   439578.563 3748679.023 171.53
   LOCATION L0000244     VOLUME   439569.974 3748678.846 172.29
   LOCATION L0000245     VOLUME   439561.386 3748678.669 172.47
   LOCATION L0000246     VOLUME   439552.798 3748678.492 172.61
   LOCATION L0000247     VOLUME   439544.210 3748678.315 172.75
   LOCATION L0000248     VOLUME   439535.622 3748678.138 172.83
   LOCATION L0000249     VOLUME   439527.034 3748677.961 172.85
   LOCATION L0000250     VOLUME   439518.445 3748677.784 172.86
   LOCATION L0000251     VOLUME   439509.857 3748677.606 172.88
   LOCATION L0000252     VOLUME   439504.312 3748680.619 172.41
   LOCATION L0000253     VOLUME   439504.084 3748689.206 171.55
   LOCATION L0000254     VOLUME   439503.856 3748697.793 170.68
   LOCATION L0000255     VOLUME   439503.628 3748706.380 169.81
   LOCATION L0000256     VOLUME   439503.400 3748714.967 168.95
   LOCATION L0000257     VOLUME   439502.719 3748723.482 168.07
   LOCATION L0000258     VOLUME   439500.279 3748731.718 167.17
   LOCATION L0000259     VOLUME   439497.839 3748739.954 166.26
   LOCATION L0000260     VOLUME   439494.295 3748747.726 165.37
   LOCATION L0000261     VOLUME   439490.114 3748755.230 164.48
   LOCATION L0000262     VOLUME   439485.933 3748762.734 163.63
   LOCATION L0000263     VOLUME   439481.753 3748770.238 162.73
   LOCATION L0000264     VOLUME   439477.572 3748777.742 161.82
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   LOCATION L0000265     VOLUME   439473.391 3748785.246 160.93
   LOCATION L0000266     VOLUME   439469.210 3748792.750 160.52
** End of LINE VOLUME Source ID = B2ON
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B3ON
** DESCRSRC Bldg 3 Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
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** 439683.178, 3748679.846, 168.07, 3.49, 4.00
** 439504.003, 3748676.710, 174.10, 3.49, 4.00
** 439504.395, 3748720.621, 168.16, 3.49, 4.00
** 439498.906, 3748737.480, 167.80, 3.49, 4.00
** 439466.364, 3748796.682, 160.93, 3.49, 4.00
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   LOCATION L0000267     VOLUME   439682.043 3748797.877 159.77
   LOCATION L0000268     VOLUME   439682.125 3748789.287 160.12
   LOCATION L0000269     VOLUME   439682.208 3748780.697 160.28
   LOCATION L0000270     VOLUME   439682.290 3748772.108 160.35
   LOCATION L0000271     VOLUME   439682.373 3748763.518 160.41
   LOCATION L0000272     VOLUME   439682.456 3748754.929 160.67
   LOCATION L0000273     VOLUME   439682.538 3748746.339 161.90
   LOCATION L0000274     VOLUME   439682.621 3748737.749 163.14
   LOCATION L0000275     VOLUME   439682.703 3748729.160 164.38
   LOCATION L0000276     VOLUME   439682.786 3748720.570 165.06
   LOCATION L0000277     VOLUME   439682.869 3748711.981 165.47
   LOCATION L0000278     VOLUME   439682.951 3748703.391 165.88
   LOCATION L0000279     VOLUME   439683.034 3748694.801 166.29
   LOCATION L0000280     VOLUME   439683.116 3748686.212 166.69
   LOCATION L0000281     VOLUME   439680.954 3748679.807 167.14
   LOCATION L0000282     VOLUME   439672.365 3748679.657 167.76
   LOCATION L0000283     VOLUME   439663.776 3748679.507 168.38
   LOCATION L0000284     VOLUME   439655.188 3748679.356 168.55
   LOCATION L0000285     VOLUME   439646.599 3748679.206 168.23
   LOCATION L0000286     VOLUME   439638.010 3748679.056 167.91
   LOCATION L0000287     VOLUME   439629.422 3748678.905 167.59
   LOCATION L0000288     VOLUME   439620.833 3748678.755 168.21
   LOCATION L0000289     VOLUME   439612.244 3748678.605 168.84
   LOCATION L0000290     VOLUME   439603.656 3748678.454 169.48
   LOCATION L0000291     VOLUME   439595.067 3748678.304 170.18
   LOCATION L0000292     VOLUME   439586.478 3748678.154 170.95
   LOCATION L0000293     VOLUME   439577.890 3748678.003 171.71
   LOCATION L0000294     VOLUME   439569.301 3748677.853 172.48
   LOCATION L0000295     VOLUME   439560.712 3748677.702 172.60
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   LOCATION L0000296     VOLUME   439552.123 3748677.552 172.73
   LOCATION L0000297     VOLUME   439543.535 3748677.402 172.85
   LOCATION L0000298     VOLUME   439534.946 3748677.251 172.92
   LOCATION L0000299     VOLUME   439526.357 3748677.101 172.93
   LOCATION L0000300     VOLUME   439517.769 3748676.951 172.95
   LOCATION L0000301     VOLUME   439509.180 3748676.800 172.96
   LOCATION L0000302     VOLUME   439504.033 3748680.121 172.45
   LOCATION L0000303     VOLUME   439504.110 3748688.711 171.60
   LOCATION L0000304     VOLUME   439504.186 3748697.301 170.74
   LOCATION L0000305     VOLUME   439504.263 3748705.890 169.88
   LOCATION L0000306     VOLUME   439504.340 3748714.480 169.03
   LOCATION L0000307     VOLUME   439503.637 3748722.949 168.16
   LOCATION L0000308     VOLUME   439500.977 3748731.117 167.25
   LOCATION L0000309     VOLUME   439497.991 3748739.144 166.35
   LOCATION L0000310     VOLUME   439493.853 3748746.672 165.46
   LOCATION L0000311     VOLUME   439489.716 3748754.199 164.57
   LOCATION L0000312     VOLUME   439485.578 3748761.727 163.71
   LOCATION L0000313     VOLUME   439481.440 3748769.255 162.82
   LOCATION L0000314     VOLUME   439477.302 3748776.783 161.92
   LOCATION L0000315     VOLUME   439473.165 3748784.310 161.02
   LOCATION L0000316     VOLUME   439469.027 3748791.838 160.54
** End of LINE VOLUME Source ID = B3ON
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B4ON
** DESCRSRC Bldg 4 Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
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** 439652.596, 3748679.846, 169.76, 3.49, 4.00
** 439504.787, 3748677.494, 174.11, 3.49, 4.00
** 439504.787, 3748716.701, 168.41, 3.49, 4.00
** 439498.514, 3748735.912, 167.80, 3.49, 4.00
** 439466.364, 3748797.075, 160.93, 3.49, 4.00
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   LOCATION L0000317     VOLUME   439655.587 3748592.003 179.13
   LOCATION L0000318     VOLUME   439655.294 3748600.588 178.29
   LOCATION L0000319     VOLUME   439655.002 3748609.173 177.51
   LOCATION L0000320     VOLUME   439654.710 3748617.758 176.88
   LOCATION L0000321     VOLUME   439654.418 3748626.343 176.23
   LOCATION L0000322     VOLUME   439654.125 3748634.928 175.58
   LOCATION L0000323     VOLUME   439653.833 3748643.513 174.07
   LOCATION L0000324     VOLUME   439653.541 3748652.098 172.38
   LOCATION L0000325     VOLUME   439653.249 3748660.683 170.70
   LOCATION L0000326     VOLUME   439652.956 3748669.268 169.33
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   LOCATION L0000327     VOLUME   439652.664 3748677.853 168.58
   LOCATION L0000328     VOLUME   439646.001 3748679.741 168.17
   LOCATION L0000329     VOLUME   439637.413 3748679.605 167.86
   LOCATION L0000330     VOLUME   439628.824 3748679.468 167.60
   LOCATION L0000331     VOLUME   439620.235 3748679.331 168.22
   LOCATION L0000332     VOLUME   439611.646 3748679.195 168.84
   LOCATION L0000333     VOLUME   439603.057 3748679.058 169.47
   LOCATION L0000334     VOLUME   439594.468 3748678.921 170.17
   LOCATION L0000335     VOLUME   439585.879 3748678.784 170.93
   LOCATION L0000336     VOLUME   439577.290 3748678.648 171.68
   LOCATION L0000337     VOLUME   439568.701 3748678.511 172.40
   LOCATION L0000338     VOLUME   439560.112 3748678.374 172.53
   LOCATION L0000339     VOLUME   439551.523 3748678.238 172.66
   LOCATION L0000340     VOLUME   439542.934 3748678.101 172.78
   LOCATION L0000341     VOLUME   439534.346 3748677.964 172.85
   LOCATION L0000342     VOLUME   439525.757 3748677.828 172.86
   LOCATION L0000343     VOLUME   439517.168 3748677.691 172.87
   LOCATION L0000344     VOLUME   439508.579 3748677.554 172.86
   LOCATION L0000345     VOLUME   439504.787 3748682.291 172.26
   LOCATION L0000346     VOLUME   439504.787 3748690.881 171.40
   LOCATION L0000347     VOLUME   439504.787 3748699.471 170.54
   LOCATION L0000348     VOLUME   439504.787 3748708.061 169.68
   LOCATION L0000349     VOLUME   439504.787 3748716.651 168.82
   LOCATION L0000350     VOLUME   439502.136 3748724.819 167.92
   LOCATION L0000351     VOLUME   439499.469 3748732.985 167.01
   LOCATION L0000352     VOLUME   439495.949 3748740.790 166.12
   LOCATION L0000353     VOLUME   439491.953 3748748.394 165.22
   LOCATION L0000354     VOLUME   439487.956 3748755.997 164.33
   LOCATION L0000355     VOLUME   439483.959 3748763.601 163.47
   LOCATION L0000356     VOLUME   439479.963 3748771.204 162.55
   LOCATION L0000357     VOLUME   439475.966 3748778.808 161.68
   LOCATION L0000358     VOLUME   439471.969 3748786.412 160.75
   LOCATION L0000359     VOLUME   439467.972 3748794.015 160.46
** End of LINE VOLUME Source ID = B4ON
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B5ON
** DESCRSRC Bldg 5 Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 7
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** 439678.473, 3748664.164, 168.36, 3.49, 4.00
** 439682.393, 3748680.238, 166.78, 3.49, 4.00
** 439504.787, 3748677.102, 174.11, 3.49, 4.00
** 439504.003, 3748721.013, 168.14, 3.49, 4.00
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** 439499.690, 3748735.128, 167.84, 3.49, 4.00
** 439466.756, 3748796.682, 160.93, 3.49, 4.00
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   LOCATION L0000360     VOLUME   439678.103 3748593.966 181.94
   LOCATION L0000361     VOLUME   439678.149 3748602.556 179.66
   LOCATION L0000362     VOLUME   439678.194 3748611.145 177.62
   LOCATION L0000363     VOLUME   439678.239 3748619.735 175.78
   LOCATION L0000364     VOLUME   439678.284 3748628.325 173.94
   LOCATION L0000365     VOLUME   439678.329 3748636.915 172.14
   LOCATION L0000366     VOLUME   439678.375 3748645.505 170.95
   LOCATION L0000367     VOLUME   439678.420 3748654.095 169.77
   LOCATION L0000368     VOLUME   439678.465 3748662.685 168.60
   LOCATION L0000369     VOLUME   439680.158 3748671.072 167.67
   LOCATION L0000370     VOLUME   439682.193 3748679.417 167.08
   LOCATION L0000371     VOLUME   439674.650 3748680.102 167.57
   LOCATION L0000372     VOLUME   439666.061 3748679.950 168.18
   LOCATION L0000373     VOLUME   439657.472 3748679.798 168.59
   LOCATION L0000374     VOLUME   439648.884 3748679.647 168.29
   LOCATION L0000375     VOLUME   439640.295 3748679.495 167.98
   LOCATION L0000376     VOLUME   439631.706 3748679.343 167.66
   LOCATION L0000377     VOLUME   439623.118 3748679.192 168.02
   LOCATION L0000378     VOLUME   439614.529 3748679.040 168.65
   LOCATION L0000379     VOLUME   439605.940 3748678.888 169.28
   LOCATION L0000380     VOLUME   439597.352 3748678.736 169.94
   LOCATION L0000381     VOLUME   439588.763 3748678.585 170.70
   LOCATION L0000382     VOLUME   439580.174 3748678.433 171.46
   LOCATION L0000383     VOLUME   439571.586 3748678.281 172.22
   LOCATION L0000384     VOLUME   439562.997 3748678.130 172.52
   LOCATION L0000385     VOLUME   439554.408 3748677.978 172.65
   LOCATION L0000386     VOLUME   439545.820 3748677.826 172.78
   LOCATION L0000387     VOLUME   439537.231 3748677.675 172.87
   LOCATION L0000388     VOLUME   439528.642 3748677.523 172.89
   LOCATION L0000389     VOLUME   439520.054 3748677.371 172.90
   LOCATION L0000390     VOLUME   439511.465 3748677.220 172.92
   LOCATION L0000391     VOLUME   439504.753 3748679.012 172.59
   LOCATION L0000392     VOLUME   439504.599 3748687.601 171.72
   LOCATION L0000393     VOLUME   439504.446 3748696.189 170.86
   LOCATION L0000394     VOLUME   439504.293 3748704.778 169.99
   LOCATION L0000395     VOLUME   439504.139 3748713.367 169.13
   LOCATION L0000396     VOLUME   439503.727 3748721.914 168.26
   LOCATION L0000397     VOLUME   439501.217 3748730.129 167.36
   LOCATION L0000398     VOLUME   439498.103 3748738.094 166.46
   LOCATION L0000399     VOLUME   439494.051 3748745.668 165.56
   LOCATION L0000400     VOLUME   439489.998 3748753.242 164.67
   LOCATION L0000401     VOLUME   439485.946 3748760.816 163.81
   LOCATION L0000402     VOLUME   439481.894 3748768.390 162.92
   LOCATION L0000403     VOLUME   439477.841 3748775.964 162.01
   LOCATION L0000404     VOLUME   439473.789 3748783.538 161.12
   LOCATION L0000405     VOLUME   439469.737 3748791.112 160.57
** End of LINE VOLUME Source ID = B5ON
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OFFSITE
** DESCRSRC Offsite 100%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 7
** 439458.404, 3748815.465, 160.08, 3.49, 6.51
** 439420.735, 3748795.673, 162.07, 3.49, 6.51
** 439394.559, 3748792.481, 163.91, 3.49, 6.51
** 439354.337, 3748791.204, 164.14, 3.49, 6.51
** 439330.076, 3748796.950, 164.96, 3.49, 6.51
** 439115.558, 3748915.063, 159.14, 3.49, 6.51
** 439082.359, 3748931.024, 157.18, 3.49, 6.51
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   LOCATION L0000406     VOLUME   439452.207 3748812.209 160.01
   LOCATION L0000407     VOLUME   439439.814 3748805.697 160.64
   LOCATION L0000408     VOLUME   439427.420 3748799.185 161.46
   LOCATION L0000409     VOLUME   439414.334 3748794.892 162.24
   LOCATION L0000410     VOLUME   439400.437 3748793.198 162.98
   LOCATION L0000411     VOLUME   439386.485 3748792.225 163.63
   LOCATION L0000412     VOLUME   439372.492 3748791.780 163.74
   LOCATION L0000413     VOLUME   439358.499 3748791.336 163.86
   LOCATION L0000414     VOLUME   439344.766 3748793.471 164.14
   LOCATION L0000415     VOLUME   439331.143 3748796.697 164.28
   LOCATION L0000416     VOLUME   439318.772 3748803.174 164.08
   LOCATION L0000417     VOLUME   439306.508 3748809.926 164.03
   LOCATION L0000418     VOLUME   439294.244 3748816.679 164.15
   LOCATION L0000419     VOLUME   439281.980 3748823.431 164.11
   LOCATION L0000420     VOLUME   439269.716 3748830.184 164.07
   LOCATION L0000421     VOLUME   439257.453 3748836.936 163.90
   LOCATION L0000422     VOLUME   439245.189 3748843.689 163.91
   LOCATION L0000423     VOLUME   439232.925 3748850.441 163.92
   LOCATION L0000424     VOLUME   439220.661 3748857.194 163.68
   LOCATION L0000425     VOLUME   439208.397 3748863.946 163.25
   LOCATION L0000426     VOLUME   439196.133 3748870.699 162.57
   LOCATION L0000427     VOLUME   439183.869 3748877.451 161.90
   LOCATION L0000428     VOLUME   439171.605 3748884.203 161.22
   LOCATION L0000429     VOLUME   439159.341 3748890.956 160.55
   LOCATION L0000430     VOLUME   439147.077 3748897.708 159.87
   LOCATION L0000431     VOLUME   439134.813 3748904.461 159.20
   LOCATION L0000432     VOLUME   439122.549 3748911.213 158.68
   LOCATION L0000433     VOLUME   439110.133 3748917.671 158.25
   LOCATION L0000434     VOLUME   439097.516 3748923.737 157.85
   LOCATION L0000435     VOLUME   439084.898 3748929.803 157.44
** End of LINE VOLUME Source ID = OFFSITE
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   LOCATION REF          VOLUME     439356.605  3748891.107      159.090
** DESCRSRC Refuel
   LOCATION SPILL        VOLUME     439356.605  3748891.107      159.090
** DESCRSRC Spill
   LOCATION LOAD         POINT      439365.700  3748905.000      158.600
** DESCRSRC Loading
   LOCATION BREATHE      POINT      439365.700  3748905.000      158.600
** DESCRSRC Breathing
   LOCATION STCK1        POINT      439438.240  3748604.220      178.510
   LOCATION STCK2        POINT      439545.760  3748572.284      189.530
   LOCATION STCK3        POINT      439777.569  3748574.586      175.140
   LOCATION STCK4        POINT      439785.238  3748832.848      158.900
   LOCATION STCK5        POINT      439549.230  3748788.343      162.870
** Source Parameters **
** LINE VOLUME Source ID = B1IDLE
   SRCPARAM L0000001     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000002     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000003     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000004     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000005     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000006     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000007     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000008     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000009     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000010     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000011     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000012     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000013     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000014     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000015     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000016     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000017     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000018     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000019     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000020     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000021     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000022     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000023     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000024     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000025     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000026     0.0384615385      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = B2IDLE
   SRCPARAM L0000027     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000028     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000029     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000030     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000031     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000032     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000033     0.0909090909      3.49      4.00      3.25
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   SRCPARAM L0000034     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000035     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000036     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000037     0.0909090909      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = B3IDLE
   SRCPARAM L0000038     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000039     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000040     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000041     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000042     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000043     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000044     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000045     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000046     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000047     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000048     0.0909090909      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = B4IDLE
   SRCPARAM L0000056     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000057     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000058     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000059     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000060     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000061     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000062     0.1428571429      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = B5IDLE
   SRCPARAM L0000063     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000064     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000065     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000066     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000067     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000068     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000069     0.1428571429      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = B1ON
   SRCPARAM L0000070     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000071     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000072     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000073     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000074     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000075     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000076     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000077     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000078     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000079     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000080     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000081     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000082     0.0166666667      3.49      4.00      3.25
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   SRCPARAM L0000083     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000084     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000085     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000086     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000087     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000088     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000089     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000090     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000091     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000092     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000093     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000094     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000095     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000096     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000097     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000098     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000099     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000100     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000101     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000102     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000103     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000104     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000105     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000106     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000107     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000108     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000109     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000110     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000111     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000112     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000113     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000114     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000115     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000116     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000117     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000118     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000119     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000120     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000121     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000122     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000123     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000124     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000125     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000126     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000127     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000128     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000129     0.0166666667      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = B2ON
   SRCPARAM L0000220     0.0212765957      3.49      4.00      3.25
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   SRCPARAM L0000221     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000222     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000223     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000224     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000225     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000226     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000227     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000228     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000229     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000230     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000231     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000232     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000233     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000234     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000235     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000236     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000237     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000238     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000239     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000240     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000241     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000242     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000243     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000244     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000245     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000246     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000247     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000248     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000249     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000250     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000251     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000252     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000253     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000254     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000255     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000256     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000257     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000258     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000259     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000260     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000261     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000262     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000263     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000264     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000265     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000266     0.0212765957      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = B3ON
   SRCPARAM L0000267          0.02      3.49      4.00      3.25
   SRCPARAM L0000268          0.02      3.49      4.00      3.25
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   SRCPARAM L0000269          0.02      3.49      4.00      3.25
   SRCPARAM L0000270          0.02      3.49      4.00      3.25
   SRCPARAM L0000271          0.02      3.49      4.00      3.25
   SRCPARAM L0000272          0.02      3.49      4.00      3.25
   SRCPARAM L0000273          0.02      3.49      4.00      3.25
   SRCPARAM L0000274          0.02      3.49      4.00      3.25
   SRCPARAM L0000275          0.02      3.49      4.00      3.25
   SRCPARAM L0000276          0.02      3.49      4.00      3.25
   SRCPARAM L0000277          0.02      3.49      4.00      3.25
   SRCPARAM L0000278          0.02      3.49      4.00      3.25
   SRCPARAM L0000279          0.02      3.49      4.00      3.25
   SRCPARAM L0000280          0.02      3.49      4.00      3.25
   SRCPARAM L0000281          0.02      3.49      4.00      3.25
   SRCPARAM L0000282          0.02      3.49      4.00      3.25
   SRCPARAM L0000283          0.02      3.49      4.00      3.25
   SRCPARAM L0000284          0.02      3.49      4.00      3.25
   SRCPARAM L0000285          0.02      3.49      4.00      3.25
   SRCPARAM L0000286          0.02      3.49      4.00      3.25
   SRCPARAM L0000287          0.02      3.49      4.00      3.25
   SRCPARAM L0000288          0.02      3.49      4.00      3.25
   SRCPARAM L0000289          0.02      3.49      4.00      3.25
   SRCPARAM L0000290          0.02      3.49      4.00      3.25
   SRCPARAM L0000291          0.02      3.49      4.00      3.25
   SRCPARAM L0000292          0.02      3.49      4.00      3.25
   SRCPARAM L0000293          0.02      3.49      4.00      3.25
   SRCPARAM L0000294          0.02      3.49      4.00      3.25
   SRCPARAM L0000295          0.02      3.49      4.00      3.25
   SRCPARAM L0000296          0.02      3.49      4.00      3.25
   SRCPARAM L0000297          0.02      3.49      4.00      3.25
   SRCPARAM L0000298          0.02      3.49      4.00      3.25
   SRCPARAM L0000299          0.02      3.49      4.00      3.25
   SRCPARAM L0000300          0.02      3.49      4.00      3.25
   SRCPARAM L0000301          0.02      3.49      4.00      3.25
   SRCPARAM L0000302          0.02      3.49      4.00      3.25
   SRCPARAM L0000303          0.02      3.49      4.00      3.25
   SRCPARAM L0000304          0.02      3.49      4.00      3.25
   SRCPARAM L0000305          0.02      3.49      4.00      3.25
   SRCPARAM L0000306          0.02      3.49      4.00      3.25
   SRCPARAM L0000307          0.02      3.49      4.00      3.25
   SRCPARAM L0000308          0.02      3.49      4.00      3.25
   SRCPARAM L0000309          0.02      3.49      4.00      3.25
   SRCPARAM L0000310          0.02      3.49      4.00      3.25
   SRCPARAM L0000311          0.02      3.49      4.00      3.25
   SRCPARAM L0000312          0.02      3.49      4.00      3.25
   SRCPARAM L0000313          0.02      3.49      4.00      3.25
   SRCPARAM L0000314          0.02      3.49      4.00      3.25
   SRCPARAM L0000315          0.02      3.49      4.00      3.25
   SRCPARAM L0000316          0.02      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = B4ON
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   SRCPARAM L0000317     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000318     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000319     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000320     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000321     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000322     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000323     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000324     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000325     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000326     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000327     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000328     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000329     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000330     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000331     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000332     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000333     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000334     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000335     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000336     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000337     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000338     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000339     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000340     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000341     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000342     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000343     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000344     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000345     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000346     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000347     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000348     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000349     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000350     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000351     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000352     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000353     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000354     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000355     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000356     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000357     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000358     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000359     0.023255814      3.49      4.00      3.25
** ----------------------------------------------------------------
** LINE VOLUME Source ID = B5ON
   SRCPARAM L0000360     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000361     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000362     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000363     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000364     0.0217391304      3.49      4.00      3.25
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   SRCPARAM L0000365     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000366     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000367     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000368     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000369     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000370     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000371     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000372     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000373     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000374     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000375     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000376     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000377     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000378     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000379     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000380     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000381     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000382     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000383     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000384     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000385     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000386     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000387     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000388     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000389     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000390     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000391     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000392     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000393     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000394     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000395     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000396     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000397     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000398     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000399     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000400     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000401     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000402     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000403     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000404     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000405     0.0217391304      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = OFFSITE
   SRCPARAM L0000406     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000407     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000408     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000409     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000410     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000411     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000412     0.0333333333      3.49      6.51      3.25
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   SRCPARAM L0000413     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000414     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000415     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000416     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000417     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000418     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000419     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000420     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000421     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000422     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000423     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000424     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000425     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000426     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000427     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000428     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000429     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000430     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000431     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000432     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000433     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000434     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000435     0.0333333333      3.49      6.51      3.25
** ------------------------------------------------------------------
   SRCPARAM REF                  1.0     1.000     3.953     2.330
   SRCPARAM SPILL                1.0     0.000     3.953     2.330
   SRCPARAM LOAD                 1.0     3.660   291.480     0.001     0.051

   SRCPARAM BREATHE              1.0     3.660   288.710         0     0.051

   SRCPARAM STCK1        0.0045625001     3.550   728.550     54.78      0.13

   SRCPARAM STCK2        0.0045625001     3.550   728.550     54.78      0.13

   SRCPARAM STCK3        0.0045625001     3.550   728.550     54.78      0.13

   SRCPARAM STCK4        0.0045625001     3.550   728.550     54.78      0.13

   SRCPARAM STCK5        0.0045625001     3.550   728.550     54.78      0.13


** Building Downwash **
   BUILDHGT LOAD              0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT LOAD              0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT LOAD              0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT LOAD              0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT LOAD              0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT LOAD              0.00     0.00     0.00     0.00     0.00     0.00

   BUILDHGT BREATHE           0.00     0.00     0.00     0.00     0.00     0.00
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BUILDHGT BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDWID LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID BREATHE	0.00	0.00	0.00	0.00	0.00	0.00

BUILDWID BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK1	288.88	288.26	280.26	263.75	239.23	207.44
BUILDWID STCK1	169.34	126.82	121.20	162.29	199.09	229.84
BUILDWID STCK1	253.60	269.66	280.55	284.11	279.03	283.29
BUILDWID STCK1	288.88	288.26	280.26	263.75	239.23	207.44
BUILDWID STCK1	169.34	126.82	121.20	162.29	199.09	229.84
BUILDWID STCK1	253.60	269.66	280.55	284.11	279.03	283.29
BUILDWID STCK2	110.68	123.24	132.05	136.85	137.49	133.96
BUILDWID STCK2	126.35	115.06	103.03	116.79	127.61	134.55
BUILDWID STCK2	137.40	136.08	130.62	121.20	108.14	96.29
BUILDWID STCK2	110.68	123.24	132.05	136.85	137.49	133.96
BUILDWID STCK2	126.35	115.06	103.03	116.79	127.61	134.55
BUILDWID STCK2	137.40	136.08	130.62	121.20	108.14	96.29
BUILDWID STCK3	101.61	113.65	122.30	127.24	128.32	125.49
BUILDWID STCK3	118.86	108.61	98.75	110.18	119.95	126.08
BUILDWID STCK3	128.38	126.77	121.32	112.18	99.63	88.79
BUILDWID STCK3	101.61	113.65	122.30	127.24	128.32	125.49
BUILDWID STCK3	118.86	108.61	98.75	110.18	119.95	126.08
BUILDWID STCK3	128.38	126.77	121.32	112.18	99.63	88.79
BUILDWID STCK4	115.30	134.47	149.56	160.11	165.79	166.43
BUILDWID STCK4	162.01	152.68	142.22	153.48	162.21	166.02
BUILDWID STCK4	164.78	158.53	147.47	131.93	112.57	95.38
BUILDWID STCK4	115.30	134.47	149.56	160.11	165.79	166.43
BUILDWID STCK4	162.01	152.68	142.22	153.48	162.21	166.02
BUILDWID STCK4	164.78	158.53	147.47	131.93	112.57	95.38
BUILDWID STCK5	113.12	130.23	143.38	152.18	156.35	158.76
BUILDWID STCK5	159.01	154.43	145.70	157.30	166.10	169.85
BUILDWID STCK5	168.44	161.92	150.47	134.45	114.35	96.72
BUILDWID STCK5	113.12	130.23	143.38	152.18	156.35	158.76
BUILDWID STCK5	159.01	154.43	145.70	157.30	166.10	169.85
BUILDWID STCK5	168.44	161.92	150.47	134.45	114.35	96.72
BUILDLEN LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN BREATHE	0.00	0.00	0.00	0.00	0.00	0.00

BUILDLEN	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN	STCK1	162.29	199.09	229.84	253.60	269.66	280.55
BUILDLEN	STCK1	284.11	279.03	283.29	288.88	288.26	280.26
BUILDLEN	STCK1	263.75	239.23	207.44	169.34	126.82	121.20
BUILDLEN	STCK1	162.29	199.09	229.84	253.60	269.66	280.55
BUILDLEN	STCK1	284.11	279.03	283.29	288.88	288.26	280.26
BUILDLEN	STCK1	263.75	239.23	207.44	169.34	126.82	121.20
BUILDLEN	STCK2	116.79	127.61	134.55	137.40	136.08	130.62
BUILDLEN	STCK2	121.20	108.14	96.29	110.68	123.24	132.05
BUILDLEN	STCK2	136.85	137.49	133.96	126.35	115.06	103.03
BUILDLEN	STCK2	116.79	127.61	134.55	137.40	136.08	130.62
BUILDLEN	STCK2	121.20	108.14	96.29	110.68	123.24	132.05
BUILDLEN	STCK2	136.85	137.49	133.96	126.35	115.06	103.03
BUILDLEN	STCK3	110.18	119.95	126.08	128.38	126.77	121.32
BUILDLEN	STCK3	112.18	99.63	88.79	101.61	113.65	122.30
BUILDLEN	STCK3	127.24	128.32	125.49	118.86	108.61	98.75
BUILDLEN	STCK3	110.18	119.95	126.08	128.38	126.77	121.32
BUILDLEN	STCK3	112.18	99.63	88.79	101.61	113.65	122.30
BUILDLEN	STCK3	127.24	128.32	125.49	118.86	108.61	98.75
BUILDLEN	STCK4	153.48	162.21	166.02	164.78	158.53	147.47
BUILDLEN	STCK4	131.93	112.57	95.38	115.30	134.47	149.56
BUILDLEN	STCK4	160.11	165.79	166.43	162.01	152.68	142.22
BUILDLEN	STCK4	153.48	162.21	166.02	164.78	158.53	147.47
BUILDLEN	STCK4	131.93	112.57	95.38	115.30	134.47	149.56
BUILDLEN	STCK4	160.11	165.79	166.43	162.01	152.68	142.22
BUILDLEN	STCK5	157.30	166.10	169.85	168.44	161.92	150.47
BUILDLEN	STCK5	134.45	114.35	96.72	113.12	130.23	143.38
BUILDLEN	STCK5	152.18	156.35	158.76	159.01	154.43	145.70
BUILDLEN	STCK5	157.30	166.10	169.85	168.44	161.92	150.47
BUILDLEN	STCK5	134.45	114.35	96.72	113.12	130.23	143.38
BUILDLEN	STCK5	152.18	156.35	158.76	159.01	154.43	145.70
XBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00

XBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	STCK1	-50.66	-92.40	-131.33	-166.27	-196.16	-220.08
XBADJ	STCK1	-237.33	-247.36	-257.93	-264.91	-266.39	-261.18
XBADJ	STCK1	-248.03	-227.34	-199.75	-166.08	-128.09	-113.82
XBADJ	STCK1	-111.63	-106.69	-98.51	-87.34	-73.51	-60.47
XBADJ	STCK1	-46.78	-31.68	-25.36	-23.97	-21.86	-19.08
XBADJ	STCK1	-15.72	-11.89	-7.69	-3.26	1.27	-7.38
XBADJ	STCK2	-4.14	-3.61	-2.97	-2.24	-1.45	-0.61
XBADJ	STCK2	0.25	1.06	-1.14	-16.11	-32.12	-47.15
XBADJ	STCK2	-60.75	-72.50	-82.05	-89.11	-93.61	-97.88
XBADJ	STCK2	-112.65	-124.00	-131.58	-135.16	-134.63	-130.02
XBADJ	STCK2	-121.45	-109.19	-95.15	-94.57	-91.12	-84.90
XBADJ	STCK2	-76.10	-64.99	-51.91	-37.24	-21.45	-5.15
XBADJ	STCK3	-21.80	-36.23	-49.56	-61.39	-71.35	-79.14
XBADJ	STCK3	-84.53	-87.35	-88.89	-103.34	-114.64	-122.47
XBADJ	STCK3	-126.57	-126.82	-123.23	-115.89	-105.02	-92.05
XBADJ	STCK3	-88.38	-83.72	-76.52	-66.99	-55.42	-42.17
XBADJ	STCK3	-27.64	-12.27	0.10	1.73	1.00	0.16
XBADJ	STCK3	-0.68	-1.49	-2.27	-2.97	-3.59	-6.70
XBADJ	STCK4	-153.22	-162.20	-166.25	-165.26	-159.24	-148.38
XBADJ	STCK4	-133.02	-113.61	-92.13	-91.00	-87.11	-80.57
XBADJ	STCK4	-71.58	-60.42	-47.42	-32.99	-17.54	-2.64
XBADJ	STCK4	-0.26	-0.01	0.24	0.48	0.71	0.91
XBADJ	STCK4	1.09	1.04	-3.25	-24.29	-47.36	-68.99
XBADJ	STCK4	-88.52	-105.36	-119.00	-129.03	-135.13	-139.58
XBADJ	STCK5	-96.42	-91.34	-83.50	-73.11	-60.50	-46.06
XBADJ	STCK5	-30.21	-13.45	-0.43	-0.83	-5.36	-9.72
XBADJ	STCK5	-13.79	-17.44	-23.55	-31.60	-38.70	-45.16
XBADJ	STCK5	-60.88	-74.75	-86.35	-95.33	-101.41	-104.41
XBADJ	STCK5	-104.24	-100.90	-96.29	-112.29	-124.87	-133.66
XBADJ	STCK5	-138.39	-138.91	-135.22	-127.41	-115.73	-100.54
YBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00

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   YBADJ    BREATHE          0.00     0.00     0.00     0.00     0.00     0.00

   YBADJ    STCK1          120.47   122.27   121.05   116.15   107.73    96.03
   YBADJ    STCK1           81.41    64.68    53.22    30.49     7.15   -16.41
   YBADJ    STCK1          -39.46   -61.32   -79.81   -95.27  -107.84  -116.29
   YBADJ    STCK1         -120.47  -122.27  -121.05  -116.15  -107.73   -96.03
   YBADJ    STCK1          -81.41   -64.68   -53.22   -30.49    -7.15    16.41
   YBADJ    STCK1           39.46    61.32    79.81    95.27   107.84   116.29

   YBADJ    STCK2          -39.23   -29.50   -18.88    -7.68     3.75    15.07
   YBADJ    STCK2           25.93    36.08    46.37    54.26    60.19    64.30
   YBADJ    STCK2           66.46    66.59    64.71    60.85    55.13    47.00
   YBADJ    STCK2           39.23    29.50    18.88     7.68    -3.75   -15.07
   YBADJ    STCK2          -25.93   -36.08   -46.37   -54.26   -60.19   -64.30
   YBADJ    STCK2          -66.46   -66.59   -64.70   -60.85   -55.13   -47.00

   YBADJ    STCK3           52.53    57.82    61.31    62.95    62.67    60.48
   YBADJ    STCK3           56.46    50.72    42.67    33.29    23.75    13.48
   YBADJ    STCK3            2.80    -7.96   -18.48   -28.44   -37.54   -44.50
   YBADJ    STCK3          -52.53   -57.82   -61.31   -62.95   -62.67   -60.48
   YBADJ    STCK3          -56.46   -50.72   -42.67   -33.29   -23.75   -13.48
   YBADJ    STCK3           -2.80     7.96    18.48    28.44    37.54    44.50

   YBADJ    STCK4           33.35    19.87     5.79    -8.47   -22.47   -35.79
   YBADJ    STCK4          -48.02   -58.79   -68.47   -76.48   -81.09   -83.25
   YBADJ    STCK4          -82.87   -79.97   -74.65   -67.05   -57.32   -44.44
   YBADJ    STCK4          -33.35   -19.87    -5.79     8.47    22.47    35.79
   YBADJ    STCK4           48.02    58.79    68.47    76.48    81.09    83.25
   YBADJ    STCK4           82.87    79.97    74.65    67.05    57.32    44.44

   YBADJ    STCK5          -55.73   -59.76   -61.97   -62.30   -60.74   -55.83
   YBADJ    STCK5          -47.90   -38.52   -27.69   -17.77    -8.29     1.43
   YBADJ    STCK5           11.11    20.45    29.18    37.01    43.72    47.93
   YBADJ    STCK5           55.73    59.76    61.97    62.30    60.74    55.83
   YBADJ    STCK5           47.90    38.52    27.69    17.77     8.29    -1.43
   YBADJ    STCK5          -11.11   -20.45   -29.18   -37.01   -43.72   -47.93

   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 1.0 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
```

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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 1.0 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 STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP B1IDLE   L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
SRCGROUP B1IDLE   L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
SRCGROUP B1IDLE   L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
SRCGROUP B1IDLE   L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
```

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SRCGROUP B1IDLE   L0000025 L0000026
SRCGROUP B1ON     L0000070 L0000071 L0000072 L0000073 L0000074 L0000075
SRCGROUP B1ON     L0000076 L0000077 L0000078 L0000079 L0000080 L0000081
SRCGROUP B1ON     L0000082 L0000083 L0000084 L0000085 L0000086 L0000087
SRCGROUP B1ON     L0000088 L0000089 L0000090 L0000091 L0000092 L0000093
SRCGROUP B1ON     L0000094 L0000095 L0000096 L0000097 L0000098 L0000099
SRCGROUP B1ON     L0000100 L0000101 L0000102 L0000103 L0000104 L0000105
SRCGROUP B1ON     L0000106 L0000107 L0000108 L0000109 L0000110 L0000111
SRCGROUP B1ON     L0000112 L0000113 L0000114 L0000115 L0000116 L0000117
SRCGROUP B1ON     L0000118 L0000119 L0000120 L0000121 L0000122 L0000123
SRCGROUP B1ON     L0000124 L0000125 L0000126 L0000127 L0000128 L0000129
SRCGROUP B2IDLE   L0000027 L0000028 L0000029 L0000030 L0000031 L0000032
SRCGROUP B2IDLE   L0000033 L0000034 L0000035 L0000036 L0000037
SRCGROUP B2ON     L0000220 L0000221 L0000222 L0000223 L0000224 L0000225
SRCGROUP B2ON     L0000226 L0000227 L0000228 L0000229 L0000230 L0000231
SRCGROUP B2ON     L0000232 L0000233 L0000234 L0000235 L0000236 L0000237
SRCGROUP B2ON     L0000238 L0000239 L0000240 L0000241 L0000242 L0000243
SRCGROUP B2ON     L0000244 L0000245 L0000246 L0000247 L0000248 L0000249
SRCGROUP B2ON     L0000250 L0000251 L0000252 L0000253 L0000254 L0000255
SRCGROUP B2ON     L0000256 L0000257 L0000258 L0000259 L0000260 L0000261
SRCGROUP B2ON     L0000262 L0000263 L0000264 L0000265 L0000266
SRCGROUP B3IDLE   L0000038 L0000039 L0000040 L0000041 L0000042 L0000043
SRCGROUP B3IDLE   L0000044 L0000045 L0000046 L0000047 L0000048
SRCGROUP B3ON     L0000267 L0000268 L0000269 L0000270 L0000271 L0000272
SRCGROUP B3ON     L0000273 L0000274 L0000275 L0000276 L0000277 L0000278
SRCGROUP B3ON     L0000279 L0000280 L0000281 L0000282 L0000283 L0000284
SRCGROUP B3ON     L0000285 L0000286 L0000287 L0000288 L0000289 L0000290
SRCGROUP B3ON     L0000291 L0000292 L0000293 L0000294 L0000295 L0000296
SRCGROUP B3ON     L0000297 L0000298 L0000299 L0000300 L0000301 L0000302
SRCGROUP B3ON     L0000303 L0000304 L0000305 L0000306 L0000307 L0000308
SRCGROUP B3ON     L0000309 L0000310 L0000311 L0000312 L0000313 L0000314
SRCGROUP B3ON     L0000315 L0000316
SRCGROUP B4IDLE   L0000056 L0000057 L0000058 L0000059 L0000060 L0000061
SRCGROUP B4IDLE   L0000062
SRCGROUP B4ON     L0000317 L0000318 L0000319 L0000320 L0000321 L0000322
SRCGROUP B4ON     L0000323 L0000324 L0000325 L0000326 L0000327 L0000328
SRCGROUP B4ON     L0000329 L0000330 L0000331 L0000332 L0000333 L0000334
SRCGROUP B4ON     L0000335 L0000336 L0000337 L0000338 L0000339 L0000340
SRCGROUP B4ON     L0000341 L0000342 L0000343 L0000344 L0000345 L0000346
SRCGROUP B4ON     L0000347 L0000348 L0000349 L0000350 L0000351 L0000352
SRCGROUP B4ON     L0000353 L0000354 L0000355 L0000356 L0000357 L0000358
SRCGROUP B4ON     L0000359
SRCGROUP B5IDLE   L0000063 L0000064 L0000065 L0000066 L0000067 L0000068
SRCGROUP B5IDLE   L0000069
SRCGROUP B5ON     L0000360 L0000361 L0000362 L0000363 L0000364 L0000365
SRCGROUP B5ON     L0000366 L0000367 L0000368 L0000369 L0000370 L0000371
SRCGROUP B5ON     L0000372 L0000373 L0000374 L0000375 L0000376 L0000377
SRCGROUP B5ON     L0000378 L0000379 L0000380 L0000381 L0000382 L0000383
SRCGROUP B5ON     L0000384 L0000385 L0000386 L0000387 L0000388 L0000389
SRCGROUP B5ON     L0000390 L0000391 L0000392 L0000393 L0000394 L0000395
```

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   SRCGROUP B5ON     L0000396 L0000397 L0000398 L0000399 L0000400 L0000401
   SRCGROUP B5ON     L0000402 L0000403 L0000404 L0000405
   SRCGROUP BREATHE  BREATHE
   SRCGROUP LOAD     LOAD
   SRCGROUP OFFSITE  L0000406 L0000407 L0000408 L0000409 L0000410 L0000411
   SRCGROUP OFFSITE  L0000412 L0000413 L0000414 L0000415 L0000416 L0000417
   SRCGROUP OFFSITE  L0000418 L0000419 L0000420 L0000421 L0000422 L0000423
   SRCGROUP OFFSITE  L0000424 L0000425 L0000426 L0000427 L0000428 L0000429
   SRCGROUP OFFSITE  L0000430 L0000431 L0000432 L0000433 L0000434 L0000435
   SRCGROUP REF      REF
   SRCGROUP SPILL    SPILL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "12630 Ops.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KRAL_V9_ADJU\KRAL_v9.SFC
   PROFFILE KRAL_V9_ADJU\KRAL_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   PROFBASE 245.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   PLOTFILE 1 ALL 1ST "12630 Ops.AD\ALL_1H.PLT" 31
   PLOTFILE PERIOD ALL "12630 Ops.AD\ALL_PER.PLT" 32
   PLOTFILE PERIOD B1IDLE "12630 Ops.AD\B1IDLE_PER.PLT" 33
   PLOTFILE 1 B1IDLE 1ST "12630 Ops.AD\B1IDLE_1H.PLT" 34
   PLOTFILE 1 B1ON 1ST "12630 Ops.AD\B1ON_1H.PLT" 35
   PLOTFILE PERIOD B1ON "12630 Ops.AD\B1ON_PER.PLT" 36
```

```
   PLOTFILE PERIOD B2IDLE "12630 Ops.AD\B2IDLE_PER.PLT" 37
   PLOTFILE 1 B2IDLE 1ST "12630 Ops.AD\B2IDLE_1H.PLT" 38
   PLOTFILE 1 B2ON 1ST "12630 Ops.AD\B2ON_1H.PLT" 39
   PLOTFILE PERIOD B2ON "12630 Ops.AD\B2ON_PER.PLT" 40
   PLOTFILE PERIOD B3IDLE "12630 Ops.AD\B3IDLE_PER.PLT" 41
   PLOTFILE 1 B3IDLE 1ST "12630 Ops.AD\B3IDLE_1H.PLT" 42
   PLOTFILE 1 B3ON 1ST "12630 Ops.AD\B3ON_1H.PLT" 43
   PLOTFILE PERIOD B3ON "12630 Ops.AD\B3ON_PER.PLT" 44
   PLOTFILE PERIOD B4IDLE "12630 Ops.AD\B4IDLE_PER.PLT" 45
   PLOTFILE 1 B4IDLE 1ST "12630 Ops.AD\B4IDLE_1H.PLT" 46
   PLOTFILE 1 B4ON 1ST "12630 Ops.AD\B4ON_1H.PLT" 47
   PLOTFILE PERIOD B4ON "12630 Ops.AD\B4ON_PER.PLT" 48
   PLOTFILE PERIOD B5IDLE "12630 Ops.AD\B5IDLE_PER.PLT" 49
   PLOTFILE 1 B5IDLE 1ST "12630 Ops.AD\B5IDLE_1H.PLT" 50
   PLOTFILE 1 B5ON 1ST "12630 Ops.AD\B5ON_1H.PLT" 51
   PLOTFILE PERIOD B5ON "12630 Ops.AD\B5ON_PER.PLT" 52
   PLOTFILE PERIOD BREATHE "12630 Ops.AD\BREATHE_PER.PLT" 53
   PLOTFILE 1 BREATHE 1ST "12630 Ops.AD\BREATHE_1H.PLT" 54
   PLOTFILE 1 LOAD 1ST "12630 Ops.AD\LOAD_1H.PLT" 55
   PLOTFILE PERIOD LOAD "12630 Ops.AD\LOAD_PER.PLT" 56
   PLOTFILE PERIOD OFFSITE "12630 Ops.AD\OFFSITE_PER.PLT" 57
   PLOTFILE 1 OFFSITE 1ST "12630 Ops.AD\OFFSITE_1H.PLT" 58
   PLOTFILE 1 REF 1ST "12630 Ops.AD\REF_1H.PLT" 59
   PLOTFILE PERIOD REF "12630 Ops.AD\REF_PER.PLT" 60
   PLOTFILE PERIOD SPILL "12630 Ops.AD\SPILL_PER.PLT" 61
   PLOTFILE 1 SPILL 1ST "12630 Ops.AD\SPILL_1H.PLT" 62
   SUMMFILE "12630 Ops.sum"
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
** ZONE     11
** ZONEINX  0
**
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 6/10/2024
** File: C:\Users\adadabhoy\Desktop\AERMOD\12630 Green River Ranch\12630 Ops\12630
Ops.ADI
**
```

```
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\12630 O
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2189641 Riverside_County
   POLLUTID OTHER
   RUNORNOT RUN
   ERRORFIL "12630 Ops.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B1IDLE
** DESCRSRC Bldg 1 Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 439206.196, 3748588.315, 207.00, 3.49, 4.00
** 439431.795, 3748614.318, 177.27, 3.49, 4.00
** ------------------------------------------------------------------------
   LOCATION L0000001     VOLUME   439210.463 3748588.806 203.28
   LOCATION L0000002     VOLUME   439218.996 3748589.790 201.52
   LOCATION L0000003     VOLUME   439227.530 3748590.774 199.73
   LOCATION L0000004     VOLUME   439236.063 3748591.757 197.90
   LOCATION L0000005     VOLUME   439244.597 3748592.741 196.31
   LOCATION L0000006     VOLUME   439253.130 3748593.724 194.86
   LOCATION L0000007     VOLUME   439261.664 3748594.708 193.39
   LOCATION L0000008     VOLUME   439270.197 3748595.691 191.86
   LOCATION L0000009     VOLUME   439278.731 3748596.675 189.99
   LOCATION L0000010     VOLUME   439287.264 3748597.659 188.18
```

```
   LOCATION L0000011     VOLUME   439295.798 3748598.642 186.42
   LOCATION L0000012     VOLUME   439304.331 3748599.626 185.21
   LOCATION L0000013     VOLUME   439312.865 3748600.609 184.42
   LOCATION L0000014     VOLUME   439321.398 3748601.593 183.68
   LOCATION L0000015     VOLUME   439329.932 3748602.577 183.01
   LOCATION L0000016     VOLUME   439338.465 3748603.560 182.49
   LOCATION L0000017     VOLUME   439346.999 3748604.544 181.95
   LOCATION L0000018     VOLUME   439355.532 3748605.527 181.39
   LOCATION L0000019     VOLUME   439364.066 3748606.511 180.83
   LOCATION L0000020     VOLUME   439372.599 3748607.495 180.39
   LOCATION L0000021     VOLUME   439381.133 3748608.478 179.98
   LOCATION L0000022     VOLUME   439389.666 3748609.462 179.55
   LOCATION L0000023     VOLUME   439398.200 3748610.445 178.11
   LOCATION L0000024     VOLUME   439406.733 3748611.429 176.73
   LOCATION L0000025     VOLUME   439415.267 3748612.412 175.40
   LOCATION L0000026     VOLUME   439423.800 3748613.396 175.40
** End of LINE VOLUME Source ID = B1IDLE
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B2IDLE
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** PREFIX
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** Nodes = 2
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** 439636.522, 3748709.251, 167.16, 3.49, 4.00
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   LOCATION L0000028     VOLUME   439635.507 3748790.072 161.55
   LOCATION L0000029     VOLUME   439635.615 3748781.482 161.96
   LOCATION L0000030     VOLUME   439635.723 3748772.893 162.24
   LOCATION L0000031     VOLUME   439635.831 3748764.304 162.52
   LOCATION L0000032     VOLUME   439635.938 3748755.714 162.83
   LOCATION L0000033     VOLUME   439636.046 3748747.125 163.40
   LOCATION L0000034     VOLUME   439636.154 3748738.536 163.97
   LOCATION L0000035     VOLUME   439636.262 3748729.946 164.53
   LOCATION L0000036     VOLUME   439636.370 3748721.357 165.14
   LOCATION L0000037     VOLUME   439636.477 3748712.768 165.78
** End of LINE VOLUME Source ID = B2IDLE
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B3IDLE
** DESCRSRC Bldg 3 Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
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** Emission Rate = 1.0
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** SZINIT = 3.25
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   LOCATION L0000039     VOLUME   439701.768 3748790.072 160.24
   LOCATION L0000040     VOLUME   439701.877 3748781.482 160.55
   LOCATION L0000041     VOLUME   439701.985 3748772.893 160.80
   LOCATION L0000042     VOLUME   439702.094 3748764.304 161.05
   LOCATION L0000043     VOLUME   439702.203 3748755.714 161.38
   LOCATION L0000044     VOLUME   439702.312 3748747.125 162.58
   LOCATION L0000045     VOLUME   439702.420 3748738.536 163.77
   LOCATION L0000046     VOLUME   439702.529 3748729.946 164.95
   LOCATION L0000047     VOLUME   439702.638 3748721.357 165.76
   LOCATION L0000048     VOLUME   439702.746 3748712.768 166.31
** End of LINE VOLUME Source ID = B3IDLE
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B4IDLE
** DESCRSRC Bldg 4 Idle
** PREFIX
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** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
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** Nodes = 2
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** 439631.817, 3748587.710, 178.05, 3.49, 4.00
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   LOCATION L0000057     VOLUME   439631.507 3748636.380 173.22
   LOCATION L0000058     VOLUME   439631.561 3748627.790 174.06
   LOCATION L0000059     VOLUME   439631.616 3748619.201 174.90
   LOCATION L0000060     VOLUME   439631.671 3748610.611 175.75
   LOCATION L0000061     VOLUME   439631.726 3748602.021 176.46
   LOCATION L0000062     VOLUME   439631.780 3748593.431 177.06
** End of LINE VOLUME Source ID = B4IDLE
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B5IDLE
** DESCRSRC Bldg 5 Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
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** 439699.252, 3748588.102, 187.66, 3.49, 4.00
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   LOCATION L0000064     VOLUME   439698.630 3748637.557 169.62
   LOCATION L0000065     VOLUME   439698.738 3748628.968 171.61
   LOCATION L0000066     VOLUME   439698.846 3748620.379 173.82
   LOCATION L0000067     VOLUME   439698.954 3748611.789 176.02
   LOCATION L0000068     VOLUME   439699.062 3748603.200 178.42
   LOCATION L0000069     VOLUME   439699.171 3748594.611 181.18
** End of LINE VOLUME Source ID = B5IDLE
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** Line Source Represented by Adjacent Volume Sources
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** DESCRSRC Onsite Bldg 1
** PREFIX
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** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
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** 439451.466, 3748590.847, 181.93, 3.49, 4.00
** 439496.553, 3748584.966, 187.36, 3.49, 4.00
** 439503.219, 3748590.063, 184.23, 3.49, 4.00
** 439504.787, 3748608.882, 181.17, 3.49, 4.00
** 439503.611, 3748730.423, 168.04, 3.49, 4.00
** 439465.580, 3748800.603, 160.12, 3.49, 4.00
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   LOCATION L0000071     VOLUME   439220.806 3748574.158 206.70
   LOCATION L0000072     VOLUME   439229.349 3748575.056 205.58
   LOCATION L0000073     VOLUME   439237.892 3748575.953 204.31
   LOCATION L0000074     VOLUME   439246.435 3748576.851 203.10
   LOCATION L0000075     VOLUME   439254.978 3748577.749 201.84
   LOCATION L0000076     VOLUME   439263.521 3748578.646 200.56
   LOCATION L0000077     VOLUME   439272.064 3748579.544 198.94
   LOCATION L0000078     VOLUME   439280.607 3748580.442 196.65
   LOCATION L0000079     VOLUME   439289.150 3748581.339 194.41
   LOCATION L0000080     VOLUME   439297.693 3748582.237 192.22
   LOCATION L0000081     VOLUME   439306.236 3748583.135 190.77
   LOCATION L0000082     VOLUME   439314.779 3748584.032 189.54
   LOCATION L0000083     VOLUME   439323.322 3748584.930 188.36
   LOCATION L0000084     VOLUME   439331.865 3748585.827 187.46
   LOCATION L0000085     VOLUME   439340.408 3748586.725 187.12
   LOCATION L0000086     VOLUME   439348.951 3748587.623 186.77
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   LOCATION L0000087     VOLUME   439357.494 3748588.520 186.39
   LOCATION L0000088     VOLUME   439366.036 3748589.418 185.25
   LOCATION L0000089     VOLUME   439374.579 3748590.316 183.96
   LOCATION L0000090     VOLUME   439383.122 3748591.213 182.76
   LOCATION L0000091     VOLUME   439391.665 3748592.111 181.56
   LOCATION L0000092     VOLUME   439400.208 3748593.008 180.14
   LOCATION L0000093     VOLUME   439408.751 3748593.906 178.70
   LOCATION L0000094     VOLUME   439417.294 3748594.804 177.25
   LOCATION L0000095     VOLUME   439425.824 3748595.306 177.93
   LOCATION L0000096     VOLUME   439434.287 3748593.834 179.59
   LOCATION L0000097     VOLUME   439442.750 3748592.363 181.24
   LOCATION L0000098     VOLUME   439451.213 3748590.891 182.65
   LOCATION L0000099     VOLUME   439459.729 3748589.769 183.12
   LOCATION L0000100     VOLUME   439468.247 3748588.658 183.59
   LOCATION L0000101     VOLUME   439476.765 3748587.547 184.06
   LOCATION L0000102     VOLUME   439485.283 3748586.436 184.59
   LOCATION L0000103     VOLUME   439493.800 3748585.325 185.19
   LOCATION L0000104     VOLUME   439501.172 3748588.497 184.85
   LOCATION L0000105     VOLUME   439503.718 3748596.055 183.29
   LOCATION L0000106     VOLUME   439504.431 3748604.615 181.40
   LOCATION L0000107     VOLUME   439504.745 3748613.190 180.29
   LOCATION L0000108     VOLUME   439504.662 3748621.780 179.38
   LOCATION L0000109     VOLUME   439504.579 3748630.370 178.48
   LOCATION L0000110     VOLUME   439504.496 3748638.959 177.50
   LOCATION L0000111     VOLUME   439504.413 3748647.549 176.35
   LOCATION L0000112     VOLUME   439504.329 3748656.138 175.20
   LOCATION L0000113     VOLUME   439504.246 3748664.728 174.05
   LOCATION L0000114     VOLUME   439504.163 3748673.318 173.14
   LOCATION L0000115     VOLUME   439504.080 3748681.907 172.27
   LOCATION L0000116     VOLUME   439503.997 3748690.497 171.41
   LOCATION L0000117     VOLUME   439503.914 3748699.086 170.55
   LOCATION L0000118     VOLUME   439503.831 3748707.676 169.69
   LOCATION L0000119     VOLUME   439503.748 3748716.266 168.83
   LOCATION L0000120     VOLUME   439503.664 3748724.855 167.97
   LOCATION L0000121     VOLUME   439502.171 3748733.080 167.09
   LOCATION L0000122     VOLUME   439498.078 3748740.632 166.20
   LOCATION L0000123     VOLUME   439493.986 3748748.185 165.31
   LOCATION L0000124     VOLUME   439489.893 3748755.737 164.42
   LOCATION L0000125     VOLUME   439485.800 3748763.289 163.58
   LOCATION L0000126     VOLUME   439481.708 3748770.842 162.67
   LOCATION L0000127     VOLUME   439477.615 3748778.394 161.76
   LOCATION L0000128     VOLUME   439473.522 3748785.947 160.86
   LOCATION L0000129     VOLUME   439469.430 3748793.499 160.51
** End of LINE VOLUME Source ID = B1ON
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B2ON
** DESCRSRC Bldg 2 Onsite
** PREFIX
** Length of Side = 8.59
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** Configuration = Adjacent
** Emission Rate = 1.0
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** 439503.219, 3748721.798, 168.13, 3.49, 4.00
** 439496.945, 3748742.969, 165.13, 3.49, 4.00
** 439466.364, 3748797.859, 160.93, 3.49, 4.00
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   LOCATION L0000221     VOLUME   439656.166 3748791.639 160.76
   LOCATION L0000222     VOLUME   439656.193 3748783.049 161.22
   LOCATION L0000223     VOLUME   439656.220 3748774.459 161.50
   LOCATION L0000224     VOLUME   439656.247 3748765.869 161.79
   LOCATION L0000225     VOLUME   439656.274 3748757.279 162.07
   LOCATION L0000226     VOLUME   439656.302 3748748.689 162.62
   LOCATION L0000227     VOLUME   439656.329 3748740.099 163.19
   LOCATION L0000228     VOLUME   439656.356 3748731.509 163.76
   LOCATION L0000229     VOLUME   439656.383 3748722.919 164.44
   LOCATION L0000230     VOLUME   439656.410 3748714.329 165.27
   LOCATION L0000231     VOLUME   439656.438 3748705.739 166.10
   LOCATION L0000232     VOLUME   439656.465 3748697.149 166.93
   LOCATION L0000233     VOLUME   439656.492 3748688.559 167.74
   LOCATION L0000234     VOLUME   439655.856 3748680.617 168.46
   LOCATION L0000235     VOLUME   439647.268 3748680.440 168.17
   LOCATION L0000236     VOLUME   439638.680 3748680.263 167.87
   LOCATION L0000237     VOLUME   439630.092 3748680.086 167.57
   LOCATION L0000238     VOLUME   439621.503 3748679.908 168.10
   LOCATION L0000239     VOLUME   439612.915 3748679.731 168.71
   LOCATION L0000240     VOLUME   439604.327 3748679.554 169.33
   LOCATION L0000241     VOLUME   439595.739 3748679.377 170.01
   LOCATION L0000242     VOLUME   439587.151 3748679.200 170.77
   LOCATION L0000243     VOLUME   439578.563 3748679.023 171.53
   LOCATION L0000244     VOLUME   439569.974 3748678.846 172.29
   LOCATION L0000245     VOLUME   439561.386 3748678.669 172.47
   LOCATION L0000246     VOLUME   439552.798 3748678.492 172.61
   LOCATION L0000247     VOLUME   439544.210 3748678.315 172.75
   LOCATION L0000248     VOLUME   439535.622 3748678.138 172.83
   LOCATION L0000249     VOLUME   439527.034 3748677.961 172.85
   LOCATION L0000250     VOLUME   439518.445 3748677.784 172.86
   LOCATION L0000251     VOLUME   439509.857 3748677.606 172.88
   LOCATION L0000252     VOLUME   439504.312 3748680.619 172.41
   LOCATION L0000253     VOLUME   439504.084 3748689.206 171.55
   LOCATION L0000254     VOLUME   439503.856 3748697.793 170.68
   LOCATION L0000255     VOLUME   439503.628 3748706.380 169.81
   LOCATION L0000256     VOLUME   439503.400 3748714.967 168.95
   LOCATION L0000257     VOLUME   439502.719 3748723.482 168.07
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   LOCATION L0000258     VOLUME   439500.279 3748731.718 167.17
   LOCATION L0000259     VOLUME   439497.839 3748739.954 166.26
   LOCATION L0000260     VOLUME   439494.295 3748747.726 165.37
   LOCATION L0000261     VOLUME   439490.114 3748755.230 164.48
   LOCATION L0000262     VOLUME   439485.933 3748762.734 163.63
   LOCATION L0000263     VOLUME   439481.753 3748770.238 162.73
   LOCATION L0000264     VOLUME   439477.572 3748777.742 161.82
   LOCATION L0000265     VOLUME   439473.391 3748785.246 160.93
   LOCATION L0000266     VOLUME   439469.210 3748792.750 160.52
** End of LINE VOLUME Source ID = B2ON
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B3ON
** DESCRSRC Bldg 3 Onsite
** PREFIX
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** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
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** 439504.003, 3748676.710, 174.10, 3.49, 4.00
** 439504.395, 3748720.621, 168.16, 3.49, 4.00
** 439498.906, 3748737.480, 167.80, 3.49, 4.00
** 439466.364, 3748796.682, 160.93, 3.49, 4.00
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   LOCATION L0000269     VOLUME   439682.208 3748780.697 160.28
   LOCATION L0000270     VOLUME   439682.290 3748772.108 160.35
   LOCATION L0000271     VOLUME   439682.373 3748763.518 160.41
   LOCATION L0000272     VOLUME   439682.456 3748754.929 160.67
   LOCATION L0000273     VOLUME   439682.538 3748746.339 161.90
   LOCATION L0000274     VOLUME   439682.621 3748737.749 163.14
   LOCATION L0000275     VOLUME   439682.703 3748729.160 164.38
   LOCATION L0000276     VOLUME   439682.786 3748720.570 165.06
   LOCATION L0000277     VOLUME   439682.869 3748711.981 165.47
   LOCATION L0000278     VOLUME   439682.951 3748703.391 165.88
   LOCATION L0000279     VOLUME   439683.034 3748694.801 166.29
   LOCATION L0000280     VOLUME   439683.116 3748686.212 166.69
   LOCATION L0000281     VOLUME   439680.954 3748679.807 167.14
   LOCATION L0000282     VOLUME   439672.365 3748679.657 167.76
   LOCATION L0000283     VOLUME   439663.776 3748679.507 168.38
   LOCATION L0000284     VOLUME   439655.188 3748679.356 168.55
   LOCATION L0000285     VOLUME   439646.599 3748679.206 168.23
   LOCATION L0000286     VOLUME   439638.010 3748679.056 167.91
   LOCATION L0000287     VOLUME   439629.422 3748678.905 167.59
   LOCATION L0000288     VOLUME   439620.833 3748678.755 168.21
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   LOCATION L0000291     VOLUME   439595.067 3748678.304 170.18
   LOCATION L0000292     VOLUME   439586.478 3748678.154 170.95
   LOCATION L0000293     VOLUME   439577.890 3748678.003 171.71
   LOCATION L0000294     VOLUME   439569.301 3748677.853 172.48
   LOCATION L0000295     VOLUME   439560.712 3748677.702 172.60
   LOCATION L0000296     VOLUME   439552.123 3748677.552 172.73
   LOCATION L0000297     VOLUME   439543.535 3748677.402 172.85
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   LOCATION L0000300     VOLUME   439517.769 3748676.951 172.95
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   LOCATION L0000303     VOLUME   439504.110 3748688.711 171.60
   LOCATION L0000304     VOLUME   439504.186 3748697.301 170.74
   LOCATION L0000305     VOLUME   439504.263 3748705.890 169.88
   LOCATION L0000306     VOLUME   439504.340 3748714.480 169.03
   LOCATION L0000307     VOLUME   439503.637 3748722.949 168.16
   LOCATION L0000308     VOLUME   439500.977 3748731.117 167.25
   LOCATION L0000309     VOLUME   439497.991 3748739.144 166.35
   LOCATION L0000310     VOLUME   439493.853 3748746.672 165.46
   LOCATION L0000311     VOLUME   439489.716 3748754.199 164.57
   LOCATION L0000312     VOLUME   439485.578 3748761.727 163.71
   LOCATION L0000313     VOLUME   439481.440 3748769.255 162.82
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   LOCATION L0000315     VOLUME   439473.165 3748784.310 161.02
   LOCATION L0000316     VOLUME   439469.027 3748791.838 160.54
** End of LINE VOLUME Source ID = B3ON
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B4ON
** DESCRSRC Bldg 4 Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
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** 439504.787, 3748677.494, 174.11, 3.49, 4.00
** 439504.787, 3748716.701, 168.41, 3.49, 4.00
** 439498.514, 3748735.912, 167.80, 3.49, 4.00
** 439466.364, 3748797.075, 160.93, 3.49, 4.00
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   LOCATION L0000318     VOLUME   439655.294 3748600.588 178.29
   LOCATION L0000319     VOLUME   439655.002 3748609.173 177.51
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   LOCATION L0000322     VOLUME   439654.125 3748634.928 175.58
   LOCATION L0000323     VOLUME   439653.833 3748643.513 174.07
   LOCATION L0000324     VOLUME   439653.541 3748652.098 172.38
   LOCATION L0000325     VOLUME   439653.249 3748660.683 170.70
   LOCATION L0000326     VOLUME   439652.956 3748669.268 169.33
   LOCATION L0000327     VOLUME   439652.664 3748677.853 168.58
   LOCATION L0000328     VOLUME   439646.001 3748679.741 168.17
   LOCATION L0000329     VOLUME   439637.413 3748679.605 167.86
   LOCATION L0000330     VOLUME   439628.824 3748679.468 167.60
   LOCATION L0000331     VOLUME   439620.235 3748679.331 168.22
   LOCATION L0000332     VOLUME   439611.646 3748679.195 168.84
   LOCATION L0000333     VOLUME   439603.057 3748679.058 169.47
   LOCATION L0000334     VOLUME   439594.468 3748678.921 170.17
   LOCATION L0000335     VOLUME   439585.879 3748678.784 170.93
   LOCATION L0000336     VOLUME   439577.290 3748678.648 171.68
   LOCATION L0000337     VOLUME   439568.701 3748678.511 172.40
   LOCATION L0000338     VOLUME   439560.112 3748678.374 172.53
   LOCATION L0000339     VOLUME   439551.523 3748678.238 172.66
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   LOCATION L0000341     VOLUME   439534.346 3748677.964 172.85
   LOCATION L0000342     VOLUME   439525.757 3748677.828 172.86
   LOCATION L0000343     VOLUME   439517.168 3748677.691 172.87
   LOCATION L0000344     VOLUME   439508.579 3748677.554 172.86
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   LOCATION L0000352     VOLUME   439495.949 3748740.790 166.12
   LOCATION L0000353     VOLUME   439491.953 3748748.394 165.22
   LOCATION L0000354     VOLUME   439487.956 3748755.997 164.33
   LOCATION L0000355     VOLUME   439483.959 3748763.601 163.47
   LOCATION L0000356     VOLUME   439479.963 3748771.204 162.55
   LOCATION L0000357     VOLUME   439475.966 3748778.808 161.68
   LOCATION L0000358     VOLUME   439471.969 3748786.412 160.75
   LOCATION L0000359     VOLUME   439467.972 3748794.015 160.46
** End of LINE VOLUME Source ID = B4ON
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = B5ON
** DESCRSRC Bldg 5 Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
```

```
** SZINIT = 3.25
** Nodes = 7
** 439678.081, 3748589.671, 185.68, 3.49, 4.00
** 439678.473, 3748664.164, 168.36, 3.49, 4.00
** 439682.393, 3748680.238, 166.78, 3.49, 4.00
** 439504.787, 3748677.102, 174.11, 3.49, 4.00
** 439504.003, 3748721.013, 168.14, 3.49, 4.00
** 439499.690, 3748735.128, 167.84, 3.49, 4.00
** 439466.756, 3748796.682, 160.93, 3.49, 4.00
** ----------------------------------------------------------------
   LOCATION L0000360     VOLUME   439678.103 3748593.966 181.94
   LOCATION L0000361     VOLUME   439678.149 3748602.556 179.66
   LOCATION L0000362     VOLUME   439678.194 3748611.145 177.62
   LOCATION L0000363     VOLUME   439678.239 3748619.735 175.78
   LOCATION L0000364     VOLUME   439678.284 3748628.325 173.94
   LOCATION L0000365     VOLUME   439678.329 3748636.915 172.14
   LOCATION L0000366     VOLUME   439678.375 3748645.505 170.95
   LOCATION L0000367     VOLUME   439678.420 3748654.095 169.77
   LOCATION L0000368     VOLUME   439678.465 3748662.685 168.60
   LOCATION L0000369     VOLUME   439680.158 3748671.072 167.67
   LOCATION L0000370     VOLUME   439682.193 3748679.417 167.08
   LOCATION L0000371     VOLUME   439674.650 3748680.102 167.57
   LOCATION L0000372     VOLUME   439666.061 3748679.950 168.18
   LOCATION L0000373     VOLUME   439657.472 3748679.798 168.59
   LOCATION L0000374     VOLUME   439648.884 3748679.647 168.29
   LOCATION L0000375     VOLUME   439640.295 3748679.495 167.98
   LOCATION L0000376     VOLUME   439631.706 3748679.343 167.66
   LOCATION L0000377     VOLUME   439623.118 3748679.192 168.02
   LOCATION L0000378     VOLUME   439614.529 3748679.040 168.65
   LOCATION L0000379     VOLUME   439605.940 3748678.888 169.28
   LOCATION L0000380     VOLUME   439597.352 3748678.736 169.94
   LOCATION L0000381     VOLUME   439588.763 3748678.585 170.70
   LOCATION L0000382     VOLUME   439580.174 3748678.433 171.46
   LOCATION L0000383     VOLUME   439571.586 3748678.281 172.22
   LOCATION L0000384     VOLUME   439562.997 3748678.130 172.52
   LOCATION L0000385     VOLUME   439554.408 3748677.978 172.65
   LOCATION L0000386     VOLUME   439545.820 3748677.826 172.78
   LOCATION L0000387     VOLUME   439537.231 3748677.675 172.87
   LOCATION L0000388     VOLUME   439528.642 3748677.523 172.89
   LOCATION L0000389     VOLUME   439520.054 3748677.371 172.90
   LOCATION L0000390     VOLUME   439511.465 3748677.220 172.92
   LOCATION L0000391     VOLUME   439504.753 3748679.012 172.59
   LOCATION L0000392     VOLUME   439504.599 3748687.601 171.72
   LOCATION L0000393     VOLUME   439504.446 3748696.189 170.86
   LOCATION L0000394     VOLUME   439504.293 3748704.778 169.99
   LOCATION L0000395     VOLUME   439504.139 3748713.367 169.13
   LOCATION L0000396     VOLUME   439503.727 3748721.914 168.26
   LOCATION L0000397     VOLUME   439501.217 3748730.129 167.36
   LOCATION L0000398     VOLUME   439498.103 3748738.094 166.46
   LOCATION L0000399     VOLUME   439494.051 3748745.668 165.56
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   LOCATION L0000400     VOLUME   439489.998 3748753.242 164.67
   LOCATION L0000401     VOLUME   439485.946 3748760.816 163.81
   LOCATION L0000402     VOLUME   439481.894 3748768.390 162.92
   LOCATION L0000403     VOLUME   439477.841 3748775.964 162.01
   LOCATION L0000404     VOLUME   439473.789 3748783.538 161.12
   LOCATION L0000405     VOLUME   439469.737 3748791.112 160.57
** End of LINE VOLUME Source ID = B5ON
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = OFFSITE
** DESCRSRC Offsite 100%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 7
** 439458.404, 3748815.465, 160.08, 3.49, 6.51
** 439420.735, 3748795.673, 162.07, 3.49, 6.51
** 439394.559, 3748792.481, 163.91, 3.49, 6.51
** 439354.337, 3748791.204, 164.14, 3.49, 6.51
** 439330.076, 3748796.950, 164.96, 3.49, 6.51
** 439115.558, 3748915.063, 159.14, 3.49, 6.51
** 439082.359, 3748931.024, 157.18, 3.49, 6.51
** ----------------------------------------------------------------
   LOCATION L0000406     VOLUME   439452.207 3748812.209 160.01
   LOCATION L0000407     VOLUME   439439.814 3748805.697 160.64
   LOCATION L0000408     VOLUME   439427.420 3748799.185 161.46
   LOCATION L0000409     VOLUME   439414.334 3748794.892 162.24
   LOCATION L0000410     VOLUME   439400.437 3748793.198 162.98
   LOCATION L0000411     VOLUME   439386.485 3748792.225 163.63
   LOCATION L0000412     VOLUME   439372.492 3748791.780 163.74
   LOCATION L0000413     VOLUME   439358.499 3748791.336 163.86
   LOCATION L0000414     VOLUME   439344.766 3748793.471 164.14
   LOCATION L0000415     VOLUME   439331.143 3748796.697 164.28
   LOCATION L0000416     VOLUME   439318.772 3748803.174 164.08
   LOCATION L0000417     VOLUME   439306.508 3748809.926 164.03
   LOCATION L0000418     VOLUME   439294.244 3748816.679 164.15
   LOCATION L0000419     VOLUME   439281.980 3748823.431 164.11
   LOCATION L0000420     VOLUME   439269.716 3748830.184 164.07
   LOCATION L0000421     VOLUME   439257.453 3748836.936 163.90
   LOCATION L0000422     VOLUME   439245.189 3748843.689 163.91
   LOCATION L0000423     VOLUME   439232.925 3748850.441 163.92
   LOCATION L0000424     VOLUME   439220.661 3748857.194 163.68
   LOCATION L0000425     VOLUME   439208.397 3748863.946 163.25
   LOCATION L0000426     VOLUME   439196.133 3748870.699 162.57
   LOCATION L0000427     VOLUME   439183.869 3748877.451 161.90
   LOCATION L0000428     VOLUME   439171.605 3748884.203 161.22
   LOCATION L0000429     VOLUME   439159.341 3748890.956 160.55
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   LOCATION L0000430     VOLUME   439147.077 3748897.708 159.87
   LOCATION L0000431     VOLUME   439134.813 3748904.461 159.20
   LOCATION L0000432     VOLUME   439122.549 3748911.213 158.68
   LOCATION L0000433     VOLUME   439110.133 3748917.671 158.25
   LOCATION L0000434     VOLUME   439097.516 3748923.737 157.85
   LOCATION L0000435     VOLUME   439084.898 3748929.803 157.44
** End of LINE VOLUME Source ID = OFFSITE
   LOCATION REF          VOLUME     439356.605  3748891.107      159.090
** DESCRSRC Refuel
   LOCATION SPILL        VOLUME     439356.605  3748891.107      159.090
** DESCRSRC Spill
   LOCATION LOAD         POINT      439365.700  3748905.000      158.600
** DESCRSRC Loading
   LOCATION BREATHE      POINT      439365.700  3748905.000      158.600
** DESCRSRC Breathing
   LOCATION STCK1        POINT      439438.240  3748604.220      178.510
   LOCATION STCK2        POINT      439545.760  3748572.284      189.530
   LOCATION STCK3        POINT      439777.569  3748574.586      175.140
   LOCATION STCK4        POINT      439785.238  3748832.848      158.900
   LOCATION STCK5        POINT      439549.230  3748788.343      162.870
** Source Parameters **
** LINE VOLUME Source ID = B1IDLE
   SRCPARAM L0000001     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000002     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000003     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000004     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000005     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000006     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000007     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000008     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000009     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000010     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000011     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000012     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000013     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000014     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000015     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000016     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000017     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000018     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000019     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000020     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000021     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000022     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000023     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000024     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000025     0.0384615385      3.49      4.00      3.25
   SRCPARAM L0000026     0.0384615385      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = B2IDLE
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   SRCPARAM L0000027     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000028     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000029     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000030     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000031     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000032     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000033     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000034     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000035     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000036     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000037     0.0909090909      3.49      4.00      3.25
** --------------------------------------------------------------------
** LINE VOLUME Source ID = B3IDLE
   SRCPARAM L0000038     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000039     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000040     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000041     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000042     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000043     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000044     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000045     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000046     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000047     0.0909090909      3.49      4.00      3.25
   SRCPARAM L0000048     0.0909090909      3.49      4.00      3.25
** --------------------------------------------------------------------
** LINE VOLUME Source ID = B4IDLE
   SRCPARAM L0000056     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000057     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000058     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000059     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000060     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000061     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000062     0.1428571429      3.49      4.00      3.25
** --------------------------------------------------------------------
** LINE VOLUME Source ID = B5IDLE
   SRCPARAM L0000063     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000064     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000065     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000066     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000067     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000068     0.1428571429      3.49      4.00      3.25
   SRCPARAM L0000069     0.1428571429      3.49      4.00      3.25
** --------------------------------------------------------------------
** LINE VOLUME Source ID = B1ON
   SRCPARAM L0000070     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000071     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000072     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000073     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000074     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000075     0.0166666667      3.49      4.00      3.25
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SRCPARAM L0000076     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000077     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000078     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000079     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000080     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000081     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000082     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000083     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000084     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000085     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000086     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000087     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000088     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000089     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000090     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000091     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000092     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000093     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000094     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000095     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000096     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000097     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000098     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000099     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000100     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000101     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000102     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000103     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000104     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000105     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000106     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000107     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000108     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000109     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000110     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000111     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000112     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000113     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000114     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000115     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000116     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000117     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000118     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000119     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000120     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000121     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000122     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000123     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000124     0.0166666667      3.49      4.00      3.25
SRCPARAM L0000125     0.0166666667      3.49      4.00      3.25
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   SRCPARAM L0000126     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000127     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000128     0.0166666667      3.49      4.00      3.25
   SRCPARAM L0000129     0.0166666667      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = B2ON
   SRCPARAM L0000220     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000221     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000222     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000223     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000224     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000225     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000226     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000227     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000228     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000229     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000230     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000231     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000232     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000233     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000234     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000235     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000236     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000237     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000238     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000239     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000240     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000241     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000242     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000243     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000244     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000245     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000246     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000247     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000248     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000249     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000250     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000251     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000252     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000253     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000254     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000255     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000256     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000257     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000258     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000259     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000260     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000261     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000262     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000263     0.0212765957      3.49      4.00      3.25
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   SRCPARAM L0000264     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000265     0.0212765957      3.49      4.00      3.25
   SRCPARAM L0000266     0.0212765957      3.49      4.00      3.25
** ----------------------------------------------------------------
** LINE VOLUME Source ID = B3ON
   SRCPARAM L0000267          0.02      3.49      4.00      3.25
   SRCPARAM L0000268          0.02      3.49      4.00      3.25
   SRCPARAM L0000269          0.02      3.49      4.00      3.25
   SRCPARAM L0000270          0.02      3.49      4.00      3.25
   SRCPARAM L0000271          0.02      3.49      4.00      3.25
   SRCPARAM L0000272          0.02      3.49      4.00      3.25
   SRCPARAM L0000273          0.02      3.49      4.00      3.25
   SRCPARAM L0000274          0.02      3.49      4.00      3.25
   SRCPARAM L0000275          0.02      3.49      4.00      3.25
   SRCPARAM L0000276          0.02      3.49      4.00      3.25
   SRCPARAM L0000277          0.02      3.49      4.00      3.25
   SRCPARAM L0000278          0.02      3.49      4.00      3.25
   SRCPARAM L0000279          0.02      3.49      4.00      3.25
   SRCPARAM L0000280          0.02      3.49      4.00      3.25
   SRCPARAM L0000281          0.02      3.49      4.00      3.25
   SRCPARAM L0000282          0.02      3.49      4.00      3.25
   SRCPARAM L0000283          0.02      3.49      4.00      3.25
   SRCPARAM L0000284          0.02      3.49      4.00      3.25
   SRCPARAM L0000285          0.02      3.49      4.00      3.25
   SRCPARAM L0000286          0.02      3.49      4.00      3.25
   SRCPARAM L0000287          0.02      3.49      4.00      3.25
   SRCPARAM L0000288          0.02      3.49      4.00      3.25
   SRCPARAM L0000289          0.02      3.49      4.00      3.25
   SRCPARAM L0000290          0.02      3.49      4.00      3.25
   SRCPARAM L0000291          0.02      3.49      4.00      3.25
   SRCPARAM L0000292          0.02      3.49      4.00      3.25
   SRCPARAM L0000293          0.02      3.49      4.00      3.25
   SRCPARAM L0000294          0.02      3.49      4.00      3.25
   SRCPARAM L0000295          0.02      3.49      4.00      3.25
   SRCPARAM L0000296          0.02      3.49      4.00      3.25
   SRCPARAM L0000297          0.02      3.49      4.00      3.25
   SRCPARAM L0000298          0.02      3.49      4.00      3.25
   SRCPARAM L0000299          0.02      3.49      4.00      3.25
   SRCPARAM L0000300          0.02      3.49      4.00      3.25
   SRCPARAM L0000301          0.02      3.49      4.00      3.25
   SRCPARAM L0000302          0.02      3.49      4.00      3.25
   SRCPARAM L0000303          0.02      3.49      4.00      3.25
   SRCPARAM L0000304          0.02      3.49      4.00      3.25
   SRCPARAM L0000305          0.02      3.49      4.00      3.25
   SRCPARAM L0000306          0.02      3.49      4.00      3.25
   SRCPARAM L0000307          0.02      3.49      4.00      3.25
   SRCPARAM L0000308          0.02      3.49      4.00      3.25
   SRCPARAM L0000309          0.02      3.49      4.00      3.25
   SRCPARAM L0000310          0.02      3.49      4.00      3.25
   SRCPARAM L0000311          0.02      3.49      4.00      3.25
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   SRCPARAM L0000312          0.02      3.49      4.00      3.25
   SRCPARAM L0000313          0.02      3.49      4.00      3.25
   SRCPARAM L0000314          0.02      3.49      4.00      3.25
   SRCPARAM L0000315          0.02      3.49      4.00      3.25
   SRCPARAM L0000316          0.02      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = B4ON
   SRCPARAM L0000317     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000318     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000319     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000320     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000321     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000322     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000323     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000324     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000325     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000326     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000327     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000328     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000329     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000330     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000331     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000332     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000333     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000334     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000335     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000336     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000337     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000338     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000339     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000340     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000341     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000342     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000343     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000344     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000345     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000346     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000347     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000348     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000349     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000350     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000351     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000352     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000353     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000354     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000355     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000356     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000357     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000358     0.023255814      3.49      4.00      3.25
   SRCPARAM L0000359     0.023255814      3.49      4.00      3.25
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** ----------------------------------------------------------------------
** LINE VOLUME Source ID = B5ON
   SRCPARAM L0000360     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000361     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000362     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000363     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000364     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000365     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000366     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000367     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000368     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000369     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000370     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000371     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000372     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000373     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000374     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000375     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000376     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000377     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000378     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000379     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000380     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000381     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000382     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000383     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000384     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000385     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000386     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000387     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000388     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000389     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000390     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000391     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000392     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000393     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000394     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000395     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000396     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000397     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000398     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000399     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000400     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000401     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000402     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000403     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000404     0.0217391304      3.49      4.00      3.25
   SRCPARAM L0000405     0.0217391304      3.49      4.00      3.25
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = OFFSITE
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   SRCPARAM L0000406     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000407     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000408     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000409     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000410     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000411     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000412     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000413     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000414     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000415     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000416     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000417     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000418     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000419     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000420     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000421     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000422     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000423     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000424     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000425     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000426     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000427     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000428     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000429     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000430     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000431     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000432     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000433     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000434     0.0333333333      3.49      6.51      3.25
   SRCPARAM L0000435     0.0333333333      3.49      6.51      3.25
** ------------------------------------------------------------------
   SRCPARAM REF                1.0     1.000     3.953     2.330
   SRCPARAM SPILL              1.0     0.000     3.953     2.330
   SRCPARAM LOAD               1.0     3.660   291.480     0.001     0.051
   SRCPARAM BREATHE            1.0     3.660   288.710         0     0.051
   SRCPARAM STCK1       0.0045625001     3.550   728.550     54.78      0.13
   SRCPARAM STCK2       0.0045625001     3.550   728.550     54.78      0.13
   SRCPARAM STCK3       0.0045625001     3.550   728.550     54.78      0.13
   SRCPARAM STCK4       0.0045625001     3.550   728.550     54.78      0.13
   SRCPARAM STCK5       0.0045625001     3.550   728.550     54.78      0.13

** Building Downwash **
   BUILDHGT LOAD             0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT LOAD             0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT LOAD             0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT LOAD             0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT LOAD             0.00     0.00     0.00     0.00     0.00     0.00
   BUILDHGT LOAD             0.00     0.00     0.00     0.00     0.00     0.00

   BUILDHGT BREATHE          0.00     0.00     0.00     0.00     0.00     0.00
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BUILDHGT BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDWID LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID BREATHE	0.00	0.00	0.00	0.00	0.00	0.00

BUILDWID BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDWID STCK1	288.88	288.26	280.26	263.75	239.23	207.44
BUILDWID STCK1	169.34	126.82	121.20	162.29	199.09	229.84
BUILDWID STCK1	253.60	269.66	280.55	284.11	279.03	283.29
BUILDWID STCK1	288.88	288.26	280.26	263.75	239.23	207.44
BUILDWID STCK1	169.34	126.82	121.20	162.29	199.09	229.84
BUILDWID STCK1	253.60	269.66	280.55	284.11	279.03	283.29
BUILDWID STCK2	110.68	123.24	132.05	136.85	137.49	133.96
BUILDWID STCK2	126.35	115.06	103.03	116.79	127.61	134.55
BUILDWID STCK2	137.40	136.08	130.62	121.20	108.14	96.29
BUILDWID STCK2	110.68	123.24	132.05	136.85	137.49	133.96
BUILDWID STCK2	126.35	115.06	103.03	116.79	127.61	134.55
BUILDWID STCK2	137.40	136.08	130.62	121.20	108.14	96.29
BUILDWID STCK3	101.61	113.65	122.30	127.24	128.32	125.49
BUILDWID STCK3	118.86	108.61	98.75	110.18	119.95	126.08
BUILDWID STCK3	128.38	126.77	121.32	112.18	99.63	88.79
BUILDWID STCK3	101.61	113.65	122.30	127.24	128.32	125.49
BUILDWID STCK3	118.86	108.61	98.75	110.18	119.95	126.08
BUILDWID STCK3	128.38	126.77	121.32	112.18	99.63	88.79
BUILDWID STCK4	115.30	134.47	149.56	160.11	165.79	166.43
BUILDWID STCK4	162.01	152.68	142.22	153.48	162.21	166.02
BUILDWID STCK4	164.78	158.53	147.47	131.93	112.57	95.38
BUILDWID STCK4	115.30	134.47	149.56	160.11	165.79	166.43
BUILDWID STCK4	162.01	152.68	142.22	153.48	162.21	166.02
BUILDWID STCK4	164.78	158.53	147.47	131.93	112.57	95.38
BUILDWID STCK5	113.12	130.23	143.38	152.18	156.35	158.76
BUILDWID STCK5	159.01	154.43	145.70	157.30	166.10	169.85
BUILDWID STCK5	168.44	161.92	150.47	134.45	114.35	96.72
BUILDWID STCK5	113.12	130.23	143.38	152.18	156.35	158.76
BUILDWID STCK5	159.01	154.43	145.70	157.30	166.10	169.85
BUILDWID STCK5	168.44	161.92	150.47	134.45	114.35	96.72
BUILDLEN LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN LOAD	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN BREATHE	0.00	0.00	0.00	0.00	0.00	0.00

BUILDLEN	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
BUILDLEN	STCK1	162.29	199.09	229.84	253.60	269.66	280.55
BUILDLEN	STCK1	284.11	279.03	283.29	288.88	288.26	280.26
BUILDLEN	STCK1	263.75	239.23	207.44	169.34	126.82	121.20
BUILDLEN	STCK1	162.29	199.09	229.84	253.60	269.66	280.55
BUILDLEN	STCK1	284.11	279.03	283.29	288.88	288.26	280.26
BUILDLEN	STCK1	263.75	239.23	207.44	169.34	126.82	121.20
BUILDLEN	STCK2	116.79	127.61	134.55	137.40	136.08	130.62
BUILDLEN	STCK2	121.20	108.14	96.29	110.68	123.24	132.05
BUILDLEN	STCK2	136.85	137.49	133.96	126.35	115.06	103.03
BUILDLEN	STCK2	116.79	127.61	134.55	137.40	136.08	130.62
BUILDLEN	STCK2	121.20	108.14	96.29	110.68	123.24	132.05
BUILDLEN	STCK2	136.85	137.49	133.96	126.35	115.06	103.03
BUILDLEN	STCK3	110.18	119.95	126.08	128.38	126.77	121.32
BUILDLEN	STCK3	112.18	99.63	88.79	101.61	113.65	122.30
BUILDLEN	STCK3	127.24	128.32	125.49	118.86	108.61	98.75
BUILDLEN	STCK3	110.18	119.95	126.08	128.38	126.77	121.32
BUILDLEN	STCK3	112.18	99.63	88.79	101.61	113.65	122.30
BUILDLEN	STCK3	127.24	128.32	125.49	118.86	108.61	98.75
BUILDLEN	STCK4	153.48	162.21	166.02	164.78	158.53	147.47
BUILDLEN	STCK4	131.93	112.57	95.38	115.30	134.47	149.56
BUILDLEN	STCK4	160.11	165.79	166.43	162.01	152.68	142.22
BUILDLEN	STCK4	153.48	162.21	166.02	164.78	158.53	147.47
BUILDLEN	STCK4	131.93	112.57	95.38	115.30	134.47	149.56
BUILDLEN	STCK4	160.11	165.79	166.43	162.01	152.68	142.22
BUILDLEN	STCK5	157.30	166.10	169.85	168.44	161.92	150.47
BUILDLEN	STCK5	134.45	114.35	96.72	113.12	130.23	143.38
BUILDLEN	STCK5	152.18	156.35	158.76	159.01	154.43	145.70
BUILDLEN	STCK5	157.30	166.10	169.85	168.44	161.92	150.47
BUILDLEN	STCK5	134.45	114.35	96.72	113.12	130.23	143.38
BUILDLEN	STCK5	152.18	156.35	158.76	159.01	154.43	145.70
XBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00

XBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
XBADJ	STCK1	-50.66	-92.40	-131.33	-166.27	-196.16	-220.08
XBADJ	STCK1	-237.33	-247.36	-257.93	-264.91	-266.39	-261.18
XBADJ	STCK1	-248.03	-227.34	-199.75	-166.08	-128.09	-113.82
XBADJ	STCK1	-111.63	-106.69	-98.51	-87.34	-73.51	-60.47
XBADJ	STCK1	-46.78	-31.68	-25.36	-23.97	-21.86	-19.08
XBADJ	STCK1	-15.72	-11.89	-7.69	-3.26	1.27	-7.38
XBADJ	STCK2	-4.14	-3.61	-2.97	-2.24	-1.45	-0.61
XBADJ	STCK2	0.25	1.06	-1.14	-16.11	-32.12	-47.15
XBADJ	STCK2	-60.75	-72.50	-82.05	-89.11	-93.61	-97.88
XBADJ	STCK2	-112.65	-124.00	-131.58	-135.16	-134.63	-130.02
XBADJ	STCK2	-121.45	-109.19	-95.15	-94.57	-91.12	-84.90
XBADJ	STCK2	-76.10	-64.99	-51.91	-37.24	-21.45	-5.15
XBADJ	STCK3	-21.80	-36.23	-49.56	-61.39	-71.35	-79.14
XBADJ	STCK3	-84.53	-87.35	-88.89	-103.34	-114.64	-122.47
XBADJ	STCK3	-126.57	-126.82	-123.23	-115.89	-105.02	-92.05
XBADJ	STCK3	-88.38	-83.72	-76.52	-66.99	-55.42	-42.17
XBADJ	STCK3	-27.64	-12.27	0.10	1.73	1.00	0.16
XBADJ	STCK3	-0.68	-1.49	-2.27	-2.97	-3.59	-6.70
XBADJ	STCK4	-153.22	-162.20	-166.25	-165.26	-159.24	-148.38
XBADJ	STCK4	-133.02	-113.61	-92.13	-91.00	-87.11	-80.57
XBADJ	STCK4	-71.58	-60.42	-47.42	-32.99	-17.54	-2.64
XBADJ	STCK4	-0.26	-0.01	0.24	0.48	0.71	0.91
XBADJ	STCK4	1.09	1.04	-3.25	-24.29	-47.36	-68.99
XBADJ	STCK4	-88.52	-105.36	-119.00	-129.03	-135.13	-139.58
XBADJ	STCK5	-96.42	-91.34	-83.50	-73.11	-60.50	-46.06
XBADJ	STCK5	-30.21	-13.45	-0.43	-0.83	-5.36	-9.72
XBADJ	STCK5	-13.79	-17.44	-23.55	-31.60	-38.70	-45.16
XBADJ	STCK5	-60.88	-74.75	-86.35	-95.33	-101.41	-104.41
XBADJ	STCK5	-104.24	-100.90	-96.29	-112.29	-124.87	-133.66
XBADJ	STCK5	-138.39	-138.91	-135.22	-127.41	-115.73	-100.54
YBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	LOAD	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00
YBADJ	BREATHE	0.00	0.00	0.00	0.00	0.00	0.00

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   YBADJ    BREATHE          0.00     0.00     0.00     0.00     0.00     0.00

   YBADJ    STCK1          120.47   122.27   121.05   116.15   107.73    96.03
   YBADJ    STCK1           81.41    64.68    53.22    30.49     7.15   -16.41
   YBADJ    STCK1          -39.46   -61.32   -79.81   -95.27  -107.84  -116.29
   YBADJ    STCK1         -120.47  -122.27  -121.05  -116.15  -107.73   -96.03
   YBADJ    STCK1          -81.41   -64.68   -53.22   -30.49    -7.15    16.41
   YBADJ    STCK1           39.46    61.32    79.81    95.27   107.84   116.29

   YBADJ    STCK2          -39.23   -29.50   -18.88    -7.68     3.75    15.07
   YBADJ    STCK2           25.93    36.08    46.37    54.26    60.19    64.30
   YBADJ    STCK2           66.46    66.59    64.71    60.85    55.13    47.00
   YBADJ    STCK2           39.23    29.50    18.88     7.68    -3.75   -15.07
   YBADJ    STCK2          -25.93   -36.08   -46.37   -54.26   -60.19   -64.30
   YBADJ    STCK2          -66.46   -66.59   -64.70   -60.85   -55.13   -47.00

   YBADJ    STCK3           52.53    57.82    61.31    62.95    62.67    60.48
   YBADJ    STCK3           56.46    50.72    42.67    33.29    23.75    13.48
   YBADJ    STCK3            2.80    -7.96   -18.48   -28.44   -37.54   -44.50
   YBADJ    STCK3          -52.53   -57.82   -61.31   -62.95   -62.67   -60.48
   YBADJ    STCK3          -56.46   -50.72   -42.67   -33.29   -23.75   -13.48
   YBADJ    STCK3           -2.80     7.96    18.48    28.44    37.54    44.50

   YBADJ    STCK4           33.35    19.87     5.79    -8.47   -22.47   -35.79
   YBADJ    STCK4          -48.02   -58.79   -68.47   -76.48   -81.09   -83.25
   YBADJ    STCK4          -82.87   -79.97   -74.65   -67.05   -57.32   -44.44
   YBADJ    STCK4          -33.35   -19.87    -5.79     8.47    22.47    35.79
   YBADJ    STCK4           48.02    58.79    68.47    76.48    81.09    83.25
   YBADJ    STCK4           82.87    79.97    74.65    67.05    57.32    44.44

   YBADJ    STCK5          -55.73   -59.76   -61.97   -62.30   -60.74   -55.83
   YBADJ    STCK5          -47.90   -38.52   -27.69   -17.77    -8.29     1.43
   YBADJ    STCK5           11.11    20.45    29.18    37.01    43.72    47.93
   YBADJ    STCK5           55.73    59.76    61.97    62.30    60.74    55.83
   YBADJ    STCK5           47.90    38.52    27.69    17.77     8.29    -1.43
   YBADJ    STCK5          -11.11   -20.45   -29.18   -37.01   -43.72   -47.93

   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 1.0 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
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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
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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 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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SRCGROUP B1IDLE   L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
SRCGROUP B1IDLE   L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
SRCGROUP B1IDLE   L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
SRCGROUP B1IDLE   L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
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SRCGROUP B1IDLE   L0000025 L0000026
SRCGROUP B1ON     L0000070 L0000071 L0000072 L0000073 L0000074 L0000075
SRCGROUP B1ON     L0000076 L0000077 L0000078 L0000079 L0000080 L0000081
SRCGROUP B1ON     L0000082 L0000083 L0000084 L0000085 L0000086 L0000087
SRCGROUP B1ON     L0000088 L0000089 L0000090 L0000091 L0000092 L0000093
SRCGROUP B1ON     L0000094 L0000095 L0000096 L0000097 L0000098 L0000099
SRCGROUP B1ON     L0000100 L0000101 L0000102 L0000103 L0000104 L0000105
SRCGROUP B1ON     L0000106 L0000107 L0000108 L0000109 L0000110 L0000111
SRCGROUP B1ON     L0000112 L0000113 L0000114 L0000115 L0000116 L0000117
SRCGROUP B1ON     L0000118 L0000119 L0000120 L0000121 L0000122 L0000123
SRCGROUP B1ON     L0000124 L0000125 L0000126 L0000127 L0000128 L0000129
SRCGROUP B2IDLE   L0000027 L0000028 L0000029 L0000030 L0000031 L0000032
SRCGROUP B2IDLE   L0000033 L0000034 L0000035 L0000036 L0000037
SRCGROUP B2ON     L0000220 L0000221 L0000222 L0000223 L0000224 L0000225
SRCGROUP B2ON     L0000226 L0000227 L0000228 L0000229 L0000230 L0000231
SRCGROUP B2ON     L0000232 L0000233 L0000234 L0000235 L0000236 L0000237
SRCGROUP B2ON     L0000238 L0000239 L0000240 L0000241 L0000242 L0000243
SRCGROUP B2ON     L0000244 L0000245 L0000246 L0000247 L0000248 L0000249
SRCGROUP B2ON     L0000250 L0000251 L0000252 L0000253 L0000254 L0000255
SRCGROUP B2ON     L0000256 L0000257 L0000258 L0000259 L0000260 L0000261
SRCGROUP B2ON     L0000262 L0000263 L0000264 L0000265 L0000266
SRCGROUP B3IDLE   L0000038 L0000039 L0000040 L0000041 L0000042 L0000043
SRCGROUP B3IDLE   L0000044 L0000045 L0000046 L0000047 L0000048
SRCGROUP B3ON     L0000267 L0000268 L0000269 L0000270 L0000271 L0000272
SRCGROUP B3ON     L0000273 L0000274 L0000275 L0000276 L0000277 L0000278
SRCGROUP B3ON     L0000279 L0000280 L0000281 L0000282 L0000283 L0000284
SRCGROUP B3ON     L0000285 L0000286 L0000287 L0000288 L0000289 L0000290
SRCGROUP B3ON     L0000291 L0000292 L0000293 L0000294 L0000295 L0000296
SRCGROUP B3ON     L0000297 L0000298 L0000299 L0000300 L0000301 L0000302
SRCGROUP B3ON     L0000303 L0000304 L0000305 L0000306 L0000307 L0000308
SRCGROUP B3ON     L0000309 L0000310 L0000311 L0000312 L0000313 L0000314
SRCGROUP B3ON     L0000315 L0000316
SRCGROUP B4IDLE   L0000056 L0000057 L0000058 L0000059 L0000060 L0000061
SRCGROUP B4IDLE   L0000062
SRCGROUP B4ON     L0000317 L0000318 L0000319 L0000320 L0000321 L0000322
SRCGROUP B4ON     L0000323 L0000324 L0000325 L0000326 L0000327 L0000328
SRCGROUP B4ON     L0000329 L0000330 L0000331 L0000332 L0000333 L0000334
SRCGROUP B4ON     L0000335 L0000336 L0000337 L0000338 L0000339 L0000340
SRCGROUP B4ON     L0000341 L0000342 L0000343 L0000344 L0000345 L0000346
SRCGROUP B4ON     L0000347 L0000348 L0000349 L0000350 L0000351 L0000352
SRCGROUP B4ON     L0000353 L0000354 L0000355 L0000356 L0000357 L0000358
SRCGROUP B4ON     L0000359
SRCGROUP B5IDLE   L0000063 L0000064 L0000065 L0000066 L0000067 L0000068
SRCGROUP B5IDLE   L0000069
SRCGROUP B5ON     L0000360 L0000361 L0000362 L0000363 L0000364 L0000365
SRCGROUP B5ON     L0000366 L0000367 L0000368 L0000369 L0000370 L0000371
SRCGROUP B5ON     L0000372 L0000373 L0000374 L0000375 L0000376 L0000377
SRCGROUP B5ON     L0000378 L0000379 L0000380 L0000381 L0000382 L0000383
SRCGROUP B5ON     L0000384 L0000385 L0000386 L0000387 L0000388 L0000389
SRCGROUP B5ON     L0000390 L0000391 L0000392 L0000393 L0000394 L0000395
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   SRCGROUP B5ON     L0000396 L0000397 L0000398 L0000399 L0000400 L0000401
   SRCGROUP B5ON     L0000402 L0000403 L0000404 L0000405
   SRCGROUP BREATHE  BREATHE
   SRCGROUP LOAD     LOAD
   SRCGROUP OFFSITE  L0000406 L0000407 L0000408 L0000409 L0000410 L0000411
   SRCGROUP OFFSITE  L0000412 L0000413 L0000414 L0000415 L0000416 L0000417
   SRCGROUP OFFSITE  L0000418 L0000419 L0000420 L0000421 L0000422 L0000423
   SRCGROUP OFFSITE  L0000424 L0000425 L0000426 L0000427 L0000428 L0000429
   SRCGROUP OFFSITE  L0000430 L0000431 L0000432 L0000433 L0000434 L0000435
   SRCGROUP REF      REF
   SRCGROUP SPILL    SPILL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "12630 Ops.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KRAL_V9_ADJU\KRAL_v9.SFC
   PROFFILE KRAL_V9_ADJU\KRAL_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   PROFBASE 245.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   PLOTFILE 1 ALL 1ST "12630 Ops.AD\ALL_1H.PLT" 31
   PLOTFILE PERIOD ALL "12630 Ops.AD\ALL_PER.PLT" 32
   PLOTFILE PERIOD B1IDLE "12630 Ops.AD\B1IDLE_PER.PLT" 33
   PLOTFILE 1 B1IDLE 1ST "12630 Ops.AD\B1IDLE_1H.PLT" 34
   PLOTFILE 1 B1ON 1ST "12630 Ops.AD\B1ON_1H.PLT" 35
   PLOTFILE PERIOD B1ON "12630 Ops.AD\B1ON_PER.PLT" 36
```

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   PLOTFILE PERIOD B2IDLE "12630 Ops.AD\B2IDLE_PER.PLT" 37
   PLOTFILE 1 B2IDLE 1ST "12630 Ops.AD\B2IDLE_1H.PLT" 38
   PLOTFILE 1 B2ON 1ST "12630 Ops.AD\B2ON_1H.PLT" 39
   PLOTFILE PERIOD B2ON "12630 Ops.AD\B2ON_PER.PLT" 40
   PLOTFILE PERIOD B3IDLE "12630 Ops.AD\B3IDLE_PER.PLT" 41
   PLOTFILE 1 B3IDLE 1ST "12630 Ops.AD\B3IDLE_1H.PLT" 42
   PLOTFILE 1 B3ON 1ST "12630 Ops.AD\B3ON_1H.PLT" 43
   PLOTFILE PERIOD B3ON "12630 Ops.AD\B3ON_PER.PLT" 44
   PLOTFILE PERIOD B4IDLE "12630 Ops.AD\B4IDLE_PER.PLT" 45
   PLOTFILE 1 B4IDLE 1ST "12630 Ops.AD\B4IDLE_1H.PLT" 46
   PLOTFILE 1 B4ON 1ST "12630 Ops.AD\B4ON_1H.PLT" 47
   PLOTFILE PERIOD B4ON "12630 Ops.AD\B4ON_PER.PLT" 48
   PLOTFILE PERIOD B5IDLE "12630 Ops.AD\B5IDLE_PER.PLT" 49
   PLOTFILE 1 B5IDLE 1ST "12630 Ops.AD\B5IDLE_1H.PLT" 50
   PLOTFILE 1 B5ON 1ST "12630 Ops.AD\B5ON_1H.PLT" 51
   PLOTFILE PERIOD B5ON "12630 Ops.AD\B5ON_PER.PLT" 52
   PLOTFILE PERIOD BREATHE "12630 Ops.AD\BREATHE_PER.PLT" 53
   PLOTFILE 1 BREATHE 1ST "12630 Ops.AD\BREATHE_1H.PLT" 54
   PLOTFILE 1 LOAD 1ST "12630 Ops.AD\LOAD_1H.PLT" 55
   PLOTFILE PERIOD LOAD "12630 Ops.AD\LOAD_PER.PLT" 56
   PLOTFILE PERIOD OFFSITE "12630 Ops.AD\OFFSITE_PER.PLT" 57
   PLOTFILE 1 OFFSITE 1ST "12630 Ops.AD\OFFSITE_1H.PLT" 58
   PLOTFILE 1 REF 1ST "12630 Ops.AD\REF_1H.PLT" 59
   PLOTFILE PERIOD REF "12630 Ops.AD\REF_PER.PLT" 60
   PLOTFILE PERIOD SPILL "12630 Ops.AD\SPILL_PER.PLT" 61
   PLOTFILE 1 SPILL 1ST "12630 Ops.AD\SPILL_1H.PLT" 62
   SUMMFILE "12630 Ops.sum"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320     945        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320     946        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320     947        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
```

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 SO W320     948        PPARM: Input Parameter May Be Out-of-Range for Parameter
        VS
 SO W320     949        PPARM: Input Parameter May Be Out-of-Range for Parameter
        VS
 ME W186    1394       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    1394       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       13:16:38

                                   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   347 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  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: OTHER

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages
```

```
 **This Run Includes:    347 Source(s);      16 Source Group(s); and     121
Receptor(s)

                with:      7 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    340 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 Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          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) =   245.00 ;  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 =      4.7 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   12630 Ops.err

 **File for Summary of Results:   12630 Ops.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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
LOAD	0	0.10000E+01	439365.7	3748905.0	158.6	3.66	291.48	0.00	0.05	NO	YES	NO	
BREATHE	0	0.10000E+01	439365.7	3748905.0	158.6	3.66	288.71	0.00	0.05	NO	YES	NO	
STCK1	0	0.45625E-02	439438.2	3748604.2	178.5	3.55	728.55	54.78	0.13	YES	YES	NO	HRDOW7
STCK2	0	0.45625E-02	439545.8	3748572.3	189.5	3.55	728.55	54.78	0.13	YES	YES	NO	HRDOW7
STCK3	0	0.45625E-02	439777.6	3748574.6	175.1	3.55	728.55	54.78	0.13	YES	YES	NO	HRDOW7
STCK4	0	0.45625E-02	439785.2	3748832.8	158.9	3.55	728.55	54.78	0.13	YES	YES	NO	HRDOW7
STCK5	0	0.45625E-02	439549.2	3748788.3	162.9	3.55	728.55	54.78	0.13	YES	YES	NO	HRDOW7

↟ *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\12630 O *** 06/10/24
*** AERMET - VERSION 16216 *** *** 13:16:38

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000001	0	0.38462E-01	439210.5	3748588.8	203.3	3.49	4.00	3.25 YES NO
L0000002	0	0.38462E-01	439219.0	3748589.8	201.5	3.49	4.00	3.25 YES NO
L0000003	0	0.38462E-01	439227.5	3748590.8	199.7	3.49	4.00	3.25 YES NO
L0000004	0	0.38462E-01	439236.1	3748591.8	197.9	3.49	4.00	3.25 YES NO
L0000005	0	0.38462E-01	439244.6	3748592.7	196.3	3.49	4.00	3.25 YES NO
L0000006	0	0.38462E-01	439253.1	3748593.7	194.9	3.49	4.00	3.25 YES NO
L0000007	0	0.38462E-01	439261.7	3748594.7	193.4	3.49	4.00	3.25 YES NO
L0000008	0	0.38462E-01	439270.2	3748595.7	191.9	3.49	4.00	3.25 YES NO
L0000009	0	0.38462E-01	439278.7	3748596.7	190.0	3.49	4.00	3.25 YES NO
L0000010	0	0.38462E-01	439287.3	3748597.7	188.2	3.49	4.00	3.25 YES NO
L0000011	0	0.38462E-01	439295.8	3748598.6	186.4	3.49	4.00	3.25 YES NO
L0000012	0	0.38462E-01	439304.3	3748599.6	185.2	3.49	4.00	3.25 YES NO
L0000013	0	0.38462E-01	439312.9	3748600.6	184.4	3.49	4.00	3.25 YES NO
L0000014	0	0.38462E-01	439321.4	3748601.6	183.7	3.49	4.00	3.25 YES NO
L0000015	0	0.38462E-01	439329.9	3748602.6	183.0	3.49	4.00	3.25 YES NO
L0000016	0	0.38462E-01	439338.5	3748603.6	182.5	3.49	4.00	3.25 YES NO
L0000017	0	0.38462E-01	439347.0	3748604.5	182.0	3.49	4.00	3.25 YES NO
L0000018	0	0.38462E-01	439355.5	3748605.5	181.4	3.49	4.00	3.25 YES NO
L0000019	0	0.38462E-01	439364.1	3748606.5	180.8	3.49	4.00	3.25 YES NO
L0000020	0	0.38462E-01	439372.6	3748607.5	180.4	3.49	4.00	3.25 YES NO
L0000021	0	0.38462E-01	439381.1	3748608.5	180.0	3.49	4.00	3.25 YES NO
L0000022	0	0.38462E-01	439389.7	3748609.5	179.6	3.49	4.00	3.25 YES NO
L0000023	0	0.38462E-01	439398.2	3748610.4	178.1	3.49	4.00	

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3.25     YES                    NO
 L0000024         0   0.38462E-01  439406.7 3748611.4   176.7     3.49     4.00
3.25     YES                    NO
 L0000025         0   0.38462E-01  439415.3 3748612.4   175.4     3.49     4.00
3.25     YES                    NO
 L0000026         0   0.38462E-01  439423.8 3748613.4   175.4     3.49     4.00
3.25     YES                    NO
 L0000027         0   0.90909E-01  439635.4 3748798.7   161.0     3.49     4.00
3.25     YES                    NO
 L0000028         0   0.90909E-01  439635.5 3748790.1   161.6     3.49     4.00
3.25     YES                    NO
 L0000029         0   0.90909E-01  439635.6 3748781.5   162.0     3.49     4.00
3.25     YES                    NO
 L0000030         0   0.90909E-01  439635.7 3748772.9   162.2     3.49     4.00
3.25     YES                    NO
 L0000031         0   0.90909E-01  439635.8 3748764.3   162.5     3.49     4.00
3.25     YES                    NO
 L0000032         0   0.90909E-01  439635.9 3748755.7   162.8     3.49     4.00
3.25     YES                    NO
 L0000033         0   0.90909E-01  439636.0 3748747.1   163.4     3.49     4.00
3.25     YES                    NO
 L0000034         0   0.90909E-01  439636.2 3748738.5   164.0     3.49     4.00
3.25     YES                    NO
 L0000035         0   0.90909E-01  439636.3 3748729.9   164.5     3.49     4.00
3.25     YES                    NO
 L0000036         0   0.90909E-01  439636.4 3748721.4   165.1     3.49     4.00
3.25     YES                    NO
 L0000037         0   0.90909E-01  439636.5 3748712.8   165.8     3.49     4.00
3.25     YES                    NO
 L0000038         0   0.90909E-01  439701.7 3748798.7   159.8     3.49     4.00
3.25     YES                    NO
 L0000039         0   0.90909E-01  439701.8 3748790.1   160.2     3.49     4.00
3.25     YES                    NO
 L0000040         0   0.90909E-01  439701.9 3748781.5   160.6     3.49     4.00
3.25     YES                    NO
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000041	0	0.90909E-01	439702.0	3748772.9	160.8	3.49	4.00	3.25 YES NO
L0000042	0	0.90909E-01	439702.1	3748764.3	161.1	3.49	4.00	3.25 YES NO
L0000043	0	0.90909E-01	439702.2	3748755.7	161.4	3.49	4.00	3.25 YES NO
L0000044	0	0.90909E-01	439702.3	3748747.1	162.6	3.49	4.00	3.25 YES NO
L0000045	0	0.90909E-01	439702.4	3748738.5	163.8	3.49	4.00	3.25 YES NO
L0000046	0	0.90909E-01	439702.5	3748729.9	165.0	3.49	4.00	3.25 YES NO
L0000047	0	0.90909E-01	439702.6	3748721.4	165.8	3.49	4.00	3.25 YES NO
L0000048	0	0.90909E-01	439702.7	3748712.8	166.3	3.49	4.00	3.25 YES NO
L0000056	0	0.14286E+00	439631.5	3748645.0	171.8	3.49	4.00	3.25 YES NO
L0000057	0	0.14286E+00	439631.5	3748636.4	173.2	3.49	4.00	3.25 YES NO
L0000058	0	0.14286E+00	439631.6	3748627.8	174.1	3.49	4.00	3.25 YES NO
L0000059	0	0.14286E+00	439631.6	3748619.2	174.9	3.49	4.00	3.25 YES NO
L0000060	0	0.14286E+00	439631.7	3748610.6	175.8	3.49	4.00	3.25 YES NO
L0000061	0	0.14286E+00	439631.7	3748602.0	176.5	3.49	4.00	3.25 YES NO
L0000062	0	0.14286E+00	439631.8	3748593.4	177.1	3.49	4.00	3.25 YES NO
L0000063	0	0.14286E+00	439698.5	3748646.1	169.1	3.49	4.00	3.25 YES NO
L0000064	0	0.14286E+00	439698.6	3748637.6	169.6	3.49	4.00	3.25 YES NO
L0000065	0	0.14286E+00	439698.7	3748629.0	171.6	3.49	4.00	3.25 YES NO
L0000066	0	0.14286E+00	439698.8	3748620.4	173.8	3.49	4.00	3.25 YES NO
L0000067	0	0.14286E+00	439699.0	3748611.8	176.0	3.49	4.00	3.25 YES NO
L0000068	0	0.14286E+00	439699.1	3748603.2	178.4	3.49	4.00	3.25 YES NO
L0000069	0	0.14286E+00	439699.2	3748594.6	181.2	3.49	4.00	3.25 YES NO
L0000070	0	0.16667E-01	439212.3	3748573.3	207.7	3.49	4.00	

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3.25     YES                    NO
 L0000071         0   0.16667E-01  439220.8 3748574.2   206.7     3.49     4.00
3.25     YES                    NO
 L0000072         0   0.16667E-01  439229.3 3748575.1   205.6     3.49     4.00
3.25     YES                    NO
 L0000073         0   0.16667E-01  439237.9 3748576.0   204.3     3.49     4.00
3.25     YES                    NO
 L0000074         0   0.16667E-01  439246.4 3748576.9   203.1     3.49     4.00
3.25     YES                    NO
 L0000075         0   0.16667E-01  439255.0 3748577.7   201.8     3.49     4.00
3.25     YES                    NO
 L0000076         0   0.16667E-01  439263.5 3748578.6   200.6     3.49     4.00
3.25     YES                    NO
 L0000077         0   0.16667E-01  439272.1 3748579.5   198.9     3.49     4.00
3.25     YES                    NO
 L0000078         0   0.16667E-01  439280.6 3748580.4   196.7     3.49     4.00
3.25     YES                    NO
 L0000079         0   0.16667E-01  439289.1 3748581.3   194.4     3.49     4.00
3.25     YES                    NO
 L0000080         0   0.16667E-01  439297.7 3748582.2   192.2     3.49     4.00
3.25     YES                    NO
 L0000081         0   0.16667E-01  439306.2 3748583.1   190.8     3.49     4.00
3.25     YES                    NO
 L0000082         0   0.16667E-01  439314.8 3748584.0   189.5     3.49     4.00
3.25     YES                    NO
 L0000083         0   0.16667E-01  439323.3 3748584.9   188.4     3.49     4.00
3.25     YES                    NO
 L0000084         0   0.16667E-01  439331.9 3748585.8   187.5     3.49     4.00
3.25     YES                    NO
 L0000085         0   0.16667E-01  439340.4 3748586.7   187.1     3.49     4.00
3.25     YES                    NO
 L0000086         0   0.16667E-01  439349.0 3748587.6   186.8     3.49     4.00
3.25     YES                    NO
 L0000087         0   0.16667E-01  439357.5 3748588.5   186.4     3.49     4.00
3.25     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

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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
L0000088	0	0.16667E-01	439366.0	3748589.4	185.2	3.49	4.00	3.25 YES NO
L0000089	0	0.16667E-01	439374.6	3748590.3	184.0	3.49	4.00	3.25 YES NO
L0000090	0	0.16667E-01	439383.1	3748591.2	182.8	3.49	4.00	3.25 YES NO
L0000091	0	0.16667E-01	439391.7	3748592.1	181.6	3.49	4.00	3.25 YES NO
L0000092	0	0.16667E-01	439400.2	3748593.0	180.1	3.49	4.00	3.25 YES NO
L0000093	0	0.16667E-01	439408.8	3748593.9	178.7	3.49	4.00	3.25 YES NO
L0000094	0	0.16667E-01	439417.3	3748594.8	177.2	3.49	4.00	3.25 YES NO
L0000095	0	0.16667E-01	439425.8	3748595.3	177.9	3.49	4.00	3.25 YES NO
L0000096	0	0.16667E-01	439434.3	3748593.8	179.6	3.49	4.00	3.25 YES NO
L0000097	0	0.16667E-01	439442.8	3748592.4	181.2	3.49	4.00	3.25 YES NO
L0000098	0	0.16667E-01	439451.2	3748590.9	182.7	3.49	4.00	3.25 YES NO
L0000099	0	0.16667E-01	439459.7	3748589.8	183.1	3.49	4.00	3.25 YES NO
L0000100	0	0.16667E-01	439468.2	3748588.7	183.6	3.49	4.00	3.25 YES NO
L0000101	0	0.16667E-01	439476.8	3748587.5	184.1	3.49	4.00	3.25 YES NO
L0000102	0	0.16667E-01	439485.3	3748586.4	184.6	3.49	4.00	3.25 YES NO
L0000103	0	0.16667E-01	439493.8	3748585.3	185.2	3.49	4.00	3.25 YES NO
L0000104	0	0.16667E-01	439501.2	3748588.5	184.9	3.49	4.00	3.25 YES NO
L0000105	0	0.16667E-01	439503.7	3748596.1	183.3	3.49	4.00	3.25 YES NO
L0000106	0	0.16667E-01	439504.4	3748604.6	181.4	3.49	4.00	3.25 YES NO
L0000107	0	0.16667E-01	439504.7	3748613.2	180.3	3.49	4.00	3.25 YES NO
L0000108	0	0.16667E-01	439504.7	3748621.8	179.4	3.49	4.00	3.25 YES NO
L0000109	0	0.16667E-01	439504.6	3748630.4	178.5	3.49	4.00	3.25 YES NO
L0000110	0	0.16667E-01	439504.5	3748639.0	177.5	3.49	4.00	

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3.25     YES                    NO
 L0000111         0   0.16667E-01  439504.4 3748647.5   176.4     3.49     4.00
3.25     YES                    NO
 L0000112         0   0.16667E-01  439504.3 3748656.1   175.2     3.49     4.00
3.25     YES                    NO
 L0000113         0   0.16667E-01  439504.2 3748664.7   174.1     3.49     4.00
3.25     YES                    NO
 L0000114         0   0.16667E-01  439504.2 3748673.3   173.1     3.49     4.00
3.25     YES                    NO
 L0000115         0   0.16667E-01  439504.1 3748681.9   172.3     3.49     4.00
3.25     YES                    NO
 L0000116         0   0.16667E-01  439504.0 3748690.5   171.4     3.49     4.00
3.25     YES                    NO
 L0000117         0   0.16667E-01  439503.9 3748699.1   170.6     3.49     4.00
3.25     YES                    NO
 L0000118         0   0.16667E-01  439503.8 3748707.7   169.7     3.49     4.00
3.25     YES                    NO
 L0000119         0   0.16667E-01  439503.7 3748716.3   168.8     3.49     4.00
3.25     YES                    NO
 L0000120         0   0.16667E-01  439503.7 3748724.9   168.0     3.49     4.00
3.25     YES                    NO
 L0000121         0   0.16667E-01  439502.2 3748733.1   167.1     3.49     4.00
3.25     YES                    NO
 L0000122         0   0.16667E-01  439498.1 3748740.6   166.2     3.49     4.00
3.25     YES                    NO
 L0000123         0   0.16667E-01  439494.0 3748748.2   165.3     3.49     4.00
3.25     YES                    NO
 L0000124         0   0.16667E-01  439489.9 3748755.7   164.4     3.49     4.00
3.25     YES                    NO
 L0000125         0   0.16667E-01  439485.8 3748763.3   163.6     3.49     4.00
3.25     YES                    NO
 L0000126         0   0.16667E-01  439481.7 3748770.8   162.7     3.49     4.00
3.25     YES                    NO
 L0000127         0   0.16667E-01  439477.6 3748778.4   161.8     3.49     4.00
3.25     YES                    NO
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000128	0	0.16667E-01	439473.5	3748785.9	160.9	3.49	4.00	3.25 YES NO
L0000129	0	0.16667E-01	439469.4	3748793.5	160.5	3.49	4.00	3.25 YES NO
L0000220	0	0.21277E-01	439656.1	3748800.2	160.2	3.49	4.00	3.25 YES NO
L0000221	0	0.21277E-01	439656.2	3748791.6	160.8	3.49	4.00	3.25 YES NO
L0000222	0	0.21277E-01	439656.2	3748783.0	161.2	3.49	4.00	3.25 YES NO
L0000223	0	0.21277E-01	439656.2	3748774.5	161.5	3.49	4.00	3.25 YES NO
L0000224	0	0.21277E-01	439656.2	3748765.9	161.8	3.49	4.00	3.25 YES NO
L0000225	0	0.21277E-01	439656.3	3748757.3	162.1	3.49	4.00	3.25 YES NO
L0000226	0	0.21277E-01	439656.3	3748748.7	162.6	3.49	4.00	3.25 YES NO
L0000227	0	0.21277E-01	439656.3	3748740.1	163.2	3.49	4.00	3.25 YES NO
L0000228	0	0.21277E-01	439656.4	3748731.5	163.8	3.49	4.00	3.25 YES NO
L0000229	0	0.21277E-01	439656.4	3748722.9	164.4	3.49	4.00	3.25 YES NO
L0000230	0	0.21277E-01	439656.4	3748714.3	165.3	3.49	4.00	3.25 YES NO
L0000231	0	0.21277E-01	439656.4	3748705.7	166.1	3.49	4.00	3.25 YES NO
L0000232	0	0.21277E-01	439656.5	3748697.1	166.9	3.49	4.00	3.25 YES NO
L0000233	0	0.21277E-01	439656.5	3748688.6	167.7	3.49	4.00	3.25 YES NO
L0000234	0	0.21277E-01	439655.9	3748680.6	168.5	3.49	4.00	3.25 YES NO
L0000235	0	0.21277E-01	439647.3	3748680.4	168.2	3.49	4.00	3.25 YES NO
L0000236	0	0.21277E-01	439638.7	3748680.3	167.9	3.49	4.00	3.25 YES NO
L0000237	0	0.21277E-01	439630.1	3748680.1	167.6	3.49	4.00	3.25 YES NO
L0000238	0	0.21277E-01	439621.5	3748679.9	168.1	3.49	4.00	3.25 YES NO
L0000239	0	0.21277E-01	439612.9	3748679.7	168.7	3.49	4.00	3.25 YES NO
L0000240	0	0.21277E-01	439604.3	3748679.6	169.3	3.49	4.00	

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3.25     YES                    NO
 L0000241         0   0.21277E-01  439595.7 3748679.4   170.0     3.49     4.00
3.25     YES                    NO
 L0000242         0   0.21277E-01  439587.2 3748679.2   170.8     3.49     4.00
3.25     YES                    NO
 L0000243         0   0.21277E-01  439578.6 3748679.0   171.5     3.49     4.00
3.25     YES                    NO
 L0000244         0   0.21277E-01  439570.0 3748678.8   172.3     3.49     4.00
3.25     YES                    NO
 L0000245         0   0.21277E-01  439561.4 3748678.7   172.5     3.49     4.00
3.25     YES                    NO
 L0000246         0   0.21277E-01  439552.8 3748678.5   172.6     3.49     4.00
3.25     YES                    NO
 L0000247         0   0.21277E-01  439544.2 3748678.3   172.8     3.49     4.00
3.25     YES                    NO
 L0000248         0   0.21277E-01  439535.6 3748678.1   172.8     3.49     4.00
3.25     YES                    NO
 L0000249         0   0.21277E-01  439527.0 3748678.0   172.9     3.49     4.00
3.25     YES                    NO
 L0000250         0   0.21277E-01  439518.4 3748677.8   172.9     3.49     4.00
3.25     YES                    NO
 L0000251         0   0.21277E-01  439509.9 3748677.6   172.9     3.49     4.00
3.25     YES                    NO
 L0000252         0   0.21277E-01  439504.3 3748680.6   172.4     3.49     4.00
3.25     YES                    NO
 L0000253         0   0.21277E-01  439504.1 3748689.2   171.6     3.49     4.00
3.25     YES                    NO
 L0000254         0   0.21277E-01  439503.9 3748697.8   170.7     3.49     4.00
3.25     YES                    NO
 L0000255         0   0.21277E-01  439503.6 3748706.4   169.8     3.49     4.00
3.25     YES                    NO
 L0000256         0   0.21277E-01  439503.4 3748715.0   169.0     3.49     4.00
3.25     YES                    NO
 L0000257         0   0.21277E-01  439502.7 3748723.5   168.1     3.49     4.00
3.25     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** 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
L0000258	0	0.21277E-01	439500.3	3748731.7	167.2	3.49	4.00	3.25 YES NO
L0000259	0	0.21277E-01	439497.8	3748740.0	166.3	3.49	4.00	3.25 YES NO
L0000260	0	0.21277E-01	439494.3	3748747.7	165.4	3.49	4.00	3.25 YES NO
L0000261	0	0.21277E-01	439490.1	3748755.2	164.5	3.49	4.00	3.25 YES NO
L0000262	0	0.21277E-01	439485.9	3748762.7	163.6	3.49	4.00	3.25 YES NO
L0000263	0	0.21277E-01	439481.8	3748770.2	162.7	3.49	4.00	3.25 YES NO
L0000264	0	0.21277E-01	439477.6	3748777.7	161.8	3.49	4.00	3.25 YES NO
L0000265	0	0.21277E-01	439473.4	3748785.2	160.9	3.49	4.00	3.25 YES NO
L0000266	0	0.21277E-01	439469.2	3748792.8	160.5	3.49	4.00	3.25 YES NO
L0000267	0	0.20000E-01	439682.0	3748797.9	159.8	3.49	4.00	3.25 YES NO
L0000268	0	0.20000E-01	439682.1	3748789.3	160.1	3.49	4.00	3.25 YES NO
L0000269	0	0.20000E-01	439682.2	3748780.7	160.3	3.49	4.00	3.25 YES NO
L0000270	0	0.20000E-01	439682.3	3748772.1	160.4	3.49	4.00	3.25 YES NO
L0000271	0	0.20000E-01	439682.4	3748763.5	160.4	3.49	4.00	3.25 YES NO
L0000272	0	0.20000E-01	439682.5	3748754.9	160.7	3.49	4.00	3.25 YES NO
L0000273	0	0.20000E-01	439682.5	3748746.3	161.9	3.49	4.00	3.25 YES NO
L0000274	0	0.20000E-01	439682.6	3748737.7	163.1	3.49	4.00	3.25 YES NO
L0000275	0	0.20000E-01	439682.7	3748729.2	164.4	3.49	4.00	3.25 YES NO
L0000276	0	0.20000E-01	439682.8	3748720.6	165.1	3.49	4.00	3.25 YES NO
L0000277	0	0.20000E-01	439682.9	3748712.0	165.5	3.49	4.00	3.25 YES NO
L0000278	0	0.20000E-01	439683.0	3748703.4	165.9	3.49	4.00	3.25 YES NO
L0000279	0	0.20000E-01	439683.0	3748694.8	166.3	3.49	4.00	3.25 YES NO
L0000280	0	0.20000E-01	439683.1	3748686.2	166.7	3.49	4.00	

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3.25     YES                    NO
 L0000281         0   0.20000E-01  439681.0 3748679.8   167.1     3.49     4.00
3.25     YES                    NO
 L0000282         0   0.20000E-01  439672.4 3748679.7   167.8     3.49     4.00
3.25     YES                    NO
 L0000283         0   0.20000E-01  439663.8 3748679.5   168.4     3.49     4.00
3.25     YES                    NO
 L0000284         0   0.20000E-01  439655.2 3748679.4   168.6     3.49     4.00
3.25     YES                    NO
 L0000285         0   0.20000E-01  439646.6 3748679.2   168.2     3.49     4.00
3.25     YES                    NO
 L0000286         0   0.20000E-01  439638.0 3748679.1   167.9     3.49     4.00
3.25     YES                    NO
 L0000287         0   0.20000E-01  439629.4 3748678.9   167.6     3.49     4.00
3.25     YES                    NO
 L0000288         0   0.20000E-01  439620.8 3748678.8   168.2     3.49     4.00
3.25     YES                    NO
 L0000289         0   0.20000E-01  439612.2 3748678.6   168.8     3.49     4.00
3.25     YES                    NO
 L0000290         0   0.20000E-01  439603.7 3748678.5   169.5     3.49     4.00
3.25     YES                    NO
 L0000291         0   0.20000E-01  439595.1 3748678.3   170.2     3.49     4.00
3.25     YES                    NO
 L0000292         0   0.20000E-01  439586.5 3748678.2   171.0     3.49     4.00
3.25     YES                    NO
 L0000293         0   0.20000E-01  439577.9 3748678.0   171.7     3.49     4.00
3.25     YES                    NO
 L0000294         0   0.20000E-01  439569.3 3748677.9   172.5     3.49     4.00
3.25     YES                    NO
 L0000295         0   0.20000E-01  439560.7 3748677.7   172.6     3.49     4.00
3.25     YES                    NO
 L0000296         0   0.20000E-01  439552.1 3748677.6   172.7     3.49     4.00
3.25     YES                    NO
 L0000297         0   0.20000E-01  439543.5 3748677.4   172.9     3.49     4.00
3.25     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                          ***       13:16:38

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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
L0000298	0	0.20000E-01	439534.9	3748677.3	172.9	3.49	4.00	3.25	YES	NO
L0000299	0	0.20000E-01	439526.4	3748677.1	172.9	3.49	4.00	3.25	YES	NO
L0000300	0	0.20000E-01	439517.8	3748677.0	173.0	3.49	4.00	3.25	YES	NO
L0000301	0	0.20000E-01	439509.2	3748676.8	173.0	3.49	4.00	3.25	YES	NO
L0000302	0	0.20000E-01	439504.0	3748680.1	172.5	3.49	4.00	3.25	YES	NO
L0000303	0	0.20000E-01	439504.1	3748688.7	171.6	3.49	4.00	3.25	YES	NO
L0000304	0	0.20000E-01	439504.2	3748697.3	170.7	3.49	4.00	3.25	YES	NO
L0000305	0	0.20000E-01	439504.3	3748705.9	169.9	3.49	4.00	3.25	YES	NO
L0000306	0	0.20000E-01	439504.3	3748714.5	169.0	3.49	4.00	3.25	YES	NO
L0000307	0	0.20000E-01	439503.6	3748722.9	168.2	3.49	4.00	3.25	YES	NO
L0000308	0	0.20000E-01	439501.0	3748731.1	167.2	3.49	4.00	3.25	YES	NO
L0000309	0	0.20000E-01	439498.0	3748739.1	166.4	3.49	4.00	3.25	YES	NO
L0000310	0	0.20000E-01	439493.9	3748746.7	165.5	3.49	4.00	3.25	YES	NO
L0000311	0	0.20000E-01	439489.7	3748754.2	164.6	3.49	4.00	3.25	YES	NO
L0000312	0	0.20000E-01	439485.6	3748761.7	163.7	3.49	4.00	3.25	YES	NO
L0000313	0	0.20000E-01	439481.4	3748769.3	162.8	3.49	4.00	3.25	YES	NO
L0000314	0	0.20000E-01	439477.3	3748776.8	161.9	3.49	4.00	3.25	YES	NO
L0000315	0	0.20000E-01	439473.2	3748784.3	161.0	3.49	4.00	3.25	YES	NO
L0000316	0	0.20000E-01	439469.0	3748791.8	160.5	3.49	4.00	3.25	YES	NO
L0000317	0	0.23256E-01	439655.6	3748592.0	179.1	3.49	4.00	3.25	YES	NO
L0000318	0	0.23256E-01	439655.3	3748600.6	178.3	3.49	4.00	3.25	YES	NO
L0000319	0	0.23256E-01	439655.0	3748609.2	177.5	3.49	4.00	3.25	YES	NO
L0000320	0	0.23256E-01	439654.7	3748617.8	176.9	3.49	4.00			

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3.25     YES                    NO
 L0000321         0   0.23256E-01  439654.4 3748626.3   176.2     3.49     4.00
3.25     YES                    NO
 L0000322         0   0.23256E-01  439654.1 3748634.9   175.6     3.49     4.00
3.25     YES                    NO
 L0000323         0   0.23256E-01  439653.8 3748643.5   174.1     3.49     4.00
3.25     YES                    NO
 L0000324         0   0.23256E-01  439653.5 3748652.1   172.4     3.49     4.00
3.25     YES                    NO
 L0000325         0   0.23256E-01  439653.2 3748660.7   170.7     3.49     4.00
3.25     YES                    NO
 L0000326         0   0.23256E-01  439653.0 3748669.3   169.3     3.49     4.00
3.25     YES                    NO
 L0000327         0   0.23256E-01  439652.7 3748677.9   168.6     3.49     4.00
3.25     YES                    NO
 L0000328         0   0.23256E-01  439646.0 3748679.7   168.2     3.49     4.00
3.25     YES                    NO
 L0000329         0   0.23256E-01  439637.4 3748679.6   167.9     3.49     4.00
3.25     YES                    NO
 L0000330         0   0.23256E-01  439628.8 3748679.5   167.6     3.49     4.00
3.25     YES                    NO
 L0000331         0   0.23256E-01  439620.2 3748679.3   168.2     3.49     4.00
3.25     YES                    NO
 L0000332         0   0.23256E-01  439611.6 3748679.2   168.8     3.49     4.00
3.25     YES                    NO
 L0000333         0   0.23256E-01  439603.1 3748679.1   169.5     3.49     4.00
3.25     YES                    NO
 L0000334         0   0.23256E-01  439594.5 3748678.9   170.2     3.49     4.00
3.25     YES                    NO
 L0000335         0   0.23256E-01  439585.9 3748678.8   170.9     3.49     4.00
3.25     YES                    NO
 L0000336         0   0.23256E-01  439577.3 3748678.6   171.7     3.49     4.00
3.25     YES                    NO
 L0000337         0   0.23256E-01  439568.7 3748678.5   172.4     3.49     4.00
3.25     YES                    NO
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000338	0	0.23256E-01	439560.1	3748678.4	172.5	3.49	4.00	3.25 YES NO
L0000339	0	0.23256E-01	439551.5	3748678.2	172.7	3.49	4.00	3.25 YES NO
L0000340	0	0.23256E-01	439542.9	3748678.1	172.8	3.49	4.00	3.25 YES NO
L0000341	0	0.23256E-01	439534.3	3748678.0	172.9	3.49	4.00	3.25 YES NO
L0000342	0	0.23256E-01	439525.8	3748677.8	172.9	3.49	4.00	3.25 YES NO
L0000343	0	0.23256E-01	439517.2	3748677.7	172.9	3.49	4.00	3.25 YES NO
L0000344	0	0.23256E-01	439508.6	3748677.6	172.9	3.49	4.00	3.25 YES NO
L0000345	0	0.23256E-01	439504.8	3748682.3	172.3	3.49	4.00	3.25 YES NO
L0000346	0	0.23256E-01	439504.8	3748690.9	171.4	3.49	4.00	3.25 YES NO
L0000347	0	0.23256E-01	439504.8	3748699.5	170.5	3.49	4.00	3.25 YES NO
L0000348	0	0.23256E-01	439504.8	3748708.1	169.7	3.49	4.00	3.25 YES NO
L0000349	0	0.23256E-01	439504.8	3748716.7	168.8	3.49	4.00	3.25 YES NO
L0000350	0	0.23256E-01	439502.1	3748724.8	167.9	3.49	4.00	3.25 YES NO
L0000351	0	0.23256E-01	439499.5	3748733.0	167.0	3.49	4.00	3.25 YES NO
L0000352	0	0.23256E-01	439495.9	3748740.8	166.1	3.49	4.00	3.25 YES NO
L0000353	0	0.23256E-01	439492.0	3748748.4	165.2	3.49	4.00	3.25 YES NO
L0000354	0	0.23256E-01	439488.0	3748756.0	164.3	3.49	4.00	3.25 YES NO
L0000355	0	0.23256E-01	439484.0	3748763.6	163.5	3.49	4.00	3.25 YES NO
L0000356	0	0.23256E-01	439480.0	3748771.2	162.6	3.49	4.00	3.25 YES NO
L0000357	0	0.23256E-01	439476.0	3748778.8	161.7	3.49	4.00	3.25 YES NO
L0000358	0	0.23256E-01	439472.0	3748786.4	160.8	3.49	4.00	3.25 YES NO
L0000359	0	0.23256E-01	439468.0	3748794.0	160.5	3.49	4.00	3.25 YES NO
L0000360	0	0.21739E-01	439678.1	3748594.0	181.9	3.49	4.00	

3.25   YES   NO
 L0000361   0   0.21739E-01 439678.1 3748602.6   179.7   3.49   4.00
3.25   YES   NO
 L0000362   0   0.21739E-01 439678.2 3748611.1   177.6   3.49   4.00
3.25   YES   NO
 L0000363   0   0.21739E-01 439678.2 3748619.7   175.8   3.49   4.00
3.25   YES   NO
 L0000364   0   0.21739E-01 439678.3 3748628.3   173.9   3.49   4.00
3.25   YES   NO
 L0000365   0   0.21739E-01 439678.3 3748636.9   172.1   3.49   4.00
3.25   YES   NO
 L0000366   0   0.21739E-01 439678.4 3748645.5   171.0   3.49   4.00
3.25   YES   NO
 L0000367   0   0.21739E-01 439678.4 3748654.1   169.8   3.49   4.00
3.25   YES   NO
 L0000368   0   0.21739E-01 439678.5 3748662.7   168.6   3.49   4.00
3.25   YES   NO
 L0000369   0   0.21739E-01 439680.2 3748671.1   167.7   3.49   4.00
3.25   YES   NO
 L0000370   0   0.21739E-01 439682.2 3748679.4   167.1   3.49   4.00
3.25   YES   NO
 L0000371   0   0.21739E-01 439674.6 3748680.1   167.6   3.49   4.00
3.25   YES   NO
 L0000372   0   0.21739E-01 439666.1 3748679.9   168.2   3.49   4.00
3.25   YES   NO
 L0000373   0   0.21739E-01 439657.5 3748679.8   168.6   3.49   4.00
3.25   YES   NO
 L0000374   0   0.21739E-01 439648.9 3748679.6   168.3   3.49   4.00
3.25   YES   NO
 L0000375   0   0.21739E-01 439640.3 3748679.5   168.0   3.49   4.00
3.25   YES   NO
 L0000376   0   0.21739E-01 439631.7 3748679.3   167.7   3.49   4.00
3.25   YES   NO
 L0000377   0   0.21739E-01 439623.1 3748679.2   168.0   3.49   4.00
3.25   YES   NO

 *** 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
L0000378	0	0.21739E-01	439614.5	3748679.0	168.7	3.49	4.00	3.25	YES	NO
L0000379	0	0.21739E-01	439605.9	3748678.9	169.3	3.49	4.00	3.25	YES	NO
L0000380	0	0.21739E-01	439597.4	3748678.7	169.9	3.49	4.00	3.25	YES	NO
L0000381	0	0.21739E-01	439588.8	3748678.6	170.7	3.49	4.00	3.25	YES	NO
L0000382	0	0.21739E-01	439580.2	3748678.4	171.5	3.49	4.00	3.25	YES	NO
L0000383	0	0.21739E-01	439571.6	3748678.3	172.2	3.49	4.00	3.25	YES	NO
L0000384	0	0.21739E-01	439563.0	3748678.1	172.5	3.49	4.00	3.25	YES	NO
L0000385	0	0.21739E-01	439554.4	3748678.0	172.7	3.49	4.00	3.25	YES	NO
L0000386	0	0.21739E-01	439545.8	3748677.8	172.8	3.49	4.00	3.25	YES	NO
L0000387	0	0.21739E-01	439537.2	3748677.7	172.9	3.49	4.00	3.25	YES	NO
L0000388	0	0.21739E-01	439528.6	3748677.5	172.9	3.49	4.00	3.25	YES	NO
L0000389	0	0.21739E-01	439520.1	3748677.4	172.9	3.49	4.00	3.25	YES	NO
L0000390	0	0.21739E-01	439511.5	3748677.2	172.9	3.49	4.00	3.25	YES	NO
L0000391	0	0.21739E-01	439504.8	3748679.0	172.6	3.49	4.00	3.25	YES	NO
L0000392	0	0.21739E-01	439504.6	3748687.6	171.7	3.49	4.00	3.25	YES	NO
L0000393	0	0.21739E-01	439504.4	3748696.2	170.9	3.49	4.00	3.25	YES	NO
L0000394	0	0.21739E-01	439504.3	3748704.8	170.0	3.49	4.00	3.25	YES	NO
L0000395	0	0.21739E-01	439504.1	3748713.4	169.1	3.49	4.00	3.25	YES	NO
L0000396	0	0.21739E-01	439503.7	3748721.9	168.3	3.49	4.00	3.25	YES	NO
L0000397	0	0.21739E-01	439501.2	3748730.1	167.4	3.49	4.00	3.25	YES	NO
L0000398	0	0.21739E-01	439498.1	3748738.1	166.5	3.49	4.00	3.25	YES	NO
L0000399	0	0.21739E-01	439494.1	3748745.7	165.6	3.49	4.00	3.25	YES	NO
L0000400	0	0.21739E-01	439490.0	3748753.2	164.7	3.49	4.00			

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3.25     YES                    NO
 L0000401         0   0.21739E-01  439485.9 3748760.8   163.8     3.49     4.00
3.25     YES                    NO
 L0000402         0   0.21739E-01  439481.9 3748768.4   162.9     3.49     4.00
3.25     YES                    NO
 L0000403         0   0.21739E-01  439477.8 3748776.0   162.0     3.49     4.00
3.25     YES                    NO
 L0000404         0   0.21739E-01  439473.8 3748783.5   161.1     3.49     4.00
3.25     YES                    NO
 L0000405         0   0.21739E-01  439469.7 3748791.1   160.6     3.49     4.00
3.25     YES                    NO
 L0000406         0   0.33333E-01  439452.2 3748812.2   160.0     3.49     6.51
3.25     YES                    NO
 L0000407         0   0.33333E-01  439439.8 3748805.7   160.6     3.49     6.51
3.25     YES                    NO
 L0000408         0   0.33333E-01  439427.4 3748799.2   161.5     3.49     6.51
3.25     YES                    NO
 L0000409         0   0.33333E-01  439414.3 3748794.9   162.2     3.49     6.51
3.25     YES                    NO
 L0000410         0   0.33333E-01  439400.4 3748793.2   163.0     3.49     6.51
3.25     YES                    NO
 L0000411         0   0.33333E-01  439386.5 3748792.2   163.6     3.49     6.51
3.25     YES                    NO
 L0000412         0   0.33333E-01  439372.5 3748791.8   163.7     3.49     6.51
3.25     YES                    NO
 L0000413         0   0.33333E-01  439358.5 3748791.3   163.9     3.49     6.51
3.25     YES                    NO
 L0000414         0   0.33333E-01  439344.8 3748793.5   164.1     3.49     6.51
3.25     YES                    NO
 L0000415         0   0.33333E-01  439331.1 3748796.7   164.3     3.49     6.51
3.25     YES                    NO
 L0000416         0   0.33333E-01  439318.8 3748803.2   164.1     3.49     6.51
3.25     YES                    NO
 L0000417         0   0.33333E-01  439306.5 3748809.9   164.0     3.49     6.51
3.25     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                          ***       13:16:38

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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
```

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     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 L0000418         0   0.33333E-01  439294.2 3748816.7   164.2     3.49     6.51
3.25     YES                    NO
 L0000419         0   0.33333E-01  439282.0 3748823.4   164.1     3.49     6.51
3.25     YES                    NO
 L0000420         0   0.33333E-01  439269.7 3748830.2   164.1     3.49     6.51
3.25     YES                    NO
 L0000421         0   0.33333E-01  439257.5 3748836.9   163.9     3.49     6.51
3.25     YES                    NO
 L0000422         0   0.33333E-01  439245.2 3748843.7   163.9     3.49     6.51
3.25     YES                    NO
 L0000423         0   0.33333E-01  439232.9 3748850.4   163.9     3.49     6.51
3.25     YES                    NO
 L0000424         0   0.33333E-01  439220.7 3748857.2   163.7     3.49     6.51
3.25     YES                    NO
 L0000425         0   0.33333E-01  439208.4 3748863.9   163.2     3.49     6.51
3.25     YES                    NO
 L0000426         0   0.33333E-01  439196.1 3748870.7   162.6     3.49     6.51
3.25     YES                    NO
 L0000427         0   0.33333E-01  439183.9 3748877.5   161.9     3.49     6.51
3.25     YES                    NO
 L0000428         0   0.33333E-01  439171.6 3748884.2   161.2     3.49     6.51
3.25     YES                    NO
 L0000429         0   0.33333E-01  439159.3 3748891.0   160.6     3.49     6.51
3.25     YES                    NO
 L0000430         0   0.33333E-01  439147.1 3748897.7   159.9     3.49     6.51
3.25     YES                    NO
 L0000431         0   0.33333E-01  439134.8 3748904.5   159.2     3.49     6.51
3.25     YES                    NO
 L0000432         0   0.33333E-01  439122.5 3748911.2   158.7     3.49     6.51
3.25     YES                    NO
 L0000433         0   0.33333E-01  439110.1 3748917.7   158.2     3.49     6.51
3.25     YES                    NO
 L0000434         0   0.33333E-01  439097.5 3748923.7   157.9     3.49     6.51
3.25     YES                    NO
 L0000435         0   0.33333E-01  439084.9 3748929.8   157.4     3.49     6.51
3.25     YES                    NO
 REF              0   0.10000E+01  439356.6 3748891.1   159.1     1.00     3.95
2.33     YES                    NO
 SPILL            0   0.10000E+01  439356.6 3748891.1   159.1     0.00     3.95
2.33     YES                    NO
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:16:38
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
B1IDLE	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 ,
B1ON	L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 ,
	L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , L0000085 ,
	L0000086 , L0000087 , L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 ,
	L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 ,
	L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 , L0000109 ,
	L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , L0000116 , L0000117 ,
	L0000118 , L0000119 , L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 ,
	L0000126 , L0000127 , L0000128 , L0000129 ,
B2IDLE	L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 ,
	L0000035 , L0000036 , L0000037 ,

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  B2ON       L0000220    , L0000221    , L0000222    , L0000223    , L0000224    ,
L0000225    , L0000226    , L0000227    ,

             L0000228    , L0000229    , L0000230    , L0000231    , L0000232    ,
L0000233    , L0000234    , L0000235    ,

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L0000241    , L0000242    , L0000243    ,

             L0000244    , L0000245    , L0000246    , L0000247    , L0000248    ,
L0000249    , L0000250    , L0000251    ,

             L0000252    , L0000253    , L0000254    , L0000255    , L0000256    ,
L0000257    , L0000258    , L0000259    ,

             L0000260    , L0000261    , L0000262    , L0000263    , L0000264    ,
L0000265    , L0000266    ,
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID   SOURCE IDs
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  B3IDLE     L0000038    , L0000039    , L0000040    , L0000041    , L0000042    ,
L0000043    , L0000044    , L0000045    ,

             L0000046    , L0000047    , L0000048    ,

  B3ON       L0000267    , L0000268    , L0000269    , L0000270    , L0000271    ,
L0000272    , L0000273    , L0000274    ,

             L0000275    , L0000276    , L0000277    , L0000278    , L0000279    ,
L0000280    , L0000281    , L0000282    ,

             L0000283    , L0000284    , L0000285    , L0000286    , L0000287    ,
L0000288    , L0000289    , L0000290    ,

             L0000291    , L0000292    , L0000293    , L0000294    , L0000295    ,
L0000296    , L0000297    , L0000298    ,
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L0000304    , L0000305    , L0000306    ,

             L0000307    , L0000308    , L0000309    , L0000310    , L0000311    ,
L0000312    , L0000313    , L0000314    ,

             L0000315    , L0000316    ,

  B4IDLE     L0000056    , L0000057    , L0000058    , L0000059    , L0000060    ,
L0000061    , L0000062    ,

  B4ON       L0000317    , L0000318    , L0000319    , L0000320    , L0000321    ,
L0000322    , L0000323    , L0000324    ,

             L0000325    , L0000326    , L0000327    , L0000328    , L0000329    ,
L0000330    , L0000331    , L0000332    ,

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L0000338    , L0000339    , L0000340    ,

             L0000341    , L0000342    , L0000343    , L0000344    , L0000345    ,
L0000346    , L0000347    , L0000348    ,

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             L0000357    , L0000358    , L0000359    ,

  B5IDLE     L0000063    , L0000064    , L0000065    , L0000066    , L0000067    ,
L0000068    , L0000069    ,

  B5ON       L0000360    , L0000361    , L0000362    , L0000363    , L0000364    ,
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L0000381    , L0000382    , L0000383    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 SRCGROUP ID                                                SOURCE IDs
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             L0000384    , L0000385    , L0000386    , L0000387    , L0000388    ,
L0000389    , L0000390    , L0000391    ,

             L0000392    , L0000393    , L0000394    , L0000395    , L0000396    ,
L0000397    , L0000398    , L0000399    ,

             L0000400    , L0000401    , L0000402    , L0000403    , L0000404    ,
L0000405    ,

  BREATHE    BREATHE     ,

  LOAD       LOAD        ,

  OFFSITE    L0000406    , L0000407    , L0000408    , L0000409    , L0000410    ,
L0000411    , L0000412    , L0000413    ,

             L0000414    , L0000415    , L0000416    , L0000417    , L0000418    ,
L0000419    , L0000420    , L0000421    ,

             L0000422    , L0000423    , L0000424    , L0000425    , L0000426    ,
L0000427    , L0000428    , L0000429    ,

             L0000430    , L0000431    , L0000432    , L0000433    , L0000434    ,
L0000435    ,

  REF        REF         ,

  SPILL      SPILL       ,

  ALL        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    ,
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L0000046   , L0000047   , L0000048   ,

             L0000056   , L0000057   , L0000058   , L0000059   , L0000060   ,
L0000061   , L0000062   , L0000063   ,

             L0000064   , L0000065   , L0000066   , L0000067   , L0000068   ,
L0000069   , L0000070   , L0000071   ,

             L0000072   , L0000073   , L0000074   , L0000075   , L0000076   ,
L0000077   , L0000078   , L0000079   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID   SOURCE IDs
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             L0000080   , L0000081   , L0000082   , L0000083   , L0000084   ,
L0000085   , L0000086   , L0000087   ,

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
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                       ***        13:16:38

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
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 SRCGROUP ID                                              SOURCE IDs
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             L0000434    , L0000435    , REF         , SPILL       , LOAD        ,
BREATHE     , STCK1       , STCK2       ,

             STCK3       , STCK4       , STCK5       ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
		L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
		L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
		L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
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		L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 ,
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L0000415    , L0000416    , L0000417    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,
		L0000434 , L0000435 , REF , SPILL , LOAD , BREATHE , STCK1 , STCK2 ,
		STCK3 , STCK4 , STCK5 ,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	15.2,	288.9,	162.3,	-50.7,	120.5,	2	15.2,	288.3,	199.1,	-92.4,	122.3,
3	15.2,	280.3,	229.8,	-131.3,	121.0,	4	15.2,	263.8,	253.6,	-166.3,	116.1,
5	15.2,	239.2,	269.7,	-196.2,	107.7,	6	15.2,	207.4,	280.6,	-220.1,	96.0,
7	15.2,	169.3,	284.1,	-237.3,	81.4,	8	15.2,	126.8,	279.0,	-247.4,	64.7,
9	15.2,	121.2,	283.3,	-257.9,	53.2,	10	15.2,	162.3,	288.9,	-264.9,	30.5,
11	15.2,	199.1,	288.3,	-266.4,	7.1,	12	15.2,	229.8,	280.3,	-261.2,	-16.4,
13	15.2,	253.6,	263.8,	-248.0,	-39.5,	14	15.2,	269.7,	239.2,	-227.3,	-61.3,

```
   15   15.2,  280.6,  207.4, -199.8,  -79.8,     16   15.2,  284.1,  169.3,
-166.1,  -95.3,
   17   15.2,  279.0,  126.8, -128.1, -107.8,     18   15.2,  283.3,  121.2,
-113.8, -116.3,
   19   15.2,  288.9,  162.3, -111.6, -120.5,     20   15.2,  288.3,  199.1,
-106.7, -122.3,
   21   15.2,  280.3,  229.8,  -98.5, -121.0,     22   15.2,  263.8,  253.6,
-87.3, -116.1,
   23   15.2,  239.2,  269.7,  -73.5, -107.7,     24   15.2,  207.4,  280.6,
-60.5,  -96.0,
   25   15.2,  169.3,  284.1,  -46.8,  -81.4,     26   15.2,  126.8,  279.0,
-31.7,  -64.7,
   27   15.2,  121.2,  283.3,  -25.4,  -53.2,     28   15.2,  162.3,  288.9,
-24.0,  -30.5,
   29   15.2,  199.1,  288.3,  -21.9,   -7.1,     30   15.2,  229.8,  280.3,
-19.1,   16.4,
   31   15.2,  253.6,  263.8,  -15.7,   39.5,     32   15.2,  269.7,  239.2,
-11.9,   61.3,
   33   15.2,  280.6,  207.4,   -7.7,   79.8,     34   15.2,  284.1,  169.3,
-3.3,   95.3,
   35   15.2,  279.0,  126.8,    1.3,  107.8,     36   15.2,  283.3,  121.2,
-7.4,  116.3,


 SOURCE ID: STCK2
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   15.2,  110.7,  116.8,   -4.1,  -39.2,      2   15.2,  123.2,  127.6,
-3.6,  -29.5,
    3   15.2,  132.1,  134.6,   -3.0,  -18.9,      4   15.2,  136.9,  137.4,
-2.2,   -7.7,
    5   15.2,  137.5,  136.1,   -1.4,    3.8,      6   15.2,  134.0,  130.6,
-0.6,   15.1,
    7   15.2,  126.3,  121.2,    0.2,   25.9,      8   15.2,  115.1,  108.1,
1.1,   36.1,
    9   15.2,  103.0,   96.3,   -1.1,   46.4,     10   15.2,  116.8,  110.7,
-16.1,   54.3,
   11   15.2,  127.6,  123.2,  -32.1,   60.2,     12   15.2,  134.6,  132.1,
-47.1,   64.3,
   13   15.2,  137.4,  136.9,  -60.8,   66.5,     14   15.2,  136.1,  137.5,
-72.5,   66.6,
   15   15.2,  130.6,  134.0,  -82.0,   64.7,     16   15.2,  121.2,  126.3,
-89.1,   60.8,
   17   15.2,  108.1,  115.1,  -93.6,   55.1,     18   15.2,   96.3,  103.0,
-97.9,   47.0,
   19   15.2,  110.7,  116.8, -112.6,   39.2,     20   15.2,  123.2,  127.6,
-124.0,   29.5,
   21   15.2,  132.1,  134.6, -131.6,   18.9,     22   15.2,  136.9,  137.4,
-135.2,    7.7,
   23   15.2,  137.5,  136.1, -134.6,   -3.8,     24   15.2,  134.0,  130.6,
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-130.0, -15.1,
   25   15.2, 126.3, 121.2, -121.5, -25.9,   26   15.2, 115.1, 108.1,
-109.2, -36.1,
   27   15.2, 103.0,   96.3, -95.1, -46.4,   28   15.2, 116.8, 110.7,
-94.6, -54.3,
   29   15.2, 127.6, 123.2, -91.1, -60.2,   30   15.2, 134.6, 132.1,
-84.9, -64.3,
   31   15.2, 137.4, 136.9, -76.1, -66.5,   32   15.2, 136.1, 137.5,
-65.0, -66.6,
   33   15.2, 130.6, 134.0, -51.9, -64.7,   34   15.2, 121.2, 126.3,
-37.2, -60.8,
   35   15.2, 108.1, 115.1, -21.4, -55.1,   36   15.2,   96.3, 103.0,
-5.1, -47.0,

 SOURCE ID: STCK3
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   15.2, 101.6, 110.2, -21.8,   52.5,   2   15.2, 113.6, 120.0,
-36.2,   57.8,
    3   15.2, 122.3, 126.1, -49.6,   61.3,   4   15.2, 127.2, 128.4,
-61.4,   62.9,
    5   15.2, 128.3, 126.8, -71.3,   62.7,   6   15.2, 125.5, 121.3,
-79.1,   60.5,
    7   15.2, 118.9, 112.2, -84.5,   56.5,   8   15.2, 108.6,   99.6,
-87.3,   50.7,
    9   15.2,   98.8,   88.8, -88.9,   42.7,   10   15.2, 110.2, 101.6,
-103.3,   33.3,
   11   15.2, 120.0, 113.6, -114.6,   23.8,   12   15.2, 126.1, 122.3,
-122.5,   13.5,
   13   15.2, 128.4, 127.2, -126.6,   2.8,   14   15.2, 126.8, 128.3,
-126.8,   -8.0,
   15   15.2, 121.3, 125.5, -123.2, -18.5,   16   15.2, 112.2, 118.9,
-115.9, -28.4,
   17   15.2,   99.6, 108.6, -105.0, -37.5,   18   15.2,   88.8,   98.8,
-92.0, -44.5,
   19   15.2, 101.6, 110.2, -88.4, -52.5,   20   15.2, 113.6, 120.0,
-83.7, -57.8,
   21   15.2, 122.3, 126.1, -76.5, -61.3,   22   15.2, 127.2, 128.4,
-67.0, -62.9,
   23   15.2, 128.3, 126.8, -55.4, -62.7,   24   15.2, 125.5, 121.3,
-42.2, -60.5,
   25   15.2, 118.9, 112.2, -27.6, -56.5,   26   15.2, 108.6,   99.6,
-12.3, -50.7,
   27   15.2,   98.8,   88.8,   0.1, -42.7,   28   15.2, 110.2, 101.6,
1.7, -33.3,
   29   15.2, 120.0, 113.6,   1.0, -23.8,   30   15.2, 126.1, 122.3,
0.2, -13.5,
   31   15.2, 128.4, 127.2,   -0.7,   -2.8,   32   15.2, 126.8, 128.3,
-1.5,   8.0,

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   33   15.2,  121.3,  125.5,   -2.3,   18.5,     34   15.2,  112.2,  118.9,
-3.0,   28.4,
   35   15.2,   99.6,  108.6,   -3.6,   37.5,     36   15.2,   88.8,   98.8,
-6.7,   44.5,


 SOURCE ID: STCK4
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   15.2,  115.3,  153.5, -153.2,   33.3,      2   15.2,  134.5,  162.2,
-162.2,   19.9,
    3   15.2,  149.6,  166.0, -166.2,    5.8,      4   15.2,  160.1,  164.8,
-165.3,   -8.5,
    5   15.2,  165.8,  158.5, -159.2,  -22.5,      6   15.2,  166.4,  147.5,
-148.4,  -35.8,
    7   15.2,  162.0,  131.9, -133.0,  -48.0,      8   15.2,  152.7,  112.6,
-113.6,  -58.8,
    9   15.2,  142.2,   95.4,  -92.1,  -68.5,     10   15.2,  153.5,  115.3,
-91.0,  -76.5,
   11   15.2,  162.2,  134.5,  -87.1,  -81.1,     12   15.2,  166.0,  149.6,
-80.6,  -83.2,
   13   15.2,  164.8,  160.1,  -71.6,  -82.9,     14   15.2,  158.5,  165.8,
-60.4,  -80.0,
   15   15.2,  147.5,  166.4,  -47.4,  -74.6,     16   15.2,  131.9,  162.0,
-33.0,  -67.0,
   17   15.2,  112.6,  152.7,  -17.5,  -57.3,     18   15.2,   95.4,  142.2,
-2.6,  -44.4,
   19   15.2,  115.3,  153.5,   -0.3,  -33.3,     20   15.2,  134.5,  162.2,
-0.0,  -19.9,
   21   15.2,  149.6,  166.0,    0.2,   -5.8,     22   15.2,  160.1,  164.8,
0.5,    8.5,
   23   15.2,  165.8,  158.5,    0.7,   22.5,     24   15.2,  166.4,  147.5,
0.9,   35.8,
   25   15.2,  162.0,  131.9,    1.1,   48.0,     26   15.2,  152.7,  112.6,
1.0,   58.8,
   27   15.2,  142.2,   95.4,   -3.2,   68.5,     28   15.2,  153.5,  115.3,
-24.3,   76.5,
   29   15.2,  162.2,  134.5,  -47.4,   81.1,     30   15.2,  166.0,  149.6,
-69.0,   83.2,
   31   15.2,  164.8,  160.1,  -88.5,   82.9,     32   15.2,  158.5,  165.8,
-105.4,   80.0,
   33   15.2,  147.5,  166.4, -119.0,   74.6,     34   15.2,  131.9,  162.0,
-129.0,   67.0,
   35   15.2,  112.6,  152.7, -135.1,   57.3,     36   15.2,   95.4,  142.2,
-139.6,   44.4,

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	15.2,	113.1,	157.3,	-96.4,	-55.7,	2	15.2,	130.2,	166.1,	-91.3,	-59.8,
3	15.2,	143.4,	169.9,	-83.5,	-62.0,	4	15.2,	152.2,	168.4,	-73.1,	-62.3,
5	15.2,	156.4,	161.9,	-60.5,	-60.7,	6	15.2,	158.8,	150.5,	-46.1,	-55.8,
7	15.2,	159.0,	134.5,	-30.2,	-47.9,	8	15.2,	154.4,	114.3,	-13.5,	-38.5,
9	15.2,	145.7,	96.7,	-0.4,	-27.7,	10	15.2,	157.3,	113.1,	-0.8,	-17.8,
11	15.2,	166.1,	130.2,	-5.4,	-8.3,	12	15.2,	169.9,	143.4,	-9.7,	1.4,
13	15.2,	168.4,	152.2,	-13.8,	11.1,	14	15.2,	161.9,	156.4,	-17.4,	20.4,
15	15.2,	150.5,	158.8,	-23.6,	29.2,	16	15.2,	134.5,	159.0,	-31.6,	37.0,
17	15.2,	114.3,	154.4,	-38.7,	43.7,	18	15.2,	96.7,	145.7,	-45.2,	47.9,
19	15.2,	113.1,	157.3,	-60.9,	55.7,	20	15.2,	130.2,	166.1,	-74.8,	59.8,
21	15.2,	143.4,	169.9,	-86.3,	62.0,	22	15.2,	152.2,	168.4,	-95.3,	62.3,
23	15.2,	156.4,	161.9,	-101.4,	60.7,	24	15.2,	158.8,	150.5,	-104.4,	55.8,
25	15.2,	159.0,	134.5,	-104.2,	47.9,	26	15.2,	154.4,	114.3,	-100.9,	38.5,
27	15.2,	145.7,	96.7,	-96.3,	27.7,	28	15.2,	157.3,	113.1,	-112.3,	17.8,
29	15.2,	166.1,	130.2,	-124.9,	8.3,	30	15.2,	169.9,	143.4,	-133.7,	-1.4,
31	15.2,	168.4,	152.2,	-138.4,	-11.1,	32	15.2,	161.9,	156.4,	-138.9,	-20.4,
33	15.2,	150.5,	158.8,	-135.2,	-29.2,	34	15.2,	134.5,	159.0,	-127.4,	-37.0,
35	15.2,	114.3,	154.4,	-115.7,	-43.7,	36	15.2,	96.7,	145.7,	-100.5,	-47.9,

 *** 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 .1000E+01   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38

                                  PAGE  23
 *** 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  .1000E+01   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   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
```

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                                                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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38

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

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

 SOURCE ID = STCK3        ; 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  .1000E+01   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38

                                  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

 SOURCE ID = STCK4        ; 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  .1000E+01   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   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
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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

                                   PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

 SOURCE ID = STCK5        ; 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  .1000E+01   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   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
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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 = 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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38

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

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

     ( 439260.0, 3749072.6,     149.6,    1142.1,       0.0);         ( 439277.6,
3749070.7,     149.3,    1142.1,       0.0);
     ( 439298.4, 3749082.1,     148.2,    1142.1,       0.0);         ( 439312.1,
3749091.1,     147.4,    1142.1,       0.0);
     ( 439321.9, 3749098.5,     146.8,    1142.1,       0.0);         ( 439240.7,
3749074.7,     149.8,    1142.1,       0.0);
     ( 439217.6, 3749084.1,     149.2,    1142.1,       0.0);         ( 439205.3,
3749089.8,     148.8,    1142.1,       0.0);
     ( 439192.1, 3749096.3,     148.3,    1142.1,       0.0);         ( 439179.5,
3749103.1,     147.9,    1142.1,       0.0);
     ( 439169.9, 3749108.1,     147.6,    1142.1,       0.0);         ( 439157.1,
3749113.7,     147.2,    1142.1,       0.0);
     ( 439137.6, 3749079.0,     150.0,    1142.1,       0.0);         ( 439113.3,
3749079.2,     150.5,    1142.1,       0.0);
     ( 439099.8, 3749078.8,     150.5,    1142.1,       0.0);         ( 439085.4,
```

```
3749079.0,     150.6,    1142.1,       0.0);
     ( 439071.9, 3749078.8,     150.9,    1142.1,       0.0);         ( 439045.6,
3749077.6,     152.1,    1142.1,       0.0);
     ( 438992.4, 3749075.4,     153.1,    1142.1,       0.0);         ( 438978.2,
3749072.7,     153.3,    1142.1,       0.0);
     ( 438963.0, 3749071.1,     153.5,    1142.1,       0.0);         ( 438947.1,
3749069.1,     153.6,    1142.1,       0.0);
     ( 438932.4, 3749067.4,     153.6,    1142.1,       0.0);         ( 438917.5,
3749065.3,     153.7,    1142.1,       0.0);
     ( 438902.8, 3749063.1,     153.6,    1142.1,       0.0);         ( 438888.1,
3749060.2,     153.2,    1142.1,       0.0);
     ( 438870.8, 3749057.6,     153.0,    1142.1,       0.0);         ( 438854.9,
3749058.0,     153.0,    1142.1,       0.0);
     ( 438838.0, 3749060.2,     153.3,    1142.1,       0.0);         ( 438779.5,
3749017.8,     155.3,    1142.1,       0.0);
     ( 438784.5, 3749046.0,     155.3,    1142.1,       0.0);         ( 438762.9,
3749004.6,     155.4,    1142.1,       0.0);
     ( 438815.8, 3749066.2,     153.8,    1142.1,       0.0);         ( 439042.5,
3748895.5,     160.7,    1142.1,       0.0);
     ( 439038.5, 3748865.8,     163.8,    1142.1,       0.0);         ( 438999.1,
3748811.4,     169.3,    1142.1,       0.0);
     ( 438921.2, 3748750.7,     169.3,    1142.1,       0.0);         ( 438794.0,
3748719.9,     136.3,    1142.1,       0.0);
     ( 438730.9, 3748880.7,     139.1,    1142.1,       0.0);         ( 438748.5,
3748863.0,     139.0,    1142.1,       0.0);
     ( 438764.6, 3748843.8,     139.2,    1142.1,       0.0);         ( 438785.5,
3748816.7,     136.1,    1142.1,       0.0);
     ( 438805.1, 3748788.0,     136.7,    1142.1,       0.0);         ( 438803.2,
3748750.8,     136.5,    1142.1,       0.0);
     ( 438788.4, 3748703.2,     136.7,    1142.1,       0.0);         ( 438780.5,
3748674.0,     136.6,    1142.1,       0.0);
     ( 438768.9, 3748645.4,     136.5,    1142.1,       0.0);         ( 438751.6,
3748620.5,     135.7,    1142.1,       0.0);
     ( 438730.3, 3748595.8,     135.0,    1142.1,       0.0);         ( 438712.2,
3748572.0,     133.7,    1142.1,       0.0);
     ( 438693.5, 3748548.8,     131.9,    1142.1,       0.0);         ( 438676.8,
3748525.0,     131.1,    1142.1,       0.0);
     ( 438655.8, 3748497.8,     131.0,    1142.1,       0.0);         ( 438639.1,
3748475.7,     131.4,    1142.1,       0.0);
     ( 438619.5, 3748452.5,     131.5,    1142.1,       0.0);         ( 438600.3,
3748429.8,     131.6,    1142.1,       0.0);
     ( 438580.7, 3748404.6,     131.1,    1142.1,       0.0);         ( 438561.4,
3748384.2,     131.1,    1142.1,       0.0);
     ( 438540.8, 3748363.8,     131.1,    1142.1,       0.0);         ( 438520.9,
3748341.1,     131.1,    1142.1,       0.0);
     ( 438500.0, 3748320.4,     130.5,    1142.1,       0.0);         ( 438735.7,
3748992.6,     156.9,    1142.1,       0.0);
     ( 438675.3, 3748985.1,     148.4,    1142.1,       0.0);         ( 439331.0,
3749107.6,     146.2,    1142.1,       0.0);
     ( 439341.9, 3749117.1,     145.5,    1142.1,       0.0);         ( 439353.6,
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3749127.3,   144.5,   1142.1,   0.0);
     (439366.1, 3749137.4,   143.4,   1142.1,   0.0);   (439375.7,
3749143.9,   142.6,   1142.1,   0.0);
     (439388.4, 3749153.5,   141.3,   1142.1,   0.0);   (439400.5,
3749162.1,   140.2,   1142.1,   0.0);
     (439413.6, 3749169.9,   139.5,   1142.1,   0.0);   (439425.7,
3749178.1,   138.9,   1142.1,   0.0);
     (439449.6, 3749192.9,   138.5,   1142.1,   0.0);   (439473.0,
3749214.4,   138.5,   1142.1,   0.0);
     (439800.8, 3749040.5,   147.5,   1142.1,   0.0);   (439873.8,
3748887.4,   156.3,   1142.1,   0.0);
     (439887.6, 3748802.5,   161.9,   1142.1,   0.0);   (440077.8,
3748740.2,   180.5,   1142.1,   0.0);
     (440019.2, 3748682.1,   178.2,   1142.1,   0.0);   (439929.6,
3748601.8,   215.7,   1142.1,   0.0);
     (439955.0, 3748605.9,   216.9,   1142.1,   0.0);   (439983.2,
3748614.2,   213.8,   1142.1,   0.0);
     (440006.2, 3748617.4,   211.2,   1142.1,   0.0);   (440071.3,
3748624.4,   201.1,   1142.1,   0.0);
     (440087.9, 3748639.6,   190.9,   1142.1,   0.0);   (440117.0,
3748767.0,   190.4,   1142.1,   0.0);
     (439940.2, 3748575.0,   215.8,   1142.1,   0.0);   (439996.1,
3748506.2,   215.9,   1142.1,   0.0);
     (440023.3, 3748475.8,   213.2,   1142.1,   0.0);   (440043.2,
3748463.8,   217.3,   1142.1,   0.0);

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

     (440054.7, 3748448.5,   218.5,   1142.1,   0.0);   (440063.5,
3748429.6,   219.1,   1142.1,   0.0);
     (440072.3, 3748414.8,   221.0,   1142.1,   0.0);   (440083.8,
3748396.4,   222.7,   1142.1,   0.0);
     (440096.3, 3748378.8,   225.5,   1142.1,   0.0);   (440105.1,
3748361.8,   227.1,   1142.1,   0.0);
     (440106.9, 3748342.8,   226.4,   1142.1,   0.0);   (440120.8,
3748318.8,   231.8,   1142.1,   0.0);
     (440122.7, 3748286.9,   233.8,   1142.1,   0.0);   (440117.3,
3748252.6,   235.6,   1142.1,   0.0);
     (440121.3, 3748218.1,   241.7,   1142.1,   0.0);   (440128.1,
3748298.0,   235.1,   1142.1,   0.0);
     (440266.3, 3748117.4,   245.8,   1142.1,   0.0);   (440165.5,

3747898.5,   272.1,   1142.1,   0.0);
     (440191.3, 3747915.0,   264.6,   1142.1,   0.0);   (440206.6,
3747939.3,   273.8,   1142.1,   0.0);
     (440247.4, 3747944.8,   263.2,   1142.1,   0.0);   (440266.7,
3747950.7,   259.8,   1142.1,   0.0);
     (440283.1, 3747959.7,   258.2,   1142.1,   0.0);   (440300.0,
3747969.1,   258.9,   1142.1,   0.0);
     (440321.2, 3747989.1,   257.1,   1142.1,   0.0);   (440293.3,
3748093.9,   240.7,   1142.1,   0.0);
     (440300.0, 3748071.1,   247.9,   1142.1,   0.0);   (440307.9,
3748048.4,   252.5,   1142.1,   0.0);
     (440314.1, 3748028.4,   255.8,   1142.1,   0.0);   (440320.0,
3748006.8,   260.3,   1142.1,   0.0);
     (440335.3, 3747569.2,   306.9,   1142.1,   0.0);   (440507.2,
3748971.2,   177.2,   1142.1,   0.0);
     (439956.0, 3749044.3,   147.7,   1142.1,   0.0);   (439952.9,
3748770.0,   164.0,   1142.1,   0.0);
     (438863.8, 3748859.3,   164.9,   1142.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 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.

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: KRAL_V9_ADJU\KRAL_v9.SFC
Met Version: 16216
Profile file: KRAL_V9_ADJU\KRAL_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-25.6	0.266	-9.000	-9.000	-999.	330.	77.9	0.15	2.40	1.00	2.93	55.	10.1	288.1	2.0
12	01	01	1	02	-26.8	0.277	-9.000	-9.000	-999.	351.	84.7	0.15	2.40	1.00	3.05	55.	10.1	287.0	2.0
12	01	01	1	03	-21.5	0.221	-9.000	-9.000	-999.	250.	53.5	0.15	2.40	1.00	2.45	74.	10.1	284.2	2.0
12	01	01	1	04	-22.0	0.227	-9.000	-9.000	-999.	260.	56.8	0.15	2.40	1.00	2.52	77.	10.1	285.9	2.0
12	01	01	1	05	-20.0	0.206	-9.000	-9.000	-999.	225.	46.8	0.15	2.40	1.00	2.30	80.	10.1	285.4	2.0
12	01	01	1	06	-14.4	0.171	-9.000	-9.000	-999.	170.	32.1	0.15	2.40	1.00	1.93	79.	10.1	287.0	2.0
12	01	01	1	07	-14.9	0.174	-9.000	-9.000	-999.	174.	33.2	0.15	2.40						

```
1.00    1.96   77.   10.1  284.2    2.0
 12 01 01   1 08  -11.9  0.169 -9.000 -9.000 -999.  167.     36.1  0.15   2.40
0.53    1.89   77.   10.1  288.1    2.0
 12 01 01   1 09   40.4  0.234  0.359  0.006   40.  272.    -28.1  0.15   2.40
0.31    2.10   81.   10.1  289.2    2.0
 12 01 01   1 10  112.6  0.246  0.742  0.005  129.  293.    -11.8  0.15   2.40
0.24    1.99  101.   10.1  296.4    2.0
 12 01 01   1 11  161.0  0.402  1.188  0.005  369.  611.    -35.6  0.15   2.40
0.21    3.68   78.   10.1  298.8    2.0
 12 01 01   1 12  184.7  0.337  1.516  0.005  668.  473.    -18.4  0.15   2.40
0.20    2.89   68.   10.1  300.4    2.0
 12 01 01   1 13  183.9  0.310  1.809  0.005 1139.  414.    -14.2  0.15   2.40
0.20    2.57   64.   10.1  302.5    2.0
 12 01 01   1 14  156.6  0.374  1.852  0.005 1434.  549.    -29.5  0.15   2.40
0.22    3.37   63.   10.1  303.1    2.0
 12 01 01   1 15  104.3  0.382  1.658  0.005 1546.  567.    -47.2  0.15   2.40
0.25    3.59   62.   10.1  302.5    2.0
 12 01 01   1 16   31.8  0.374  1.123  0.005 1573.  550.   -145.8  0.15   2.40
0.34    3.76   69.   10.1  300.9    2.0
 12 01 01   1 17  -23.3  0.276 -9.000 -9.000 -999.  354.     84.0  0.15   2.40
0.62    3.03   59.   10.1  297.5    2.0
 12 01 01   1 18  -21.5  0.229 -9.000 -9.000 -999.  264.     57.8  0.15   2.40
1.00    2.54   54.   10.1  295.4    2.0
 12 01 01   1 19  -19.3  0.204 -9.000 -9.000 -999.  221.     45.6  0.15   2.40
1.00    2.27   79.   10.1  292.0    2.0
 12 01 01   1 20  -20.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.15   2.40
1.00    2.42   79.   10.1  292.5    2.0
 12 01 01   1 21  -19.7  0.206 -9.000 -9.000 -999.  225.     46.9  0.15   2.40
1.00    2.30   95.   10.1  290.9    2.0
 12 01 01   1 22  -17.6  0.190 -9.000 -9.000 -999.  199.     39.8  0.15   2.40
1.00    2.13   78.   10.1  290.4    2.0
 12 01 01   1 23  -20.3  0.211 -9.000 -9.000 -999.  233.     49.0  0.15   2.40
1.00    2.35   52.   10.1  289.2    2.0
 12 01 01   1 24  -16.4  0.183 -9.000 -9.000 -999.  189.     37.0  0.15   2.40
1.00    2.06   75.   10.1  288.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1   55.    2.93   288.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

                                   PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B1IDLE ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439259.97	3749072.65	2.86789	439277.61	3749070.69	2.89983
439298.40	3749082.06	2.79050	439312.13	3749091.08	2.70477
439321.93	3749098.54	2.63499	439240.72	3749074.67	2.82780
439217.60	3749084.06	2.70184	439205.31	3749089.84	2.62854
439192.07	3749096.35	2.54893	439179.54	3749103.09	2.47080
439169.91	3749108.15	2.41329	439157.14	3749113.69	2.34767
439137.63	3749079.00	2.58246	439113.31	3749079.24	2.52092
439099.82	3749078.76	2.48664	439085.37	3749079.00	2.44409
439071.88	3749078.76	2.40984	439045.63	3749077.56	2.35056
438992.40	3749075.39	2.20533	438978.19	3749072.74	2.17544
438963.01	3749071.06	2.13635	438947.12	3749069.13	2.09438
438932.42	3749067.44	2.05469	438917.49	3749065.27	2.01633
438902.80	3749063.11	1.97694	438888.11	3749060.22	1.93770
438870.76	3749057.57	1.89029	438854.87	3749058.05	1.83958
438838.01	3749060.22	1.78500	438779.48		

3749017.83 1.74635
438784.54 3749046.01 1.68696 438762.86
3749004.58 1.72993
438815.85 3749066.24 1.70718 439042.50
3748895.54 4.11621
439038.53 3748865.79 4.55917 438999.14
3748811.38 4.90804
438921.22 3748750.74 4.28510 438794.05
3748719.90 2.55995
438730.91 3748880.70 1.79314 438748.55
3748863.05 1.90679
438764.63 3748843.83 2.03147 438785.55
3748816.73 2.19761
438805.14 3748787.97 2.41421 438803.16
3748750.85 2.52562
438788.42 3748703.24 2.57272 438780.49
3748674.05 2.59924
438768.87 3748645.43 2.58816 438751.58
3748620.50 2.51328
438730.33 3748595.84 2.40868 438712.19
3748572.04 2.32131
438693.49 3748548.80 2.22769 438676.77
3748525.00 2.15349
438655.80 3748497.80 2.06322 438639.08
3748475.69 1.99515
438619.53 3748452.46 1.91420 438600.26
3748429.79 1.83784
438580.71 3748404.57 1.76043 438561.44
3748384.17 1.68908
438540.75 3748363.76 1.61675 438520.92
3748341.09 1.55094
438499.95 3748320.41 1.48292 438735.66
3748992.65 1.68621
438675.26 3748985.08 1.46855 439331.05
3749107.64 2.55351
439341.93 3749117.09 2.47044 439353.60
3749127.33 2.38042
439366.09 3749137.37 2.29499 439375.72
3749143.92 2.23968
439388.41 3749153.54 2.16012 439400.49
3749162.14 2.09188
439413.60 3749169.92 2.03183 439425.68
3749178.11 1.97353
439449.64 3749192.86 1.87484 439473.05
3749214.38 1.75556
439800.83 3749040.52 1.86333 439873.79
3748887.43 2.40027
439887.64 3748802.52 3.07007 440077.78
3748740.21 2.69247
440019.17 3748682.06 3.37582 439929.64

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3748601.76        6.12202
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:16:38

                                   PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B1IDLE   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         439955.02    3748605.92        5.66136                         439983.17
3748614.22        5.39667
         440006.24    3748617.45        5.21941                         440071.32
3748624.38        4.55370
         440087.93    3748639.61        3.91151                         440117.00
3748766.98        2.53643
         439940.25    3748575.00        6.15889                         439996.09
3748506.23        5.11334
         440023.32    3748475.77        4.63923                         440043.16
3748463.78        4.16949
         440054.70    3748448.55        3.85397                         440063.47
3748429.62        3.54370
         440072.29    3748414.84        3.24302                         440083.83
3748396.38        2.92114
         440096.29    3748378.84        2.59685                         440105.06
3748361.76        2.35666
         440106.91    3748342.84        2.19079                         440120.75
3748318.84        1.83482
         440122.71    3748286.94        1.56015                         440117.33
3748252.65        1.32430
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         440121.30    3748218.07        1.08234                      440128.10
3748298.00        1.60925
         440266.27    3748117.44        0.72892                      440165.45
3747898.52        0.36982
         440191.34    3747915.00        0.38883                      440206.64
3747939.32        0.40238
         440247.44    3747944.82        0.41597                      440266.66
3747950.70        0.42643
         440283.14    3747959.73        0.43820                      440300.01
3747969.14        0.44658
         440321.20    3747989.15        0.47233                      440293.34
3748093.90        0.71287
         440300.01    3748071.14        0.62303                      440307.86
3748048.39        0.56575
         440314.13    3748028.38        0.52581                      440320.02
3748006.80        0.48693
         440335.28    3747569.25        0.19304                      440507.19
3748971.21        0.94593
         439956.03    3749044.31        1.46894                      439952.87
3748770.03        2.99943
         438863.85    3748859.31        2.86480

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

                                   PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B1ON     ***
                                  INCLUDING SOURCE(S):     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    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - -
         439259.97    3749072.65        3.09980                      439277.61
3749070.69        3.18560
         439298.40    3749082.06        3.12356                      439312.13
3749091.08        3.06214
         439321.93    3749098.54        3.00501                      439240.72
3749074.67        3.00576
         439217.60    3749084.06        2.82200                      439205.31
3749089.84        2.72310
         439192.07    3749096.35        2.61963                      439179.54
3749103.09        2.52222
         439169.91    3749108.15        2.45167                      439157.14
3749113.69        2.37034
         439137.63    3749079.00        2.55207                      439113.31
3749079.24        2.45900
         439099.82    3749078.76        2.40890                      439085.37
3749079.00        2.35217
         439071.88    3749078.76        2.30560                      439045.63
3749077.56        2.22479
         438992.40    3749075.39        2.05086                      438978.19
3749072.74        2.01361
         438963.01    3749071.06        1.96926                      438947.12
3749069.13        1.92297
         438932.42    3749067.44        1.88041                      438917.49
3749065.27        1.83949
         438902.80    3749063.11        1.79868                      438888.11
3749060.22        1.75854
         438870.76    3749057.57        1.71132                      438854.87
3749058.05        1.66359
         438838.01    3749060.22        1.61323                      438779.48
3749017.83        1.55454
         438784.54    3749046.01        1.51324                      438762.86
3749004.58        1.53488
         438815.85    3749066.24        1.54342                      439042.50
3748895.54        3.46881
         439038.53    3748865.79        3.73223                      438999.14
3748811.38        3.85806
         438921.22    3748750.74        3.36310                      438794.05
3748719.90        2.09711
         438730.91    3748880.70        1.55359                      438748.55
3748863.05        1.64014
         438764.63    3748843.83        1.73383                      438785.55
3748816.73        1.84998
         438805.14    3748787.97        2.00628                      438803.16
3748750.85        2.07884
         438788.42    3748703.24        2.10410                      438780.49
3748674.05        2.11778
         438768.87    3748645.43        2.10535                      438751.58
3748620.50        2.04738
         438730.33    3748595.84        1.96909                      438712.19
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3748572.04        1.90227
         438693.49    3748548.80        1.83049                          438676.77
3748525.00        1.77475
         438655.80    3748497.80        1.70867                          438639.08
3748475.69        1.65936
         438619.53    3748452.46        1.59993                          438600.26
3748429.79        1.54370
         438580.71    3748404.57        1.48563                          438561.44
3748384.17        1.43219
         438540.75    3748363.76        1.37765                          438520.92
3748341.09        1.32777
         438499.95    3748320.41        1.27529                          438735.66
3748992.65        1.49140
         438675.26    3748985.08        1.30842                          439331.05
3749107.64        2.92915
         439341.93    3749117.09        2.85224                          439353.60
3749127.33        2.76403
         439366.09    3749137.37        2.67973                          439375.72
3749143.92        2.62615
         439388.41    3749153.54        2.54360                          439400.49
3749162.14        2.47258
         439413.60    3749169.92        2.41238                          439425.68
3749178.11        2.35114
         439449.64    3749192.86        2.24842                          439473.05
3749214.38        2.11050
         439800.83    3749040.52        2.59655                          439873.79
3748887.43        3.67068
         439887.64    3748802.52        4.86309                          440077.78
3748740.21        4.20676
         440019.17    3748682.06        5.22780                          439929.64
3748601.76        6.73940
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***         13:16:38

                                   PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B1ON     ***
                                   INCLUDING SOURCE(S):     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    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439955.02	3748605.92	6.26447	439983.17	3748614.22	5.99695
440006.24	3748617.45	5.78938	440071.32	3748624.38	5.40226
440087.93	3748639.61	5.14922	440117.00	3748766.98	3.63967
439940.25	3748575.00	6.49553	439996.09	3748506.23	4.95660
440023.32	3748475.77	4.37911	440043.16	3748463.78	3.90963
440054.70	3748448.55	3.58126	440063.47	3748429.62	3.25727
440072.29	3748414.84	2.96600	440083.83	3748396.38	2.65749
440096.29	3748378.84	2.36066	440105.06	3748361.76	2.13816
440106.91	3748342.84	1.97492	440120.75	3748318.84	1.66724
440122.71	3748286.94	1.41933	440117.33	3748252.65	1.20846
440121.30	3748218.07	0.99996	440128.10	3748298.00	1.46960
440266.27	3748117.44	0.67829	440165.45	3747898.52	0.34394
440191.34	3747915.00	0.36495	440206.64	3747939.32	0.38046
440247.44	3747944.82	0.39483	440266.66	3747950.70	0.40474
440283.14	3747959.73	0.41571	440300.01	3747969.14	0.42370
440321.20	3747989.15	0.44710	440293.34	3748093.90	0.65767
440300.01	3748071.14	0.58238	440307.86	3748048.39	0.53215
440314.13	3748028.38	0.49636	440320.02	3748006.80	0.46126
440335.28	3747569.25	0.17626	440507.19	3748971.21	1.17507
439956.03	3749044.31	1.95353	439952.87	3748770.03	4.47667

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2IDLE ***
INCLUDING SOURCE(S): L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439259.97	3749072.65	3.26275	439277.61	3749070.69	3.42188
439298.40	3749082.06	3.48150	439312.13	3749091.08	3.50054
439321.93	3749098.54	3.49889	439240.72	3749074.67	3.09928
439217.60	3749084.06	2.86364	439205.31	3749089.84	2.74422
439192.07	3749096.35	2.62251	439179.54	3749103.09	2.51172
439169.91	3749108.15	2.43208	439157.14	3749113.69	2.33812
439137.63	3749079.00	2.40607	439113.31	3749079.24	2.28049
439099.82	3749078.76	2.21469	439085.37	3749079.00	2.14515
439071.88	3749078.76	2.08659	439045.63	3749077.56	1.98377
438992.40	3749075.39	1.78671	438978.19	3749072.74	1.74268
438963.01	3749071.06	1.69477	438947.12	3749069.13	1.64630
438932.42	3749067.44	1.60298	438917.49		

3749065.27 1.56142
438902.80 3749063.11 1.52145 438888.11
3749060.22 1.48294
438870.76 3749057.57 1.43883 438854.87
3749058.05 1.39725
438838.01 3749060.22 1.35425 438779.48
3749017.83 1.27086
438784.54 3749046.01 1.25398 438762.86
3749004.58 1.24773
438815.85 3749066.24 1.29725 439042.50
3748895.54 2.50772
439038.53 3748865.79 2.56599 438999.14
3748811.38 2.58781
438921.22 3748750.74 2.27755 438794.05
3748719.90 1.48745
438730.91 3748880.70 1.22203 438748.55
3748863.05 1.27366
438764.63 3748843.83 1.32770 438785.55
3748816.73 1.38345
438805.14 3748787.97 1.46538 438803.16
3748750.85 1.49003
438788.42 3748703.24 1.48612 438780.49
3748674.05 1.48246
438768.87 3748645.43 1.46592 438751.58
3748620.50 1.42603
438730.33 3748595.84 1.37699 438712.19
3748572.04 1.33298
438693.49 3748548.80 1.28583 438676.77
3748525.00 1.25010
438655.80 3748497.80 1.21079 438639.08
3748475.69 1.18228
438619.53 3748452.46 1.14761 438600.26
3748429.79 1.11486
438580.71 3748404.57 1.07950 438561.44
3748384.17 1.04803
438540.75 3748363.76 1.01579 438520.92
3748341.09 0.98575
438499.95 3748320.41 0.95348 438735.66
3748992.65 1.20462
438675.26 3748985.08 1.07714 439331.05
3749107.64 3.47192
439341.93 3749117.09 3.44775 439353.60
3749127.33 3.40756
439366.09 3749137.37 3.36901 439375.72
3749143.92 3.34863
439388.41 3749153.54 3.30030 439400.49
3749162.14 3.25893
439413.60 3749169.92 3.23304 439425.68
3749178.11 3.19804
439449.64 3749192.86 3.14644 439473.05

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B2IDLE   ***
                                  INCLUDING SOURCE(S):   L0000027   , L0000028
 , L0000029   , L0000030   , L0000031   ,
                 L0000032   , L0000033   , L0000034   , L0000035   , L0000036
 , L0000037   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         439955.02   3748605.92   5.33300   439983.17
3748614.22   5.66832
         440006.24   3748617.45   5.70963   440071.32
3748624.38   5.87052
         440087.93   3748639.61   7.45026   440117.00
3748766.98   8.38196
         439940.25   3748575.00   3.98958   439996.09
3748506.23   2.27569
         440023.32   3748475.77   1.89051   440043.16
3748463.78   1.72584
         440054.70   3748448.55   1.57588   440063.47
3748429.62   1.42256
         440072.29   3748414.84   1.31168   440083.83
3748396.38   1.19432
         440096.29   3748378.84   1.09377   440105.06
3748361.76   1.01188
         440106.91   3748342.84   0.93789   440120.75
3748318.84   0.84303

```
         440122.71    3748286.94        0.74538                      440117.33
3748252.65        0.65477
         440121.30    3748218.07        0.57310                      440128.10
3748298.00        0.77481
         440266.27    3748117.44        0.43722                      440165.45
3747898.52        0.24090
         440191.34    3747915.00        0.24844                      440206.64
3747939.32        0.25695
         440247.44    3747944.82        0.26527                      440266.66
3747950.70        0.27231
         440283.14    3747959.73        0.28146                      440300.01
3747969.14        0.29103
         440321.20    3747989.15        0.31134                      440293.34
3748093.90        0.41550
         440300.01    3748071.14        0.38768                      440307.86
3748048.39        0.36390
         440314.13    3748028.38        0.34471                      440320.02
3748006.80        0.32497
         440335.28    3747569.25        0.13962                      440507.19
3748971.21        1.97684
         439956.03    3749044.31        4.18353                      439952.87
3748770.03       13.78632
         438863.85    3748859.31        1.70310

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

                                   PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B2ON     ***
                                  INCLUDING SOURCE(S):     L0000220    , L0000221
 , L0000222    , L0000223    , L0000224    ,
                 L0000225    , L0000226    , L0000227    , L0000228    , L0000229
 , L0000230    , L0000231    , L0000232    ,
                 L0000233    , L0000234    , L0000235    , L0000236    , L0000237
 , L0000238    , L0000239    , L0000240    ,
                 L0000241    , L0000242    , L0000243    , L0000244    , L0000245
 , L0000246    , L0000247    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
```

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Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         439259.97    3749072.65        3.40994                      439277.61
3749070.69        3.55751
         439298.40    3749082.06        3.56467                      439312.13
3749091.08        3.54446
         439321.93    3749098.54        3.51290                      439240.72
3749074.67        3.25492
         439217.60    3749084.06        3.00970                      439205.31
3749089.84        2.88361
         439192.07    3749096.35        2.75454                      439179.54
3749103.09        2.63628
         439169.91    3749108.15        2.55138                      439157.14
3749113.69        2.45230
         439137.63    3749079.00        2.56945                      439113.31
3749079.24        2.44131
         439099.82    3749078.76        2.37350                      439085.37
3749079.00        2.30076
         439071.88    3749078.76        2.24015                      439045.63
3749077.56        2.13444
         438992.40    3749075.39        1.92565                      438978.19
3749072.74        1.87940
         438963.01    3749071.06        1.82815                      438947.12
3749069.13        1.77594
         438932.42    3749067.44        1.72905                      438917.49
3749065.27        1.68412
         438902.80    3749063.11        1.64054                      438888.11
3749060.22        1.59828
         438870.76    3749057.57        1.54982                      438854.87
3749058.05        1.50378
         438838.01    3749060.22        1.45625                      438779.48
3749017.83        1.37177
         438784.54    3749046.01        1.34943                      438762.86
3749004.58        1.34746
         438815.85    3749066.24        1.39279                      439042.50
3748895.54        2.87995
         439038.53    3748865.79        2.98384                      438999.14
3748811.38        2.92962
         438921.22    3748750.74        2.52212                      438794.05
3748719.90        1.63688
         438730.91    3748880.70        1.31724                      438748.55
3748863.05        1.37718
         438764.63    3748843.83        1.44056                      438785.55
3748816.73        1.50662
         438805.14    3748787.97        1.60470                      438803.16
3748750.85        1.63714
         438788.42    3748703.24        1.63673                      438780.49
3748674.05        1.63485
         438768.87    3748645.43        1.61744                      438751.58
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3748620.50        1.57181
         438730.33    3748595.84        1.51521                      438712.19
3748572.04        1.46459
         438693.49    3748548.80        1.41036                      438676.77
3748525.00        1.36947
         438655.80    3748497.80        1.32430                      438639.08
3748475.69        1.29158
         438619.53    3748452.46        1.25176                      438600.26
3748429.79        1.21421
         438580.71    3748404.57        1.17378                      438561.44
3748384.17        1.13776
         438540.75    3748363.76        1.10094                      438520.92
3748341.09        1.06677
         438499.95    3748320.41        1.03005                      438735.66
3748992.65        1.30159
         438675.26    3748985.08        1.15259                      439331.05
3749107.64        3.45556
         439341.93    3749117.09        3.39898                      439353.60
3749127.33        3.32624
         439366.09    3749137.37        3.25656                      439375.72
3749143.92        3.21453
         439388.41    3749153.54        3.14007                      439400.49
3749162.14        3.07625
         439413.60    3749169.92        3.02734                      439425.68
3749178.11        2.97296
         439449.64    3749192.86        2.88591                      439473.05
3749214.38        2.74107
         439800.83    3749040.52        4.62334                      439873.79
3748887.43        7.88893
         439887.64    3748802.52       12.01805                      440077.78
3748740.21        8.79896
         440019.17    3748682.06       11.21816                      439929.64
3748601.76        7.37234
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

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

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B2ON     ***
                                  INCLUDING SOURCE(S):     L0000220    , L0000221
 , L0000222    , L0000223    , L0000224    ,
                 L0000225    , L0000226    , L0000227    , L0000228    , L0000229
 , L0000230    , L0000231    , L0000232    ,
                 L0000233    , L0000234    , L0000235    , L0000236    , L0000237
 , L0000238    , L0000239    , L0000240    ,
                 L0000241    , L0000242    , L0000243    , L0000244    , L0000245
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, L0000246 , L0000247 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439955.02	3748605.92	7.17802	439983.17	3748614.22	7.17836
440006.24	3748617.45	6.99884	440071.32	3748624.38	6.91000
440087.93	3748639.61	8.12773	440117.00	3748766.98	6.58382
439940.25	3748575.00	5.73992	439996.09	3748506.23	3.10657
440023.32	3748475.77	2.53253	440043.16	3748463.78	2.25937
440054.70	3748448.55	2.03308	440063.47	3748429.62	1.80835
440072.29	3748414.84	1.64403	440083.83	3748396.38	1.47522
440096.29	3748378.84	1.33186	440105.06	3748361.76	1.21892
440106.91	3748342.84	1.12106	440120.75	3748318.84	0.99260
440122.71	3748286.94	0.86857	440117.33	3748252.65	0.76074
440121.30	3748218.07	0.66531	440128.10	3748298.00	0.90392
440266.27	3748117.44	0.48722	440165.45	3747898.52	0.26269
440191.34	3747915.00	0.27698	440206.64	3747939.32	0.29228
440247.44	3747944.82	0.30460	440266.66	3747950.70	0.31242
440283.14	3747959.73	0.32163	440300.01	3747969.14	0.33018
440321.20	3747989.15	0.34812	440293.34	3748093.90	0.46205
440300.01	3748071.14	0.42965	440307.86	3748048.39	0.40323
440314.13	3748028.38	0.38251	440320.02	3748006.80	0.36164
440335.28	3747569.25	0.14508	440507.19	3748971.21	1.65396

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B3IDLE   ***
                                  INCLUDING SOURCE(S):   L0000038   , L0000039
 , L0000040   , L0000041   , L0000042   ,
                 L0000043   , L0000044   , L0000045   , L0000046   , L0000047
 , L0000048   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         439259.97   3749072.65   2.77964   439277.61
3749070.69   2.90922
         439298.40   3749082.06   2.97311   439312.13
3749091.08   3.00182
         439321.93   3749098.54   3.01167   439240.72
3749074.67   2.64676
         439217.60   3749084.06   2.46002   439205.31
3749089.84   2.36519
         439192.07   3749096.35   2.26818   439179.54
3749103.09   2.17963
         439169.91   3749108.15   2.11567   439157.14
3749113.69   2.03957
         439137.63   3749079.00   2.08175   439113.31
3749079.24   1.97872
         439099.82   3749078.76   1.92470   439085.37
3749079.00   1.86770
         439071.88   3749078.76   1.81940   439045.63
3749077.56   1.73415
         438992.40   3749075.39   1.57112   438978.19
3749072.74   1.53439
         438963.01   3749071.06   1.49455   438947.12

3749069.13 1.45422
438932.42 3749067.44 1.41813 438917.49
3749065.27 1.38344
438902.80 3749063.11 1.35006 438888.11
3749060.22 1.31790
438870.76 3749057.57 1.28099 438854.87
3749058.05 1.24621
438838.01 3749060.22 1.21013 438779.48
3749017.83 1.13829
438784.54 3749046.01 1.12481 438762.86
3749004.58 1.11851
438815.85 3749066.24 1.16227 439042.50
3748895.54 2.12405
439038.53 3748865.79 2.16439 438999.14
3748811.38 2.21779
438921.22 3748750.74 1.97598 438794.05
3748719.90 1.31835
438730.91 3748880.70 1.09770 438748.55
3748863.05 1.14094
438764.63 3748843.83 1.18596 438785.55
3748816.73 1.23241
438805.14 3748787.97 1.30004 438803.16
3748750.85 1.32033
438788.42 3748703.24 1.31740 438780.49
3748674.05 1.31478
438768.87 3748645.43 1.30168 438751.58
3748620.50 1.26925
438730.33 3748595.84 1.22912 438712.19
3748572.04 1.19305
438693.49 3748548.80 1.15417 438676.77
3748525.00 1.12480
438655.80 3748497.80 1.09241 438639.08
3748475.69 1.06893
438619.53 3748452.46 1.04012 438600.26
3748429.79 1.01281
438580.71 3748404.57 0.98326 438561.44
3748384.17 0.95671
438540.75 3748363.76 0.92936 438520.92
3748341.09 0.90391
438499.95 3748320.41 0.87631 438735.66
3748992.65 1.08170
438675.26 3748985.08 0.97476 439331.05
3749107.64 3.00252
439341.93 3749117.09 2.99717 439353.60
3749127.33 2.98026
439366.09 3749137.37 2.96500 439375.72
3749143.92 2.96003
439388.41 3749153.54 2.93625 439400.49
3749162.14 2.91675
439413.60 3749169.92 2.91050 439425.68

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B3IDLE ***
INCLUDING SOURCE(S): L0000038 , L0000039
, L0000040 , L0000041 , L0000042 ,
L0000043 , L0000044 , L0000045 , L0000046 , L0000047
, L0000048 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439955.02	3748605.92	5.58599	439983.17	3748614.22	6.06379
440006.24	3748617.45	6.19097	440071.32	3748624.38	6.42968
440087.93	3748639.61	8.25103	440117.00	3748766.98	9.99032
439940.25	3748575.00	4.04739	439996.09	3748506.23	2.28861
440023.32	3748475.77	1.89629	440043.16	3748463.78	1.73529
440054.70	3748448.55	1.58372	440063.47	3748429.62	1.42711
440072.29	3748414.84	1.31480	440083.83	3748396.38	1.19557
440096.29	3748378.84	1.09392	440105.06	3748361.76	1.00994

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         440106.91    3748342.84        0.93131                      440120.75
3748318.84        0.83428
         440122.71    3748286.94        0.72952                      440117.33
3748252.65        0.63335
         440121.30    3748218.07        0.55165                      440128.10
3748298.00        0.76282
         440266.27    3748117.44        0.42521                      440165.45
3747898.52        0.24709
         440191.34    3747915.00        0.25362                      440206.64
3747939.32        0.26026
         440247.44    3747944.82        0.26355                      440266.66
3747950.70        0.26765
         440283.14    3747959.73        0.27398                      440300.01
3747969.14        0.28099
         440321.20    3747989.15        0.29912                      440293.34
3748093.90        0.40527
         440300.01    3748071.14        0.37599                      440307.86
3748048.39        0.35142
         440314.13    3748028.38        0.33186                      440320.02
3748006.80        0.31200
         440335.28    3747569.25        0.14282                      440507.19
3748971.21        2.10072
         439956.03    3749044.31        4.95606                      439952.87
3748770.03       20.31541
         438863.85    3748859.31        1.49712

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***         13:16:38

                                   PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B3ON     ***
                                  INCLUDING SOURCE(S):     L0000267    , L0000268
 , L0000269    , L0000270    , L0000271    ,
                  L0000272    , L0000273    , L0000274    , L0000275    , L0000276
 , L0000277    , L0000278    , L0000279    ,
                  L0000280    , L0000281    , L0000282    , L0000283    , L0000284
 , L0000285    , L0000286    , L0000287    ,
                  L0000288    , L0000289    , L0000290    , L0000291    , L0000292
 , L0000293    , L0000294    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439259.97	3749072.65	3.29405	439277.61	3749070.69	3.43462
439298.40	3749082.06	3.44283	439312.13	3749091.08	3.42487
439321.93	3749098.54	3.39591	439240.72	3749074.67	3.14633
439217.60	3749084.06	2.91283	439205.31	3749089.84	2.79263
439192.07	3749096.35	2.66950	439179.54	3749103.09	2.55659
439169.91	3749108.15	2.47546	439157.14	3749113.69	2.38068
439137.63	3749079.00	2.49181	439113.31	3749079.24	2.36918
439099.82	3749078.76	2.30424	439085.37	3749079.00	2.23456
439071.88	3749078.76	2.17648	439045.63	3749077.56	2.07509
438992.40	3749075.39	1.87463	438978.19	3749072.74	1.83017
438963.01	3749071.06	1.78090	438947.12	3749069.13	1.73067
438932.42	3749067.44	1.68555	438917.49	3749065.27	1.64229
438902.80	3749063.11	1.60031	438888.11	3749060.22	1.55959
438870.76	3749057.57	1.51288	438854.87	3749058.05	1.46847
438838.01	3749060.22	1.42261	438779.48	3749017.83	1.34105
438784.54	3749046.01	1.31945	438762.86	3749004.58	1.31756
438815.85	3749066.24	1.36134	439042.50	3748895.54	2.78797
439038.53	3748865.79	2.88763	438999.14	3748811.38	2.83371
438921.22	3748750.74	2.44337	438794.05	3748719.90	1.59793
438730.91	3748880.70	1.28853	438748.55	3748863.05	1.34652
438764.63	3748843.83	1.40779	438785.55	3748816.73	1.47164
438805.14	3748787.97	1.56639	438803.16	3748750.85	1.59792
438788.42	3748703.24	1.59795	438780.49		

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3748674.05        1.59647
         438768.87    3748645.43        1.58003                        438751.58
3748620.50        1.53627
         438730.33    3748595.84        1.48188                        438712.19
3748572.04        1.43321
         438693.49    3748548.80        1.38098                        438676.77
3748525.00        1.34167
         438655.80    3748497.80        1.29822                        438639.08
3748475.69        1.26676
         438619.53    3748452.46        1.22837                        438600.26
3748429.79        1.19215
         438580.71    3748404.57        1.15311                        438561.44
3748384.17        1.11826
         438540.75    3748363.76        1.08260                        438520.92
3748341.09        1.04950
         438499.95    3748320.41        1.01385                        438735.66
3748992.65        1.27324
         438675.26    3748985.08        1.12903                        439331.05
3749107.64        3.34259
         439341.93    3749117.09        3.29016                        439353.60
3749127.33        3.22250
         439366.09    3749137.37        3.15781                        439375.72
3749143.92        3.11901
         439388.41    3749153.54        3.04971                        439400.49
3749162.14        2.99044
         439413.60    3749169.92        2.94547                        439425.68
3749178.11        2.89520
         439449.64    3749192.86        2.81539                        439473.05
3749214.38        2.68008
         439800.83    3749040.52        4.68929                        439873.79
3748887.43        8.25204
         439887.64    3748802.52       13.00740                        440077.78
3748740.21        9.13255
         440019.17    3748682.06       11.92268                        439929.64
3748601.76        7.82113
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38

                                  PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B3ON     ***
                                  INCLUDING SOURCE(S):     L0000267    , L0000268
 , L0000269    , L0000270    , L0000271    ,
                 L0000272    , L0000273    , L0000274    , L0000275    , L0000276
 , L0000277    , L0000278    , L0000279    ,
                 L0000280    , L0000281    , L0000282    , L0000283    , L0000284
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 , L0000285    , L0000286    , L0000287    ,
                 L0000288    , L0000289    , L0000290    , L0000291    , L0000292
 , L0000293    , L0000294    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         439955.02    3748605.92        7.61753                       439983.17
3748614.22        7.61766
         440006.24    3748617.45        7.41073                       440071.32
3748624.38        7.23168
         440087.93    3748639.61        8.49240                       440117.00
3748766.98        6.69428
         439940.25    3748575.00        6.01449                       439996.09
3748506.23        3.19796
         440023.32    3748475.77        2.59450                       440043.16
3748463.78        2.31345
         440054.70    3748448.55        2.07887                       440063.47
3748429.62        1.84603
         440072.29    3748414.84        1.67672                       440083.83
3748396.38        1.50282
         440096.29    3748378.84        1.35558                       440105.06
3748361.76        1.23946
         440106.91    3748342.84        1.13853                       440120.75
3748318.84        1.00701
         440122.71    3748286.94        0.87945                       440117.33
3748252.65        0.76847
         440121.30    3748218.07        0.67081                       440128.10
3748298.00        0.91605
         440266.27    3748117.44        0.49108                       440165.45
3747898.52        0.26512
         440191.34    3747915.00        0.27910                       440206.64
3747939.32        0.29405
         440247.44    3747944.82        0.30584                       440266.66
3747950.70        0.31349
         440283.14    3747959.73        0.32262                       440300.01
3747969.14        0.33120
         440321.20    3747989.15        0.34948                       440293.34
3748093.90        0.46559
         440300.01    3748071.14        0.43259                       440307.86
3748048.39        0.40565
         440314.13    3748028.38        0.38452                       440320.02
3748006.80        0.36325
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4IDLE ***
INCLUDING SOURCE(S): L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
440335.28	3747569.25	0.14628	440507.19	3748971.21	1.65181
439956.03	3749044.31	3.35319	439952.87	3748770.03	10.77003
438863.85	3748859.31	1.86499			
439259.97	3749072.65	2.25997	439277.61	3749070.69	2.33342
439298.40	3749082.06	2.33492	439312.13	3749091.08	2.32445
439321.93	3749098.54	2.30876	439240.72	3749074.67	2.18178
439217.60	3749084.06	2.05274	439205.31	3749089.84	1.98482
439192.07	3749096.35	1.91422	439179.54	3749103.09	1.84845
439169.91	3749108.15	1.80066	439157.14	3749113.69	1.74442
439137.63	3749079.00	1.82091	439113.31	3749079.24	1.75099
439099.82	3749078.76	1.71317	439085.37	3749079.00	1.67210
439071.88	3749078.76	1.63815	439045.63	3749077.56	1.57921
438992.40	3749075.39	1.45679	438978.19	3749072.74	1.42937

```
         438963.01    3749071.06        1.39833                    438947.12
3749069.13        1.36618
         438932.42    3749067.44        1.33697                    438917.49
3749065.27        1.30882
         438902.80    3749063.11        1.28102                    438888.11
3749060.22        1.25354
         438870.76    3749057.57        1.22189                    438854.87
3749058.05        1.19147
         438838.01    3749060.22        1.16001                    438779.48
3749017.83        1.10952
         438784.54    3749046.01        1.09148                    438762.86
3749004.58        1.09410
         438815.85    3749066.24        1.11719                    439042.50
3748895.54        2.08370
         439038.53    3748865.79        2.16902                    438999.14
3748811.38        2.13814
         438921.22    3748750.74        1.89349                    438794.05
3748719.90        1.30984
         438730.91    3748880.70        1.06986                    438748.55
3748863.05        1.11331
         438764.63    3748843.83        1.15928                    438785.55
3748816.73        1.20639
         438805.14    3748787.97        1.27746                    438803.16
3748750.85        1.30496
         438788.42    3748703.24        1.31287                    438780.49
3748674.05        1.31725
         438768.87    3748645.43        1.31109                    438751.58
3748620.50        1.28374
         438730.33    3748595.84        1.24791                    438712.19
3748572.04        1.21562
         438693.49    3748548.80        1.17988                    438676.77
3748525.00        1.15406
         438655.80    3748497.80        1.12524                    438639.08
3748475.69        1.10456
         438619.53    3748452.46        1.07800                    438600.26
3748429.79        1.05262
         438580.71    3748404.57        1.02492                    438561.44
3748384.17        0.99921
         438540.75    3748363.76        0.97230                    438520.92
3748341.09        0.94767
         438499.95    3748320.41        0.91988                    438735.66
3748992.65        1.06483
         438675.26    3748985.08        0.95137                    439331.05
3749107.64        2.28029
         439341.93    3749117.09        2.25247                    439353.60
3749127.33        2.21628
         439366.09    3749137.37        2.18199                    439375.72
3749143.92        2.16178
         439388.41    3749153.54        2.12504                    439400.49
3749162.14        2.09390
```

         439955.02   3748605.92   13.36922   439983.17
3748614.22   11.74985
         440006.24   3748617.45   10.80564   440071.32
3748624.38   9.89547
         440087.93   3748639.61   10.25930   440117.00
3748766.98   4.45507
         439940.25   3748575.00   13.70600   439996.09
3748506.23   7.29773
         440023.32   3748475.77   5.59622   440043.16
3748463.78   4.78871
         440054.70   3748448.55   4.16313   440063.47
3748429.62   3.56113
         440072.29   3748414.84   3.13061   440083.83
3748396.38   2.70188
         440096.29   3748378.84   2.35237   440105.06
3748361.76   2.08780

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         440106.91    3748342.84        1.86725                      440120.75
3748318.84        1.59073
         440122.71    3748286.94        1.34006                      440117.33
3748252.65        1.13739
         440121.30    3748218.07        0.96764                      440128.10
3748298.00        1.40938
         440266.27    3748117.44        0.65697                      440165.45
3747898.52        0.32217
         440191.34    3747915.00        0.34416                      440206.64
3747939.32        0.36830
         440247.44    3747944.82        0.38879                      440266.66
3747950.70        0.40047
         440283.14    3747959.73        0.41342                      440300.01
3747969.14        0.42468
         440321.20    3747989.15        0.44781                      440293.34
3748093.90        0.61734
         440300.01    3748071.14        0.56666                      440307.86
3748048.39        0.52686
         440314.13    3748028.38        0.49645                      440320.02
3748006.80        0.46647
         440335.28    3747569.25        0.16696                      440507.19
3748971.21        1.39342
         439956.03    3749044.31        2.61220                      439952.87
3748770.03        7.38432
         438863.85    3748859.31        1.51415

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38

                                   PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B4ON     ***
                                  INCLUDING SOURCE(S):     L0000317    , L0000318
 , L0000319    , L0000320    , L0000321    ,
                  L0000322    , L0000323    , L0000324    , L0000325    , L0000326
 , L0000327    , L0000328    , L0000329    ,
                  L0000330    , L0000331    , L0000332    , L0000333    , L0000334
 , L0000335    , L0000336    , L0000337    ,
                  L0000338    , L0000339    , L0000340    , L0000341    , L0000342
 , L0000343    , L0000344    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439259.97	3749072.65	3.27275	439277.61	3749070.69	3.40602
439298.40	3749082.06	3.39697	439312.13	3749091.08	3.36662
439321.93	3749098.54	3.32852	439240.72	3749074.67	3.13159
439217.60	3749084.06	2.90090	439205.31	3749089.84	2.78159
439192.07	3749096.35	2.65920	439179.54	3749103.09	2.54671
439169.91	3749108.15	2.46592	439157.14	3749113.69	2.37188
439137.63	3749079.00	2.49716	439113.31	3749079.24	2.37720
439099.82	3749078.76	2.31340	439085.37	3749079.00	2.24461
439071.88	3749078.76	2.18755	439045.63	3749077.56	2.08833
438992.40	3749075.39	1.88968	438978.19	3749072.74	1.84575
438963.01	3749071.06	1.79672	438947.12	3749069.13	1.74659
438932.42	3749067.44	1.70145	438917.49	3749065.27	1.65820
438902.80	3749063.11	1.61607	438888.11	3749060.22	1.57504
438870.76	3749057.57	1.52799	438854.87	3749058.05	1.48315
438838.01	3749060.22	1.43691	438779.48	3749017.83	1.35765
438784.54	3749046.01	1.33447	438762.86	3749004.58	1.33441
438815.85	3749066.24	1.37494	439042.50	3748895.54	2.85980
439038.53	3748865.79	2.97417	438999.14	3748811.38	2.90400
438921.22	3748750.74	2.48945	438794.05	3748719.90	1.62477
438730.91	3748880.70	1.30300	438748.55	3748863.05	1.36261
438764.63	3748843.83	1.42579	438785.55	3748816.73	1.49163
438805.14	3748787.97	1.58987	438803.16	3748750.85	1.62363
438788.42	3748703.24	1.62542	438780.49		

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3748674.05        1.62496
         438768.87    3748645.43        1.60902                        438751.58
3748620.50        1.56466
         438730.33    3748595.84        1.50924                        438712.19
3748572.04        1.45968
         438693.49    3748548.80        1.40643                        438676.77
3748525.00        1.36650
         438655.80    3748497.80        1.32232                        438639.08
3748475.69        1.29036
         438619.53    3748452.46        1.25126                        438600.26
3748429.79        1.21435
         438580.71    3748404.57        1.17457                        438561.44
3748384.17        1.13898
         438540.75    3748363.76        1.10253                        438520.92
3748341.09        1.06877
         438499.95    3748320.41        1.03230                        438735.66
3748992.65        1.29051
         438675.26    3748985.08        1.14064                        439331.05
3749107.64        3.26636
         439341.93    3749117.09        3.20429                        439353.60
3749127.33        3.12710
         439366.09    3749137.37        3.05318                        439375.72
3749143.92        3.00777
         439388.41    3749153.54        2.93087                        439400.49
3749162.14        2.86498
         439413.60    3749169.92        2.81278                        439425.68
3749178.11        2.75652
         439449.64    3749192.86        2.66510                        439473.05
3749214.38        2.52355
         439800.83    3749040.52        3.85176                        439873.79
3748887.43        6.10171
         439887.64    3748802.52        8.83047                        440077.78
3748740.21        7.39078
         440019.17    3748682.06       10.16463                        439929.64
3748601.76        9.81762
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B4ON     ***
                                  INCLUDING SOURCE(S):     L0000317    , L0000318
 , L0000319    , L0000320    , L0000321    ,
                 L0000322    , L0000323    , L0000324    , L0000325    , L0000326
 , L0000327    , L0000328    , L0000329    ,
                 L0000330    , L0000331    , L0000332    , L0000333    , L0000334
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 , L0000335    , L0000336    , L0000337    ,
                 L0000338    , L0000339    , L0000340    , L0000341    , L0000342
 , L0000343    , L0000344    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         439955.02    3748605.92        9.15363                       439983.17
3748614.22        8.67386
         440006.24    3748617.45        8.24581                       440071.32
3748624.38        7.90503
         440087.93    3748639.61        8.80723                       440117.00
3748766.98        5.61708
         439940.25    3748575.00        8.01683                       439996.09
3748506.23        4.19202
         440023.32    3748475.77        3.32746                       440043.16
3748463.78        2.90934
         440054.70    3748448.55        2.57886                       440063.47
3748429.62        2.25759
         440072.29    3748414.84        2.02437                       440083.83
3748396.38        1.78966
         440096.29    3748378.84        1.59356                       440105.06
3748361.76        1.44259
         440106.91    3748342.84        1.31515                       440120.75
3748318.84        1.14836
         440122.71    3748286.94        0.99342                       440117.33
3748252.65        0.86352
         440121.30    3748218.07        0.75021                       440128.10
3748298.00        1.03635
         440266.27    3748117.44        0.53419                       440165.45
3747898.52        0.27921
         440191.34    3747915.00        0.29665                       440206.64
3747939.32        0.31538
         440247.44    3747944.82        0.33102                       440266.66
3747950.70        0.34022
         440283.14    3747959.73        0.35056                       440300.01
3747969.14        0.35970
         440321.20    3747989.15        0.37827                       440293.34
3748093.90        0.50544
         440300.01    3748071.14        0.46823                       440307.86
3748048.39        0.43860
         440314.13    3748028.38        0.41567                       440320.02
3748006.80        0.39277
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B5IDLE ***
INCLUDING SOURCE(S): L0000063 , L0000064
, L0000065 , L0000066 , L0000067 ,
L0000068 , L0000069 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439259.97	3749072.65	2.02863	439277.61	3749070.69	2.09583
439298.40	3749082.06	2.10834	439312.13	3749091.08	2.10755
439321.93	3749098.54	2.10026	439240.72	3749074.67	1.95758
439217.60	3749084.06	1.84527	439205.31	3749089.84	1.78643
439192.07	3749096.35	1.72530	439179.54	3749103.09	1.66846
439169.91	3749108.15	1.62707	439157.14	3749113.69	1.57805
439137.63	3749079.00	1.63340	439113.31	3749079.24	1.57111
439099.82	3749078.76	1.53750	439085.37	3749079.00	1.50127
439071.88	3749078.76	1.47114	439045.63	3749077.56	1.41863
438992.40	3749075.39	1.31091	438978.19	3749072.74	1.28660

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         438963.01    3749071.06        1.25933                    438947.12
3749069.13        1.23116
         438932.42    3749067.44        1.20561                    438917.49
3749065.27        1.18097
         438902.80    3749063.11        1.15670                    438888.11
3749060.22        1.13274
         438870.76    3749057.57        1.10517                    438854.87
3749058.05        1.07883
         438838.01    3749060.22        1.05159                    438779.48
3749017.83        1.00549
         438784.54    3749046.01        0.99105                    438762.86
3749004.58        0.99167
         438815.85    3749066.24        1.01462                    439042.50
3748895.54        1.80638
         439038.53    3748865.79        1.86901                    438999.14
3748811.38        1.83617
         438921.22    3748750.74        1.63953                    438794.05
3748719.90        1.16885
         438730.91    3748880.70        0.96921                    438748.55
3748863.05        1.00597
         438764.63    3748843.83        1.04466                    438785.55
3748816.73        1.08373
         438805.14    3748787.97        1.14290                    438803.16
3748750.85        1.16522
         438788.42    3748703.24        1.17126                    438780.49
3748674.05        1.17464
         438768.87    3748645.43        1.16936                    438751.58
3748620.50        1.14646
         438730.33    3748595.84        1.11653                    438712.19
3748572.04        1.08944
         438693.49    3748548.80        1.05935                    438676.77
3748525.00        1.03773
         438655.80    3748497.80        1.01374                    438639.08
3748475.69        0.99660
         438619.53    3748452.46        0.97443                    438600.26
3748429.79        0.95322
         438580.71    3748404.57        0.92996                    438561.44
3748384.17        0.90830
         438540.75    3748363.76        0.88555                    438520.92
3748341.09        0.86475
         438499.95    3748320.41        0.84105                    438735.66
3748992.65        0.96582
         438675.26    3748985.08        0.86854                    439331.05
3749107.64        2.08208
         439341.93    3749117.09        2.06506                    439353.60
3749127.33        2.04095
         439366.09    3749137.37        2.01844                    439375.72
3749143.92        2.00609
         439388.41    3749153.54        1.98074                    439400.49
3749162.14        1.95963
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         440106.91    3748342.84        1.87632                      440120.75
3748318.84        1.59881
         440122.71    3748286.94        1.34657                      440117.33
3748252.65        1.14074
         440121.30    3748218.07        0.96589                      440128.10
3748298.00        1.41649
         440266.27    3748117.44        0.66047                      440165.45
3747898.52        0.32142
         440191.34    3747915.00        0.33638                      440206.64
3747939.32        0.35338
         440247.44    3747944.82        0.37193                      440266.66
3747950.70        0.38497
         440283.14    3747959.73        0.40044                      440300.01
3747969.14        0.41521
         440321.20    3747989.15        0.44452                      440293.34
3748093.90        0.62024
         440300.01    3748071.14        0.56935                      440307.86
3748048.39        0.52871
         440314.13    3748028.38        0.49711                      440320.02
3748006.80        0.46543
         440335.28    3747569.25        0.16984                      440507.19
3748971.21        1.47958
         439956.03    3749044.31        2.93055                      439952.87
3748770.03        9.40228
         438863.85    3748859.31        1.33794

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38

                                  PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B5ON     ***
                                  INCLUDING SOURCE(S):     L0000360    , L0000361
 , L0000362    , L0000363    , L0000364    ,
                 L0000365    , L0000366    , L0000367    , L0000368    , L0000369
 , L0000370    , L0000371    , L0000372    ,
                 L0000373    , L0000374    , L0000375    , L0000376    , L0000377
 , L0000378    , L0000379    , L0000380    ,
                 L0000381    , L0000382    , L0000383    , L0000384    , L0000385
 , L0000386    , L0000387    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439259.97	3749072.65	3.17715	439277.61	3749070.69	3.30572
439298.40	3749082.06	3.30033	439312.13	3749091.08	3.27381
439321.93	3749098.54	3.23927	439240.72	3749074.67	3.04106
439217.60	3749084.06	2.81976	439205.31	3749089.84	2.70527
439192.07	3749096.35	2.58776	439179.54	3749103.09	2.47971
439169.91	3749108.15	2.40205	439157.14	3749113.69	2.31154
439137.63	3749079.00	2.42959	439113.31	3749079.24	2.31394
439099.82	3749078.76	2.25240	439085.37	3749079.00	2.18609
439071.88	3749078.76	2.13104	439045.63	3749077.56	2.03524
438992.40	3749075.39	1.84347	438978.19	3749072.74	1.80099
438963.01	3749071.06	1.75362	438947.12	3749069.13	1.70517
438932.42	3749067.44	1.66155	438917.49	3749065.27	1.61973
438902.80	3749063.11	1.57900	438888.11	3749060.22	1.53932
438870.76	3749057.57	1.49381	438854.87	3749058.05	1.45045
438838.01	3749060.22	1.40571	438779.48	3749017.83	1.32863
438784.54	3749046.01	1.30634	438762.86	3749004.58	1.30607
438815.85	3749066.24	1.34574	439042.50	3748895.54	2.76924
439038.53	3748865.79	2.87781	438999.14	3748811.38	2.80251
438921.22	3748750.74	2.41139	438794.05	3748719.90	1.58655
438730.91	3748880.70	1.27571	438748.55	3748863.05	1.33335
438764.63	3748843.83	1.39440	438785.55	3748816.73	1.45789
438805.14	3748787.97	1.55269	438803.16	3748750.85	1.58532
438788.42	3748703.24	1.58729	438780.49		

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3748674.05        1.58705
         438768.87    3748645.43        1.57192                        438751.58
3748620.50        1.52931
         438730.33    3748595.84        1.47600                        438712.19
3748572.04        1.42828
         438693.49    3748548.80        1.37692                        438676.77
3748525.00        1.33848
         438655.80    3748497.80        1.29595                        438639.08
3748475.69        1.26520
         438619.53    3748452.46        1.22748                        438600.26
3748429.79        1.19185
         438580.71    3748404.57        1.15342                        438561.44
3748384.17        1.11898
         438540.75    3748363.76        1.08366                        438520.92
3748341.09        1.05097
         438499.95    3748320.41        1.01555                        438735.66
3748992.65        1.26346
         438675.26    3748985.08        1.11845                        439331.05
3749107.64        3.18175
         439341.93    3749117.09        3.12450                        439353.60
3749127.33        3.05275
         439366.09    3749137.37        2.98410                        439375.72
3749143.92        2.94215
         439388.41    3749153.54        2.87034                        439400.49
3749162.14        2.80887
         439413.60    3749169.92        2.76068                        439425.68
3749178.11        2.70836
         439449.64    3749192.86        2.62389                        439473.05
3749214.38        2.49029
         439800.83    3749040.52        3.93109                        439873.79
3748887.43        6.36550
         439887.64    3748802.52        9.39323                        440077.78
3748740.21        7.74807
         440019.17    3748682.06       11.08568                        439929.64
3748601.76       10.52379
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38

                                  PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: B5ON     ***
                                  INCLUDING SOURCE(S):     L0000360    , L0000361
 , L0000362    , L0000363    , L0000364    ,
                 L0000365    , L0000366    , L0000367    , L0000368    , L0000369
 , L0000370    , L0000371    , L0000372    ,
                 L0000373    , L0000374    , L0000375    , L0000376    , L0000377
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 , L0000378    , L0000379    , L0000380    ,
                 L0000381    , L0000382    , L0000383    , L0000384    , L0000385
 , L0000386    , L0000387    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         439955.02    3748605.92        9.81231                       439983.17
3748614.22        9.29225
         440006.24    3748617.45        8.79200                       440071.32
3748624.38        8.25819
         440087.93    3748639.61        9.24401                       440117.00
3748766.98        5.71444
         439940.25    3748575.00        8.39907                       439996.09
3748506.23        4.23015
         440023.32    3748475.77        3.33160                       440043.16
3748463.78        2.91528
         440054.70    3748448.55        2.58123                       440063.47
3748429.62        2.25699
         440072.29    3748414.84        2.02398                       440083.83
3748396.38        1.78952
         440096.29    3748378.84        1.59429                       440105.06
3748361.76        1.44365
         440106.91    3748342.84        1.31601                       440120.75
3748318.84        1.15010
         440122.71    3748286.94        0.99514                       440117.33
3748252.65        0.86454
         440121.30    3748218.07        0.75032                       440128.10
3748298.00        1.03828
         440266.27    3748117.44        0.53541                       440165.45
3747898.52        0.27956
         440191.34    3747915.00        0.29594                       440206.64
3747939.32        0.31362
         440247.44    3747944.82        0.32875                       440266.66
3747950.70        0.33806
         440283.14    3747959.73        0.34871                       440300.01
3747969.14        0.35836
         440321.20    3747989.15        0.37795                       440293.34
3748093.90        0.50636
         440300.01    3748071.14        0.46917                       440307.86
3748048.39        0.43934
         440314.13    3748028.38        0.41613                       440320.02
3748006.80        0.39288
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATHE ***
INCLUDING SOURCE(S): BREATHE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439259.97	3749072.65	15.15809	439277.61	3749070.69	16.49504
439298.40	3749082.06	15.92521	439312.13	3749091.08	15.17432
439321.93	3749098.54	14.44934	439240.72	3749074.67	13.76454
439217.60	3749084.06	11.64303	439205.31	3749089.84	10.64697
439192.07	3749096.35	9.69364	439179.54	3749103.09	8.87667
439169.91	3749108.15	8.32250	439157.14	3749113.69	7.70791
439137.63	3749079.00	8.36018	439113.31	3749079.24	7.52036
439099.82	3749078.76	7.10398	439085.37	3749079.00	6.67783
439071.88	3749078.76	6.33054	439045.63	3749077.56	5.74560
438992.40	3749075.39	4.73231	438978.19	3749072.74	4.52272
438963.01	3749071.06	4.30234	438947.12	3749069.13	4.08728
440335.28	3747569.25	0.15124	440507.19	3748971.21	1.52169
439956.03	3749044.31	2.92006	439952.87	3748770.03	8.59142
438863.85	3748859.31	1.85893			

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         438932.42    3749067.44        3.90117                    438917.49
3749065.27        3.72759
         438902.80    3749063.11        3.56608                    438888.11
3749060.22        3.41562
         438870.76    3749057.57        3.24780                    438854.87
3749058.05        3.09477
         438838.01    3749060.22        2.94079                    438779.48
3749017.83        2.63476
         438784.54    3749046.01        2.59009                    438762.86
3749004.58        2.55428
         438815.85    3749066.24        2.74510                    439042.50
3748895.54        8.39865
         439038.53    3748865.79        9.40296                    438999.14
3748811.38        8.45254
         438921.22    3748750.74        6.22581                    438794.05
3748719.90        3.01787
         438730.91    3748880.70        2.44489                    438748.55
3748863.05        2.59088
         438764.63    3748843.83        2.74228                    438785.55
3748816.73        2.89421
         438805.14    3748787.97        3.10811                    438803.16
3748750.85        3.10403
         438788.42    3748703.24        2.96890                    438780.49
3748674.05        2.87771
         438768.87    3748645.43        2.75472                    438751.58
3748620.50        2.59294
         438730.33    3748595.84        2.42271                    438712.19
3748572.04        2.27577
         438693.49    3748548.80        2.13305                    438676.77
3748525.00        2.01917
         438655.80    3748497.80        1.90046                    438639.08
3748475.69        1.81568
         438619.53    3748452.46        1.72390                    438600.26
3748429.79        1.64094
         438580.71    3748404.57        1.55451                    438561.44
3748384.17        1.48476
         438540.75    3748363.76        1.41728                    438520.92
3748341.09        1.35310
         438499.95    3748320.41        1.29068                    438735.66
3748992.65        2.40986
         438675.26    3748985.08        2.04874                    439331.05
3749107.64       13.52018
         439341.93    3749117.09       12.59846                    439353.60
3749127.33       11.60375
         439366.09    3749137.37       10.69363                    439375.72
3749143.92       10.12502
         439388.41    3749153.54        9.32464                    439400.49
3749162.14        8.66873
         439413.60    3749169.92        8.11471                    439425.68
3749178.11        7.59988
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: BREATHE ***
INCLUDING SOURCE(S): BREATHE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439955.02	3748605.92	1.57513	439983.17	3748614.22	1.65571
440006.24	3748617.45	1.69793	440071.32	3748624.38	1.93173
440087.93	3748639.61	2.47308	440117.00	3748766.98	4.08980
439940.25	3748575.00	1.35484	439996.09	3748506.23	0.99469
440023.32	3748475.77	0.89872	440043.16	3748463.78	0.83894
440054.70	3748448.55	0.79005	440063.47	3748429.62	0.73893
440072.29	3748414.84	0.69792	440083.83	3748396.38	0.65371
440096.29	3748378.84	0.61325	440105.06	3748361.76	0.58010
440106.91	3748342.84	0.55081	440120.75	3748318.84	0.50811
440122.71	3748286.94	0.46600	440117.33	3748252.65	0.42804

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         440121.30    3748218.07        0.39160                      440128.10
3748298.00        0.47758
         440266.27    3748117.44        0.30978                      440165.45
3747898.52        0.18619
         440191.34    3747915.00        0.19697                      440206.64
3747939.32        0.20825
         440247.44    3747944.82        0.21747                      440266.66
3747950.70        0.22261
         440283.14    3747959.73        0.22818                      440300.01
3747969.14        0.23304
         440321.20    3747989.15        0.24222                      440293.34
3748093.90        0.29762
         440300.01    3748071.14        0.28239                      440307.86
3748048.39        0.26971
         440314.13    3748028.38        0.25957                      440320.02
3748006.80        0.24914
         440335.28    3747569.25        0.11175                      440507.19
3748971.21        2.39010
         439956.03    3749044.31        3.70761                      439952.87
3748770.03        5.57440
         438863.85    3748859.31        4.50868

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

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

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     LOAD        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         439259.97    3749072.65       15.15820                      439277.61
3749070.69       16.49514
         439298.40    3749082.06       15.92529                      439312.13
3749091.08       15.17439
         439321.93    3749098.54       14.44941                      439240.72
3749074.67       13.76465
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         439217.60    3749084.06       11.64313                    439205.31
3749089.84       10.64706
         439192.07    3749096.35        9.69373                    439179.54
3749103.09        8.87675
         439169.91    3749108.15        8.32257                    439157.14
3749113.69        7.70797
         439137.63    3749079.00        8.36027                    439113.31
3749079.24        7.52045
         439099.82    3749078.76        7.10406                    439085.37
3749079.00        6.67791
         439071.88    3749078.76        6.33061                    439045.63
3749077.56        5.74567
         438992.40    3749075.39        4.73236                    438978.19
3749072.74        4.52278
         438963.01    3749071.06        4.30239                    438947.12
3749069.13        4.08733
         438932.42    3749067.44        3.90121                    438917.49
3749065.27        3.72763
         438902.80    3749063.11        3.56612                    438888.11
3749060.22        3.41565
         438870.76    3749057.57        3.24783                    438854.87
3749058.05        3.09480
         438838.01    3749060.22        2.94082                    438779.48
3749017.83        2.63479
         438784.54    3749046.01        2.59012                    438762.86
3749004.58        2.55431
         438815.85    3749066.24        2.74512                    439042.50
3748895.54        8.39878
         439038.53    3748865.79        9.40313                    438999.14
3748811.38        8.45262
         438921.22    3748750.74        6.22586                    438794.05
3748719.90        3.01788
         438730.91    3748880.70        2.44491                    438748.55
3748863.05        2.59090
         438764.63    3748843.83        2.74229                    438785.55
3748816.73        2.89422
         438805.14    3748787.97        3.10812                    438803.16
3748750.85        3.10404
         438788.42    3748703.24        2.96891                    438780.49
3748674.05        2.87772
         438768.87    3748645.43        2.75472                    438751.58
3748620.50        2.59295
         438730.33    3748595.84        2.42272                    438712.19
3748572.04        2.27578
         438693.49    3748548.80        2.13306                    438676.77
3748525.00        2.01917
         438655.80    3748497.80        1.90046                    438639.08
3748475.69        1.81568
         438619.53    3748452.46        1.72390                    438600.26
3748429.79        1.64094
```

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         438580.71    3748404.57        1.55451                      438561.44
3748384.17        1.48477
         438540.75    3748363.76        1.41728                      438520.92
3748341.09        1.35311
         438499.95    3748320.41        1.29068                      438735.66
3748992.65        2.40988
         438675.26    3748985.08        2.04875                      439331.05
3749107.64       13.52025
         439341.93    3749117.09       12.59852                      439353.60
3749127.33       11.60380
         439366.09    3749137.37       10.69368                      439375.72
3749143.92       10.12507
         439388.41    3749153.54        9.32468                      439400.49
3749162.14        8.66877
         439413.60    3749169.92        8.11475                      439425.68
3749178.11        7.59992
         439449.64    3749192.86        6.77768                      439473.05
3749214.38        5.89425
         439800.83    3749040.52        5.57759                      439873.79
3748887.43        6.44959
         439887.64    3748802.52        5.66711                      440077.78
3748740.21        4.47707
         440019.17    3748682.06        3.81479                      439929.64
3748601.76        1.55483
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

                                   PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: LOAD     ***
                                  INCLUDING SOURCE(S):     LOAD        ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         439955.02    3748605.92        1.57514                      439983.17
3748614.22        1.65572
         440006.24    3748617.45        1.69795                      440071.32
3748624.38        1.93175
```

```
         440087.93    3748639.61        2.47309                      440117.00
3748766.98        4.08982
         439940.25    3748575.00        1.35485                      439996.09
3748506.23        0.99470
         440023.32    3748475.77        0.89873                      440043.16
3748463.78        0.83895
         440054.70    3748448.55        0.79005                      440063.47
3748429.62        0.73893
         440072.29    3748414.84        0.69793                      440083.83
3748396.38        0.65371
         440096.29    3748378.84        0.61326                      440105.06
3748361.76        0.58010
         440106.91    3748342.84        0.55081                      440120.75
3748318.84        0.50812
         440122.71    3748286.94        0.46600                      440117.33
3748252.65        0.42804
         440121.30    3748218.07        0.39161                      440128.10
3748298.00        0.47758
         440266.27    3748117.44        0.30978                      440165.45
3747898.52        0.18619
         440191.34    3747915.00        0.19697                      440206.64
3747939.32        0.20825
         440247.44    3747944.82        0.21747                      440266.66
3747950.70        0.22261
         440283.14    3747959.73        0.22819                      440300.01
3747969.14        0.23305
         440321.20    3747989.15        0.24222                      440293.34
3748093.90        0.29763
         440300.01    3748071.14        0.28239                      440307.86
3748048.39        0.26971
         440314.13    3748028.38        0.25957                      440320.02
3748006.80        0.24914
         440335.28    3747569.25        0.11175                      440507.19
3748971.21        2.39011
         439956.03    3749044.31        3.70766                      439952.87
3748770.03        5.57448
         438863.85    3748859.31        4.50875

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

                                   PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: OFFSITE  ***
                                   INCLUDING SOURCE(S):     L0000406    , L0000407
 , L0000408    , L0000409    , L0000410    ,
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                L0000411    , L0000412    , L0000413    , L0000414    , L0000415
 , L0000416    , L0000417    , L0000418    ,
                L0000419    , L0000420    , L0000421    , L0000422    , L0000423
 , L0000424    , L0000425    , L0000426    ,
                L0000427    , L0000428    , L0000429    , L0000430    , L0000431
 , L0000432    , L0000433    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         439259.97    3749072.65       10.25671                     439277.61
3749070.69       10.12589
         439298.40    3749082.06        9.07457                     439312.13
3749091.08        8.39156
         439321.93    3749098.54        7.89961                     439240.72
3749074.67       10.36395
         439217.60    3749084.06        9.86918                     439205.31
3749089.84        9.52738
         439192.07    3749096.35        9.13021                     439179.54
3749103.09        8.71162
         439169.91    3749108.15        8.39714                     439157.14
3749113.69        8.04620
         439137.63    3749079.00       10.32485                     439113.31
3749079.24       10.06778
         439099.82    3749078.76        9.87623                     439085.37
3749079.00        9.57227
         439071.88    3749078.76        9.30676                     439045.63
3749077.56        8.77124
         438992.40    3749075.39        7.33613                     438978.19
3749072.74        7.01995
         438963.01    3749071.06        6.64409                     438947.12
3749069.13        6.26363
         438932.42    3749067.44        5.92577                     438917.49
3749065.27        5.61090
         438902.80    3749063.11        5.31390                     438888.11
3749060.22        5.03790
         438870.76    3749057.57        4.72906                     438854.87
3749058.05        4.44247
         438838.01    3749060.22        4.15832                     438779.48
3749017.83        3.68875
         438784.54    3749046.01        3.57342                     438762.86
3749004.58        3.55758
         438815.85    3749066.24        3.80148                     439042.50
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3748895.54       36.22397
         439038.53    3748865.79       28.86017                       438999.14
3748811.38       16.60698
         438921.22    3748750.74        9.74838                       438794.05
3748719.90        4.29392
         438730.91    3748880.70        3.37600                       438748.55
3748863.05        3.64484
         438764.63    3748843.83        3.92769                       438785.55
3748816.73        4.21809
         438805.14    3748787.97        4.59794                       438803.16
3748750.85        4.51627
         438788.42    3748703.24        4.17377                       438780.49
3748674.05        3.96485
         438768.87    3748645.43        3.71932                       438751.58
3748620.50        3.43535
         438730.33    3748595.84        3.15376                       438712.19
3748572.04        2.91827
         438693.49    3748548.80        2.69821                       438676.77
3748525.00        2.52450
         438655.80    3748497.80        2.34784                       438639.08
3748475.69        2.22401
         438619.53    3748452.46        2.09353                       438600.26
3748429.79        1.97762
         438580.71    3748404.57        1.85846                       438561.44
3748384.17        1.76433
         438540.75    3748363.76        1.67451                       438520.92
3748341.09        1.58955
         438499.95    3748320.41        1.50810                       438735.66
3748992.65        3.31562
         438675.26    3748985.08        2.68147                       439331.05
3749107.64        7.39141
         439341.93    3749117.09        6.89381                       439353.60
3749127.33        6.39128
         439366.09    3749137.37        5.93858                       439375.72
3749143.92        5.65302
         439388.41    3749153.54        5.27009                       439400.49
3749162.14        4.95646
         439413.60    3749169.92        4.68670                       439425.68
3749178.11        4.44294
         439449.64    3749192.86        4.05028                       439473.05
3749214.38        3.63680
         439800.83    3749040.52        3.45802                       439873.79
3748887.43        4.57007
         439887.64    3748802.52        4.87473                       440077.78
3748740.21        4.66396
         440019.17    3748682.06        4.60089                       439929.64
3748601.76        2.27476
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

INCLUDING SOURCE(S): L0000406 , L0000407 , L0000408 , L0000409 , L0000410 , L0000411 , L0000412 , L0000413 , L0000414 , L0000415 , L0000416 , L0000417 , L0000418 , L0000419 , L0000420 , L0000421 , L0000422 , L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439955.02	3748605.92	2.27879	439983.17	3748614.22	2.37978
440006.24	3748617.45	2.42632	440071.32	3748624.38	2.71859
440087.93	3748639.61	3.32706	440117.00	3748766.98	4.18242
439940.25	3748575.00	1.94473	439996.09	3748506.23	1.34845
440023.32	3748475.77	1.20201	440043.16	3748463.78	1.10080
440054.70	3748448.55	1.02396	440063.47	3748429.62	0.94609
440072.29	3748414.84	0.88282	440083.83	3748396.38	0.81680
440096.29	3748378.84	0.75674	440105.06	3748361.76	0.70931
440106.91	3748342.84	0.66915	440120.75	3748318.84	0.60864
440122.71	3748286.94	0.55110	440117.33	3748252.65	0.49924
440121.30	3748218.07	0.45018	440128.10	3748298.00	0.56673
440266.27	3748117.44	0.34859	440165.45	3747898.52	0.22213

```
         440191.34    3747915.00        0.23221                           440206.64
3747939.32        0.24199
         440247.44    3747944.82        0.24612                           440266.66
3747950.70        0.24898
         440283.14    3747959.73        0.25275                           440300.01
3747969.14        0.25609
         440321.20    3747989.15        0.26493                           440293.34
3748093.90        0.33457
         440300.01    3748071.14        0.31431                           440307.86
3748048.39        0.29807
         440314.13    3748028.38        0.28537                           440320.02
3748006.80        0.27257
         440335.28    3747569.25        0.12704                           440507.19
3748971.21        1.78061
         439956.03    3749044.31        2.52055                           439952.87
3748770.03        4.15785
         438863.85    3748859.31        7.24055

↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
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 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38

                                  PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: REF      ***
                                  INCLUDING SOURCE(S):     REF          ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)        CONC                            X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         439259.97    3749072.65       14.34400                           439277.61
3749070.69       15.43459
         439298.40    3749082.06       14.72810                           439312.13
3749091.08       13.95499
         439321.93    3749098.54       13.25286                           439240.72
3749074.67       13.16814
         439217.60    3749084.06       11.25290                           439205.31
3749089.84       10.33418
         439192.07    3749096.35        9.44533                           439179.54
3749103.09        8.67565
```

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         439169.91    3749108.15        8.15082                    439157.14
3749113.69        7.56822
         439137.63    3749079.00        8.28353                    439113.31
3749079.24        7.47545
         439099.82    3749078.76        7.07179                    439085.37
3749079.00        6.65465
         439071.88    3749078.76        6.31255                    439045.63
3749077.56        5.73194
         438992.40    3749075.39        4.72142                    438978.19
3749072.74        4.51182
         438963.01    3749071.06        4.29118                    438947.12
3749069.13        4.07592
         438932.42    3749067.44        3.88956                    438917.49
3749065.27        3.71564
         438902.80    3749063.11        3.55400                    438888.11
3749060.22        3.40370
         438870.76    3749057.57        3.23584                    438854.87
3749058.05        3.08263
         438838.01    3749060.22        2.92826                    438779.48
3749017.83        2.61980
         438784.54    3749046.01        2.57559                    438762.86
3749004.58        2.53943
         438815.85    3749066.24        2.73234                    439042.50
3748895.54        8.52197
         439038.53    3748865.79        8.65108                    438999.14
3748811.38        8.52711
         438921.22    3748750.74        6.31404                    438794.05
3748719.90        3.13747
         438730.91    3748880.70        2.45211                    438748.55
3748863.05        2.60509
         438764.63    3748843.83        2.76644                    438785.55
3748816.73        2.93766
         438805.14    3748787.97        3.18008                    438803.16
3748750.85        3.20511
         438788.42    3748703.24        3.09716                    438780.49
3748674.05        3.01986
         438768.87    3748645.43        2.90400                    438751.58
3748620.50        2.73951
         438730.33    3748595.84        2.56251                    438712.19
3748572.04        2.40976
         438693.49    3748548.80        2.26010                    438676.77
3748525.00        2.14115
         438655.80    3748497.80        2.01616                    438639.08
3748475.69        1.92669
         438619.53    3748452.46        1.82908                    438600.26
3748429.79        1.74066
         438580.71    3748404.57        1.64867                    438561.44
3748384.17        1.57389
         438540.75    3748363.76        1.50138                    438520.92
3748341.09        1.43269
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REF ***
INCLUDING SOURCE(S): REF ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439955.02	3748605.92	1.61017	439983.17	3748614.22	1.69913
440006.24	3748617.45	1.74764	440071.32	3748624.38	2.00967
440087.93	3748639.61	2.57272	440117.00	3748766.98	4.50191
439940.25	3748575.00	1.37984	439996.09	3748506.23	1.01294

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         440023.32    3748475.77        0.91707                       440043.16
3748463.78        0.85425
         440054.70    3748448.55        0.80463                       440063.47
3748429.62        0.75284
         440072.29    3748414.84        0.71062                       440083.83
3748396.38        0.66487
         440096.29    3748378.84        0.62276                       440105.06
3748361.76        0.58793
         440106.91    3748342.84        0.55657                       440120.75
3748318.84        0.51153
         440122.71    3748286.94        0.46769                       440117.33
3748252.65        0.43265
         440121.30    3748218.07        0.40081                       440128.10
3748298.00        0.47943
         440266.27    3748117.44        0.31205                       440165.45
3747898.52        0.18705
         440191.34    3747915.00        0.20157                       440206.64
3747939.32        0.21673
         440247.44    3747944.82        0.22843                       440266.66
3747950.70        0.23420
         440283.14    3747959.73        0.23997                       440300.01
3747969.14        0.24441
         440321.20    3747989.15        0.25165                       440293.34
3748093.90        0.29991
         440300.01    3748071.14        0.28619                       440307.86
3748048.39        0.27516
         440314.13    3748028.38        0.26645                       440320.02
3748006.80        0.25740
         440335.28    3747569.25        0.11080                       440507.19
3748971.21        2.34077
         439956.03    3749044.31        3.30893                       439952.87
3748770.03        4.76461
         438863.85    3748859.31        4.18389

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
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                                  PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     SPILL       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439259.97	3749072.65	14.40619	439277.61	3749070.69	15.50869
439298.40	3749082.06	14.80119	439312.13	3749091.08	14.02311
439321.93	3749098.54	13.31597	439240.72	3749074.67	13.21968
439217.60	3749084.06	11.29341	439205.31	3749089.84	10.37017
439192.07	3749096.35	9.47726	439179.54	3749103.09	8.70428
439169.91	3749108.15	8.17733	439157.14	3749113.69	7.59262
439137.63	3749079.00	8.30964	439113.31	3749079.24	7.49331
439099.82	3749078.76	7.08536	439085.37	3749079.00	6.66379
439071.88	3749078.76	6.31726	439045.63	3749077.56	5.72842
438992.40	3749075.39	4.70951	438978.19	3749072.74	4.49840
438963.01	3749071.06	4.27680	438947.12	3749069.13	4.06095
438932.42	3749067.44	3.87427	438917.49	3749065.27	3.70009
438902.80	3749063.11	3.53844	438888.11	3749060.22	3.38832
438870.76	3749057.57	3.22066	438854.87	3749058.05	3.06782
438838.01	3749060.22	2.91381	438779.48	3749017.83	2.60224
438784.54	3749046.01	2.56015	438762.86	3749004.58	2.52164
438815.85	3749066.24	2.71868	439042.50	3748895.54	8.43633
439038.53	3748865.79	8.57832	438999.14	3748811.38	8.41227
438921.22	3748750.74	6.25724	438794.05	3748719.90	3.15003
438730.91	3748880.70	2.44028	438748.55	3748863.05	2.59302
438764.63	3748843.83	2.75452	438785.55	3748816.73	2.92850
438805.14	3748787.97	3.17598	438803.16	3748750.85	3.21032

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         438788.42    3748703.24        3.11305                      438780.49
3748674.05        3.04083
         438768.87    3748645.43        2.92800                      438751.58
3748620.50        2.76423
         438730.33    3748595.84        2.58689                      438712.19
3748572.04        2.43394
         438693.49    3748548.80        2.28380                      438676.77
3748525.00        2.16470
         438655.80    3748497.80        2.03933                      438639.08
3748475.69        1.94961
         438619.53    3748452.46        1.85147                      438600.26
3748429.79        1.76252
         438580.71    3748404.57        1.67008                      438561.44
3748384.17        1.59462
         438540.75    3748363.76        1.52132                      438520.92
3748341.09        1.45205
         438499.95    3748320.41        1.38426                      438735.66
3748992.65        2.37685
         438675.26    3748985.08        2.02644                      439331.05
3749107.64       12.44501
         439341.93    3749117.09       11.58578                      439353.60
3749127.33       10.67125
         439366.09    3749137.37        9.83791                      439375.72
3749143.92        9.31724
         439388.41    3749153.54        8.59037                      439400.49
3749162.14        7.99559
         439413.60    3749169.92        7.49279                      439425.68
3749178.11        7.02815
         439449.64    3749192.86        6.28581                      439473.05
3749214.38        5.49086
         439800.83    3749040.52        4.56686                      439873.79
3748887.43        7.36598
         439887.64    3748802.52        6.44812                      440077.78
3748740.21        4.77842
         440019.17    3748682.06        3.78217                      439929.64
3748601.76        1.53212
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SPILL    ***
                                  INCLUDING SOURCE(S):     SPILL       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439955.02	3748605.92	1.55485	439983.17	3748614.22	1.64874
440006.24	3748617.45	1.70188	440071.32	3748624.38	1.96683
440087.93	3748639.61	2.51358	440117.00	3748766.98	4.60078
439940.25	3748575.00	1.33720	439996.09	3748506.23	0.99383
440023.32	3748475.77	0.90344	440043.16	3748463.78	0.84174
440054.70	3748448.55	0.79407	440063.47	3748429.62	0.74423
440072.29	3748414.84	0.70294	440083.83	3748396.38	0.65781
440096.29	3748378.84	0.61594	440105.06	3748361.76	0.58066
440106.91	3748342.84	0.54745	440120.75	3748318.84	0.50127
440122.71	3748286.94	0.45597	440117.33	3748252.65	0.42539
440121.30	3748218.07	0.39977	440128.10	3748298.00	0.46807
440266.27	3748117.44	0.30830	440165.45	3747898.52	0.18286
440191.34	3747915.00	0.20030	440206.64	3747939.32	0.21748
440247.44	3747944.82	0.22974	440266.66	3747950.70	0.23573
440283.14	3747959.73	0.24198	440300.01	3747969.14	0.24705
440321.20	3747989.15	0.25465	440293.34	3748093.90	0.29646
440300.01	3748071.14	0.28494	440307.86	3748048.39	0.27569
440314.13	3748028.38	0.26819	440320.02	3748006.80	0.26001
440335.28	3747569.25	0.10881	440507.19	3748971.21	2.36169
439956.03	3749044.31	3.14873	439952.87	3748770.03	4.88463
438863.85	3748859.31	4.05575			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
439259.97	3749072.65	98.77584	439277.61	3749070.69	104.60908
439298.40	3749082.06	100.97119	439312.13	3749091.08	97.02950
439321.93	3749098.54	93.40347	439240.72	3749074.67	92.57390
439217.60	3749084.06	82.09043	439205.31	3749089.84	76.92122
439192.07	3749096.35	71.81001	439179.54	3749103.09	67.26559
439169.91	3749108.15	64.10566	439157.14	3749113.69	60.55754
439137.63	3749079.00	66.70321	439113.31	3749079.24	62.14027
439099.82	3749078.76	59.77063	439085.37	3749079.00	57.19501
439071.88	3749078.76	55.06372	439045.63	3749077.56	51.34712
438992.40	3749075.39	44.14693	438978.19	3749072.74	42.61411
438963.01	3749071.06	40.92881	438947.12		

3749069.13 39.24872
438932.42 3749067.44 37.76841 438917.49
3749065.27 36.37671
438902.80 3749063.11 35.05934 438888.11
3749060.22 33.81681
438870.76 3749057.57 32.41423 438854.87
3749058.05 31.10531
438838.01 3749060.22 29.77773 438779.48
3749017.83 27.40451
438784.54 3749046.01 26.86062 438762.86
3749004.58 26.74958
438815.85 3749066.24 28.05949 439042.50
3748895.54 97.38362
439038.53 3748865.79 93.67898 438999.14
3748811.38 79.46746
438921.22 3748750.74 60.07249 438794.05
3748719.90 33.00489
438730.91 3748880.70 26.04824 438748.55
3748863.05 27.52526
438764.63 3748843.83 29.08469 438785.55
3748816.73 30.75406
438805.14 3748787.97 33.09020 438803.16
3748750.85 33.46883
438788.42 3748703.24 32.73370 438780.49
3748674.05 32.23051
438768.87 3748645.43 31.38079 438751.58
3748620.50 30.01323
438730.33 3748595.84 28.47929 438712.19
3748572.04 27.15399
438693.49 3748548.80 25.82038 438676.77
3748525.00 24.77977
438655.80 3748497.80 23.65916 438639.08
3748475.69 22.85248
438619.53 3748452.46 21.93508 438600.26
3748429.79 21.09033
438580.71 3748404.57 20.20484 438561.44
3748384.17 19.44991
438540.75 3748363.76 18.69895 438520.92
3748341.09 17.99734
438499.95 3748320.41 17.28009 438735.66
3748992.65 25.53023
438675.26 3748985.08 22.03380 439331.05
3749107.64 88.83094
439341.93 3749117.09 84.31484 439353.60
3749127.33 79.41505
439366.09 3749137.37 74.92386 439375.72
3749143.92 72.12832
439388.41 3749153.54 68.10690 439400.49
3749162.14 64.79282
439413.60 3749169.92 62.02953 439425.68

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
 , L0000027   , L0000028   , . . .   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         439955.02   3748605.92   97.46751   439983.17
3748614.22   92.82261
         440006.24   3748617.45   88.88513   440071.32
3748624.38   85.28693
         440087.93   3748639.61   95.78711   440117.00
3748766.98   79.97346
         439940.25   3748575.00   88.50272   439996.09
3748506.23   50.13181
         440023.32   3748475.77   40.93600   440043.16
3748463.78   36.23025
         440054.70   3748448.55   32.54614   440063.47
3748429.62   28.94226

```
         440072.29    3748414.84       26.20779                      440083.83
3748396.38       23.40503
         440096.29    3748378.84       20.96621                      440105.06
3748361.76       19.08831
         440106.91    3748342.84       17.54409                      440120.75
3748318.84       15.30473
         440122.71    3748286.94       13.28441                      440117.33
3748252.65       11.56970
         440121.30    3748218.07       10.01123                      440128.10
3748298.00       13.80640
         440266.27    3748117.44        7.22350                      440165.45
3747898.52        3.89638
         440191.34    3747915.00        4.11310                      440206.64
3747939.32        4.32978
         440247.44    3747944.82        4.50980                      440266.66
3747950.70        4.62489
         440283.14    3747959.73        4.75782                      440300.01
3747969.14        4.87528
         440321.20    3747989.15        5.13174                      440293.34
3748093.90        6.89452
         440300.01    3748071.14        6.35496                      440307.86
3748048.39        5.94398
         440314.13    3748028.38        5.63031                      440320.02
3748006.80        5.31588
         440335.28    3747569.25        2.15186                      440507.19
3748971.21       26.67987
         439956.03    3749044.31       46.89209                      439952.87
3748770.03      120.73639
         438863.85    3748859.31       43.34105

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

                                   PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  B1IDLE   ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
439259.97	3749072.65	18.27618	(13042407)	439277.61	3749070.69	19.28983	(13042407)
439298.40	3749082.06	19.36702	(15011116)	439312.13	3749091.08	19.23313	(15011116)
439321.93	3749098.54	18.90533	(15011116)	439240.72	3749074.67	17.48101	(15100406)
439217.60	3749084.06	17.19986	(15100406)	439205.31	3749089.84	16.88379	(15100406)
439192.07	3749096.35	16.44934	(15100406)	439179.54	3749103.09	15.94950	(15100406)
439169.91	3749108.15	15.81048	(14030117)	439157.14	3749113.69	15.60493	(14030117)
439137.63	3749079.00	17.09955	(14030117)	439113.31	3749079.24	16.50202	(15062802)
439099.82	3749078.76	16.29173	(15062802)	439085.37	3749079.00	15.93487	(15062802)
439071.88	3749078.76	15.54147	(15062802)	439045.63	3749077.56	15.38615	(12121607)
438992.40	3749075.39	14.95389	(16111818)	438978.19	3749072.74	14.80070	(13092602)
438963.01	3749071.06	14.62668	(13083019)	438947.12	3749069.13	14.60485	(13083019)
438932.42	3749067.44	14.48744	(13083019)	438917.49	3749065.27	14.29443	(13083019)
438902.80	3749063.11	14.01088	(13083019)	438888.11	3749060.22	13.64313	(13083019)
438870.76	3749057.57	13.47833	(14091624)	438854.87	3749058.05	13.27851	(14091624)
438838.01	3749060.22	13.00357	(14091624)	438779.48	3749017.83	12.92521	(14091701)
438784.54	3749046.01	12.56068	(14091701)	438762.86	3749004.58	12.67122	(16092422)
438815.85	3749066.24	12.54265	(14091624)	439042.50	3748895.54	25.00056	(13083019)
439038.53	3748865.79	27.60571	(14091624)	438999.14	3748811.38	31.63813	(15082107)
438921.22	3748750.74	36.02924	(14090307)	438794.05	3748719.90	16.64526	(13022723)
438730.91	3748880.70	14.02536	(14090307)	438748.55	3748863.05	15.34895	(14090307)
438764.63	3748843.83	16.81266	(14090307)	438785.55			

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 3748816.73       18.54290  (14090307)
       438805.14   3748787.97       20.21546  (14090307)               438803.16
 3748750.85       18.79298  (14090307)
       438788.42   3748703.24       16.65927  (16020622)               438780.49
 3748674.05       19.47201  (15090407)
       438768.87   3748645.43       20.52958  (15090407)               438751.58
 3748620.50       19.32725  (15090407)
       438730.33   3748595.84       18.01745  (12110208)               438712.19
 3748572.04       17.62096  (12110208)
       438693.49   3748548.80       16.28467  (12110208)               438676.77
 3748525.00       14.48190  (12110208)
       438655.80   3748497.80       12.56050  (14100222)               438639.08
 3748475.69       11.90014  (15012520)
       438619.53   3748452.46       11.39402  (14100223)               438600.26
 3748429.79       10.90276  (12101722)
       438580.71   3748404.57       10.61794  (15090107)               438561.44
 3748384.17       10.38711  (15090107)
       438540.75   3748363.76       10.00128  (15090107)               438520.92
 3748341.09        9.52726  (15090107)
       438499.95   3748320.41        8.95736  (15090107)               438735.66
 3748992.65       12.27969  (15111920)
       438675.26   3748985.08       11.21563  (14091620)               439331.05
 3749107.64       18.37027  (15011116)
       439341.93   3749117.09       17.66809  (15011116)               439353.60
 3749127.33       16.74237  (15011116)
       439366.09   3749137.37       15.67134  (15011116)               439375.72
 3749143.92       14.82411  (15011116)
       439388.41   3749153.54       14.39818  (16111019)               439400.49
 3749162.14       14.19484  (16111019)
       439413.60   3749169.92       13.96904  (16111019)               439425.68
 3749178.11       13.67580  (16111019)
       439449.64   3749192.86       13.30697  (15101020)               439473.05
 3749214.38       12.64046  (15101020)
       439800.83   3749040.52       13.11236  (12083019)               439873.79
 3748887.43       26.02698  (14041207)
       439887.64   3748802.52       35.20684  (12041107)               440077.78
 3748740.21       13.81114  (12092320)
       440019.17   3748682.06       14.93169  (14072722)               439929.64
 3748601.76       66.07970  (13091521)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

                                   PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  B1IDLE   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
```

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 , L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        439955.02   3748605.92       63.42487  (13051122)               439983.17
 3748614.22       59.53845  (13051122)
        440006.24   3748617.45       55.46767  (13051122)               440071.32
 3748624.38       38.64238  (12091106)
        440087.93   3748639.61       23.16108  (16102918)               440117.00
 3748766.98       20.92518  (12071820)
        439940.25   3748575.00       65.04003  (13072306)               439996.09
 3748506.23       57.59258  (16061724)
        440023.32   3748475.77       53.87087  (14073101)               440043.16
 3748463.78       53.48104  (14073101)
        440054.70   3748448.55       52.25563  (14080406)               440063.47
 3748429.62       52.97472  (14080406)
        440072.29   3748414.84       52.61384  (14080406)               440083.83
 3748396.38       50.51483  (14080406)
        440096.29   3748378.84       47.89402  (15092823)               440105.06
 3748361.76       46.67628  (14091121)
        440106.91   3748342.84       46.21328  (16060224)               440120.75
 3748318.84       44.73860  (12081002)
        440122.71   3748286.94       43.23816  (14082822)               440117.33
 3748252.65       41.84902  (13072706)
        440121.30   3748218.07       40.40971  (12091105)               440128.10
 3748298.00       43.07202  (14090801)
        440266.27   3748117.44       33.10129  (12080724)               440165.45
 3747898.52       30.56453  (12081622)
        440191.34   3747915.00       29.56697  (14072203)               440206.64
 3747939.32       30.23151  (15081801)
        440247.44   3747944.82       29.46537  (12072106)               440266.66
 3747950.70       29.07751  (15091022)
        440283.14   3747959.73       29.16705  (15091022)               440300.01
 3747969.14       28.88929  (13090723)
        440321.20   3747989.15       28.66639  (15082624)               440293.34
 3748093.90       32.80484  (12080724)
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       440300.01   3748071.14       31.33025  (12080724)                440307.86
 3748048.39       29.84841  (12101806)
       440314.13   3748028.38       29.46455  (12101806)                440320.02
 3748006.80       29.10220  (15082624)
       440335.28   3747569.25       22.56799  (14091223)                440507.19
 3748971.21        9.18888  (12041107)
       439956.03   3749044.31       11.23900  (14041207)                439952.87
 3748770.03       27.60696  (12041107)
       438863.85   3748859.31       19.82561  (14091620)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

                                   PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  B1ON     ***
                                  INCLUDING SOURCE(S):     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    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       439259.97   3749072.65       16.41322  (15062802)                439277.61
 3749070.69       16.92315  (15062802)
       439298.40   3749082.06       16.77815  (15062802)                439312.13
 3749091.08       17.03606  (14030117)
       439321.93   3749098.54       17.01909  (14030117)                439240.72
 3749074.67       15.79144  (15062802)
       439217.60   3749084.06       14.89619  (12121607)                439205.31
 3749089.84       14.50963  (13050505)
       439192.07   3749096.35       14.12555  (13050505)                439179.54
 3749103.09       13.75163  (13050505)
       439169.91   3749108.15       13.47797  (16111818)                439157.14
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3749113.69       13.20406  (16111818)
       439137.63   3749079.00       13.92450  (16111818)                439113.31
3749079.24       13.70561  (13083019)
       439099.82   3749078.76       13.58956  (13083019)                439085.37
3749079.00       13.42598  (13083019)
       439071.88   3749078.76       13.28408  (13083019)                439045.63
3749077.56       12.99155  (13083019)
       438992.40   3749075.39       12.24365  (14091624)                438978.19
3749072.74       12.14183  (14091624)
       438963.01   3749071.06       11.97883  (14091624)                438947.12
3749069.13       11.76905  (14091624)
       438932.42   3749067.44       11.68590  (14091701)                438917.49
3749065.27       11.59286  (14091701)
       438902.80   3749063.11       11.46440  (14091701)                438888.11
3749060.22       11.30197  (14091701)
       438870.76   3749057.57       11.08001  (14091701)                438854.87
3749058.05       10.84177  (14091701)
       438838.01   3749060.22       10.58493  (14091701)                438779.48
3749017.83       10.57096  (14091620)
       438784.54   3749046.01       10.17127  (14091620)                438762.86
3749004.58       10.54685  (14091620)
       438815.85   3749066.24       10.22307  (14091701)                439042.50
3748895.54       17.56474  (14091701)
       439038.53   3748865.79       18.84308  (14091620)                438999.14
3748811.38       19.81399  (14091620)
       438921.22   3748750.74       19.67565  (14090307)                438794.05
3748719.90       12.59905  (16020622)
       438730.91   3748880.70       10.22764  (16111020)                438748.55
3748863.05       10.65380  (14090307)
       438764.63   3748843.83       11.16977  (14090307)                438785.55
3748816.73       11.68394  (14090307)
       438805.14   3748787.97       12.14625  (14090307)                438803.16
3748750.85       12.44388  (13022723)
       438788.42   3748703.24       12.62624  (15090407)                438780.49
3748674.05       13.77610  (15090407)
       438768.87   3748645.43       13.99717  (15090407)                438751.58
3748620.50       13.12042  (15090407)
       438730.33   3748595.84       12.90005  (12110208)                438712.19
3748572.04       12.56232  (12110208)
       438693.49   3748548.80       11.71111  (12110208)                438676.77
3748525.00       10.73538  (14100222)
       438655.80   3748497.80       10.25076  (14100222)                438639.08
3748475.69        9.85030  (14100223)
       438619.53   3748452.46        9.50496  (14100223)                438600.26
3748429.79        9.16090  (16021601)
       438580.71   3748404.57        8.89868  (14051420)                438561.44
3748384.17        8.60533  (14051420)
       438540.75   3748363.76        8.27126  (14051420)                438520.92
3748341.09        7.91373  (14051420)
       438499.95   3748320.41        7.58288  (14110522)                438735.66
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 3748992.65       10.34400  (14091620)
        438675.26   3748985.08        8.99187  (14091620)                439331.05
 3749107.64       16.73919  (14030117)
        439341.93   3749117.09       16.25920  (14030117)                439353.60
 3749127.33       15.77758  (15100406)
        439366.09   3749137.37       15.38646  (15100406)                439375.72
 3749143.92       15.04281  (15100406)
        439388.41   3749153.54       14.69857  (14022507)                439400.49
 3749162.14       14.59046  (15121319)
        439413.60   3749169.92       14.77212  (13042407)                439425.68
 3749178.11       14.93810  (13042407)
        439449.64   3749192.86       15.34213  (15011116)                439473.05
 3749214.38       14.91792  (15011116)
        439800.83   3749040.52       17.21019  (13112916)                439873.79
 3748887.43       32.66094  (14041207)
        439887.64   3748802.52       40.56090  (12041107)                440077.78
 3748740.21       19.74407  (12082920)
        440019.17   3748682.06       20.83581  (12081620)                439929.64
 3748601.76       55.24973  (13072306)
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

                                   PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  B1ON     ***
                                  INCLUDING SOURCE(S):     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    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        439955.02   3748605.92       53.17824  (13072306)                439983.17
 3748614.22       50.14895  (13051122)
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       440006.24   3748617.45       47.64111  (13091521)                440071.32
 3748624.38       39.49819  (13091521)
       440087.93   3748639.61       28.71020  (13090104)                440117.00
 3748766.98       26.91848  (15060823)
       439940.25   3748575.00       53.05901  (13072306)                439996.09
 3748506.23       46.46354  (14072423)
       440023.32   3748475.77       43.98205  (14080406)                440043.16
 3748463.78       43.82069  (14080406)
       440054.70   3748448.55       42.98809  (14080406)                440063.47
 3748429.62       41.17402  (14080406)
       440072.29   3748414.84       39.36069  (14091121)                440083.83
 3748396.38       38.10766  (13062922)
       440096.29   3748378.84       36.96148  (12080804)                440105.06
 3748361.76       36.27640  (12081002)
       440106.91   3748342.84       35.44538  (14082822)                440120.75
 3748318.84       33.77590  (14082822)
       440122.71   3748286.94       32.48309  (12091101)                440117.33
 3748252.65       31.25048  (12081501)
       440121.30   3748218.07       29.64353  (12080724)                440128.10
 3748298.00       32.56225  (15081223)
       440266.27   3748117.44       25.09605  (15082624)                440165.45
 3747898.52       22.10373  (12081224)
       440191.34   3747915.00       21.91215  (12081224)                440206.64
 3747939.32       22.08983  (16040522)
       440247.44   3747944.82       21.77119  (12081622)                440266.66
 3747950.70       21.69717  (13091621)
       440283.14   3747959.73       21.81408  (13091621)                440300.01
 3747969.14       21.85329  (12072106)
       440321.20   3747989.15       21.96736  (12072106)                440293.34
 3748093.90       24.95267  (15082624)
       440300.01   3748071.14       23.75808  (13090723)                440307.86
 3748048.39       23.21569  (13090723)
       440314.13   3748028.38       22.64733  (13090723)                440320.02
 3748006.80       22.08089  (15091022)
       440335.28   3747569.25       17.19634  (15092620)                440507.19
 3748971.21       10.07214  (12041107)
       439956.03   3749044.31       13.90954  (16060806)                439952.87
 3748770.03       32.47087  (12041107)
       438863.85   3748859.31       14.35364  (16111020)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38

                                  PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  B2IDLE   ***
```

INCLUDING SOURCE(S): L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
439259.97	3749072.65	23.26897	(14091701)	439277.61	3749070.69	24.02957	(14091701)
439298.40	3749082.06	24.50750	(14091624)	439312.13	3749091.08	24.43485	(14091624)
439321.93	3749098.54	24.14034	(13083019)	439240.72	3749074.67	22.33768	(14091701)
439217.60	3749084.06	20.83734	(14091701)	439205.31	3749089.84	20.05978	(14091701)
439192.07	3749096.35	19.25893	(14091701)	439179.54	3749103.09	18.52737	(14091701)
439169.91	3749108.15	17.99507	(14091701)	439157.14	3749113.69	17.34480	(14091701)
439137.63	3749079.00	17.88180	(14091620)	439113.31	3749079.24	17.31348	(14091620)
439099.82	3749078.76	16.95622	(14091620)	439085.37	3749079.00	16.53845	(14091620)
439071.88	3749078.76	16.16916	(14091620)	439045.63	3749077.56	15.45131	(14091620)
438992.40	3749075.39	13.76510	(14091620)	438978.19	3749072.74	13.33615	(16072205)
438963.01	3749071.06	13.07512	(16072205)	438947.12	3749069.13	12.77967	(16072205)
438932.42	3749067.44	12.49471	(16111020)	438917.49	3749065.27	12.30612	(16111020)
438902.80	3749063.11	12.09701	(16111020)	438888.11	3749060.22	11.87063	(16111020)
438870.76	3749057.57	11.58560	(16111020)	438854.87	3749058.05	11.30402	(16111020)
438838.01	3749060.22	11.01342	(16111020)	438779.48	3749017.83	10.06446	(12110807)
438784.54	3749046.01	10.16348	(16111020)	438762.86	3749004.58	9.84159	(12110807)
438815.85	3749066.24	10.62845	(16111020)	439042.50	3748895.54	17.59188	(13022723)
439038.53	3748865.79	17.85871	(16020622)	438999.14			

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 3748811.38       27.35697  (16062004)
       438921.22   3748750.74       23.17356  (15031303)                438794.05
 3748719.90       10.14781  (12110208)
       438730.91   3748880.70        9.13190  (15121817)                438748.55
 3748863.05        9.46599  (15121817)
       438764.63   3748843.83        9.75436  (15121817)                438785.55
 3748816.73        9.85170  (14051404)
       438805.14   3748787.97       10.34221  (16102001)                438803.16
 3748750.85       10.31508  (15091503)
       438788.42   3748703.24       10.00409  (12110208)                438780.49
 3748674.05        9.87270  (16092604)
       438768.87   3748645.43        9.77360  (14100222)                438751.58
 3748620.50        9.43827  (14100222)
       438730.33   3748595.84        8.97359  (14100222)                438712.19
 3748572.04        8.64104  (14100223)
       438693.49   3748548.80        8.29771  (14100223)                438676.77
 3748525.00        8.02744  (15101105)
       438655.80   3748497.80        7.82431  (14051420)                438639.08
 3748475.69        7.66240  (14051420)
       438619.53   3748452.46        7.42389  (14051420)                438600.26
 3748429.79        7.16789  (14051420)
       438580.71   3748404.57        6.87172  (15112219)                438561.44
 3748384.17        6.70003  (14110522)
       438540.75   3748363.76        6.52113  (14110522)                438520.92
 3748341.09        6.33248  (14110522)
       438499.95   3748320.41        6.11598  (14110522)                438735.66
 3748992.65        9.53459  (15120221)
       438675.26   3748985.08        8.54555  (13022723)                439331.05
 3749107.64       24.24345  (13083019)
       439341.93   3749117.09       24.11724  (13083019)                439353.60
 3749127.33       23.55733  (13083019)
       439366.09   3749137.37       23.12287  (13092602)                439375.72
 3749143.92       22.97267  (16111818)
       439388.41   3749153.54       22.48210  (16111818)                439400.49
 3749162.14       22.02255  (13050505)
       439413.60   3749169.92       21.85083  (12121607)                439425.68
 3749178.11       21.58176  (15062802)
       439449.64   3749192.86       23.32893  (14030117)                439473.05
 3749214.38       23.71073  (14030117)
       439800.83   3749040.52       84.14708  (13112916)                439873.79
 3748887.43      114.04077  (14041207)
       439887.64   3748802.52      114.01716  (12041107)                440077.78
 3748740.21       86.32806  (12080922)
       440019.17   3748682.06       94.15959  (12090323)                439929.64
 3748601.76      125.16104  (12080724)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       13:16:38
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B2IDLE ***
INCLUDING SOURCE(S): L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
439955.02	3748605.92	116.23379	(13072706)	439983.17	3748614.22	105.70578	(14092524)
440006.24	3748617.45	98.87115	(13083023)	440071.32	3748624.38	84.09705	(14080406)
440087.93	3748639.61	89.70871	(14080406)	440117.00	3748766.98	84.31395	(13051122)
439940.25	3748575.00	116.60130	(13070204)	439996.09	3748506.23	92.86288	(15091022)
440023.32	3748475.77	84.29571	(12072106)	440043.16	3748463.78	80.82524	(12072106)
440054.70	3748448.55	78.08893	(12072106)	440063.47	3748429.62	73.94771	(12072106)
440072.29	3748414.84	71.53660	(14072203)	440083.83	3748396.38	68.74431	(14072203)
440096.29	3748378.84	67.60358	(12081622)	440105.06	3748361.76	66.29033	(12081622)
440106.91	3748342.84	63.70533	(15082106)	440120.75	3748318.84	61.60341	(16040522)
440122.71	3748286.94	59.99966	(12102821)	440117.33	3748252.65	58.43139	(12071304)
440121.30	3748218.07	57.23892	(13090521)	440128.10	3748298.00	59.80669	(12010519)
440266.27	3748117.44	44.15091	(14091223)	440165.45	3747898.52	39.66242	(16021621)
440191.34	3747915.00	39.84204	(12083121)	440206.64	3747939.32	41.33079	(12081621)
440247.44	3747944.82	39.39716	(12083102)	440266.66	3747950.70	38.79852	(14083024)
440283.14	3747959.73	38.41544	(12091922)	440300.01	3747969.14	37.91868	(15092721)

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       440321.20   3747989.15       38.08562  (13090521)                440293.34
 3748093.90       41.30218  (14091223)
       440300.01   3748071.14       40.50583  (14091223)                440307.86
 3748048.39       40.03863  (12071304)
       440314.13   3748028.38       39.66669  (12071304)                440320.02
 3748006.80       38.89789  (13090521)
       440335.28   3747569.25       27.80726  (12090322)                440507.19
 3748971.21       32.01102  (15082519)
       439956.03   3749044.31       30.52604  (16060806)                439952.87
 3748770.03       56.05286  (13112016)
       438863.85   3748859.31       12.55394  (15121817)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
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 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  B2ON     ***
                                  INCLUDING SOURCE(S):     L0000220    , L0000221
 , L0000222    , L0000223    , L0000224    ,
                 L0000225    , L0000226    , L0000227    , L0000228    , L0000229
 , L0000230    , L0000231    , L0000232    ,
                 L0000233    , L0000234    , L0000235    , L0000236    , L0000237
 , L0000238    , L0000239    , L0000240    ,
                 L0000241    , L0000242    , L0000243    , L0000244    , L0000245
 , L0000246    , L0000247    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       439259.97   3749072.65       21.99681  (13083019)                439277.61
 3749070.69       22.59269  (13083019)
       439298.40   3749082.06       21.97647  (13092602)                439312.13
 3749091.08       21.74344  (16111818)
       439321.93   3749098.54       21.40555  (16111818)                439240.72
 3749074.67       21.15784  (13083019)
       439217.60   3749084.06       19.82015  (14091624)                439205.31
 3749089.84       19.25303  (14091624)
       439192.07   3749096.35       18.63358  (14091624)                439179.54
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3749103.09       18.02956  (14091624)
       439169.91   3749108.15       17.58205  (14091624)                439157.14
3749113.69       17.04918  (14091624)
       439137.63   3749079.00       17.97081  (14091701)                439113.31
3749079.24       17.34828  (14091701)
       439099.82   3749078.76       16.92827  (14091701)                439085.37
3749079.00       16.43331  (14091701)
       439071.88   3749078.76       16.00796  (16092422)                439045.63
3749077.56       15.30553  (16092422)
       438992.40   3749075.39       14.52178  (14091620)                438978.19
3749072.74       14.32387  (14091620)
       438963.01   3749071.06       14.04557  (14091620)                438947.12
3749069.13       13.71436  (14091620)
       438932.42   3749067.44       13.38126  (14091620)                438917.49
3749065.27       13.02667  (14091620)
       438902.80   3749063.11       12.64885  (14091620)                438888.11
3749060.22       12.23803  (14091620)
       438870.76   3749057.57       11.75274  (14091620)                438854.87
3749058.05       11.46095  (16072205)
       438838.01   3749060.22       11.19680  (16072205)                438779.48
3749017.83       10.88790  (16111020)
       438784.54   3749046.01       10.69965  (16111020)                438762.86
3749004.58       10.64690  (16111020)
       438815.85   3749066.24       10.81963  (16072205)                439042.50
3748895.54       20.37447  (14090307)
       439038.53   3748865.79       19.87424  (15120221)                438999.14
3748811.38       23.10630  (12010420)
       438921.22   3748750.74       19.61176  (16111021)                438794.05
3748719.90       10.86402  (15091503)
       438730.91   3748880.70        9.59723  (16020622)                438748.55
3748863.05        9.92311  (16020622)
       438764.63   3748843.83       10.22485  (16020522)                438785.55
3748816.73       10.48557  (15121817)
       438805.14   3748787.97       11.49790  (15090407)                438803.16
3748750.85       11.46343  (15090407)
       438788.42   3748703.24       11.07520  (12110208)                438780.49
3748674.05       11.07247  (12110208)
       438768.87   3748645.43       10.43880  (12110208)                438751.58
3748620.50       10.06138  (14100222)
       438730.33   3748595.84        9.68373  (14100222)                438712.19
3748572.04        9.23297  (14100222)
       438693.49   3748548.80        8.80188  (14100223)                438676.77
3748525.00        8.52870  (14100223)
       438655.80   3748497.80        8.21453  (15101105)                438639.08
3748475.69        8.06439  (14051420)
       438619.53   3748452.46        7.84965  (14051420)                438600.26
3748429.79        7.60841  (14051420)
       438580.71   3748404.57        7.29596  (14051420)                438561.44
3748384.17        7.02863  (13110118)
       438540.75   3748363.76        6.82415  (14110522)                438520.92
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 3748341.09        6.64081  (14110522)
       438499.95   3748320.41        6.42193  (14110522)                438735.66
 3748992.65       10.18637  (16111020)
       438675.26   3748985.08        8.95363  (12110807)                439331.05
 3749107.64       20.83512  (13050523)
       439341.93   3749117.09       20.41095  (12121607)                439353.60
 3749127.33       19.85939  (12121607)
       439366.09   3749137.37       19.74852  (15062802)                439375.72
 3749143.92       19.78011  (14030117)
       439388.41   3749153.54       19.73830  (14030117)                439400.49
 3749162.14       19.50269  (14030117)
       439413.60   3749169.92       19.15079  (14030117)                439425.68
 3749178.11       18.61091  (14030117)
       439449.64   3749192.86       17.54098  (15100406)                439473.05
 3749214.38       16.84367  (15100406)
       439800.83   3749040.52       49.24347  (13112916)                439873.79
 3748887.43       68.43039  (14041207)
       439887.64   3748802.52       92.91543  (12041107)                440077.78
 3748740.21       60.39360  (13091422)
       440019.17   3748682.06       62.92627  (15082821)                439929.64
 3748601.76       89.55062  (14091121)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  B2ON     ***
                                 INCLUDING SOURCE(S):     L0000220    , L0000221
 , L0000222    , L0000223    , L0000224    ,
                  L0000225    , L0000226    , L0000227    , L0000228    , L0000229
 , L0000230    , L0000231    , L0000232    ,
                  L0000233    , L0000234    , L0000235    , L0000236    , L0000237
 , L0000238    , L0000239    , L0000240    ,
                  L0000241    , L0000242    , L0000243    , L0000244    , L0000245
 , L0000246    , L0000247    ,  . . .      ,

                                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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       439955.02   3748605.92       87.56217  (14080406)                439983.17
 3748614.22       82.58715  (14080406)
       440006.24   3748617.45       77.93658  (14080406)                440071.32
 3748624.38       71.33060  (14072423)
       440087.93   3748639.61       70.96714  (16061724)                440117.00
 3748766.98       67.93570  (12081001)
       439940.25   3748575.00       84.94887  (13083023)                439996.09
 3748506.23       68.66651  (12091105)
       440023.32   3748475.77       63.93884  (12080724)                440043.16
 3748463.78       61.22630  (12080724)
       440054.70   3748448.55       58.99965  (12080724)                440063.47
 3748429.62       56.51257  (15082624)
       440072.29   3748414.84       55.39538  (15082624)                440083.83
 3748396.38       53.29277  (15082624)
       440096.29   3748378.84       51.92980  (13090723)                440105.06
 3748361.76       50.58635  (15091022)
       440106.91   3748342.84       49.17913  (12072106)                440120.75
 3748318.84       48.05598  (12072106)
       440122.71   3748286.94       45.63428  (13082401)                440117.33
 3748252.65       44.47257  (12081622)
       440121.30   3748218.07       42.64046  (16040522)                440128.10
 3748298.00       46.59302  (12072106)
       440266.27   3748117.44       34.99989  (12081622)                440165.45
 3747898.52       31.22561  (15091023)
       440191.34   3747915.00       30.92429  (14083024)                440206.64
 3747939.32       31.71442  (12091922)
       440247.44   3747944.82       31.15588  (15092721)                440266.66
 3747950.70       30.60387  (13090521)
       440283.14   3747959.73       30.60386  (12071304)                440300.01
 3747969.14       30.55116  (12081224)
       440321.20   3747989.15       30.49717  (12102821)                440293.34
 3748093.90       33.09206  (12081622)
       440300.01   3748071.14       32.66095  (15082106)                440307.86
 3748048.39       31.96243  (16040522)
       440314.13   3748028.38       31.20764  (12010519)                440320.02
 3748006.80       31.01659  (12102821)
       440335.28   3747569.25       22.87801  (12083121)                440507.19
 3748971.21       20.43067  (15082519)
       439956.03   3749044.31       21.14378  (16060806)                439952.87
 3748770.03       51.07101  (12041107)
       438863.85   3748859.31       13.70510  (16020622)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       13:16:38

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3IDLE ***

INCLUDING SOURCE(S): L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
439259.97	3749072.65	20.02717	(16092422)	439277.61	3749070.69	20.88901	(14091701)
439298.40	3749082.06	21.52678	(14091701)	439312.13	3749091.08	21.58406	(14091701)
439321.93	3749098.54	21.47250	(14091624)	439240.72	3749074.67	19.07038	(16092422)
439217.60	3749084.06	17.92491	(14091620)	439205.31	3749089.84	17.38143	(14091620)
439192.07	3749096.35	16.81141	(14091620)	439179.54	3749103.09	16.27172	(14091620)
439169.91	3749108.15	15.88113	(14091620)	439157.14	3749113.69	15.43521	(14091620)
439137.63	3749079.00	16.12862	(14091620)	439113.31	3749079.24	15.40479	(14091620)
439099.82	3749078.76	14.97826	(14091620)	439085.37	3749079.00	14.51814	(14091620)
439071.88	3749078.76	14.10830	(14091620)	439045.63	3749077.56	13.32865	(14091620)
438992.40	3749075.39	12.29559	(16072205)	438978.19	3749072.74	12.09022	(16111020)
438963.01	3749071.06	11.89711	(16111020)	438947.12	3749069.13	11.67807	(16111020)
438932.42	3749067.44	11.46275	(16111020)	438917.49	3749065.27	11.24022	(16111020)
438902.80	3749063.11	11.00654	(16111020)	438888.11	3749060.22	10.75896	(16111020)
438870.76	3749057.57	10.46162	(16111020)	438854.87	3749058.05	10.19275	(16111020)
438838.01	3749060.22	9.92517	(16111020)	438779.48	3749017.83	9.11477	(12110807)
438784.54	3749046.01	9.10374	(12110807)	438762.86	3749004.58	8.95518	(15120221)
438815.85	3749066.24	9.58942	(16111020)	439042.50			

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 3748895.54       15.29442  (13022723)
       439038.53   3748865.79       15.41693  (16020622)                438999.14
 3748811.38       25.17012  (12110420)
       438921.22   3748750.74       22.05830  (12100121)                438794.05
 3748719.90        9.20260  (16110222)
       438730.91   3748880.70        8.40115  (15121817)                438748.55
 3748863.05        8.66658  (15121817)
       438764.63   3748843.83        8.88815  (15121817)                438785.55
 3748816.73        9.00311  (16102001)
       438805.14   3748787.97        9.40312  (15071823)                438803.16
 3748750.85        9.37818  (15091503)
       438788.42   3748703.24        9.09549  (16110222)                438780.49
 3748674.05        9.00761  (16092604)
       438768.87   3748645.43        8.89974  (14100222)                438751.58
 3748620.50        8.65391  (14100222)
       438730.33   3748595.84        8.29117  (14100222)                438712.19
 3748572.04        7.91241  (14100223)
       438693.49   3748548.80        7.65658  (14100223)                438676.77
 3748525.00        7.42813  (15101105)
       438655.80   3748497.80        7.18888  (16021601)                438639.08
 3748475.69        7.08154  (14051420)
       438619.53   3748452.46        6.91205  (14051420)                438600.26
 3748429.79        6.72174  (14051420)
       438580.71   3748404.57        6.47366  (14051420)                438561.44
 3748384.17        6.26017  (13110118)
       438540.75   3748363.76        6.07801  (15112219)                438520.92
 3748341.09        5.93733  (14110522)
       438499.95   3748320.41        5.76841  (14110522)                438735.66
 3748992.65        8.66721  (13022723)
       438675.26   3748985.08        7.88926  (13022723)                439331.05
 3749107.64       21.58453  (14091624)
       439341.93   3749117.09       21.51259  (14091624)                439353.60
 3749127.33       21.08315  (14091624)
       439366.09   3749137.37       21.10036  (13083019)                439375.72
 3749143.92       21.13800  (13083019)
       439388.41   3749153.54       20.84132  (13083019)                439400.49
 3749162.14       20.36111  (13092602)
       439413.60   3749169.92       20.29269  (13092602)                439425.68
 3749178.11       20.21939  (16111818)
       439449.64   3749192.86       19.86320  (13050505)                439473.05
 3749214.38       19.38360  (15062802)
       439800.83   3749040.52       70.78449  (13112916)                439873.79
 3748887.43      138.50572  (14041207)
       439887.64   3748802.52      207.91573  (12041107)                440077.78
 3748740.21      104.19918  (12080922)
       440019.17   3748682.06      116.91822  (12080723)                439929.64
 3748601.76      158.48374  (15091022)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3IDLE ***
INCLUDING SOURCE(S): L0000038 , L0000039 , L0000040 , L0000041 , L0000042 ,
L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
439955.02	3748605.92	144.95435	(15082624)	439983.17	3748614.22	130.14293	(12091105)
440006.24	3748617.45	119.28615	(13072706)	440071.32	3748624.38	97.10139	(13083023)
440087.93	3748639.61	99.37731	(14091121)	440117.00	3748766.98	96.39203	(16081501)
439940.25	3748575.00	146.31452	(12072106)	439996.09	3748506.23	109.76218	(12081622)
440023.32	3748475.77	95.06321	(12081622)	440043.16	3748463.78	92.12453	(12081622)
440054.70	3748448.55	87.77605	(15082106)	440063.47	3748429.62	83.34655	(16040522)
440072.29	3748414.84	80.72883	(16040522)	440083.83	3748396.38	77.82095	(12070724)
440096.29	3748378.84	75.72707	(12070724)	440105.06	3748361.76	73.88126	(12081224)
440106.91	3748342.84	71.62459	(12081224)	440120.75	3748318.84	68.93315	(12071304)
440122.71	3748286.94	66.56484	(13082823)	440117.33	3748252.65	64.14509	(12091922)
440121.30	3748218.07	62.64441	(14083024)	440128.10	3748298.00	67.86838	(12071304)
440266.27	3748117.44	47.50426	(15092721)	440165.45	3747898.52	42.10554	(14082202)
440191.34	3747915.00	42.18817	(12090322)	440206.64	3747939.32	42.46754	(16021621)
440247.44	3747944.82	41.68986	(12083121)	440266.66	3747950.70	40.95085	(12081621)

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       440283.14   3747959.73       40.68120  (15091023)               440300.01
 3747969.14       40.47166  (12083102)
       440321.20   3747989.15       40.48591  (12091922)               440293.34
 3748093.90       43.94443  (15092721)
       440300.01   3748071.14       44.14727  (15092721)               440307.86
 3748048.39       43.18517  (15092721)
       440314.13   3748028.38       41.76534  (15092721)               440320.02
 3748006.80       41.25645  (12091922)
       440335.28   3747569.25       28.63209  (13091721)               440507.19
 3748971.21       36.57236  (15082519)
       439956.03   3749044.31       40.10476  (13112916)               439952.87
 3748770.03       84.48891  (13112016)
       438863.85   3748859.31       11.75314  (15121817)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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                                    PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  B3ON     ***
                                  INCLUDING SOURCE(S):     L0000267    , L0000268
 , L0000269    , L0000270    , L0000271    ,
                 L0000272    , L0000273    , L0000274    , L0000275    , L0000276
 , L0000277    , L0000278    , L0000279    ,
                 L0000280    , L0000281    , L0000282    , L0000283    , L0000284
 , L0000285    , L0000286    , L0000287    ,
                 L0000288    , L0000289    , L0000290    , L0000291    , L0000292
 , L0000293    , L0000294    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       439259.97   3749072.65       21.04464  (13083019)               439277.61
 3749070.69       21.62410  (13083019)
       439298.40   3749082.06       21.03997  (13083019)               439312.13
 3749091.08       20.71776  (16111818)
       439321.93   3749098.54       20.43546  (16111818)               439240.72
 3749074.67       20.23793  (13083019)
       439217.60   3749084.06       19.11333  (14091624)               439205.31
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3749089.84 18.57096 (14091624)
439192.07 3749096.35 17.97895 (14091624) 439179.54
3749103.09 17.40246 (14091624)
439169.91 3749108.15 16.97492 (14091624) 439157.14
3749113.69 16.46383 (14091624)
439137.63 3749079.00 17.39724 (14091701) 439113.31
3749079.24 16.78965 (14091701)
439099.82 3749078.76 16.38181 (14091701) 439085.37
3749079.00 15.90322 (14091701)
439071.88 3749078.76 15.52031 (16092422) 439045.63
3749077.56 14.83860 (16092422)
438992.40 3749075.39 14.16026 (14091620) 438978.19
3749072.74 13.96599 (14091620)
438963.01 3749071.06 13.69501 (14091620) 438947.12
3749069.13 13.37318 (14091620)
438932.42 3749067.44 13.04995 (14091620) 438917.49
3749065.27 12.70598 (14091620)
438902.80 3749063.11 12.33974 (14091620) 438888.11
3749060.22 11.94153 (14091620)
438870.76 3749057.57 11.47133 (14091620) 438854.87
3749058.05 11.21878 (16072205)
438838.01 3749060.22 10.96315 (16072205) 438779.48
3749017.83 10.67196 (16111020)
438784.54 3749046.01 10.48895 (16111020) 438762.86
3749004.58 10.43953 (16111020)
438815.85 3749066.24 10.59829 (16072205) 439042.50
3748895.54 19.73099 (14090307)
439038.53 3748865.79 19.33278 (15120221) 438999.14
3748811.38 22.14902 (12010420)
438921.22 3748750.74 18.89156 (16111021) 438794.05
3748719.90 10.68645 (15071823)
438730.91 3748880.70 9.42710 (16020622) 438748.55
3748863.05 9.75030 (16020622)
438764.63 3748843.83 10.04558 (16020522) 438785.55
3748816.73 10.29043 (15121817)
438805.14 3748787.97 11.18550 (15090407) 438803.16
3748750.85 11.22710 (15090407)
438788.42 3748703.24 10.75054 (12110208) 438780.49
3748674.05 10.82703 (12110208)
438768.87 3748645.43 10.28232 (12110208) 438751.58
3748620.50 9.87534 (14100222)
438730.33 3748595.84 9.53372 (14100222) 438712.19
3748572.04 9.11690 (14100222)
438693.49 3748548.80 8.64915 (14100223) 438676.77
3748525.00 8.40418 (14100223)
438655.80 3748497.80 8.10326 (15101105) 438639.08
3748475.69 7.92397 (14051420)
438619.53 3748452.46 7.73190 (14051420) 438600.26
3748429.79 7.51177 (14051420)
438580.71 3748404.57 7.22207 (14051420) 438561.44

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B3ON ***
INCLUDING SOURCE(S): L0000267 , L0000268 , L0000269 , L0000270 , L0000271 ,
L0000272 , L0000273 , L0000274 , L0000275 , L0000276 , L0000277 , L0000278 , L0000279 ,
L0000280 , L0000281 , L0000282 , L0000283 , L0000284 , L0000285 , L0000286 , L0000287 ,
L0000288 , L0000289 , L0000290 , L0000291 , L0000292 , L0000293 , L0000294 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
       439955.02   3748605.92       91.58475  (14080406)                439983.17
 3748614.22       85.88449  (14080406)
       440006.24   3748617.45       80.52959  (14080406)                440071.32
 3748624.38       73.32102  (14072423)
       440087.93   3748639.61       73.14882  (16061724)                440117.00
 3748766.98       69.99785  (12081004)
       439940.25   3748575.00       87.58975  (13083023)                439996.09
 3748506.23       69.11051  (12091105)
       440023.32   3748475.77       63.91912  (12080724)                440043.16
 3748463.78       61.16836  (12080724)
       440054.70   3748448.55       58.66388  (12080724)                440063.47
 3748429.62       56.30226  (15082624)
       440072.29   3748414.84       54.90875  (15082624)                440083.83
 3748396.38       52.69768  (13090723)
       440096.29   3748378.84       51.31744  (13090723)                440105.06
 3748361.76       49.87215  (15091022)
       440106.91   3748342.84       48.52240  (12072106)                440120.75
 3748318.84       47.07226  (12072106)
       440122.71   3748286.94       44.49840  (13082401)                440117.33
 3748252.65       42.95648  (12081622)
       440121.30   3748218.07       41.08319  (16040522)                440128.10
 3748298.00       45.33506  (12072106)
       440266.27   3748117.44       33.91617  (15082106)                440165.45
 3747898.52       29.58406  (15091023)
       440191.34   3747915.00       29.33026  (14083024)                440206.64
 3747939.32       30.23151  (12091922)
       440247.44   3747944.82       29.92646  (13082823)                440266.66
 3747950.70       29.43357  (13090521)
       440283.14   3747959.73       29.51999  (12071304)                440300.01
 3747969.14       29.35336  (12081224)
       440321.20   3747989.15       29.71997  (12081224)                440293.34
 3748093.90       32.21856  (13062703)
       440300.01   3748071.14       31.65861  (16040522)                440307.86
 3748048.39       31.02075  (16040522)
       440314.13   3748028.38       30.33724  (13110407)                440320.02
 3748006.80       30.16834  (12102821)
       440335.28   3747569.25       21.80350  (12083121)                440507.19
 3748971.21       21.04085  (15082519)
       439956.03   3749044.31       20.49968  (12083019)                439952.87
 3748770.03       60.46185  (12041107)
       438863.85   3748859.31       13.50305  (16020622)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4IDLE ***
INCLUDING SOURCE(S): L0000056 , L0000057 , L0000058 , L0000059 , L0000060 ,
L0000061 , L0000062 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
439259.97	3749072.65	16.75240	(13083019)	439277.61	3749070.69	17.08506	(13083019)
439298.40	3749082.06	16.85641	(13092602)	439312.13	3749091.08	16.78421	(16111818)
439321.93	3749098.54	16.64190	(16111818)	439240.72	3749074.67	16.26840	(13083019)
439217.60	3749084.06	15.35120	(13083019)	439205.31	3749089.84	14.84768	(13083019)
439192.07	3749096.35	14.31220	(13083019)	439179.54	3749103.09	13.83091	(14091624)
439169.91	3749108.15	13.57583	(14091624)	439157.14	3749113.69	13.28003	(14091624)
439137.63	3749079.00	13.95313	(14091624)	439113.31	3749079.24	13.42787	(14091701)
439099.82	3749078.76	13.29051	(14091701)	439085.37	3749079.00	13.09356	(14091701)
439071.88	3749078.76	12.91387	(14091701)	439045.63	3749077.56	12.53212	(14091701)
438992.40	3749075.39	11.53253	(16092422)	438978.19	3749072.74	11.26686	(16092422)
438963.01	3749071.06	11.03550	(15111920)	438947.12	3749069.13	10.92306	(14091620)
438932.42	3749067.44	10.83852	(14091620)	438917.49	3749065.27	10.73616	(14091620)
438902.80	3749063.11	10.60106	(14091620)	438888.11	3749060.22	10.43529	(14091620)
438870.76	3749057.57	10.21568	(14091620)	438854.87	3749058.05	9.99199	(14091620)
438838.01	3749060.22	9.76046	(14091620)	438779.48	3749017.83	9.05843	(16072205)
438784.54	3749046.01	9.02602	(14091620)	438762.86	3749004.58	8.96766	(16072205)

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       438815.85   3749066.24        9.44703  (14091620)               439042.50
 3748895.54       15.82319  (14090307)
       439038.53   3748865.79       17.04545  (14090307)               438999.14
 3748811.38       15.68343  (12110807)
       438921.22   3748750.74       13.89841  (16020622)               438794.05
 3748719.90        9.47632  (15090407)
       438730.91   3748880.70        8.22502  (12110807)               438748.55
 3748863.05        8.42815  (12110807)
       438764.63   3748843.83        8.68329  (15120221)               438785.55
 3748816.73        8.93865  (13022723)
       438805.14   3748787.97        9.34213  (13022723)               438803.16
 3748750.85        9.42801  (16020522)
       438788.42   3748703.24        9.72299  (15090407)               438780.49
 3748674.05        9.77013  (15090407)
       438768.87   3748645.43        9.24992  (15071823)               438751.58
 3748620.50        8.97952  (15091503)
       438730.33   3748595.84        8.78853  (12110208)               438712.19
 3748572.04        8.59233  (12110208)
       438693.49   3748548.80        8.15061  (12110208)               438676.77
 3748525.00        7.80886  (16092604)
       438655.80   3748497.80        7.66355  (14100222)               438639.08
 3748475.69        7.50535  (14100222)
       438619.53   3748452.46        7.25352  (14100222)               438600.26
 3748429.79        6.98453  (15012520)
       438580.71   3748404.57        6.81406  (14100223)               438561.44
 3748384.17        6.63140  (14100223)
       438540.75   3748363.76        6.45017  (15101105)               438520.92
 3748341.09        6.27979  (14051420)
       438499.95   3748320.41        6.13616  (14051420)               438735.66
 3748992.65        8.88288  (16111020)
       438675.26   3748985.08        7.97550  (16111020)               439331.05
 3749107.64       16.31259  (16111818)
       439341.93   3749117.09       16.07413  (13050505)               439353.60
 3749127.33       15.83797  (12121607)
       439366.09   3749137.37       15.50827  (12121607)               439375.72
 3749143.92       15.50816  (15062802)
       439388.41   3749153.54       15.50713  (15062802)               439400.49
 3749162.14       15.38560  (15062802)
       439413.60   3749169.92       15.66624  (14030117)               439425.68
 3749178.11       15.77415  (14030117)
       439449.64   3749192.86       15.45998  (14030117)               439473.05
 3749214.38       14.24120  (15100406)
       439800.83   3749040.52       35.44113  (13112916)               439873.79
 3748887.43       41.95892  (13112916)
       439887.64   3748802.52       72.04758  (14041207)               440077.78
 3748740.21       55.29537  (12041107)
       440019.17   3748682.06       46.54806  (12041107)               439929.64
 3748601.76      140.77549  (13072306)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4IDLE   ***
                                  INCLUDING SOURCE(S):   L0000056   , L0000057 , L0000058   , L0000059   , L0000060   ,
                                  L0000061   , L0000062   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        439955.02   3748605.92   131.16052 (13072306)   439983.17   3748614.22   118.39269 (13072306)
        440006.24   3748617.45   110.39391 (13072306)   440071.32   3748624.38   96.64815 (13051122)
        440087.93   3748639.61   83.78596 (12080923)   440117.00   3748766.98   71.86116 (14091601)
        439940.25   3748575.00   132.11344 (16061724)   439996.09   3748506.23   106.01160 (14091121)
        440023.32   3748475.77   97.19303 (13083023)   440043.16   3748463.78   91.43430 (13083023)
        440054.70   3748448.55   87.79203 (14092524)   440063.47   3748429.62   84.05294 (13072706)
        440072.29   3748414.84   82.88822 (13072706)   440083.83   3748396.38   79.28297 (12091105)
        440096.29   3748378.84   77.08249 (12080724)   440105.06   3748361.76   75.00355 (12080724)
        440106.91   3748342.84   72.35560 (12101806)   440120.75   3748318.84   70.55475 (13090722)
        440122.71   3748286.94   69.70368 (15091022)   440117.33   3748252.65   67.30936 (12072106)
        440121.30   3748218.07   66.22800 (12081622)   440128.10   3748298.00   69.25574 (15091022)
        440266.27   3748117.44   48.55554 (14072203)   440165.45   3747898.52   46.57547 (12083102)
        440191.34   3747915.00   45.58354 (14083024)   440206.64   3747939.32   47.05094 (15092721)
        440247.44   3747944.82   44.41870 (13090521)   440266.66   3747950.70   43.38335 (12071304)

```
       440283.14   3747959.73       43.18949  (14091223)               440300.01
 3747969.14       42.49332  (16101023)
       440321.20   3747989.15       41.53693  (15052924)               440293.34
 3748093.90       44.95440  (14072203)
       440300.01   3748071.14       45.36127  (12081622)               440307.86
 3748048.39       45.15712  (12081622)
       440314.13   3748028.38       43.96941  (15082106)               440320.02
 3748006.80       43.01522  (15082106)
       440335.28   3747569.25       31.14628  (12083121)               440507.19
 3748971.21       14.79781  (12041107)
       439956.03   3749044.31       27.46029  (13112916)               439952.87
 3748770.03       74.88967  (12041107)
       438863.85   3748859.31       11.68042  (12110807)

♠ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

                                   PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  B4ON     ***
                                  INCLUDING SOURCE(S):     L0000317    , L0000318
 , L0000319    , L0000320    , L0000321    ,
                 L0000322    , L0000323    , L0000324    , L0000325    , L0000326
 , L0000327    , L0000328    , L0000329    ,
                 L0000330    , L0000331    , L0000332    , L0000333    , L0000334
 , L0000335    , L0000336    , L0000337    ,
                 L0000338    , L0000339    , L0000340    , L0000341    , L0000342
 , L0000343    , L0000344    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       439259.97   3749072.65       22.28521  (13083019)               439277.61
 3749070.69       22.68242  (13092602)
       439298.40   3749082.06       22.42305  (16111818)               439312.13
 3749091.08       21.87088  (12022701)
       439321.93   3749098.54       21.50370  (12121607)               439240.72
 3749074.67       21.72780  (13083019)
       439217.60   3749084.06       20.38098  (13083019)               439205.31
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3749089.84       19.62414  (13083019)
       439192.07   3749096.35       18.81631  (13083019)                439179.54
3749103.09       18.05524  (13083019)
       439169.91   3749108.15       17.52090  (14091624)                439157.14
3749113.69       17.06773  (14091624)
       439137.63   3749079.00       18.10861  (14091624)                439113.31
3749079.24       17.44688  (14091701)
       439099.82   3749078.76       17.15542  (14091701)                439085.37
3749079.00       16.77241  (14091701)
       439071.88   3749078.76       16.41898  (14091701)                439045.63
3749077.56       15.68449  (14091701)
       438992.40   3749075.39       14.23534  (14091620)                438978.19
3749072.74       14.15470  (14091620)
       438963.01   3749071.06       13.98079  (14091620)                438947.12
3749069.13       13.74956  (14091620)
       438932.42   3749067.44       13.49895  (14091620)                438917.49
3749065.27       13.22344  (14091620)
       438902.80   3749063.11       12.91401  (14091620)                438888.11
3749060.22       12.56684  (14091620)
       438870.76   3749057.57       12.14216  (14091620)                438854.87
3749058.05       11.75966  (14091620)
       438838.01   3749060.22       11.38343  (14091620)                438779.48
3749017.83       10.85791  (16111020)
       438784.54   3749046.01       10.59805  (16072205)                438762.86
3749004.58       10.73528  (16111020)
       438815.85   3749066.24       10.91687  (14091620)                439042.50
3748895.54       22.09480  (14090307)
       439038.53   3748865.79       20.83725  (14090307)                438999.14
3748811.38       21.18330  (15071822)
       438921.22   3748750.74       17.53746  (16111021)                438794.05
3748719.90       11.07792  (15090407)
       438730.91   3748880.70        9.52825  (13022723)                438748.55
3748863.05        9.83294  (13022723)
       438764.63   3748843.83       10.16625  (16020622)                438785.55
3748816.73       10.35891  (16020522)
       438805.14   3748787.97       11.14478  (15090407)                438803.16
3748750.85       11.63576  (15090407)
       438788.42   3748703.24       10.68324  (15071823)                438780.49
3748674.05       10.87364  (12110208)
       438768.87   3748645.43       10.60383  (12110208)                438751.58
3748620.50        9.84344  (12110208)
       438730.33   3748595.84        9.51523  (14100222)                438712.19
3748572.04        9.17447  (14100222)
       438693.49   3748548.80        8.73419  (14100222)                438676.77
3748525.00        8.38010  (14100223)
       438655.80   3748497.80        8.10564  (14100223)                438639.08
3748475.69        7.88851  (15101105)
       438619.53   3748452.46        7.68381  (14051420)                438600.26
3748429.79        7.49957  (14051420)
       438580.71   3748404.57        7.24706  (14051420)                438561.44
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B4ON ***
INCLUDING SOURCE(S): L0000317 , L0000318 , L0000319 , L0000320 , L0000321 ,
L0000322 , L0000323 , L0000324 , L0000325 , L0000326 , L0000327 , L0000328 , L0000329 ,
L0000330 , L0000331 , L0000332 , L0000333 , L0000334 , L0000335 , L0000336 , L0000337 ,
L0000338 , L0000339 , L0000340 , L0000341 , L0000342 , L0000343 , L0000344 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
       439955.02   3748605.92       94.72801  (13090106)               439983.17
 3748614.22       86.46272  (13072206)
       440006.24   3748617.45       83.86998  (13072206)               440071.32
 3748624.38       74.49610  (12091721)
       440087.93   3748639.61       70.33469  (13071023)               440117.00
 3748766.98       60.83623  (13082522)
       439940.25   3748575.00       99.36476  (14091121)               439996.09
 3748506.23       83.35305  (12110620)
       440023.32   3748475.77       78.37787  (13072706)               440043.16
 3748463.78       74.37161  (13072706)
       440054.70   3748448.55       71.62374  (12091105)               440063.47
 3748429.62       70.08791  (12080724)
       440072.29   3748414.84       68.25494  (12080724)               440083.83
 3748396.38       65.11635  (12101806)
       440096.29   3748378.84       63.59804  (15082624)               440105.06
 3748361.76       62.07411  (15082624)
       440106.91   3748342.84       60.80216  (13090723)               440120.75
 3748318.84       59.76269  (15091022)
       440122.71   3748286.94       58.01591  (12072106)               440117.33
 3748252.65       55.16375  (14072203)
       440121.30   3748218.07       54.65208  (12081622)               440128.10
 3748298.00       57.83582  (15091022)
       440266.27   3748117.44       42.11445  (12081622)               440165.45
 3747898.52       37.84052  (12083102)
       440191.34   3747915.00       37.51967  (12091922)               440206.64
 3747939.32       38.85316  (15092721)
       440247.44   3747944.82       37.36200  (13090521)               440266.66
 3747950.70       36.85430  (12071304)
       440283.14   3747959.73       36.53234  (14091223)               440300.01
 3747969.14       36.66462  (14091223)
       440321.20   3747989.15       35.89847  (12010519)               440293.34
 3748093.90       39.38427  (12081622)
       440300.01   3748071.14       39.49965  (12081622)               440307.86
 3748048.39       38.49776  (15082106)
       440314.13   3748028.38       37.63800  (15082106)               440320.02
 3748006.80       36.87533  (15052924)
       440335.28   3747569.25       26.32207  (12083121)               440507.19
 3748971.21       14.41768  (13070105)
       439956.03   3749044.31       16.91435  (12083019)               439952.87
 3748770.03       56.83637  (12041107)
       438863.85   3748859.31       13.77260  (13022723)

↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                           ***       13:16:38

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

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B5IDLE ***
INCLUDING SOURCE(S): L0000063 , L0000064 , L0000065 , L0000066 , L0000067 ,
L0000068 , L0000069 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
439259.97	3749072.65	15.22398	(14091624)	439277.61	3749070.69	15.45835	(14091624)
439298.40	3749082.06	15.76691	(13083019)	439312.13	3749091.08	15.77682	(13083019)
439321.93	3749098.54	15.63275	(13083019)	439240.72	3749074.67	14.88005	(14091624)
439217.60	3749084.06	14.15874	(14091624)	439205.31	3749089.84	13.76049	(14091624)
439192.07	3749096.35	13.33689	(14091624)	439179.54	3749103.09	12.93667	(14091624)
439169.91	3749108.15	12.64009	(14091624)	439157.14	3749113.69	12.27509	(14091624)
439137.63	3749079.00	12.87809	(14091701)	439113.31	3749079.24	12.44986	(14091701)
439099.82	3749078.76	12.17133	(14091701)	439085.37	3749079.00	11.85356	(14091701)
439071.88	3749078.76	11.63130	(16092422)	439045.63	3749077.56	11.20748	(16092422)
438992.40	3749075.39	10.64799	(14091620)	438978.19	3749072.74	10.57798	(14091620)
438963.01	3749071.06	10.45591	(14091620)	438947.12	3749069.13	10.30004	(14091620)
438932.42	3749067.44	10.13555	(14091620)	438917.49	3749065.27	9.95659	(14091620)
438902.80	3749063.11	9.75685	(14091620)	438888.11	3749060.22	9.53193	(14091620)
438870.76	3749057.57	9.25887	(14091620)	438854.87	3749058.05	9.01493	(14091620)
438838.01	3749060.22	8.77568	(14091620)	438779.48	3749017.83	8.38357	(16111020)
438784.54	3749046.01	8.26143	(16072205)	438762.86	3749004.58	8.37370	(16111020)

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       438815.85   3749066.24        8.47726  (14091620)               439042.50
 3748895.54       14.12780  (14090307)
       439038.53   3748865.79       14.40986  (16111020)               438999.14
 3748811.38       13.69063  (15120221)
       438921.22   3748750.74       12.25797  (16020622)               438794.05
 3748719.90        8.59506  (15121817)
       438730.91   3748880.70        7.53950  (15120221)               438748.55
 3748863.05        7.73847  (15120221)
       438764.63   3748843.83        8.00664  (13022723)               438785.55
 3748816.73        8.20515  (13022723)
       438805.14   3748787.97        8.54400  (16020622)               438803.16
 3748750.85        8.57180  (16020522)
       438788.42   3748703.24        8.54945  (15121817)               438780.49
 3748674.05        8.50538  (15090407)
       438768.87   3748645.43        8.44140  (15071823)               438751.58
 3748620.50        8.20247  (15091503)
       438730.33   3748595.84        7.90574  (16110222)               438712.19
 3748572.04        7.64923  (16110222)
       438693.49   3748548.80        7.37660  (16092604)               438676.77
 3748525.00        7.19338  (16092604)
       438655.80   3748497.80        7.04964  (14100222)               438639.08
 3748475.69        6.93540  (14100222)
       438619.53   3748452.46        6.73859  (14100222)               438600.26
 3748429.79        6.50949  (14100222)
       438580.71   3748404.57        6.31163  (14100223)               438561.44
 3748384.17        6.17382  (14100223)
       438540.75   3748363.76        6.00965  (15101105)               438520.92
 3748341.09        5.85759  (15101105)
       438499.95   3748320.41        5.69240  (14051420)               438735.66
 3748992.65        8.23879  (16111020)
       438675.26   3748985.08        7.34062  (16111020)               439331.05
 3749107.64       15.32278  (13083019)
       439341.93   3749117.09       15.18678  (13092602)               439353.60
 3749127.33       15.01978  (16111818)
       439366.09   3749137.37       14.82244  (16111818)               439375.72
 3749143.92       14.61252  (16111818)
       439388.41   3749153.54       14.37634  (13050505)               439400.49
 3749162.14       14.23489  (12121607)
       439413.60   3749169.92       14.07660  (12121607)               439425.68
 3749178.11       14.03487  (15062802)
       439449.64   3749192.86       14.21158  (15062802)               439473.05
 3749214.38       14.09609  (14030117)
       439800.83   3749040.52       24.88541  (15101020)               439873.79
 3748887.43       83.82487  (13112916)
       439887.64   3748802.52       76.79770  (16060806)               440077.78
 3748740.21       78.20666  (12041107)
       440019.17   3748682.06       77.73180  (12041107)               439929.64
 3748601.76      185.37248  (15080302)
1 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  B5IDLE   ***
                                  INCLUDING SOURCE(S):     L0000063    , L0000064
 , L0000065    , L0000066    , L0000067    ,
                 L0000068    , L0000069    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        439955.02   3748605.92      169.11613  (13072306)                439983.17
 3748614.22      150.23542  (13072306)
        440006.24   3748617.45      136.52860  (13072306)                440071.32
 3748624.38      112.36424  (13051122)
        440087.93   3748639.61       98.83328  (12080923)                440117.00
 3748766.98       83.71232  (14091601)
        439940.25   3748575.00      176.18929  (14073101)                439996.09
 3748506.23      131.57851  (13083023)
        440023.32   3748475.77      115.81818  (13072706)                440043.16
 3748463.78      109.38891  (13072706)
        440054.70   3748448.55      104.15586  (12091105)                440063.47
 3748429.62      100.59194  (12080724)
        440072.29   3748414.84       96.69392  (12080724)                440083.83
 3748396.38       92.13854  (15082624)
        440096.29   3748378.84       89.09762  (13070204)                440105.06
 3748361.76       86.04482  (13090723)
        440106.91   3748342.84       84.46918  (15091022)                440120.75
 3748318.84       82.16201  (12072106)
        440122.71   3748286.94       77.54783  (14072203)                440117.33
 3748252.65       75.47476  (15082106)
        440121.30   3748218.07       73.25404  (12102821)                440128.10
 3748298.00       79.07561  (12072106)
        440266.27   3748117.44       53.02930  (15082106)                440165.45
 3747898.52       49.36874  (16092201)
        440191.34   3747915.00       48.56254  (12081621)                440206.64
 3747939.32       50.42114  (12083102)
        440247.44   3747944.82       47.67895  (12091922)                440266.66
 3747950.70       46.49511  (15092721)
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       440283.14   3747959.73       46.25269  (15092721)                440300.01
 3747969.14       45.86377  (12071304)
       440321.20   3747989.15       45.65174  (14091223)                440293.34
 3748093.90       48.87783  (15082106)
       440300.01   3748071.14       48.27650  (16040522)                440307.86
 3748048.39       47.52881  (16101023)
       440314.13   3748028.38       47.34010  (16101023)                440320.02
 3748006.80       47.09141  (14091223)
       440335.28   3747569.25       32.14962  (16021621)                440507.19
 3748971.21       15.25606  (12041107)
       439956.03   3749044.31       39.73504  (13112916)                439952.87
 3748770.03       99.46804  (14041207)
       438863.85   3748859.31       10.45918  (12110807)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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                                    PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  B5ON     ***
                                  INCLUDING SOURCE(S):     L0000360    , L0000361
 , L0000362    , L0000363    , L0000364    ,
                 L0000365    , L0000366    , L0000367    , L0000368    , L0000369
 , L0000370    , L0000371    , L0000372    ,
                 L0000373    , L0000374    , L0000375    , L0000376    , L0000377
 , L0000378    , L0000379    , L0000380    ,
                 L0000381    , L0000382    , L0000383    , L0000384    , L0000385
 , L0000386    , L0000387    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       439259.97   3749072.65       21.58738  (13083019)                439277.61
 3749070.69       21.94696  (13083019)
       439298.40   3749082.06       21.56644  (16111818)                439312.13
 3749091.08       21.17391  (16111818)
       439321.93   3749098.54       20.69818  (13050505)                439240.72
 3749074.67       20.96899  (13083019)
       439217.60   3749084.06       19.63146  (13083019)                439205.31
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3749089.84       18.88978  (13083019)
       439192.07   3749096.35       18.10181  (13083019)                439179.54
3749103.09       17.52754  (14091624)
       439169.91   3749108.15       17.13404  (14091624)                439157.14
3749113.69       16.67579  (14091624)
       439137.63   3749079.00       17.50682  (14091624)                439113.31
3749079.24       17.04219  (14091701)
       439099.82   3749078.76       16.73153  (14091701)                439085.37
3749079.00       16.33577  (14091701)
       439071.88   3749078.76       15.97162  (14091701)                439045.63
3749077.56       15.25553  (16092422)
       438992.40   3749075.39       14.02052  (14091620)                438978.19
3749072.74       13.92320  (14091620)
       438963.01   3749071.06       13.73730  (14091620)                438947.12
3749069.13       13.49622  (14091620)
       438932.42   3749067.44       13.23901  (14091620)                438917.49
3749065.27       12.95799  (14091620)
       438902.80   3749063.11       12.64551  (14091620)                438888.11
3749060.22       12.29681  (14091620)
       438870.76   3749057.57       11.87296  (14091620)                438854.87
3749058.05       11.49506  (14091620)
       438838.01   3749060.22       11.12492  (14091620)                438779.48
3749017.83       10.69468  (16111020)
       438784.54   3749046.01       10.42324  (16072205)                438762.86
3749004.58       10.56285  (16111020)
       438815.85   3749066.24       10.66909  (14091620)                439042.50
3748895.54       21.38272  (14090307)
       439038.53   3748865.79       20.07125  (14090307)                438999.14
3748811.38       20.23670  (15071822)
       438921.22   3748750.74       17.07290  (16111021)                438794.05
3748719.90       10.88703  (15090407)
       438730.91   3748880.70        9.39817  (13022723)                438748.55
3748863.05        9.69356  (13022723)
       438764.63   3748843.83       10.02339  (16020622)                438785.55
3748816.73       10.21066  (16020522)
       438805.14   3748787.97       10.91775  (15090407)                438803.16
3748750.85       11.41760  (15090407)
       438788.42   3748703.24       10.53932  (15071823)                438780.49
3748674.05       10.66468  (12110208)
       438768.87   3748645.43       10.43554  (12110208)                438751.58
3748620.50        9.71344  (12110208)
       438730.33   3748595.84        9.38290  (14100222)                438712.19
3748572.04        9.06213  (14100222)
       438693.49   3748548.80        8.64126  (14100222)                438676.77
3748525.00        8.26634  (14100223)
       438655.80   3748497.80        8.01149  (14100223)                438639.08
3748475.69        7.79948  (15101105)
       438619.53   3748452.46        7.57713  (14051420)                438600.26
3748429.79        7.40734  (14051420)
       438580.71   3748404.57        7.17063  (14051420)                438561.44
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: B5ON ***
INCLUDING SOURCE(S): L0000360 , L0000361 , L0000362 , L0000363 , L0000364 ,
L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 ,
L0000381 , L0000382 , L0000383 , L0000384 , L0000385 , L0000386 , L0000387 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        439955.02   3748605.92      103.92930  (14080406)                439983.17
 3748614.22       93.71480  (14072423)
        440006.24   3748617.45       89.30159  (13072206)                440071.32
 3748624.38       78.38560  (12091721)
        440087.93   3748639.61       74.67536  (13071023)                440117.00
 3748766.98       64.22049  (13082522)
        439940.25   3748575.00      108.04652  (14091121)                439996.09
 3748506.23       87.37308  (13072706)
        440023.32   3748475.77       80.72310  (13072706)                440043.16
 3748463.78       76.65919  (12091105)
        440054.70   3748448.55       73.89228  (12080724)                440063.47
 3748429.62       71.99811  (12080724)
        440072.29   3748414.84       69.03600  (12080624)                440083.83
 3748396.38       66.78291  (15082624)
        440096.29   3748378.84       64.90670  (15082624)                440105.06
 3748361.76       62.73796  (13090722)
        440106.91   3748342.84       61.62153  (15091022)                440120.75
 3748318.84       59.75570  (15091022)
        440122.71   3748286.94       57.34996  (12072106)                440117.33
 3748252.65       55.11588  (12081622)
        440121.30   3748218.07       53.13580  (15082106)                440128.10
 3748298.00       58.36549  (12072106)
        440266.27   3748117.44       41.97737  (12081622)                440165.45
 3747898.52       36.06196  (15091023)
        440191.34   3747915.00       35.96865  (14083024)                440206.64
 3747939.32       37.01131  (12091922)
        440247.44   3747944.82       36.15611  (13090521)                440266.66
 3747950.70       35.84946  (12071304)
        440283.14   3747959.73       35.34791  (12071304)                440300.01
 3747969.14       35.92238  (14091223)
        440321.20   3747989.15       35.48432  (16101023)                440293.34
 3748093.90       39.26773  (12081622)
        440300.01   3748071.14       38.59977  (12081622)                440307.86
 3748048.39       37.77551  (15082106)
        440314.13   3748028.38       36.84080  (15052924)                440320.02
 3748006.80       36.18699  (12010519)
        440335.28   3747569.25       25.43585  (12083121)                440507.19
 3748971.21       15.84792  (15090822)
        439956.03   3749044.31       16.84485  (12083019)                439952.87
 3748770.03       63.65937  (12041107)
        438863.85   3748859.31       13.52410  (13022723)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATHE ***
INCLUDING SOURCE(S): BREATHE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
439259.97	3749072.65	86.45344	(16010515)	439277.61	3749070.69	112.40342	(14030117)
439298.40	3749082.06	125.13048	(14030117)	439312.13	3749091.08	118.22726	(14030117)
439321.93	3749098.54	106.43576	(14030117)	439240.72	3749074.67	82.07575	(15060407)
439217.60	3749084.06	72.16175	(15060407)	439205.31	3749089.84	66.06331	(15060407)
439192.07	3749096.35	59.64761	(15060407)	439179.54	3749103.09	54.62711	(14091624)
439169.91	3749108.15	51.88753	(14091624)	439157.14	3749113.69	48.75831	(14091624)
439137.63	3749079.00	59.39767	(15082107)	439113.31	3749079.24	53.64913	(15082107)
439099.82	3749078.76	50.14633	(15082107)	439085.37	3749079.00	46.15680	(15082107)
439071.88	3749078.76	44.44841	(14090307)	439045.63	3749077.56	44.21271	(14090307)
438992.40	3749075.39	39.60785	(14090307)	438978.19	3749072.74	38.13699	(14090307)
438963.01	3749071.06	36.16746	(14090307)	438947.12	3749069.13	33.97795	(14090307)
438932.42	3749067.44	31.87813	(14090307)	438917.49	3749065.27	29.71634	(14090307)
438902.80	3749063.11	27.59439	(14090307)	438888.11	3749060.22	25.46586	(14090307)
438870.76	3749057.57	23.07207	(14090307)	438854.87	3749058.05	21.52750	(16111017)
438838.01	3749060.22	20.57732	(12110807)	438779.48	3749017.83	18.50764	(16020622)
438784.54	3749046.01	18.31945	(13022723)	438762.86	3749004.58	17.91785	(16020622)
438815.85	3749066.24	19.42818	(12110807)	439042.50	3748895.54	65.13982	(12110208)

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       439038.53   3748865.79       75.10100  (14091702)               438999.14
 3748811.38       89.85417  (12082902)
       438921.22   3748750.74       66.21270  (16092801)               438794.05
 3748719.90       18.46744  (15090107)
       438730.91   3748880.70       17.88483  (12110208)               438748.55
 3748863.05       18.79050  (12110208)
       438764.63   3748843.83       18.92159  (12110208)               438785.55
 3748816.73       17.51270  (12110208)
       438805.14   3748787.97       17.67658  (14100223)               438803.16
 3748750.85       18.88165  (15090107)
       438788.42   3748703.24       17.80043  (15051418)               438780.49
 3748674.05       16.81471  (15051418)
       438768.87   3748645.43       15.09398  (15051418)               438751.58
 3748620.50       14.21299  (15101001)
       438730.33   3748595.84       13.28337  (12010418)               438712.19
 3748572.04       12.49480  (12010418)
       438693.49   3748548.80       11.67398  (12010418)               438676.77
 3748525.00       11.09015  (15021122)
       438655.80   3748497.80       10.56319  (15021122)               438639.08
 3748475.69       10.17406  (12091406)
       438619.53   3748452.46        9.74527  (15103023)               438600.26
 3748429.79        9.40175  (15103023)
       438580.71   3748404.57        9.00681  (15103023)               438561.44
 3748384.17        8.67508  (15103023)
       438540.75   3748363.76        8.34472  (15103023)               438520.92
 3748341.09        8.01949  (15103023)
       438499.95   3748320.41        7.68860  (15103023)               438735.66
 3748992.65       16.98290  (15121817)
       438675.26   3748985.08       14.62645  (15121817)               439331.05
 3749107.64      108.26005  (13042407)
       439341.93   3749117.09      110.11143  (13042407)               439353.60
 3749127.33      105.65119  (15011116)
       439366.09   3749137.37      100.34639  (15011116)               439375.72
 3749143.92       93.28524  (15011116)
       439388.41   3749153.54       79.95172  (15011116)               439400.49
 3749162.14       66.44440  (15011116)
       439413.60   3749169.92       52.70096  (15011116)               439425.68
 3749178.11       53.08471  (16082607)
       439449.64   3749192.86       58.27483  (16082607)               439473.05
 3749214.38       55.53602  (13112916)
       439800.83   3749040.52       58.17438  (12041107)               439873.79
 3748887.43       28.07271  (13112016)
       439887.64   3748802.52       33.93637  (13041407)               440077.78
 3748740.21       54.88157  (12080723)
       440019.17   3748682.06       56.28851  (13062922)               439929.64
 3748601.76       64.56181  (12080724)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATHE ***
INCLUDING SOURCE(S): BREATHE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
439955.02	3748605.92	61.44132	(14070501)	439983.17	3748614.22	59.01262	(13072706)
440006.24	3748617.45	56.35026	(13072706)	440071.32	3748624.38	53.60115	(14082822)
440087.93	3748639.61	55.70540	(13083023)	440117.00	3748766.98	55.66737	(13090106)
439940.25	3748575.00	61.19926	(12101806)	439996.09	3748506.23	52.81303	(13090723)
440023.32	3748475.77	50.11059	(13090723)	440043.16	3748463.78	48.40308	(13090723)
440054.70	3748448.55	47.28009	(15091022)	440063.47	3748429.62	46.24030	(15091022)
440072.29	3748414.84	45.04614	(15091022)	440083.83	3748396.38	44.47102	(12072106)
440096.29	3748378.84	43.59904	(12072106)	440105.06	3748361.76	42.58927	(12072106)
440106.91	3748342.84	40.97968	(15081801)	440120.75	3748318.84	40.38062	(14072203)
440122.71	3748286.94	39.67968	(12081622)	440117.33	3748252.65	39.00784	(15082106)
440121.30	3748218.07	37.92307	(15052924)	440128.10	3748298.00	39.59806	(14072203)
440266.27	3748117.44	31.37314	(15082106)	440165.45	3747898.52	30.14994	(14083024)
440191.34	3747915.00	29.47437	(15092620)	440206.64	3747939.32	30.67903	(15092721)
440247.44	3747944.82	29.05537	(12071304)	440266.66	3747950.70	28.66323	(12071304)
440283.14	3747959.73	28.09662	(14091223)	440300.01	3747969.14	28.62201	(14091223)
440321.20	3747989.15	28.11859	(16101023)	440293.34	3748093.90	29.73827	(15082106)

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       440300.01   3748071.14       29.29572  (15052924)                440307.86
 3748048.39       28.97508  (15052924)
       440314.13   3748028.38       28.67139  (12010519)                440320.02
 3748006.80       28.38852  (12010519)
       440335.28   3747569.25       22.19289  (15091023)                440507.19
 3748971.21       28.53232  (12080923)
       439956.03   3749044.31       28.37034  (12041107)                439952.87
 3748770.03       32.69452  (14090722)
       438863.85   3748859.31       44.87604  (14091702)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  LOAD     ***
                                  INCLUDING SOURCE(S):     LOAD        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       439259.97   3749072.65       86.41463  (16010515)                439277.61
 3749070.69      112.30950  (14030117)
       439298.40   3749082.06      125.02076  (14030117)                439312.13
 3749091.08      118.12341  (14030117)
       439321.93   3749098.54      106.34316  (14030117)                439240.72
 3749074.67       82.07687  (15060407)
       439217.60   3749084.06       72.16745  (15060407)                439205.31
 3749089.84       66.07039  (15060407)
       439192.07   3749096.35       59.65563  (15060407)                439179.54
 3749103.09       54.62691  (14091624)
       439169.91   3749108.15       51.88733  (14091624)                439157.14
 3749113.69       48.75813  (14091624)
       439137.63   3749079.00       59.39779  (15082107)                439113.31
 3749079.24       53.64924  (15082107)
       439099.82   3749078.76       50.14643  (15082107)                439085.37
 3749079.00       46.15689  (15082107)
       439071.88   3749078.76       44.44846  (14090307)                439045.63
 3749077.56       44.21276  (14090307)
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       438992.40   3749075.39       39.60790  (14090307)              438978.19
3749072.74       38.13704  (14090307)
       438963.01   3749071.06       36.16750  (14090307)              438947.12
3749069.13       33.97799  (14090307)
       438932.42   3749067.44       31.87816  (14090307)              438917.49
3749065.27       29.71637  (14090307)
       438902.80   3749063.11       27.59441  (14090307)              438888.11
3749060.22       25.46588  (14090307)
       438870.76   3749057.57       23.07208  (14090307)              438854.87
3749058.05       21.52742  (16111017)
       438838.01   3749060.22       20.57703  (12110807)              438779.48
3749017.83       18.50740  (16020622)
       438784.54   3749046.01       18.31920  (13022723)              438762.86
3749004.58       17.91761  (16020622)
       438815.85   3749066.24       19.42791  (12110807)              439042.50
3748895.54       65.19761  (12110208)
       439038.53   3748865.79       75.10130  (14091702)              438999.14
3748811.38       89.85410  (12082902)
       438921.22   3748750.74       66.21268  (16092801)              438794.05
3748719.90       18.46744  (15090107)
       438730.91   3748880.70       17.89331  (12110208)              438748.55
3748863.05       18.79898  (12110208)
       438764.63   3748843.83       18.92987  (12110208)              438785.55
3748816.73       17.51818  (12110208)
       438805.14   3748787.97       17.67650  (14100223)              438803.16
3748750.85       18.88165  (15090107)
       438788.42   3748703.24       17.79253  (15051418)              438780.49
3748674.05       16.80768  (15051418)
       438768.87   3748645.43       15.08811  (15051418)              438751.58
3748620.50       14.21292  (15101001)
       438730.33   3748595.84       13.28331  (12010418)              438712.19
3748572.04       12.49474  (12010418)
       438693.49   3748548.80       11.67393  (12010418)              438676.77
3748525.00       11.09010  (15021122)
       438655.80   3748497.80       10.56314  (15021122)              438639.08
3748475.69       10.17402  (12091406)
       438619.53   3748452.46        9.74523  (15103023)              438600.26
3748429.79        9.40172  (15103023)
       438580.71   3748404.57        9.00677  (15103023)              438561.44
3748384.17        8.67504  (15103023)
       438540.75   3748363.76        8.34469  (15103023)              438520.92
3748341.09        8.01945  (15103023)
       438499.95   3748320.41        7.68856  (15103023)              438735.66
3748992.65       16.98284  (15121817)
       438675.26   3748985.08       14.62639  (15121817)              439331.05
3749107.64      108.27882  (13042407)
       439341.93   3749117.09      110.13345  (13042407)              439353.60
3749127.33      105.62950  (13042407)
       439366.09   3749137.37      100.27244  (15011116)              439375.72
3749143.92       93.21830  (15011116)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): LOAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
439955.02	3748605.92	61.44045	(14070501)	439983.17	3748614.22	59.01182	(13072706)
440006.24	3748617.45	56.34952	(13072706)	440071.32	3748624.38	53.60042	(14082822)
440087.93	3748639.61	55.70478	(13083023)	440117.00	3748766.98	55.66674	(13090106)
439940.25	3748575.00	61.19845	(12101806)	439996.09	3748506.23	52.81226	(13090723)
440023.32	3748475.77	50.10985	(13090723)	440043.16	3748463.78	48.40236	(13090723)
440054.70	3748448.55	47.27947	(15091022)	440063.47	3748429.62	46.23969	(15091022)
440072.29	3748414.84	45.04555	(15091022)	440083.83	3748396.38	44.47037	(12072106)
440096.29	3748378.84	43.59838	(12072106)	440105.06	3748361.76	42.58863	(12072106)

```
       440106.91   3748342.84       40.97911  (15081801)                440120.75
 3748318.84       40.38008  (14072203)
       440122.71   3748286.94       39.67918  (12081622)                440117.33
 3748252.65       39.00733  (15082106)
       440121.30   3748218.07       37.92228  (15052924)                440128.10
 3748298.00       39.59753  (14072203)
       440266.27   3748117.44       31.37273  (15082106)                440165.45
 3747898.52       30.14955  (14083024)
       440191.34   3747915.00       29.47399  (15092620)                440206.64
 3747939.32       30.67861  (15092721)
       440247.44   3747944.82       29.05499  (12071304)                440266.66
 3747950.70       28.66285  (12071304)
       440283.14   3747959.73       28.09627  (14091223)                440300.01
 3747969.14       28.62164  (14091223)
       440321.20   3747989.15       28.11823  (16101023)                440293.34
 3748093.90       29.73788  (15082106)
       440300.01   3748071.14       29.29512  (15052924)                440307.86
 3748048.39       28.97449  (15052924)
       440314.13   3748028.38       28.67104  (12010519)                440320.02
 3748006.80       28.38817  (12010519)
       440335.28   3747569.25       22.19257  (15091023)                440507.19
 3748971.21       28.53217  (12080923)
       439956.03   3749044.31       28.36658  (12041107)                439952.87
 3748770.03       32.69457  (14090722)
       438863.85   3748859.31       44.87613  (14091702)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  OFFSITE  ***
                                 INCLUDING SOURCE(S):     L0000406    , L0000407
 , L0000408    , L0000409    , L0000410    ,
                  L0000411    , L0000412    , L0000413    , L0000414    , L0000415
 , L0000416    , L0000417    , L0000418    ,
                  L0000419    , L0000420    , L0000421    , L0000422    , L0000423
 , L0000424    , L0000425    , L0000426    ,
                  L0000427    , L0000428    , L0000429    , L0000430    , L0000431
 , L0000432    , L0000433    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
439259.97	3749072.65	53.61302	(13112916)	439277.61	3749070.69	52.54931	(13112916)
439298.40	3749082.06	47.87362	(13112916)	439312.13	3749091.08	44.95625	(13112916)
439321.93	3749098.54	42.89608	(13112916)	439240.72	3749074.67	53.91651	(13112916)
439217.60	3749084.06	48.90549	(13112916)	439205.31	3749089.84	44.28418	(13112916)
439192.07	3749096.35	38.83134	(13042407)	439179.54	3749103.09	38.59634	(13042407)
439169.91	3749108.15	38.26876	(13042407)	439157.14	3749113.69	37.74283	(13042407)
439137.63	3749079.00	48.19450	(13042407)	439113.31	3749079.24	48.72374	(14030117)
439099.82	3749078.76	49.94729	(14030117)	439085.37	3749079.00	49.79798	(14030117)
439071.88	3749078.76	48.39982	(14030117)	439045.63	3749077.56	44.71596	(13083019)
438992.40	3749075.39	43.20196	(14091624)	438978.19	3749072.74	42.26707	(14091624)
438963.01	3749071.06	40.75862	(14091701)	438947.12	3749069.13	40.69185	(15082107)
438932.42	3749067.44	39.74096	(15082107)	438917.49	3749065.27	38.09573	(15082107)
438902.80	3749063.11	35.87942	(15082107)	438888.11	3749060.22	33.50491	(14091620)
438870.76	3749057.57	34.05816	(14090307)	438854.87	3749058.05	33.47521	(14090307)
438838.01	3749060.22	32.14228	(14090307)	438779.48	3749017.83	29.22665	(14090307)
438784.54	3749046.01	29.72099	(14090307)	438762.86	3749004.58	25.60624	(14090307)
438815.85	3749066.24	29.64561	(14090307)	439042.50	3748895.54	156.52242	(12110208)
439038.53	3748865.79	105.06266	(15090107)	438999.14	3748811.38	74.05072	(12091422)
438921.22	3748750.74	50.86933	(12091422)	438794.05	3748719.90	20.54851	(15090107)
438730.91	3748880.70	23.59585	(15090407)	438748.55	3748863.05	24.24644	(12110208)
438764.63	3748843.83	25.60144	(12110208)	438785.55	3748816.73	25.01757	(12110208)
438805.14	3748787.97	22.83690	(12110208)	438803.16	3748750.85	22.03181	(15090107)
438788.42	3748703.24	19.55202	(15090107)	438780.49			

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
                                   INCLUDING SOURCE(S):   L0000406   , L0000407
 , L0000408   , L0000409   , L0000410   ,
                 L0000411   , L0000412   , L0000413   , L0000414   , L0000415
 , L0000416   , L0000417   , L0000418   ,
                 L0000419   , L0000420   , L0000421   , L0000422   , L0000423

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 , L0000424    , L0000425    , L0000426    ,
                 L0000427    , L0000428    , L0000429    , L0000430    , L0000431
 , L0000432    , L0000433    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        439955.02   3748605.92       54.16150  (16060224)               439983.17
 3748614.22       51.61094  (13062922)
        440006.24   3748617.45       50.69711  (12080801)               440071.32
 3748624.38       51.62548  (14080406)
        440087.93   3748639.61       49.41199  (14080406)               440117.00
 3748766.98       45.59441  (13072702)
        439940.25   3748575.00       54.37141  (14092524)               439996.09
 3748506.23       48.33052  (13072706)
        440023.32   3748475.77       45.74211  (12091105)               440043.16
 3748463.78       43.92740  (12091105)
        440054.70   3748448.55       42.64375  (14070501)               440063.47
 3748429.62       42.07846  (12080724)
        440072.29   3748414.84       41.27587  (12080724)               440083.83
 3748396.38       39.76114  (12080724)
        440096.29   3748378.84       38.36390  (12080624)               440105.06
 3748361.76       37.71992  (12101806)
        440106.91   3748342.84       37.36502  (15082624)               440120.75
 3748318.84       36.08509  (13090722)
        440122.71   3748286.94       35.20635  (13090723)               440117.33
 3748252.65       34.27932  (15091022)
        440121.30   3748218.07       33.71343  (14092422)               440128.10
 3748298.00       35.50083  (13090722)
        440266.27   3748117.44       28.18029  (14092422)               440165.45
 3747898.52       25.26107  (12071304)
        440191.34   3747915.00       25.41220  (14091223)               440206.64
 3747939.32       25.94321  (16101023)
        440247.44   3747944.82       24.79824  (12010519)               440266.66
 3747950.70       24.70027  (15052924)
        440283.14   3747959.73       24.91365  (15082106)               440300.01
 3747969.14       25.20291  (12081622)
        440321.20   3747989.15       24.74257  (12081622)               440293.34
 3748093.90       27.10512  (12072106)
        440300.01   3748071.14       26.24371  (15081801)               440307.86
 3748048.39       25.81083  (14072203)
        440314.13   3748028.38       25.66458  (14072203)               440320.02
 3748006.80       25.16548  (14072203)
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*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: REF   ***
                                INCLUDING SOURCE(S):   REF   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       439259.97   3749072.65   109.09664 (16121606)   439277.61
 3749070.69   131.57828 (14030117)
       439298.40   3749082.06   132.32227 (14030117)   439312.13
 3749091.08   114.04258 (14030117)
       439321.93   3749098.54   123.52228 (13042407)   439240.72
 3749074.67   101.88341 (12022701)
       439217.60   3749084.06   90.25981 (13092602)   439205.31
 3749089.84   83.54229 (13092602)
       439192.07   3749096.35   78.43604 (13083019)   439179.54
 3749103.09   73.31445 (13083019)
       439169.91   3749108.15   69.42703 (13083019)   439157.14
 3749113.69   64.58209 (13083019)
       439137.63   3749079.00   70.79412 (14091701)   439113.31
 3749079.24   66.65544 (15082107)
       439099.82   3749078.76   65.33550 (15082107)   439085.37
 3749079.00   62.28231 (15082107)
       439071.88   3749078.76   58.65422 (15082107)   439045.63
 3749077.56   53.21952 (14091620)
       438992.40   3749075.39   46.70092 (14090307)   438978.19
 3749072.74   47.77474 (14090307)
       438963.01   3749071.06   47.44628 (14090307)   438947.12
 3749069.13   46.30705 (14090307)

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       438932.42   3749067.44       44.58275  (14090307)                438917.49
3749065.27       42.35622  (14090307)
       438902.80   3749063.11       39.75712  (14090307)                438888.11
3749060.22       36.81776  (14090307)
       438870.76   3749057.57       33.18237  (14090307)                438854.87
3749058.05       30.40415  (16111017)
       438838.01   3749060.22       29.14368  (16111017)                438779.48
3749017.83       26.05969  (13022723)
       438784.54   3749046.01       25.91202  (15120221)                438762.86
3749004.58       25.25522  (16020622)
       438815.85   3749066.24       27.51827  (16111017)                439042.50
3748895.54       82.54573  (15090407)
       439038.53   3748865.79       87.37878  (12110208)                438999.14
3748811.38      102.04907  (15101021)
       438921.22   3748750.74       75.93962  (15101222)                438794.05
3748719.90       26.31050  (15090107)
       438730.91   3748880.70       24.23790  (12110208)                438748.55
3748863.05       26.58409  (12110208)
       438764.63   3748843.83       27.17327  (12110208)                438785.55
3748816.73       24.58502  (14100222)
       438805.14   3748787.97       25.24456  (15012520)                438803.16
3748750.85       24.87637  (12101722)
       438788.42   3748703.24       25.73997  (15090107)                438780.49
3748674.05       22.76611  (15090107)
       438768.87   3748645.43       21.57191  (13050224)                438751.58
3748620.50       20.52320  (15101001)
       438730.33   3748595.84       19.12231  (15101001)                438712.19
3748572.04       18.04188  (12010418)
       438693.49   3748548.80       16.82067  (12010418)                438676.77
3748525.00       15.92649  (13030118)
       438655.80   3748497.80       15.16946  (15021122)                438639.08
3748475.69       14.64642  (15021122)
       438619.53   3748452.46       13.99338  (12091406)                438600.26
3748429.79       13.42218  (12091406)
       438580.71   3748404.57       12.90882  (15103023)                438561.44
3748384.17       12.47076  (15103023)
       438540.75   3748363.76       12.01350  (15103023)                438520.92
3748341.09       11.55151  (15103023)
       438499.95   3748320.41       11.06695  (15103023)                438735.66
3748992.65       23.93104  (16020622)
       438675.26   3748985.08       20.45901  (14111723)                439331.05
3749107.64      132.52703  (13042407)
       439341.93   3749117.09      134.26061  (13042407)                439353.60
3749127.33      126.21291  (15011116)
       439366.09   3749137.37      114.29691  (15011116)                439375.72
3749143.92      100.49438  (15011116)
       439388.41   3749153.54       78.35758  (15011116)                439400.49
3749162.14       66.69158  (16111019)
       439413.60   3749169.92       62.98639  (15101020)                439425.68
3749178.11       60.01426  (15101020)
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       439955.02   3748605.92   86.25427 (13072706)   439983.17
 3748614.22   80.44102 (15011018)
       440006.24   3748617.45   78.28349 (12110620)   440071.32
 3748624.38   74.90409 (12081002)
       440087.93   3748639.61   74.77335 (16081722)   440117.00
 3748766.98   74.58226 (12081902)
       439940.25   3748575.00   86.16767 (12080724)   439996.09
 3748506.23   74.62980 (15082624)
       440023.32   3748475.77   69.25209 (13081501)   440043.16
 3748463.78   67.33635 (13090722)
       440054.70   3748448.55   65.69797 (13090723)   440063.47
 3748429.62   64.94343 (13090723)
       440072.29   3748414.84   63.96510 (15091022)   440083.83
 3748396.38   62.68441 (15091022)
       440096.29   3748378.84   60.43619 (15091022)   440105.06
 3748361.76   59.19237 (15101323)
       440106.91   3748342.84   59.40860 (12072106)   440120.75
 3748318.84   56.91379 (15081801)
       440122.71   3748286.94   55.93413 (14072203)   440117.33
 3748252.65   56.19890 (12081622)

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       440121.30   3748218.07       54.50324  (15082106)               440128.10
 3748298.00       56.06955  (14072203)
       440266.27   3748117.44       45.07445  (12081622)               440165.45
 3747898.52       43.60587  (12091922)
       440191.34   3747915.00       42.47424  (15092721)               440206.64
 3747939.32       43.98807  (13090521)
       440247.44   3747944.82       41.76398  (12071304)               440266.66
 3747950.70       40.03280  (13052402)
       440283.14   3747959.73       41.14649  (14091223)               440300.01
 3747969.14       40.27508  (16101023)
       440321.20   3747989.15       39.89640  (12010519)               440293.34
 3748093.90       42.59218  (12081622)
       440300.01   3748071.14       42.39344  (12080124)               440307.86
 3748048.39       41.28502  (12080124)
       440314.13   3748028.38       41.10109  (15052924)               440320.02
 3748006.80       40.25861  (12010519)
       440335.28   3747569.25       31.74984  (12083102)               440507.19
 3748971.21       33.76916  (13082723)
       439956.03   3749044.31       35.27291  (12041107)               439952.87
 3748770.03       36.44616  (13041407)
       438863.85   3748859.31       43.86372  (16110919)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

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

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPILL    ***
                                  INCLUDING SOURCE(S):     SPILL       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        439259.97   3749072.65      134.67218  (16121606)               439277.61
 3749070.69      149.28389  (14030117)
        439298.40   3749082.06      153.16905  (14030117)               439312.13
 3749091.08      133.35941  (15100406)
        439321.93   3749098.54      133.38856  (13042407)               439240.72
 3749074.67      125.79290  (12022701)
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       439217.60   3749084.06      111.55663  (13092602)               439205.31
3749089.84      103.00416  (13092602)
       439192.07   3749096.35       96.56119  (13083019)               439179.54
3749103.09       90.55888  (13083019)
       439169.91   3749108.15       85.70051  (13083019)               439157.14
3749113.69       79.26914  (13083019)
       439137.63   3749079.00       86.92718  (14091701)               439113.31
3749079.24       80.36856  (14091701)
       439099.82   3749078.76       79.13280  (15082107)               439085.37
3749079.00       76.32941  (15082107)
       439071.88   3749078.76       71.96956  (15082107)               439045.63
3749077.56       65.58392  (14091620)
       438992.40   3749075.39       54.31164  (16100301)               438978.19
3749072.74       55.78963  (14090307)
       438963.01   3749071.06       56.99084  (14090307)               438947.12
3749069.13       56.71883  (14090307)
       438932.42   3749067.44       55.11141  (14090307)               438917.49
3749065.27       52.43742  (14090307)
       438902.80   3749063.11       48.91443  (14090307)               438888.11
3749060.22       44.63114  (14090307)
       438870.76   3749057.57       39.23875  (14090307)               438854.87
3749058.05       37.75346  (16111017)
       438838.01   3749060.22       36.20701  (16111017)               438779.48
3749017.83       32.27924  (13022723)
       438784.54   3749046.01       32.16457  (15120221)               438762.86
3749004.58       31.23416  (16020622)
       438815.85   3749066.24       34.19128  (16111017)               439042.50
3748895.54       97.24749  (15090407)
       439038.53   3748865.79      105.47790  (12110208)               438999.14
3748811.38      118.80572  (15101021)
       438921.22   3748750.74       87.89459  (15101222)               438794.05
3748719.90       32.48985  (15090107)
       438730.91   3748880.70       29.34627  (12110208)               438748.55
3748863.05       32.92267  (12110208)
       438764.63   3748843.83       33.21595  (12110208)               438785.55
3748816.73       30.51955  (14100222)
       438805.14   3748787.97       31.37538  (15012520)               438803.16
3748750.85       30.91695  (12101722)
       438788.42   3748703.24       31.97658  (15090107)               438780.49
3748674.05       28.10387  (14110522)
       438768.87   3748645.43       26.81222  (13050224)               438751.58
3748620.50       25.54149  (15101001)
       438730.33   3748595.84       23.71731  (12010418)               438712.19
3748572.04       22.45739  (12010418)
       438693.49   3748548.80       20.82304  (12010418)               438676.77
3748525.00       19.84780  (13030118)
       438655.80   3748497.80       18.86306  (15021122)               438639.08
3748475.69       18.24719  (15021122)
       438619.53   3748452.46       17.40423  (12091406)               438600.26
3748429.79       16.68974  (12091406)
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       438580.71   3748404.57       16.03915  (15103023)               438561.44
 3748384.17       15.53317  (15103023)
       438540.75   3748363.76       14.97820  (15103023)               438520.92
 3748341.09       14.39668  (15103023)
       438499.95   3748320.41       13.77448  (15103023)               438735.66
 3748992.65       29.60608  (16020622)
       438675.26   3748985.08       25.39508  (14022723)               439331.05
 3749107.64      153.69850  (13042407)
       439341.93   3749117.09      162.72453  (13042407)               439353.60
 3749127.33      152.73907  (15011116)
       439366.09   3749137.37      137.00161  (15011116)               439375.72
 3749143.92      116.12118  (15011116)
       439388.41   3749153.54       85.74719  (16042722)               439400.49
 3749162.14       82.44661  (16111019)
       439413.60   3749169.92       77.41034  (15101020)               439425.68
 3749178.11       74.03797  (15101020)
       439449.64   3749192.86       73.10707  (16082607)               439473.05
 3749214.38       80.58031  (16082607)
       439800.83   3749040.52       92.54004  (12041107)               439873.79
 3748887.43       40.54727  (14070621)
       439887.64   3748802.52       53.46452  (13041407)               440077.78
 3748740.21       83.86973  (13090124)
       440019.17   3748682.06       83.61171  (15082924)               439929.64
 3748601.76      110.67217  (14070501)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        13:16:38

                                   PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SPILL    ***
                                  INCLUDING SOURCE(S):     SPILL       ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       439955.02   3748605.92      107.19094  (13072706)               439983.17
 3748614.22      100.33363  (15011018)
       440006.24   3748617.45       97.67734  (12110620)               440071.32
 3748624.38       93.04003  (12081002)
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       440087.93   3748639.61       92.69812  (16081722)                440117.00
 3748766.98       92.07478  (12081902)
       439940.25   3748575.00      107.14634  (12080724)                439996.09
 3748506.23       93.18289  (15082624)
       440023.32   3748475.77       86.50012  (13081501)                440043.16
 3748463.78       84.11622  (13090722)
       440054.70   3748448.55       81.63708  (13090722)                440063.47
 3748429.62       81.13182  (13090723)
       440072.29   3748414.84       79.73343  (15091022)                440083.83
 3748396.38       78.27273  (15091022)
       440096.29   3748378.84       75.31332  (15101323)                440105.06
 3748361.76       73.89090  (15101323)
       440106.91   3748342.84       74.25701  (12072106)                440120.75
 3748318.84       71.13657  (15081801)
       440122.71   3748286.94       69.85744  (14072203)                440117.33
 3748252.65       70.32762  (12081622)
       440121.30   3748218.07       67.99477  (15082106)                440128.10
 3748298.00       69.78996  (14072203)
       440266.27   3748117.44       56.20146  (12081622)                440165.45
 3747898.52       54.63484  (12091922)
       440191.34   3747915.00       52.84665  (15092721)                440206.64
 3747939.32       55.07011  (13090521)
       440247.44   3747944.82       52.22704  (12071304)                440266.66
 3747950.70       50.17383  (13052402)
       440283.14   3747959.73       51.54323  (14091223)                440300.01
 3747969.14       50.28127  (16101023)
       440321.20   3747989.15       50.00494  (12010519)                440293.34
 3748093.90       53.07721  (12081622)
       440300.01   3748071.14       53.11723  (12080124)                440307.86
 3748048.39       51.22611  (12080124)
       440314.13   3748028.38       51.51858  (15052924)                440320.02
 3748006.80       50.10332  (12010519)
       440335.28   3747569.25       39.44102  (12083102)                440507.19
 3748971.21       40.83817  (13082723)
       439956.03   3749044.31       37.46610  (12041107)                439952.87
 3748770.03       45.18037  (13041407)
       438863.85   3748859.31       49.28269  (12110208)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
 , L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
 , L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
 , L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
 , L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        439259.97   3749072.65      564.72135  (12022701)               439277.61
 3749070.69      610.18336  (14030117)
        439298.40   3749082.06      650.76069  (14030117)               439312.13
 3749091.08      600.04279  (14030117)
        439321.93   3749098.54      535.87791  (14030117)               439240.72
 3749074.67      548.01231  (16111818)
        439217.60   3749084.06      501.63038  (13083019)               439205.31
 3749089.84      479.67635  (13083019)
        439192.07   3749096.35      453.99946  (13083019)               439179.54
 3749103.09      428.53208  (13083019)
        439169.91   3749108.15      409.58460  (13083019)               439157.14
 3749113.69      386.25169  (13083019)
        439137.63   3749079.00      426.13110  (14091701)               439113.31
 3749079.24      401.83086  (14091701)
        439099.82   3749078.76      384.01522  (14091701)               439085.37
 3749079.00      367.57633  (16092422)
        439071.88   3749078.76      352.60277  (15111920)               439045.63
 3749077.56      341.84609  (14091620)
        438992.40   3749075.39      308.83082  (14091620)               438978.19
 3749072.74      297.81849  (14091620)
        438963.01   3749071.06      284.94159  (14091620)               438947.12
 3749069.13      271.03243  (16100301)
        438932.42   3749067.44      264.19799  (14090307)               438917.49
 3749065.27      259.17950  (14090307)
        438902.80   3749063.11      252.13373  (14090307)               438888.11
 3749060.22      243.64612  (14090307)
        438870.76   3749057.57      235.90112  (16111020)               438854.87
 3749058.05      228.26921  (16111020)
        438838.01   3749060.22      220.50511  (16111020)               438779.48
 3749017.83      193.93130  (15120221)
        438784.54   3749046.01      196.48939  (16111020)               438762.86
 3749004.58      188.05541  (15120221)
        438815.85   3749066.24      210.57248  (16111020)               439042.50
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 3748895.54      510.55898  (15090407)
       439038.53   3748865.79      452.80005  (12110208)                438999.14
 3748811.38      537.87965  (14112618)
       438921.22   3748750.74      404.71830  (15092024)                438794.05
 3748719.90      154.81525  (14100223)
       438730.91   3748880.70      160.56741  (16102001)                438748.55
 3748863.05      164.69570  (15071823)
       438764.63   3748843.83      167.15252  (15091503)                438785.55
 3748816.73      165.21485  (16110222)
       438805.14   3748787.97      167.40051  (14100222)                438803.16
 3748750.85      161.86277  (14100222)
       438788.42   3748703.24      151.69466  (14051420)                438780.49
 3748674.05      148.39238  (14051420)
       438768.87   3748645.43      142.84545  (14051420)                438751.58
 3748620.50      136.33917  (14051420)
       438730.33   3748595.84      130.01187  (14051420)                438712.19
 3748572.04      124.18195  (14051420)
       438693.49   3748548.80      118.78229  (16102024)                438676.77
 3748525.00      114.55826  (16102024)
       438655.80   3748497.80      110.92642  (15101001)                438639.08
 3748475.69      108.44270  (15101001)
       438619.53   3748452.46      105.39232  (15101001)                438600.26
 3748429.79      102.45533  (15101001)
       438580.71   3748404.57       98.97144  (15101001)                438561.44
 3748384.17       96.13111  (15101001)
       438540.75   3748363.76       93.36507  (14100324)                438520.92
 3748341.09       90.72224  (12010418)
       438499.95   3748320.41       87.91791  (12010418)                438735.66
 3748992.65      180.64531  (13022723)
       438675.26   3748985.08      157.06571  (13022723)                439331.05
 3749107.64      568.62108  (13042407)
       439341.93   3749117.09      584.37506  (13042407)                439353.60
 3749127.33      557.22048  (13042407)
       439366.09   3749137.37      512.94457  (15011116)                439375.72
 3749143.92      466.37504  (15011116)
       439388.41   3749153.54      388.08372  (15011116)                439400.49
 3749162.14      323.96456  (16042722)
       439413.60   3749169.92      311.05978  (16111019)                439425.68
 3749178.11      301.37752  (15101020)
       439449.64   3749192.86      290.48219  (16082607)                439473.05
 3749214.38      293.91166  (16082607)
       439800.83   3749040.52      398.59718  (13112916)                439873.79
 3748887.43      553.92251  (14041207)
       439887.64   3748802.52      779.68921  (12041107)                440077.78
 3748740.21      591.32815  (15083001)
       440019.17   3748682.06      692.42093  (12071221)                439929.64
 3748601.76      821.44546  (12091105)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
439955.02	3748605.92	781.02083	(12091101)	439983.17	3748614.22	731.31689	(14082822)
440006.24	3748617.45	701.57421	(14090801)	440071.32	3748624.38	666.07782	(12080804)
440087.93	3748639.61	701.35834	(14091121)	440117.00	3748766.98	557.70709	(12081001)
439940.25	3748575.00	820.97893	(12080724)	439996.09	3748506.23	774.10276	(12080724)
440023.32	3748475.77	765.57515	(15082624)	440043.16	3748463.78	734.62279	(15082624)
440054.70	3748448.55	723.93959	(15082624)	440063.47	3748429.62	710.61585	(13090723)
440072.29	3748414.84	706.82727	(13090723)	440083.83	3748396.38	692.79837	(13090723)
440096.29	3748378.84	679.93406	(15091022)	440105.06	3748361.76	665.80092	(15091022)
440106.91	3748342.84	666.20408	(12072106)	440120.75	3748318.84	646.59564	(12072106)
440122.71	3748286.94	624.05246	(13082401)	440117.33	3748252.65	616.34001	(12081622)
440121.30	3748218.07	589.87198	(15082106)	440128.10	3748298.00	626.96402	(15081801)
440266.27	3748117.44	485.47233	(12081622)	440165.45	3747898.52	398.18347	(14083024)

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       440191.34   3747915.00      401.55019  (12091922)                440206.64
 3747939.32      425.73426  (15092721)
       440247.44   3747944.82      416.18327  (12071304)                440266.66
 3747950.70      416.43561  (12071304)
       440283.14   3747959.73      413.61743  (12081224)                440300.01
 3747969.14      422.69116  (12081224)
       440321.20   3747989.15      418.98626  (16101023)                440293.34
 3748093.90      459.73632  (12081622)
       440300.01   3748071.14      454.34888  (15082106)                440307.86
 3748048.39      442.35019  (16040522)
       440314.13   3748028.38      434.27883  (16040522)                440320.02
 3748006.80      427.34243  (12010519)
       440335.28   3747569.25      291.04296  (12081621)                440507.19
 3748971.21      242.34385  (13091320)
       439956.03   3749044.31      194.52435  (12083019)                439952.87
 3748770.03      544.69863  (12041107)
       438863.85   3748859.31      278.08288  (16110902)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38

                                  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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


                        NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

B1IDLE    1ST HIGHEST VALUE IS      6.15889 AT (  439940.25,  3748575.00,
215.83,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS      6.12202 AT (  439929.64,  3748601.76,
215.71,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS      5.66136 AT (  439955.02,  3748605.92,
216.91,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS      5.39667 AT (  439983.17,  3748614.22,
213.77,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS      5.21941 AT (  440006.24,  3748617.45,
211.25,  1142.09,    0.00)  DC
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          6TH HIGHEST VALUE IS       5.11334 AT (  439996.09,  3748506.23,
215.92,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS       4.90804 AT (  438999.14,  3748811.38,
169.34,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS       4.63923 AT (  440023.32,  3748475.77,
213.15,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS       4.55917 AT (  439038.53,  3748865.79,
163.76,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS       4.55370 AT (  440071.32,  3748624.38,
201.11,  1142.09,    0.00)  DC

B1ON      1ST HIGHEST VALUE IS       6.73940 AT (  439929.64,  3748601.76,
215.71,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS       6.49553 AT (  439940.25,  3748575.00,
215.83,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS       6.26447 AT (  439955.02,  3748605.92,
216.91,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS       5.99695 AT (  439983.17,  3748614.22,
213.77,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS       5.78938 AT (  440006.24,  3748617.45,
211.25,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS       5.40226 AT (  440071.32,  3748624.38,
201.11,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS       5.22780 AT (  440019.17,  3748682.06,
178.19,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS       5.14922 AT (  440087.93,  3748639.61,
190.93,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS       4.95660 AT (  439996.09,  3748506.23,
215.92,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS       4.86309 AT (  439887.64,  3748802.52,
161.93,  1142.09,    0.00)  DC

B2IDLE    1ST HIGHEST VALUE IS      18.18268 AT (  439887.64,  3748802.52,
161.93,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS      13.78632 AT (  439952.87,  3748770.03,
164.04,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS      12.94672 AT (  440019.17,  3748682.06,
178.19,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS      11.59644 AT (  439873.79,  3748887.43,
156.27,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS      11.38419 AT (  440077.78,  3748740.21,
180.48,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS       8.38196 AT (  440117.00,  3748766.98,
190.42,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS       7.45026 AT (  440087.93,  3748639.61,
190.93,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS       6.21412 AT (  439800.83,  3749040.52,
147.53,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS       5.87052 AT (  440071.32,  3748624.38,
201.11,  1142.09,    0.00)  DC
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         10TH HIGHEST VALUE IS       5.70963 AT (  440006.24,  3748617.45,
211.25,  1142.09,    0.00)  DC

B2ON      1ST HIGHEST VALUE IS      12.01805 AT (  439887.64,  3748802.52,
161.93,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS      11.21816 AT (  440019.17,  3748682.06,
178.19,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS      10.00877 AT (  439952.87,  3748770.03,
164.04,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS       8.79896 AT (  440077.78,  3748740.21,
180.48,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS       8.12773 AT (  440087.93,  3748639.61,
190.93,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS       7.88893 AT (  439873.79,  3748887.43,
156.27,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS       7.37234 AT (  439929.64,  3748601.76,
215.71,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS       7.17836 AT (  439983.17,  3748614.22,
213.77,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS       7.17802 AT (  439955.02,  3748605.92,
216.91,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS       6.99884 AT (  440006.24,  3748617.45,
211.25,  1142.09,    0.00)  DC
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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


                        NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

B3IDLE    1ST HIGHEST VALUE IS      28.75684 AT (  439887.64,  3748802.52,
161.93,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS      20.31541 AT (  439952.87,  3748770.03,
164.04,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS      15.99096 AT (  440019.17,  3748682.06,
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178.19,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS      15.76426 AT (  439873.79,  3748887.43,
156.27,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS      14.21862 AT (  440077.78,  3748740.21,
180.48,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS       9.99032 AT (  440117.00,  3748766.98,
190.42,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS       8.25103 AT (  440087.93,  3748639.61,
190.93,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS       7.17489 AT (  439800.83,  3749040.52,
147.53,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS       6.42968 AT (  440071.32,  3748624.38,
201.11,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS       6.19097 AT (  440006.24,  3748617.45,
211.25,  1142.09,    0.00)  DC

B3ON      1ST HIGHEST VALUE IS      13.00740 AT (  439887.64,  3748802.52,
161.93,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS      11.92268 AT (  440019.17,  3748682.06,
178.19,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS      10.77003 AT (  439952.87,  3748770.03,
164.04,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS       9.13255 AT (  440077.78,  3748740.21,
180.48,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS       8.49240 AT (  440087.93,  3748639.61,
190.93,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS       8.25204 AT (  439873.79,  3748887.43,
156.27,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS       7.82113 AT (  439929.64,  3748601.76,
215.71,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS       7.61766 AT (  439983.17,  3748614.22,
213.77,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS       7.61753 AT (  439955.02,  3748605.92,
216.91,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS       7.41073 AT (  440006.24,  3748617.45,
211.25,  1142.09,    0.00)  DC

B4IDLE    1ST HIGHEST VALUE IS      15.16338 AT (  439929.64,  3748601.76,
215.71,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS      13.70600 AT (  439940.25,  3748575.00,
215.83,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS      13.36922 AT (  439955.02,  3748605.92,
216.91,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS      11.74985 AT (  439983.17,  3748614.22,
213.77,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS      10.80564 AT (  440006.24,  3748617.45,
211.25,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS      10.25930 AT (  440087.93,  3748639.61,
190.93,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS       9.89547 AT (  440071.32,  3748624.38,
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201.11,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS       9.18942 AT (  440019.17,  3748682.06,
178.19,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS       7.64868 AT (  439887.64,  3748802.52,
161.93,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS       7.38432 AT (  439952.87,  3748770.03,
164.04,  1142.09,    0.00)  DC

B4ON      1ST HIGHEST VALUE IS      10.16463 AT (  440019.17,  3748682.06,
178.19,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS       9.81762 AT (  439929.64,  3748601.76,
215.71,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS       9.15363 AT (  439955.02,  3748605.92,
216.91,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS       8.83047 AT (  439887.64,  3748802.52,
161.93,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS       8.80723 AT (  440087.93,  3748639.61,
190.93,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS       8.67386 AT (  439983.17,  3748614.22,
213.77,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS       8.24581 AT (  440006.24,  3748617.45,
211.25,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS       8.04529 AT (  439952.87,  3748770.03,
164.04,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS       8.01683 AT (  439940.25,  3748575.00,
215.83,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS       7.90503 AT (  440071.32,  3748624.38,
201.11,  1142.09,    0.00)  DC
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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


                        NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
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B5IDLE    1ST HIGHEST VALUE IS     21.94229 AT (  439929.64,  3748601.76,
215.71,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS     18.89750 AT (  439955.02,  3748605.92,
216.91,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS     18.56312 AT (  439940.25,  3748575.00,
215.83,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS     16.14549 AT (  439983.17,  3748614.22,
213.77,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS     14.45069 AT (  440006.24,  3748617.45,
211.25,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS     13.06890 AT (  440019.17,  3748682.06,
178.19,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS     12.73468 AT (  440087.93,  3748639.61,
190.93,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS     12.27161 AT (  440071.32,  3748624.38,
201.11,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS      9.81415 AT (  439887.64,  3748802.52,
161.93,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS      9.40228 AT (  439952.87,  3748770.03,
164.04,  1142.09,    0.00)  DC

B5ON      1ST HIGHEST VALUE IS     11.08568 AT (  440019.17,  3748682.06,
178.19,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS     10.52379 AT (  439929.64,  3748601.76,
215.71,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS      9.81231 AT (  439955.02,  3748605.92,
216.91,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS      9.39323 AT (  439887.64,  3748802.52,
161.93,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS      9.29225 AT (  439983.17,  3748614.22,
213.77,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS      9.24401 AT (  440087.93,  3748639.61,
190.93,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS      8.79200 AT (  440006.24,  3748617.45,
211.25,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS      8.59142 AT (  439952.87,  3748770.03,
164.04,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS      8.39907 AT (  439940.25,  3748575.00,
215.83,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS      8.25819 AT (  440071.32,  3748624.38,
201.11,  1142.09,    0.00)  DC

BREATHE   1ST HIGHEST VALUE IS     16.49504 AT (  439277.61,  3749070.69,
149.28,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS     15.92521 AT (  439298.40,  3749082.06,
148.15,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS     15.17432 AT (  439312.13,  3749091.08,
147.42,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS     15.15809 AT (  439259.97,  3749072.65,
149.55,  1142.09,    0.00)  DC
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          5TH HIGHEST VALUE IS      14.44934 AT (  439321.93,  3749098.54,
146.84,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS      13.76454 AT (  439240.72,  3749074.67,
149.76,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS      13.52018 AT (  439331.05,  3749107.64,
146.25,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS      12.59846 AT (  439341.93,  3749117.09,
145.54,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS      11.64303 AT (  439217.60,  3749084.06,
149.16,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS      11.60375 AT (  439353.60,  3749127.33,
144.46,  1142.09,    0.00)  DC

LOAD      1ST HIGHEST VALUE IS      16.49514 AT (  439277.61,  3749070.69,
149.28,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS      15.92529 AT (  439298.40,  3749082.06,
148.15,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS      15.17439 AT (  439312.13,  3749091.08,
147.42,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS      15.15820 AT (  439259.97,  3749072.65,
149.55,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS      14.44941 AT (  439321.93,  3749098.54,
146.84,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS      13.76465 AT (  439240.72,  3749074.67,
149.76,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS      13.52025 AT (  439331.05,  3749107.64,
146.25,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS      12.59852 AT (  439341.93,  3749117.09,
145.54,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS      11.64313 AT (  439217.60,  3749084.06,
149.16,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS      11.60380 AT (  439353.60,  3749127.33,
144.46,  1142.09,    0.00)  DC
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38

                                  PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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

                          NETWORK
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GROUP ID                        AVERAGE CONC                RECEPTOR  (XR, YR,
ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

OFFSITE   1ST HIGHEST VALUE IS      36.22397 AT (  439042.50,  3748895.54,
160.65,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS      28.86017 AT (  439038.53,  3748865.79,
163.76,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS      16.60698 AT (  438999.14,  3748811.38,
169.34,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS      10.36395 AT (  439240.72,  3749074.67,
149.76,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS      10.32485 AT (  439137.63,  3749079.00,
150.04,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS      10.25671 AT (  439259.97,  3749072.65,
149.55,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS      10.12589 AT (  439277.61,  3749070.69,
149.28,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS      10.06778 AT (  439113.31,  3749079.24,
150.48,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS       9.87623 AT (  439099.82,  3749078.76,
150.51,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS       9.86918 AT (  439217.60,  3749084.06,
149.16,  1142.09,    0.00)  DC

REF       1ST HIGHEST VALUE IS      15.43459 AT (  439277.61,  3749070.69,
149.28,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS      14.72810 AT (  439298.40,  3749082.06,
148.15,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS      14.34400 AT (  439259.97,  3749072.65,
149.55,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS      13.95499 AT (  439312.13,  3749091.08,
147.42,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS      13.25286 AT (  439321.93,  3749098.54,
146.84,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS      13.16814 AT (  439240.72,  3749074.67,
149.76,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS      12.38828 AT (  439331.05,  3749107.64,
146.25,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS      11.53511 AT (  439341.93,  3749117.09,
145.54,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS      11.25290 AT (  439217.60,  3749084.06,
149.16,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS      10.62679 AT (  439353.60,  3749127.33,
144.46,  1142.09,    0.00)  DC

SPILL     1ST HIGHEST VALUE IS      15.50869 AT (  439277.61,  3749070.69,
149.28,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS      14.80119 AT (  439298.40,  3749082.06,
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148.15,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS      14.40619 AT (  439259.97,  3749072.65,
149.55,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS      14.02311 AT (  439312.13,  3749091.08,
147.42,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS      13.31597 AT (  439321.93,  3749098.54,
146.84,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS      13.21968 AT (  439240.72,  3749074.67,
149.76,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS      12.44501 AT (  439331.05,  3749107.64,
146.25,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS      11.58578 AT (  439341.93,  3749117.09,
145.54,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS      11.29341 AT (  439217.60,  3749084.06,
149.16,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS      10.67125 AT (  439353.60,  3749127.33,
144.46,  1142.09,    0.00)  DC

ALL       1ST HIGHEST VALUE IS     144.41833 AT (  439887.64,  3748802.52,
161.93,  1142.09,    0.00)  DC
          2ND HIGHEST VALUE IS     124.10156 AT (  440019.17,  3748682.06,
178.19,  1142.09,    0.00)  DC
          3RD HIGHEST VALUE IS     120.73639 AT (  439952.87,  3748770.03,
164.04,  1142.09,    0.00)  DC
          4TH HIGHEST VALUE IS     105.51450 AT (  439873.79,  3748887.43,
156.27,  1142.09,    0.00)  DC
          5TH HIGHEST VALUE IS     104.64070 AT (  439929.64,  3748601.76,
215.71,  1142.09,    0.00)  DC
          6TH HIGHEST VALUE IS     104.60908 AT (  439277.61,  3749070.69,
149.28,  1142.09,    0.00)  DC
          7TH HIGHEST VALUE IS     102.47783 AT (  440077.78,  3748740.21,
180.48,  1142.09,    0.00)  DC
          8TH HIGHEST VALUE IS     100.97119 AT (  439298.40,  3749082.06,
148.15,  1142.09,    0.00)  DC
          9TH HIGHEST VALUE IS      98.77584 AT (  439259.97,  3749072.65,
149.55,  1142.09,    0.00)  DC
         10TH HIGHEST VALUE IS      97.46751 AT (  439955.02,  3748605.92,
216.91,  1142.09,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:16:38
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
B1IDLE HIGH 1ST HIGH VALUE IS	66.07970	ON 13091521:	AT (439929.64, 3748601.76, 215.71, 1142.09, 0.00)	DC	
B1ON HIGH 1ST HIGH VALUE IS	55.24973	ON 13072306:	AT (439929.64, 3748601.76, 215.71, 1142.09, 0.00)	DC	
B2IDLE HIGH 1ST HIGH VALUE IS	125.16104	ON 12080724:	AT (439929.64, 3748601.76, 215.71, 1142.09, 0.00)	DC	
B2ON HIGH 1ST HIGH VALUE IS	92.91543	ON 12041107:	AT (439887.64, 3748802.52, 161.93, 1142.09, 0.00)	DC	
B3IDLE HIGH 1ST HIGH VALUE IS	207.91573	ON 12041107:	AT (439887.64, 3748802.52, 161.93, 1142.09, 0.00)	DC	
B3ON HIGH 1ST HIGH VALUE IS	102.57040	ON 12041107:	AT (439887.64, 3748802.52, 161.93, 1142.09, 0.00)	DC	
B4IDLE HIGH 1ST HIGH VALUE IS	140.77549	ON 13072306:	AT (439929.64, 3748601.76, 215.71, 1142.09, 0.00)	DC	
B4ON HIGH 1ST HIGH VALUE IS	104.88554	ON 14080406:	AT (439929.64, 3748601.76, 215.71, 1142.09, 0.00)	DC	
B5IDLE HIGH 1ST HIGH VALUE IS	185.37248	ON 15080302:	AT (439929.64, 3748601.76, 215.71, 1142.09, 0.00)	DC	
B5ON HIGH 1ST HIGH VALUE IS	115.90649	ON 14080406:	AT (439929.64, 3748601.76, 215.71, 1142.09, 0.00)	DC	
BREATHE HIGH 1ST HIGH VALUE IS	125.13048	ON 14030117:	AT (439298.40, 3749082.06, 148.15, 1142.09, 0.00)	DC	
LOAD HIGH 1ST HIGH VALUE IS	125.02076	ON 14030117:	AT (439298.40,		

3749082.06,   148.15, 1142.09,   0.00) DC

OFFSITE HIGH   1ST HIGH VALUE IS   156.52242 ON 12110208: AT (439042.50,
3748895.54,   160.65, 1142.09,   0.00) DC

REF   HIGH   1ST HIGH VALUE IS   134.26061 ON 13042407: AT (439341.93,
3749117.09,   145.54, 1142.09,   0.00) DC

SPILL   HIGH   1ST HIGH VALUE IS   162.72453 ON 13042407: AT (439341.93,
3749117.09,   145.54, 1142.09,   0.00) DC

ALL   HIGH   1ST HIGH VALUE IS   821.44546 ON 12091105: AT (439929.64,
3748601.76,   215.71, 1142.09,   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   7 Warning Message(s)
 A Total of   1638 Informational Message(s)

 A Total of   43848 Hours Were Processed

 A Total of   1039 Calm Hours Identified

 A Total of   599 Missing Hours Identified (1.37 Percent)

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

    ********   WARNING MESSAGES   ********
 SO W320   945   PPARM: Input Parameter May Be Out-of-Range for Parameter
        VS
 SO W320   946   PPARM: Input Parameter May Be Out-of-Range for Parameter

```
       VS
 SO W320     947        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320     948        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320     949        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186    1394       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    1394       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 6/10/2024
** File: C:\Users\adadabhoy\Desktop\AERMOD\12630 Green River Ranch\12630 Ops
(Generators Only)\12630 Ops (Generators Only).ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\12630 O
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2189641 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "12630 Ops (Generators Only).err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
```

```
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      439438.240  3748604.220      178.510
   LOCATION STCK2        POINT      439545.760  3748572.284      189.530
   LOCATION STCK3        POINT      439777.569  3748574.586      175.140
   LOCATION STCK4        POINT      439785.238  3748832.848      158.900
   LOCATION STCK5        POINT      439549.230  3748788.343      162.870
** Source Parameters **
   SRCPARAM STCK1        0.0045625001     3.550   728.550     54.78      0.13

   SRCPARAM STCK2        0.0045625001     3.550   728.550     54.78      0.13

   SRCPARAM STCK3        0.0045625001     3.550   728.550     54.78      0.13

   SRCPARAM STCK4        0.0045625001     3.550   728.550     54.78      0.13

   SRCPARAM STCK5        0.0045625001     3.550   728.550     54.78      0.13


** Building Downwash **
   BUILDHGT STCK1           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK1           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK1           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK1           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK1           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK1           15.24    15.24    15.24    15.24    15.24    15.24

   BUILDHGT STCK2           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK2           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK2           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK2           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK2           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK2           15.24    15.24    15.24    15.24    15.24    15.24

   BUILDHGT STCK3           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK3           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK3           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK3           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK3           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK3           15.24    15.24    15.24    15.24    15.24    15.24

   BUILDHGT STCK4           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK4           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK4           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK4           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK4           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK4           15.24    15.24    15.24    15.24    15.24    15.24

   BUILDHGT STCK5           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK5           15.24    15.24    15.24    15.24    15.24    15.24
   BUILDHGT STCK5           15.24    15.24    15.24    15.24    15.24    15.24
```

BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDWID STCK1	288.88	288.26	280.26	263.75	239.23	207.44
BUILDWID STCK1	169.34	126.82	121.20	162.29	199.09	229.84
BUILDWID STCK1	253.60	269.66	280.55	284.11	279.03	283.29
BUILDWID STCK1	288.88	288.26	280.26	263.75	239.23	207.44
BUILDWID STCK1	169.34	126.82	121.20	162.29	199.09	229.84
BUILDWID STCK1	253.60	269.66	280.55	284.11	279.03	283.29
BUILDWID STCK2	110.68	123.24	132.05	136.85	137.49	133.96
BUILDWID STCK2	126.35	115.06	103.03	116.79	127.61	134.55
BUILDWID STCK2	137.40	136.08	130.62	121.20	108.14	96.29
BUILDWID STCK2	110.68	123.24	132.05	136.85	137.49	133.96
BUILDWID STCK2	126.35	115.06	103.03	116.79	127.61	134.55
BUILDWID STCK2	137.40	136.08	130.62	121.20	108.14	96.29
BUILDWID STCK3	101.61	113.65	122.30	127.24	128.32	125.49
BUILDWID STCK3	118.86	108.61	98.75	110.18	119.95	126.08
BUILDWID STCK3	128.38	126.77	121.32	112.18	99.63	88.79
BUILDWID STCK3	101.61	113.65	122.30	127.24	128.32	125.49
BUILDWID STCK3	118.86	108.61	98.75	110.18	119.95	126.08
BUILDWID STCK3	128.38	126.77	121.32	112.18	99.63	88.79
BUILDWID STCK4	115.30	134.47	149.56	160.11	165.79	166.43
BUILDWID STCK4	162.01	152.68	142.22	153.48	162.21	166.02
BUILDWID STCK4	164.78	158.53	147.47	131.93	112.57	95.38
BUILDWID STCK4	115.30	134.47	149.56	160.11	165.79	166.43
BUILDWID STCK4	162.01	152.68	142.22	153.48	162.21	166.02
BUILDWID STCK4	164.78	158.53	147.47	131.93	112.57	95.38
BUILDWID STCK5	113.12	130.23	143.38	152.18	156.35	158.76
BUILDWID STCK5	159.01	154.43	145.70	157.30	166.10	169.85
BUILDWID STCK5	168.44	161.92	150.47	134.45	114.35	96.72
BUILDWID STCK5	113.12	130.23	143.38	152.18	156.35	158.76
BUILDWID STCK5	159.01	154.43	145.70	157.30	166.10	169.85
BUILDWID STCK5	168.44	161.92	150.47	134.45	114.35	96.72
BUILDLEN STCK1	162.29	199.09	229.84	253.60	269.66	280.55
BUILDLEN STCK1	284.11	279.03	283.29	288.88	288.26	280.26
BUILDLEN STCK1	263.75	239.23	207.44	169.34	126.82	121.20
BUILDLEN STCK1	162.29	199.09	229.84	253.60	269.66	280.55
BUILDLEN STCK1	284.11	279.03	283.29	288.88	288.26	280.26
BUILDLEN STCK1	263.75	239.23	207.44	169.34	126.82	121.20
BUILDLEN STCK2	116.79	127.61	134.55	137.40	136.08	130.62
BUILDLEN STCK2	121.20	108.14	96.29	110.68	123.24	132.05
BUILDLEN STCK2	136.85	137.49	133.96	126.35	115.06	103.03
BUILDLEN STCK2	116.79	127.61	134.55	137.40	136.08	130.62

BUILDLEN	STCK2	121.20	108.14	96.29	110.68	123.24	132.05
BUILDLEN	STCK2	136.85	137.49	133.96	126.35	115.06	103.03
BUILDLEN	STCK3	110.18	119.95	126.08	128.38	126.77	121.32
BUILDLEN	STCK3	112.18	99.63	88.79	101.61	113.65	122.30
BUILDLEN	STCK3	127.24	128.32	125.49	118.86	108.61	98.75
BUILDLEN	STCK3	110.18	119.95	126.08	128.38	126.77	121.32
BUILDLEN	STCK3	112.18	99.63	88.79	101.61	113.65	122.30
BUILDLEN	STCK3	127.24	128.32	125.49	118.86	108.61	98.75
BUILDLEN	STCK4	153.48	162.21	166.02	164.78	158.53	147.47
BUILDLEN	STCK4	131.93	112.57	95.38	115.30	134.47	149.56
BUILDLEN	STCK4	160.11	165.79	166.43	162.01	152.68	142.22
BUILDLEN	STCK4	153.48	162.21	166.02	164.78	158.53	147.47
BUILDLEN	STCK4	131.93	112.57	95.38	115.30	134.47	149.56
BUILDLEN	STCK4	160.11	165.79	166.43	162.01	152.68	142.22
BUILDLEN	STCK5	157.30	166.10	169.85	168.44	161.92	150.47
BUILDLEN	STCK5	134.45	114.35	96.72	113.12	130.23	143.38
BUILDLEN	STCK5	152.18	156.35	158.76	159.01	154.43	145.70
BUILDLEN	STCK5	157.30	166.10	169.85	168.44	161.92	150.47
BUILDLEN	STCK5	134.45	114.35	96.72	113.12	130.23	143.38
BUILDLEN	STCK5	152.18	156.35	158.76	159.01	154.43	145.70
XBADJ	STCK1	-50.66	-92.40	-131.33	-166.27	-196.16	-220.08
XBADJ	STCK1	-237.33	-247.36	-257.93	-264.91	-266.39	-261.18
XBADJ	STCK1	-248.03	-227.34	-199.75	-166.08	-128.09	-113.82
XBADJ	STCK1	-111.63	-106.69	-98.51	-87.34	-73.51	-60.47
XBADJ	STCK1	-46.78	-31.68	-25.36	-23.97	-21.86	-19.08
XBADJ	STCK1	-15.72	-11.89	-7.69	-3.26	1.27	-7.38
XBADJ	STCK2	-4.14	-3.61	-2.97	-2.24	-1.45	-0.61
XBADJ	STCK2	0.25	1.06	-1.14	-16.11	-32.12	-47.15
XBADJ	STCK2	-60.75	-72.50	-82.05	-89.11	-93.61	-97.88
XBADJ	STCK2	-112.65	-124.00	-131.58	-135.16	-134.63	-130.02
XBADJ	STCK2	-121.45	-109.19	-95.15	-94.57	-91.12	-84.90
XBADJ	STCK2	-76.10	-64.99	-51.91	-37.24	-21.45	-5.15
XBADJ	STCK3	-21.80	-36.23	-49.56	-61.39	-71.35	-79.14
XBADJ	STCK3	-84.53	-87.35	-88.89	-103.34	-114.64	-122.47
XBADJ	STCK3	-126.57	-126.82	-123.23	-115.89	-105.02	-92.05
XBADJ	STCK3	-88.38	-83.72	-76.52	-66.99	-55.42	-42.17
XBADJ	STCK3	-27.64	-12.27	0.10	1.73	1.00	0.16
XBADJ	STCK3	-0.68	-1.49	-2.27	-2.97	-3.59	-6.70
XBADJ	STCK4	-153.22	-162.20	-166.25	-165.26	-159.24	-148.38
XBADJ	STCK4	-133.02	-113.61	-92.13	-91.00	-87.11	-80.57
XBADJ	STCK4	-71.58	-60.42	-47.42	-32.99	-17.54	-2.64
XBADJ	STCK4	-0.26	-0.01	0.24	0.48	0.71	0.91
XBADJ	STCK4	1.09	1.04	-3.25	-24.29	-47.36	-68.99

```
   XBADJ    STCK4          -88.52  -105.36  -119.00  -129.03  -135.13  -139.58

   XBADJ    STCK5          -96.42   -91.34   -83.50   -73.11   -60.50   -46.06
   XBADJ    STCK5          -30.21   -13.45    -0.43    -0.83    -5.36    -9.72
   XBADJ    STCK5          -13.79   -17.44   -23.55   -31.60   -38.70   -45.16
   XBADJ    STCK5          -60.88   -74.75   -86.35   -95.33  -101.41  -104.41
   XBADJ    STCK5         -104.24  -100.90   -96.29  -112.29  -124.87  -133.66
   XBADJ    STCK5         -138.39  -138.91  -135.22  -127.41  -115.73  -100.54

   YBADJ    STCK1          120.47   122.27   121.05   116.15   107.73    96.03
   YBADJ    STCK1           81.41    64.68    53.22    30.49     7.15   -16.41
   YBADJ    STCK1          -39.46   -61.32   -79.81   -95.27  -107.84  -116.29
   YBADJ    STCK1         -120.47  -122.27  -121.05  -116.15  -107.73   -96.03
   YBADJ    STCK1          -81.41   -64.68   -53.22   -30.49    -7.15    16.41
   YBADJ    STCK1           39.46    61.32    79.81    95.27   107.84   116.29

   YBADJ    STCK2          -39.23   -29.50   -18.88    -7.68     3.75    15.07
   YBADJ    STCK2           25.93    36.08    46.37    54.26    60.19    64.30
   YBADJ    STCK2           66.46    66.59    64.71    60.85    55.13    47.00
   YBADJ    STCK2           39.23    29.50    18.88     7.68    -3.75   -15.07
   YBADJ    STCK2          -25.93   -36.08   -46.37   -54.26   -60.19   -64.30
   YBADJ    STCK2          -66.46   -66.59   -64.70   -60.85   -55.13   -47.00

   YBADJ    STCK3           52.53    57.82    61.31    62.95    62.67    60.48
   YBADJ    STCK3           56.46    50.72    42.67    33.29    23.75    13.48
   YBADJ    STCK3            2.80    -7.96   -18.48   -28.44   -37.54   -44.50
   YBADJ    STCK3          -52.53   -57.82   -61.31   -62.95   -62.67   -60.48
   YBADJ    STCK3          -56.46   -50.72   -42.67   -33.29   -23.75   -13.48
   YBADJ    STCK3           -2.80     7.96    18.48    28.44    37.54    44.50

   YBADJ    STCK4           33.35    19.87     5.79    -8.47   -22.47   -35.79
   YBADJ    STCK4          -48.02   -58.79   -68.47   -76.48   -81.09   -83.25
   YBADJ    STCK4          -82.87   -79.97   -74.65   -67.05   -57.32   -44.44
   YBADJ    STCK4          -33.35   -19.87    -5.79     8.47    22.47    35.79
   YBADJ    STCK4           48.02    58.79    68.47    76.48    81.09    83.25
   YBADJ    STCK4           82.87    79.97    74.65    67.05    57.32    44.44

   YBADJ    STCK5          -55.73   -59.76   -61.97   -62.30   -60.74   -55.83
   YBADJ    STCK5          -47.90   -38.52   -27.69   -17.77    -8.29     1.43
   YBADJ    STCK5           11.11    20.45    29.18    37.01    43.72    47.93
   YBADJ    STCK5           55.73    59.76    61.97    62.30    60.74    55.83
   YBADJ    STCK5           47.90    38.52    27.69    17.77     8.29    -1.43
   YBADJ    STCK5          -11.11   -20.45   -29.18   -37.01   -43.72   -47.93

   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 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

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EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK5        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 "12630 Ops (Generators Only).rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE KRAL_V9_ADJU\KRAL_v9.SFC
   PROFFILE KRAL_V9_ADJU\KRAL_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   PROFBASE 245.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "12630 OPS (GENERATORS ONLY).AD\PE00GALL.PLT" 31
   SUMMFILE "12630 Ops (Generators Only).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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**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 6/10/2024
** File: C:\Users\adadabhoy\Desktop\AERMOD\12630 Green River Ranch\12630 Ops
(Generators Only)\12630 Ops (Generators Only).ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\12630 O
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2189641 Riverside_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "12630 Ops (Generators Only).err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      439438.240  3748604.220      178.510
   LOCATION STCK2        POINT      439545.760  3748572.284      189.530
   LOCATION STCK3        POINT      439777.569  3748574.586      175.140
   LOCATION STCK4        POINT      439785.238  3748832.848      158.900
   LOCATION STCK5        POINT      439549.230  3748788.343      162.870
** Source Parameters **
   SRCPARAM STCK1        0.0045625001     3.550   728.550     54.78      0.13
   SRCPARAM STCK2        0.0045625001     3.550   728.550     54.78      0.13
   SRCPARAM STCK3        0.0045625001     3.550   728.550     54.78      0.13
   SRCPARAM STCK4        0.0045625001     3.550   728.550     54.78      0.13
   SRCPARAM STCK5        0.0045625001     3.550   728.550     54.78      0.13

** Building Downwash **
   BUILDHGT STCK1           15.24    15.24    15.24    15.24    15.24    15.24
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BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK1	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK2	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK3	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK4	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDHGT STCK5	15.24	15.24	15.24	15.24	15.24	15.24
BUILDWID STCK1	288.88	288.26	280.26	263.75	239.23	207.44
BUILDWID STCK1	169.34	126.82	121.20	162.29	199.09	229.84
BUILDWID STCK1	253.60	269.66	280.55	284.11	279.03	283.29
BUILDWID STCK1	288.88	288.26	280.26	263.75	239.23	207.44
BUILDWID STCK1	169.34	126.82	121.20	162.29	199.09	229.84
BUILDWID STCK1	253.60	269.66	280.55	284.11	279.03	283.29
BUILDWID STCK2	110.68	123.24	132.05	136.85	137.49	133.96
BUILDWID STCK2	126.35	115.06	103.03	116.79	127.61	134.55
BUILDWID STCK2	137.40	136.08	130.62	121.20	108.14	96.29
BUILDWID STCK2	110.68	123.24	132.05	136.85	137.49	133.96
BUILDWID STCK2	126.35	115.06	103.03	116.79	127.61	134.55
BUILDWID STCK2	137.40	136.08	130.62	121.20	108.14	96.29
BUILDWID STCK3	101.61	113.65	122.30	127.24	128.32	125.49
BUILDWID STCK3	118.86	108.61	98.75	110.18	119.95	126.08

BUILDWID STCK3	128.38	126.77	121.32	112.18	99.63	88.79
BUILDWID STCK3	101.61	113.65	122.30	127.24	128.32	125.49
BUILDWID STCK3	118.86	108.61	98.75	110.18	119.95	126.08
BUILDWID STCK3	128.38	126.77	121.32	112.18	99.63	88.79
BUILDWID STCK4	115.30	134.47	149.56	160.11	165.79	166.43
BUILDWID STCK4	162.01	152.68	142.22	153.48	162.21	166.02
BUILDWID STCK4	164.78	158.53	147.47	131.93	112.57	95.38
BUILDWID STCK4	115.30	134.47	149.56	160.11	165.79	166.43
BUILDWID STCK4	162.01	152.68	142.22	153.48	162.21	166.02
BUILDWID STCK4	164.78	158.53	147.47	131.93	112.57	95.38
BUILDWID STCK5	113.12	130.23	143.38	152.18	156.35	158.76
BUILDWID STCK5	159.01	154.43	145.70	157.30	166.10	169.85
BUILDWID STCK5	168.44	161.92	150.47	134.45	114.35	96.72
BUILDWID STCK5	113.12	130.23	143.38	152.18	156.35	158.76
BUILDWID STCK5	159.01	154.43	145.70	157.30	166.10	169.85
BUILDWID STCK5	168.44	161.92	150.47	134.45	114.35	96.72
BUILDLEN STCK1	162.29	199.09	229.84	253.60	269.66	280.55
BUILDLEN STCK1	284.11	279.03	283.29	288.88	288.26	280.26
BUILDLEN STCK1	263.75	239.23	207.44	169.34	126.82	121.20
BUILDLEN STCK1	162.29	199.09	229.84	253.60	269.66	280.55
BUILDLEN STCK1	284.11	279.03	283.29	288.88	288.26	280.26
BUILDLEN STCK1	263.75	239.23	207.44	169.34	126.82	121.20
BUILDLEN STCK2	116.79	127.61	134.55	137.40	136.08	130.62
BUILDLEN STCK2	121.20	108.14	96.29	110.68	123.24	132.05
BUILDLEN STCK2	136.85	137.49	133.96	126.35	115.06	103.03
BUILDLEN STCK2	116.79	127.61	134.55	137.40	136.08	130.62
BUILDLEN STCK2	121.20	108.14	96.29	110.68	123.24	132.05
BUILDLEN STCK2	136.85	137.49	133.96	126.35	115.06	103.03
BUILDLEN STCK3	110.18	119.95	126.08	128.38	126.77	121.32
BUILDLEN STCK3	112.18	99.63	88.79	101.61	113.65	122.30
BUILDLEN STCK3	127.24	128.32	125.49	118.86	108.61	98.75
BUILDLEN STCK3	110.18	119.95	126.08	128.38	126.77	121.32
BUILDLEN STCK3	112.18	99.63	88.79	101.61	113.65	122.30
BUILDLEN STCK3	127.24	128.32	125.49	118.86	108.61	98.75
BUILDLEN STCK4	153.48	162.21	166.02	164.78	158.53	147.47
BUILDLEN STCK4	131.93	112.57	95.38	115.30	134.47	149.56
BUILDLEN STCK4	160.11	165.79	166.43	162.01	152.68	142.22
BUILDLEN STCK4	153.48	162.21	166.02	164.78	158.53	147.47
BUILDLEN STCK4	131.93	112.57	95.38	115.30	134.47	149.56
BUILDLEN STCK4	160.11	165.79	166.43	162.01	152.68	142.22
BUILDLEN STCK5	157.30	166.10	169.85	168.44	161.92	150.47
BUILDLEN STCK5	134.45	114.35	96.72	113.12	130.23	143.38
BUILDLEN STCK5	152.18	156.35	158.76	159.01	154.43	145.70

BUILDLEN	STCK5	157.30	166.10	169.85	168.44	161.92	150.47
BUILDLEN	STCK5	134.45	114.35	96.72	113.12	130.23	143.38
BUILDLEN	STCK5	152.18	156.35	158.76	159.01	154.43	145.70
XBADJ	STCK1	-50.66	-92.40	-131.33	-166.27	-196.16	-220.08
XBADJ	STCK1	-237.33	-247.36	-257.93	-264.91	-266.39	-261.18
XBADJ	STCK1	-248.03	-227.34	-199.75	-166.08	-128.09	-113.82
XBADJ	STCK1	-111.63	-106.69	-98.51	-87.34	-73.51	-60.47
XBADJ	STCK1	-46.78	-31.68	-25.36	-23.97	-21.86	-19.08
XBADJ	STCK1	-15.72	-11.89	-7.69	-3.26	1.27	-7.38
XBADJ	STCK2	-4.14	-3.61	-2.97	-2.24	-1.45	-0.61
XBADJ	STCK2	0.25	1.06	-1.14	-16.11	-32.12	-47.15
XBADJ	STCK2	-60.75	-72.50	-82.05	-89.11	-93.61	-97.88
XBADJ	STCK2	-112.65	-124.00	-131.58	-135.16	-134.63	-130.02
XBADJ	STCK2	-121.45	-109.19	-95.15	-94.57	-91.12	-84.90
XBADJ	STCK2	-76.10	-64.99	-51.91	-37.24	-21.45	-5.15
XBADJ	STCK3	-21.80	-36.23	-49.56	-61.39	-71.35	-79.14
XBADJ	STCK3	-84.53	-87.35	-88.89	-103.34	-114.64	-122.47
XBADJ	STCK3	-126.57	-126.82	-123.23	-115.89	-105.02	-92.05
XBADJ	STCK3	-88.38	-83.72	-76.52	-66.99	-55.42	-42.17
XBADJ	STCK3	-27.64	-12.27	0.10	1.73	1.00	0.16
XBADJ	STCK3	-0.68	-1.49	-2.27	-2.97	-3.59	-6.70
XBADJ	STCK4	-153.22	-162.20	-166.25	-165.26	-159.24	-148.38
XBADJ	STCK4	-133.02	-113.61	-92.13	-91.00	-87.11	-80.57
XBADJ	STCK4	-71.58	-60.42	-47.42	-32.99	-17.54	-2.64
XBADJ	STCK4	-0.26	-0.01	0.24	0.48	0.71	0.91
XBADJ	STCK4	1.09	1.04	-3.25	-24.29	-47.36	-68.99
XBADJ	STCK4	-88.52	-105.36	-119.00	-129.03	-135.13	-139.58
XBADJ	STCK5	-96.42	-91.34	-83.50	-73.11	-60.50	-46.06
XBADJ	STCK5	-30.21	-13.45	-0.43	-0.83	-5.36	-9.72
XBADJ	STCK5	-13.79	-17.44	-23.55	-31.60	-38.70	-45.16
XBADJ	STCK5	-60.88	-74.75	-86.35	-95.33	-101.41	-104.41
XBADJ	STCK5	-104.24	-100.90	-96.29	-112.29	-124.87	-133.66
XBADJ	STCK5	-138.39	-138.91	-135.22	-127.41	-115.73	-100.54
YBADJ	STCK1	120.47	122.27	121.05	116.15	107.73	96.03
YBADJ	STCK1	81.41	64.68	53.22	30.49	7.15	-16.41
YBADJ	STCK1	-39.46	-61.32	-79.81	-95.27	-107.84	-116.29
YBADJ	STCK1	-120.47	-122.27	-121.05	-116.15	-107.73	-96.03
YBADJ	STCK1	-81.41	-64.68	-53.22	-30.49	-7.15	16.41
YBADJ	STCK1	39.46	61.32	79.81	95.27	107.84	116.29
YBADJ	STCK2	-39.23	-29.50	-18.88	-7.68	3.75	15.07
YBADJ	STCK2	25.93	36.08	46.37	54.26	60.19	64.30
YBADJ	STCK2	66.46	66.59	64.71	60.85	55.13	47.00
YBADJ	STCK2	39.23	29.50	18.88	7.68	-3.75	-15.07

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   YBADJ    STCK2          -25.93   -36.08   -46.37   -54.26   -60.19   -64.30
   YBADJ    STCK2          -66.46   -66.59   -64.70   -60.85   -55.13   -47.00

   YBADJ    STCK3           52.53    57.82    61.31    62.95    62.67    60.48
   YBADJ    STCK3           56.46    50.72    42.67    33.29    23.75    13.48
   YBADJ    STCK3            2.80    -7.96   -18.48   -28.44   -37.54   -44.50
   YBADJ    STCK3          -52.53   -57.82   -61.31   -62.95   -62.67   -60.48
   YBADJ    STCK3          -56.46   -50.72   -42.67   -33.29   -23.75   -13.48
   YBADJ    STCK3           -2.80     7.96    18.48    28.44    37.54    44.50

   YBADJ    STCK4           33.35    19.87     5.79    -8.47   -22.47   -35.79
   YBADJ    STCK4          -48.02   -58.79   -68.47   -76.48   -81.09   -83.25
   YBADJ    STCK4          -82.87   -79.97   -74.65   -67.05   -57.32   -44.44
   YBADJ    STCK4          -33.35   -19.87    -5.79     8.47    22.47    35.79
   YBADJ    STCK4           48.02    58.79    68.47    76.48    81.09    83.25
   YBADJ    STCK4           82.87    79.97    74.65    67.05    57.32    44.44

   YBADJ    STCK5          -55.73   -59.76   -61.97   -62.30   -60.74   -55.83
   YBADJ    STCK5          -47.90   -38.52   -27.69   -17.77    -8.29     1.43
   YBADJ    STCK5           11.11    20.45    29.18    37.01    43.72    47.93
   YBADJ    STCK5           55.73    59.76    61.97    62.30    60.74    55.83
   YBADJ    STCK5           47.90    38.52    27.69    17.77     8.29    -1.43
   YBADJ    STCK5          -11.11   -20.45   -29.18   -37.01   -43.72   -47.93

   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 1.0 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
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   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   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
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EMISFACT STCK2        HRDOW7 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK5        HRDOW7 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT STCK5        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 "12630 Ops (Generators Only).rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
```

```
ME STARTING
   SURFFILE KRAL_V9_ADJU\KRAL_v9.SFC
   PROFFILE KRAL_V9_ADJU\KRAL_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   PROFBASE 245.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "12630 OPS (GENERATORS ONLY).AD\PE00GALL.PLT" 31
   SUMMFILE "12630 Ops (Generators Only).sum"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            7 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320      42        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320      43        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320      44        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320      45        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320      46        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186     356       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     356       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       14:29:24

                                   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     5 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  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:      5 Source(s);       1 Source Group(s); and     121
Receptor(s)

                with:      5 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 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) =   245.00 ;  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 =      3.5 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   12630 Ops (Generators Only).err

 **File for Summary of Results:   12630 Ops (Generators Only).sum

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       14:29:24

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


                                                 *** POINT SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE     STACK   STACK
```

```
STACK     STACK    BLDG   URBAN  CAP/  EMIS RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.
EXIT VEL. DIAMETER  EXISTS SOURCE HOR   SCALAR
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (DEG.K)
(M/SEC)  (METERS)                    VARY BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

 STCK1            0   0.45625E-02  439438.2 3748604.2   178.5     3.55   728.55
54.78     0.13    YES     YES   NO  HRDOW7
 STCK2            0   0.45625E-02  439545.8 3748572.3   189.5     3.55   728.55
54.78     0.13    YES     YES   NO  HRDOW7
 STCK3            0   0.45625E-02  439777.6 3748574.6   175.1     3.55   728.55
54.78     0.13    YES     YES   NO  HRDOW7
 STCK4            0   0.45625E-02  439785.2 3748832.8   158.9     3.55   728.55
54.78     0.13    YES     YES   NO  HRDOW7
 STCK5            0   0.45625E-02  439549.2 3748788.3   162.9     3.55   728.55
54.78     0.13    YES     YES   NO  HRDOW7
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        14:29:24

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


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

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


  ALL        STCK1       , STCK2       , STCK3       , STCK4       , STCK5       ,
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        14:29:24

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

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

*** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	15.2,	288.9,	162.3,	-50.7,	120.5,	2	15.2,	288.3,	199.1,	-92.4,	122.3,
3	15.2,	280.3,	229.8,	-131.3,	121.0,	4	15.2,	263.8,	253.6,	-166.3,	116.1,
5	15.2,	239.2,	269.7,	-196.2,	107.7,	6	15.2,	207.4,	280.6,	-220.1,	96.0,
7	15.2,	169.3,	284.1,	-237.3,	81.4,	8	15.2,	126.8,	279.0,	-247.4,	64.7,
9	15.2,	121.2,	283.3,	-257.9,	53.2,	10	15.2,	162.3,	288.9,	-264.9,	30.5,
11	15.2,	199.1,	288.3,	-266.4,	7.1,	12	15.2,	229.8,	280.3,	-261.2,	-16.4,
13	15.2,	253.6,	263.8,	-248.0,	-39.5,	14	15.2,	269.7,	239.2,	-227.3,	-61.3,
15	15.2,	280.6,	207.4,	-199.8,	-79.8,	16	15.2,	284.1,	169.3,	-166.1,	-95.3,
17	15.2,	279.0,	126.8,	-128.1,	-107.8,	18	15.2,	283.3,	121.2,	-113.8,	-116.3,
19	15.2,	288.9,	162.3,	-111.6,	-120.5,	20	15.2,	288.3,	199.1,	-106.7,	-122.3,
21	15.2,	280.3,	229.8,	-98.5,	-121.0,	22	15.2,	263.8,	253.6,	-87.3,	-116.1,
23	15.2,	239.2,	269.7,	-73.5,	-107.7,	24	15.2,	207.4,	280.6,	-60.5,	-96.0,
25	15.2,	169.3,	284.1,	-46.8,	-81.4,	26	15.2,	126.8,	279.0,	-31.7,	-64.7,
27	15.2,	121.2,	283.3,	-25.4,	-53.2,	28	15.2,	162.3,	288.9,	-24.0,	-30.5,
29	15.2,	199.1,	288.3,	-21.9,	-7.1,	30	15.2,	229.8,	280.3,	-19.1,	16.4,
31	15.2,	253.6,	263.8,	-15.7,	39.5,	32	15.2,	269.7,	239.2,	-11.9,	61.3,

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   33   15.2,  280.6,  207.4,   -7.7,   79.8,     34   15.2,  284.1,  169.3,
-3.3,   95.3,
   35   15.2,  279.0,  126.8,    1.3,  107.8,     36   15.2,  283.3,  121.2,
-7.4,  116.3,


 SOURCE ID: STCK2
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   15.2,  110.7,  116.8,   -4.1,  -39.2,      2   15.2,  123.2,  127.6,
-3.6,  -29.5,
    3   15.2,  132.1,  134.6,   -3.0,  -18.9,      4   15.2,  136.9,  137.4,
-2.2,   -7.7,
    5   15.2,  137.5,  136.1,   -1.4,    3.8,      6   15.2,  134.0,  130.6,
-0.6,   15.1,
    7   15.2,  126.3,  121.2,    0.2,   25.9,      8   15.2,  115.1,  108.1,
1.1,   36.1,
    9   15.2,  103.0,   96.3,   -1.1,   46.4,     10   15.2,  116.8,  110.7,
-16.1,   54.3,
   11   15.2,  127.6,  123.2,  -32.1,   60.2,     12   15.2,  134.6,  132.1,
-47.1,   64.3,
   13   15.2,  137.4,  136.9,  -60.8,   66.5,     14   15.2,  136.1,  137.5,
-72.5,   66.6,
   15   15.2,  130.6,  134.0,  -82.0,   64.7,     16   15.2,  121.2,  126.3,
-89.1,   60.8,
   17   15.2,  108.1,  115.1,  -93.6,   55.1,     18   15.2,   96.3,  103.0,
-97.9,   47.0,
   19   15.2,  110.7,  116.8, -112.6,   39.2,     20   15.2,  123.2,  127.6,
-124.0,   29.5,
   21   15.2,  132.1,  134.6, -131.6,   18.9,     22   15.2,  136.9,  137.4,
-135.2,    7.7,
   23   15.2,  137.5,  136.1, -134.6,   -3.8,     24   15.2,  134.0,  130.6,
-130.0,  -15.1,
   25   15.2,  126.3,  121.2, -121.5,  -25.9,     26   15.2,  115.1,  108.1,
-109.2,  -36.1,
   27   15.2,  103.0,   96.3,  -95.1,  -46.4,     28   15.2,  116.8,  110.7,
-94.6,  -54.3,
   29   15.2,  127.6,  123.2,  -91.1,  -60.2,     30   15.2,  134.6,  132.1,
-84.9,  -64.3,
   31   15.2,  137.4,  136.9,  -76.1,  -66.5,     32   15.2,  136.1,  137.5,
-65.0,  -66.6,
   33   15.2,  130.6,  134.0,  -51.9,  -64.7,     34   15.2,  121.2,  126.3,
-37.2,  -60.8,
   35   15.2,  108.1,  115.1,  -21.4,  -55.1,     36   15.2,   96.3,  103.0,
-5.1,  -47.0,


 SOURCE ID: STCK3
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
```

```
    1   15.2,  101.6,  110.2,  -21.8,   52.5,      2   15.2,  113.6,  120.0,
-36.2,   57.8,
    3   15.2,  122.3,  126.1,  -49.6,   61.3,      4   15.2,  127.2,  128.4,
-61.4,   62.9,
    5   15.2,  128.3,  126.8,  -71.3,   62.7,      6   15.2,  125.5,  121.3,
-79.1,   60.5,
    7   15.2,  118.9,  112.2,  -84.5,   56.5,      8   15.2,  108.6,   99.6,
-87.3,   50.7,
    9   15.2,   98.8,   88.8,  -88.9,   42.7,     10   15.2,  110.2,  101.6,
-103.3,   33.3,
   11   15.2,  120.0,  113.6, -114.6,   23.8,     12   15.2,  126.1,  122.3,
-122.5,   13.5,
   13   15.2,  128.4,  127.2, -126.6,    2.8,     14   15.2,  126.8,  128.3,
-126.8,   -8.0,
   15   15.2,  121.3,  125.5, -123.2,  -18.5,     16   15.2,  112.2,  118.9,
-115.9,  -28.4,
   17   15.2,   99.6,  108.6, -105.0,  -37.5,     18   15.2,   88.8,   98.8,
-92.0,  -44.5,
   19   15.2,  101.6,  110.2,  -88.4,  -52.5,     20   15.2,  113.6,  120.0,
-83.7,  -57.8,
   21   15.2,  122.3,  126.1,  -76.5,  -61.3,     22   15.2,  127.2,  128.4,
-67.0,  -62.9,
   23   15.2,  128.3,  126.8,  -55.4,  -62.7,     24   15.2,  125.5,  121.3,
-42.2,  -60.5,
   25   15.2,  118.9,  112.2,  -27.6,  -56.5,     26   15.2,  108.6,   99.6,
-12.3,  -50.7,
   27   15.2,   98.8,   88.8,    0.1,  -42.7,     28   15.2,  110.2,  101.6,
1.7,  -33.3,
   29   15.2,  120.0,  113.6,    1.0,  -23.8,     30   15.2,  126.1,  122.3,
0.2,  -13.5,
   31   15.2,  128.4,  127.2,   -0.7,   -2.8,     32   15.2,  126.8,  128.3,
-1.5,    8.0,
   33   15.2,  121.3,  125.5,   -2.3,   18.5,     34   15.2,  112.2,  118.9,
-3.0,   28.4,
   35   15.2,   99.6,  108.6,   -3.6,   37.5,     36   15.2,   88.8,   98.8,
-6.7,   44.5,


 SOURCE ID: STCK4
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   15.2,  115.3,  153.5, -153.2,   33.3,      2   15.2,  134.5,  162.2,
-162.2,   19.9,
    3   15.2,  149.6,  166.0, -166.2,    5.8,      4   15.2,  160.1,  164.8,
-165.3,   -8.5,
    5   15.2,  165.8,  158.5, -159.2,  -22.5,      6   15.2,  166.4,  147.5,
-148.4,  -35.8,
    7   15.2,  162.0,  131.9, -133.0,  -48.0,      8   15.2,  152.7,  112.6,
-113.6,  -58.8,
    9   15.2,  142.2,   95.4,  -92.1,  -68.5,     10   15.2,  153.5,  115.3,
```

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-91.0,  -76.5,
   11   15.2,  162.2,  134.5,  -87.1,  -81.1,     12   15.2,  166.0,  149.6,
-80.6,  -83.2,
   13   15.2,  164.8,  160.1,  -71.6,  -82.9,     14   15.2,  158.5,  165.8,
-60.4,  -80.0,
   15   15.2,  147.5,  166.4,  -47.4,  -74.6,     16   15.2,  131.9,  162.0,
-33.0,  -67.0,
   17   15.2,  112.6,  152.7,  -17.5,  -57.3,     18   15.2,   95.4,  142.2,
-2.6,  -44.4,
   19   15.2,  115.3,  153.5,   -0.3,  -33.3,     20   15.2,  134.5,  162.2,
-0.0,  -19.9,
   21   15.2,  149.6,  166.0,    0.2,   -5.8,     22   15.2,  160.1,  164.8,
0.5,    8.5,
   23   15.2,  165.8,  158.5,    0.7,   22.5,     24   15.2,  166.4,  147.5,
0.9,   35.8,
   25   15.2,  162.0,  131.9,    1.1,   48.0,     26   15.2,  152.7,  112.6,
1.0,   58.8,
   27   15.2,  142.2,   95.4,   -3.2,   68.5,     28   15.2,  153.5,  115.3,
-24.3,   76.5,
   29   15.2,  162.2,  134.5,  -47.4,   81.1,     30   15.2,  166.0,  149.6,
-69.0,   83.2,
   31   15.2,  164.8,  160.1,  -88.5,   82.9,     32   15.2,  158.5,  165.8,
-105.4,   80.0,
   33   15.2,  147.5,  166.4, -119.0,   74.6,     34   15.2,  131.9,  162.0,
-129.0,   67.0,
   35   15.2,  112.6,  152.7, -135.1,   57.3,     36   15.2,   95.4,  142.2,
-139.6,   44.4,

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       14:29:24

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                         *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***


 SOURCE ID: STCK5
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
   YADJ
    1   15.2,  113.1,  157.3,  -96.4,  -55.7,      2   15.2,  130.2,  166.1,
-91.3,  -59.8,
    3   15.2,  143.4,  169.9,  -83.5,  -62.0,      4   15.2,  152.2,  168.4,
-73.1,  -62.3,
    5   15.2,  156.4,  161.9,  -60.5,  -60.7,      6   15.2,  158.8,  150.5,
-46.1,  -55.8,
    7   15.2,  159.0,  134.5,  -30.2,  -47.9,      8   15.2,  154.4,  114.3,
```

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-13.5,  -38.5,
    9   15.2,  145.7,   96.7,   -0.4,  -27.7,     10   15.2,  157.3,  113.1,
-0.8,  -17.8,
   11   15.2,  166.1,  130.2,   -5.4,   -8.3,     12   15.2,  169.9,  143.4,
-9.7,    1.4,
   13   15.2,  168.4,  152.2,  -13.8,   11.1,     14   15.2,  161.9,  156.4,
-17.4,   20.4,
   15   15.2,  150.5,  158.8,  -23.6,   29.2,     16   15.2,  134.5,  159.0,
-31.6,   37.0,
   17   15.2,  114.3,  154.4,  -38.7,   43.7,     18   15.2,   96.7,  145.7,
-45.2,   47.9,
   19   15.2,  113.1,  157.3,  -60.9,   55.7,     20   15.2,  130.2,  166.1,
-74.8,   59.8,
   21   15.2,  143.4,  169.9,  -86.3,   62.0,     22   15.2,  152.2,  168.4,
-95.3,   62.3,
   23   15.2,  156.4,  161.9, -101.4,   60.7,     24   15.2,  158.8,  150.5,
-104.4,   55.8,
   25   15.2,  159.0,  134.5, -104.2,   47.9,     26   15.2,  154.4,  114.3,
-100.9,   38.5,
   27   15.2,  145.7,   96.7,  -96.3,   27.7,     28   15.2,  157.3,  113.1,
-112.3,   17.8,
   29   15.2,  166.1,  130.2, -124.9,    8.3,     30   15.2,  169.9,  143.4,
-133.7,   -1.4,
   31   15.2,  168.4,  152.2, -138.4,  -11.1,     32   15.2,  161.9,  156.4,
-138.9,  -20.4,
   33   15.2,  150.5,  158.8, -135.2,  -29.2,     34   15.2,  134.5,  159.0,
-127.4,  -37.0,
   35   15.2,  114.3,  154.4, -115.7,  -43.7,     36   15.2,   96.7,  145.7,
-100.5,  -47.9,

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        14:29:24

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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  .1000E+01   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

```
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        14:29:24
```

*** 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	.1000E+01	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	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						

DAY OF WEEK = SUNDAY

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

 SOURCE ID = STCK3   ; 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 .1000E+01   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        14:29:24

                                   PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

 SOURCE ID = STCK4        ; 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  .1000E+01   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   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\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                      ***         14:29:24

                                  PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *
```

```
 SOURCE ID = STCK5         ; 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  .1000E+01   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   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
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(439260.0, 3749072.6, 149.6, 1142.1, 0.0); (439277.6, 3749070.7, 149.3, 1142.1, 0.0);
(439298.4, 3749082.1, 148.2, 1142.1, 0.0); (439312.1, 3749091.1, 147.4, 1142.1, 0.0);
(439321.9, 3749098.5, 146.8, 1142.1, 0.0); (439240.7, 3749074.7, 149.8, 1142.1, 0.0);
(439217.6, 3749084.1, 149.2, 1142.1, 0.0); (439205.3, 3749089.8, 148.8, 1142.1, 0.0);
(439192.1, 3749096.3, 148.3, 1142.1, 0.0); (439179.5, 3749103.1, 147.9, 1142.1, 0.0);
(439169.9, 3749108.1, 147.6, 1142.1, 0.0); (439157.1, 3749113.7, 147.2, 1142.1, 0.0);
(439137.6, 3749079.0, 150.0, 1142.1, 0.0); (439113.3, 3749079.2, 150.5, 1142.1, 0.0);
(439099.8, 3749078.8, 150.5, 1142.1, 0.0); (439085.4, 3749079.0, 150.6, 1142.1, 0.0);
(439071.9, 3749078.8, 150.9, 1142.1, 0.0); (439045.6, 3749077.6, 152.1, 1142.1, 0.0);
(438992.4, 3749075.4, 153.1, 1142.1, 0.0); (438978.2, 3749072.7, 153.3, 1142.1, 0.0);
(438963.0, 3749071.1, 153.5, 1142.1, 0.0); (438947.1, 3749069.1, 153.6, 1142.1, 0.0);
(438932.4, 3749067.4, 153.6, 1142.1, 0.0); (438917.5, 3749065.3, 153.7, 1142.1, 0.0);
(438902.8, 3749063.1, 153.6, 1142.1, 0.0); (438888.1, 3749060.2, 153.2, 1142.1, 0.0);
(438870.8, 3749057.6, 153.0, 1142.1, 0.0); (438854.9, 3749058.0, 153.0, 1142.1, 0.0);
(438838.0, 3749060.2, 153.3, 1142.1, 0.0); (438779.5, 3749017.8, 155.3, 1142.1, 0.0);
(438784.5, 3749046.0, 155.3, 1142.1, 0.0); (438762.9, 3749004.6, 155.4, 1142.1, 0.0);
(438815.8, 3749066.2, 153.8, 1142.1, 0.0); (439042.5,

```
3748895.5,     160.7,    1142.1,       0.0);
     ( 439038.5, 3748865.8,     163.8,    1142.1,       0.0);         ( 438999.1,
3748811.4,     169.3,    1142.1,       0.0);
     ( 438921.2, 3748750.7,     169.3,    1142.1,       0.0);         ( 438794.0,
3748719.9,     136.3,    1142.1,       0.0);
     ( 438730.9, 3748880.7,     139.1,    1142.1,       0.0);         ( 438748.5,
3748863.0,     139.0,    1142.1,       0.0);
     ( 438764.6, 3748843.8,     139.2,    1142.1,       0.0);         ( 438785.5,
3748816.7,     136.1,    1142.1,       0.0);
     ( 438805.1, 3748788.0,     136.7,    1142.1,       0.0);         ( 438803.2,
3748750.8,     136.5,    1142.1,       0.0);
     ( 438788.4, 3748703.2,     136.7,    1142.1,       0.0);         ( 438780.5,
3748674.0,     136.6,    1142.1,       0.0);
     ( 438768.9, 3748645.4,     136.5,    1142.1,       0.0);         ( 438751.6,
3748620.5,     135.7,    1142.1,       0.0);
     ( 438730.3, 3748595.8,     135.0,    1142.1,       0.0);         ( 438712.2,
3748572.0,     133.7,    1142.1,       0.0);
     ( 438693.5, 3748548.8,     131.9,    1142.1,       0.0);         ( 438676.8,
3748525.0,     131.1,    1142.1,       0.0);
     ( 438655.8, 3748497.8,     131.0,    1142.1,       0.0);         ( 438639.1,
3748475.7,     131.4,    1142.1,       0.0);
     ( 438619.5, 3748452.5,     131.5,    1142.1,       0.0);         ( 438600.3,
3748429.8,     131.6,    1142.1,       0.0);
     ( 438580.7, 3748404.6,     131.1,    1142.1,       0.0);         ( 438561.4,
3748384.2,     131.1,    1142.1,       0.0);
     ( 438540.8, 3748363.8,     131.1,    1142.1,       0.0);         ( 438520.9,
3748341.1,     131.1,    1142.1,       0.0);
     ( 438500.0, 3748320.4,     130.5,    1142.1,       0.0);         ( 438735.7,
3748992.6,     156.9,    1142.1,       0.0);
     ( 438675.3, 3748985.1,     148.4,    1142.1,       0.0);         ( 439331.0,
3749107.6,     146.2,    1142.1,       0.0);
     ( 439341.9, 3749117.1,     145.5,    1142.1,       0.0);         ( 439353.6,
3749127.3,     144.5,    1142.1,       0.0);
     ( 439366.1, 3749137.4,     143.4,    1142.1,       0.0);         ( 439375.7,
3749143.9,     142.6,    1142.1,       0.0);
     ( 439388.4, 3749153.5,     141.3,    1142.1,       0.0);         ( 439400.5,
3749162.1,     140.2,    1142.1,       0.0);
     ( 439413.6, 3749169.9,     139.5,    1142.1,       0.0);         ( 439425.7,
3749178.1,     138.9,    1142.1,       0.0);
     ( 439449.6, 3749192.9,     138.5,    1142.1,       0.0);         ( 439473.0,
3749214.4,     138.5,    1142.1,       0.0);
     ( 439800.8, 3749040.5,     147.5,    1142.1,       0.0);         ( 439873.8,
3748887.4,     156.3,    1142.1,       0.0);
     ( 439887.6, 3748802.5,     161.9,    1142.1,       0.0);         ( 440077.8,
3748740.2,     180.5,    1142.1,       0.0);
     ( 440019.2, 3748682.1,     178.2,    1142.1,       0.0);         ( 439929.6,
3748601.8,     215.7,    1142.1,       0.0);
     ( 439955.0, 3748605.9,     216.9,    1142.1,       0.0);         ( 439983.2,
3748614.2,     213.8,    1142.1,       0.0);
     ( 440006.2, 3748617.4,     211.2,    1142.1,       0.0);         ( 440071.3,
```

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

     (440054.7, 3748448.5,   218.5,   1142.1,   0.0);   (440063.5,
3748429.6,   219.1,   1142.1,   0.0);
     (440072.3, 3748414.8,   221.0,   1142.1,   0.0);   (440083.8,
3748396.4,   222.7,   1142.1,   0.0);
     (440096.3, 3748378.8,   225.5,   1142.1,   0.0);   (440105.1,
3748361.8,   227.1,   1142.1,   0.0);
     (440106.9, 3748342.8,   226.4,   1142.1,   0.0);   (440120.8,
3748318.8,   231.8,   1142.1,   0.0);
     (440122.7, 3748286.9,   233.8,   1142.1,   0.0);   (440117.3,
3748252.6,   235.6,   1142.1,   0.0);
     (440121.3, 3748218.1,   241.7,   1142.1,   0.0);   (440128.1,
3748298.0,   235.1,   1142.1,   0.0);
     (440266.3, 3748117.4,   245.8,   1142.1,   0.0);   (440165.5,
3747898.5,   272.1,   1142.1,   0.0);
     (440191.3, 3747915.0,   264.6,   1142.1,   0.0);   (440206.6,
3747939.3,   273.8,   1142.1,   0.0);
     (440247.4, 3747944.8,   263.2,   1142.1,   0.0);   (440266.7,
3747950.7,   259.8,   1142.1,   0.0);
     (440283.1, 3747959.7,   258.2,   1142.1,   0.0);   (440300.0,
3747969.1,   258.9,   1142.1,   0.0);
     (440321.2, 3747989.1,   257.1,   1142.1,   0.0);   (440293.3,
3748093.9,   240.7,   1142.1,   0.0);
     (440300.0, 3748071.1,   247.9,   1142.1,   0.0);   (440307.9,
3748048.4,   252.5,   1142.1,   0.0);
     (440314.1, 3748028.4,   255.8,   1142.1,   0.0);   (440320.0,
3748006.8,   260.3,   1142.1,   0.0);
     (440335.3, 3747569.2,   306.9,   1142.1,   0.0);   (440507.2,
3748971.2,   177.2,   1142.1,   0.0);
     (439956.0, 3749044.3,   147.7,   1142.1,   0.0);   (439952.9,
3748770.0,   164.0,   1142.1,   0.0);
     (438863.8, 3748859.3,   164.9,   1142.1,   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
```

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:   KRAL_V9_ADJU\KRAL_v9.SFC
                 Met Version:  16216
   Profile file:   KRAL_V9_ADJU\KRAL_v9.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:     3171                  Upper air station no.:     3190
                 Name: UNKNOWN                                    Name: UNKNOWN

                 Year:   2012                                     Year:   2012

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN
ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -
 12 01 01   1 01  -25.6  0.266 -9.000 -9.000 -999.  330.     77.9  0.15   2.40
1.00    2.93   55.   10.1  288.1    2.0
 12 01 01   1 02  -26.8  0.277 -9.000 -9.000 -999.  351.     84.7  0.15   2.40
1.00    3.05   55.   10.1  287.0    2.0
 12 01 01   1 03  -21.5  0.221 -9.000 -9.000 -999.  250.     53.5  0.15   2.40
1.00    2.45   74.   10.1  284.2    2.0
 12 01 01   1 04  -22.0  0.227 -9.000 -9.000 -999.  260.     56.8  0.15   2.40
1.00    2.52   77.   10.1  285.9    2.0
 12 01 01   1 05  -20.0  0.206 -9.000 -9.000 -999.  225.     46.8  0.15   2.40
1.00    2.30   80.   10.1  285.4    2.0
 12 01 01   1 06  -14.4  0.171 -9.000 -9.000 -999.  170.     32.1  0.15   2.40
1.00    1.93   79.   10.1  287.0    2.0
 12 01 01   1 07  -14.9  0.174 -9.000 -9.000 -999.  174.     33.2  0.15   2.40
1.00    1.96   77.   10.1  284.2    2.0
 12 01 01   1 08  -11.9  0.169 -9.000 -9.000 -999.  167.     36.1  0.15   2.40
0.53    1.89   77.   10.1  288.1    2.0
 12 01 01   1 09   40.4  0.234  0.359  0.006   40.  272.    -28.1  0.15   2.40
0.31    2.10   81.   10.1  289.2    2.0
 12 01 01   1 10  112.6  0.246  0.742  0.005  129.  293.    -11.8  0.15   2.40
0.24    1.99  101.   10.1  296.4    2.0
 12 01 01   1 11  161.0  0.402  1.188  0.005  369.  611.    -35.6  0.15   2.40
0.21    3.68   78.   10.1  298.8    2.0
 12 01 01   1 12  184.7  0.337  1.516  0.005  668.  473.    -18.4  0.15   2.40
0.20    2.89   68.   10.1  300.4    2.0
 12 01 01   1 13  183.9  0.310  1.809  0.005 1139.  414.    -14.2  0.15   2.40
0.20    2.57   64.   10.1  302.5    2.0
 12 01 01   1 14  156.6  0.374  1.852  0.005 1434.  549.    -29.5  0.15   2.40
0.22    3.37   63.   10.1  303.1    2.0
 12 01 01   1 15  104.3  0.382  1.658  0.005 1546.  567.    -47.2  0.15   2.40
0.25    3.59   62.   10.1  302.5    2.0
 12 01 01   1 16   31.8  0.374  1.123  0.005 1573.  550.   -145.8  0.15   2.40
```

```
0.34    3.76   69.   10.1  300.9    2.0
 12 01 01   1 17  -23.3  0.276 -9.000 -9.000 -999.  354.     84.0  0.15   2.40
0.62    3.03   59.   10.1  297.5    2.0
 12 01 01   1 18  -21.5  0.229 -9.000 -9.000 -999.  264.     57.8  0.15   2.40
1.00    2.54   54.   10.1  295.4    2.0
 12 01 01   1 19  -19.3  0.204 -9.000 -9.000 -999.  221.     45.6  0.15   2.40
1.00    2.27   79.   10.1  292.0    2.0
 12 01 01   1 20  -20.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.15   2.40
1.00    2.42   79.   10.1  292.5    2.0
 12 01 01   1 21  -19.7  0.206 -9.000 -9.000 -999.  225.     46.9  0.15   2.40
1.00    2.30   95.   10.1  290.9    2.0
 12 01 01   1 22  -17.6  0.190 -9.000 -9.000 -999.  199.     39.8  0.15   2.40
1.00    2.13   78.   10.1  290.4    2.0
 12 01 01   1 23  -20.3  0.211 -9.000 -9.000 -999.  233.     49.0  0.15   2.40
1.00    2.35   52.   10.1  289.2    2.0
 12 01 01   1 24  -16.4  0.183 -9.000 -9.000 -999.  189.     37.0  0.15   2.40
1.00    2.06   75.   10.1  288.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1   55.    2.93   288.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        14:29:24

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

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     STCK1       , STCK2
 , STCK3       , STCK4       , STCK5       ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         439259.97    3749072.65        0.00008                       439277.61
3749070.69        0.00009
         439298.40    3749082.06        0.00009                       439312.13
```

3749091.08 0.00009
439321.93 3749098.54 0.00009 439240.72
3749074.67 0.00008
439217.60 3749084.06 0.00007 439205.31
3749089.84 0.00007
439192.07 3749096.35 0.00007 439179.54
3749103.09 0.00006
439169.91 3749108.15 0.00006 439157.14
3749113.69 0.00006
439137.63 3749079.00 0.00006 439113.31
3749079.24 0.00006
439099.82 3749078.76 0.00006 439085.37
3749079.00 0.00005
439071.88 3749078.76 0.00005 439045.63
3749077.56 0.00005
438992.40 3749075.39 0.00005 438978.19
3749072.74 0.00005
438963.01 3749071.06 0.00004 438947.12
3749069.13 0.00004
438932.42 3749067.44 0.00004 438917.49
3749065.27 0.00004
438902.80 3749063.11 0.00004 438888.11
3749060.22 0.00004
438870.76 3749057.57 0.00004 438854.87
3749058.05 0.00004
438838.01 3749060.22 0.00004 438779.48
3749017.83 0.00003
438784.54 3749046.01 0.00003 438762.86
3749004.58 0.00003
438815.85 3749066.24 0.00003 439042.50
3748895.54 0.00008
439038.53 3748865.79 0.00008 438999.14
3748811.38 0.00008
438921.22 3748750.74 0.00007 438794.05
3748719.90 0.00005
438730.91 3748880.70 0.00004 438748.55
3748863.05 0.00004
438764.63 3748843.83 0.00004 438785.55
3748816.73 0.00004
438805.14 3748787.97 0.00005 438803.16
3748750.85 0.00005
438788.42 3748703.24 0.00005 438780.49
3748674.05 0.00005
438768.87 3748645.43 0.00005 438751.58
3748620.50 0.00005
438730.33 3748595.84 0.00005 438712.19
3748572.04 0.00005
438693.49 3748548.80 0.00005 438676.77
3748525.00 0.00005
438655.80 3748497.80 0.00004 438639.08

```
3748475.69        0.00004
         438619.53    3748452.46        0.00004                      438600.26
3748429.79        0.00004
         438580.71    3748404.57        0.00004                      438561.44
3748384.17        0.00004
         438540.75    3748363.76        0.00004                      438520.92
3748341.09        0.00004
         438499.95    3748320.41        0.00004                      438735.66
3748992.65        0.00003
         438675.26    3748985.08        0.00003                      439331.05
3749107.64        0.00009
         439341.93    3749117.09        0.00009                      439353.60
3749127.33        0.00009
         439366.09    3749137.37        0.00009                      439375.72
3749143.92        0.00009
         439388.41    3749153.54        0.00009                      439400.49
3749162.14        0.00008
         439413.60    3749169.92        0.00008                      439425.68
3749178.11        0.00008
         439449.64    3749192.86        0.00008                      439473.05
3749214.38        0.00008
         439800.83    3749040.52        0.00022                      439873.79
3748887.43        0.00055
         439887.64    3748802.52        0.00077                      440077.78
3748740.21        0.00024
         440019.17    3748682.06        0.00031                      439929.64
3748601.76        0.00047
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       14:29:24

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

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     STCK1       , STCK2
 , STCK3       , STCK4       , STCK5       ,

                                             *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

```
         439955.02    3748605.92        0.00040                      439983.17
3748614.22        0.00034
         440006.24    3748617.45        0.00030                      440071.32
3748624.38        0.00023
         440087.93    3748639.61        0.00022                      440117.00
3748766.98        0.00020
         439940.25    3748575.00        0.00044                      439996.09
3748506.23        0.00025
         440023.32    3748475.77        0.00020                      440043.16
3748463.78        0.00017
         440054.70    3748448.55        0.00015                      440063.47
3748429.62        0.00013
         440072.29    3748414.84        0.00012                      440083.83
3748396.38        0.00011
         440096.29    3748378.84        0.00010                      440105.06
3748361.76        0.00009
         440106.91    3748342.84        0.00008                      440120.75
3748318.84        0.00007
         440122.71    3748286.94        0.00006                      440117.33
3748252.65        0.00005
         440121.30    3748218.07        0.00004                      440128.10
3748298.00        0.00006
         440266.27    3748117.44        0.00003                      440165.45
3747898.52        0.00002
         440191.34    3747915.00        0.00002                      440206.64
3747939.32        0.00002
         440247.44    3747944.82        0.00002                      440266.66
3747950.70        0.00002
         440283.14    3747959.73        0.00002                      440300.01
3747969.14        0.00002
         440321.20    3747989.15        0.00002                      440293.34
3748093.90        0.00003
         440300.01    3748071.14        0.00002                      440307.86
3748048.39        0.00002
         440314.13    3748028.38        0.00002                      440320.02
3748006.80        0.00002
         440335.28    3747569.25        0.00001                      440507.19
3748971.21        0.00004
         439956.03    3749044.31        0.00015                      439952.87
3748770.03        0.00048
         438863.85    3748859.31        0.00005

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\12630
Green River Ranch\12630 O ***        06/10/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       14:29:24

                                  PAGE  18
 *** 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	0.00077 AT (439887.64, 3748802.52, 161.93, 1142.09, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00055 AT (439873.79, 3748887.43, 156.27, 1142.09, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00048 AT (439952.87, 3748770.03, 164.04, 1142.09, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00047 AT (439929.64, 3748601.76, 215.71, 1142.09, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00044 AT (439940.25, 3748575.00, 215.83, 1142.09, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00040 AT (439955.02, 3748605.92, 216.91, 1142.09, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00034 AT (439983.17, 3748614.22, 213.77, 1142.09, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00031 AT (440019.17, 3748682.06, 178.19, 1142.09, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00030 AT (440006.24, 3748617.45, 211.25, 1142.09, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00025 AT (439996.09, 3748506.23, 215.92, 1142.09, 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            7 Warning Message(s)
A Total of         1638 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of         1039 Calm Hours Identified

A Total of          599 Missing Hours Identified (  1.37 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320      42        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
SO W320      43        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
SO W320      44        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
SO W320      45        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
SO W320      46        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
ME W186     356       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
ME W187     356       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

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APPENDIX 2.4:

RISK CALCULATIONS (CONSTRUCTION)

Construction Risk

Receptor No.	Age Bin	DPM Conc. (µg/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	0.00435	260	1.63	1090	1	70	1.00	10	3.0E-04	1.1E+00	3.4E-06	0.83	5.0E+00	1.4E-03	8.7E-04						
												Total	0.83			8.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	0 to 2	0.01555	260	1.63	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.2E-05	2.96	5.0E+00	1.4E-03	3.1E-03						
												Total	2.96			3.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3 (MEIR)	0 to 2	0.0212	260	1.63	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.6E-05	4.03	5.0E+00	1.4E-03	4.2E-03						
												Total	4.03			4.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	0 to 2	0.00206	260	1.63	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.6E-06	0.39	5.0E+00	1.4E-03	4.1E-04						
												Total	0.39			4.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	0 to 2	0.00215	260	1.63	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.7E-06	0.41	5.0E+00	1.4E-03	4.3E-04						
												Total	0.41			4.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	16 to 41	0.00353	250	1.63	230	1	70	1.00	1	3.0E-04	1.1E+00	5.6E-07	0.01	5.0E+00	1.4E-03	7.1E-04						
												Total	0.01			7.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7	16 to 41	0.00675	250	1.63	230	1	70	1.00	1	3.0E-04	1.1E+00	1.1E-06	0.03	5.0E+00	1.4E-03	1.4E-03						
												Total	0.03			1.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEIW)	16 to 41	0.02973	250	1.63	230	1	70	1.00	1	3.0E-04	1.1E+00	4.7E-06	0.11	5.0E+00	1.4E-03	5.9E-03						
												Total	0.11			5.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Operational Risk - Scenario 2

Receptor No.	Age Bin	DPM Conc. (µg/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	0.00009	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	3.1E-08	0.00	5.0E+00	1.4E-03	1.8E-05						
	0 to 2	0.00009	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	9.4E-08	0.02	5.0E+00	1.4E-03	1.8E-05						
	2 to 16	0.00009	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	4.9E-08	0.02	5.0E+00	1.4E-03	1.8E-05						
	16 to 30	0.00009	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.3E-08	0.00	5.0E+00	1.4E-03	1.8E-05						
												Total	0.05			7.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	-0.25 to 0	0.00031	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.1E-07	0.00	5.0E+00	1.4E-03	6.2E-05						
	0 to 2	0.00031	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.2E-07	0.08	5.0E+00	1.4E-03	6.2E-05						
	2 to 16	0.00031	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.7E-07	0.08	5.0E+00	1.4E-03	6.2E-05						
	16 to 30	0.00031	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	7.8E-08	0.01	5.0E+00	1.4E-03	6.2E-05						
												Total	0.18			2.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3 (MEIR)	-0.25 to 0	0.00047	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.6E-07	0.01	5.0E+00	1.4E-03	9.4E-05						
	0 to 2	0.00047	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	4.9E-07	0.13	5.0E+00	1.4E-03	9.4E-05						
	2 to 16	0.00047	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.6E-07	0.12	5.0E+00	1.4E-03	9.4E-05						
	16 to 30	0.00047	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.2E-07	0.02	5.0E+00	1.4E-03	9.4E-05						
												Total	0.27			3.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	-0.25 to 0	0.00005	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.7E-08	0.00	5.0E+00	1.4E-03	1.0E-05						
	0 to 2	0.00005	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.2E-08	0.01	5.0E+00	1.4E-03	1.0E-05						
	2 to 16	0.00005	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.7E-08	0.01	5.0E+00	1.4E-03	1.0E-05						
	16 to 30	0.00005	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.3E-08	0.00	5.0E+00	1.4E-03	1.0E-05						
												Total	0.03			4.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	-0.25 to 0	0.00005	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.7E-08	0.00	5.0E+00	1.4E-03	1.0E-05						
	0 to 2	0.00005	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.2E-08	0.01	5.0E+00	1.4E-03	1.0E-05						
	2 to 16	0.00005	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.7E-08	0.01	5.0E+00	1.4E-03	1.0E-05						
	16 to 30	0.00005	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.3E-08	0.00	5.0E+00	1.4E-03	1.0E-05						
												Total	0.03			4.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	16 to 41	0.00008	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	1.3E-08	0.00	5.0E+00	1.4E-03	1.6E-05						
												Total	0.00			1.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7	16 to 41	0.00022	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	3.5E-08	0.01	5.0E+00	1.4E-03	4.4E-05						
												Total	0.01			4.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEIW)	16 to 41	0.00077	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	1.2E-07	0.05	5.0E+00	1.4E-03	1.5E-04						
												Total	0.05			1.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Operational Risk

Receptor No.	Receptor Type	Cancer Risk (per million)	Chronic HI	Acute HI	Total Cancer Risk inc Generators
1	Resident	0.54	0.002	0.003	0.59
2	Resident	1.17	0.003	0.002	1.35
3 (MEIR)	Resident	1.11	0.003	0.002	1.38
4	Resident	0.29	0.001	0.001	0.32
5	Resident	0.36	0.001	0.001	0.39
6	Worker	0.04	0.001	0.002	0.04
7	Worker	0.04	0.001	0.002	0.05
8 (MEIW)	Worker	0.12	0.004	0.001	0.17

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APPENDIX 2.5:

HARP MODEL OUTPUTS (OPERATION)

*HARP - HRACalc v22118 6/1/2023 3:09:47 PM - Cancer Risk - Input File: C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\HARP\12630 OPS\hra\ResidentHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_R	EGG_RISK
1	ALL		439260	3749073	5.28E-07	30YrCancer	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		439277.6	3749071	5.41E-07	30YrCancer	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		439298.4	3749082	5.24E-07	30YrCancer	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		439312.1	3749091	5.09E-07	30YrCancer	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		439321.9	3749099	4.97E-07	30YrCancer	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		439240.7	3749075	5.13E-07	30YrCancer	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		439217.6	3749084	4.80E-07	30YrCancer	4.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		439205.3	3749090	4.61E-07	30YrCancer	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		439192.1	3749096	4.42E-07	30YrCancer	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		439179.5	3749103	4.23E-07	30YrCancer	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		439169.9	3749108	4.10E-07	30YrCancer	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		439157.1	3749114	3.95E-07	30YrCancer	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		439137.6	3749079	4.40E-07	30YrCancer	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		439113.3	3749079	4.24E-07	30YrCancer	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		439099.8	3749079	4.14E-07	30YrCancer	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		439085.4	3749079	4.03E-07	30YrCancer	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		439071.9	3749079	3.93E-07	30YrCancer	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		439045.6	3749078	3.75E-07	30YrCancer	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		438992.4	3749075	3.36E-07	30YrCancer	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		438978.2	3749073	3.27E-07	30YrCancer	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		438963	3749071	3.17E-07	30YrCancer	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		438947.1	3749069	3.06E-07	30YrCancer	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		438932.4	3749067	2.97E-07	30YrCancer	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		438917.5	3749065	2.88E-07	30YrCancer	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		438902.8	3749063	2.80E-07	30YrCancer	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		438888.1	3749060	2.72E-07	30YrCancer	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		438870.8	3749058	2.62E-07	30YrCancer	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		438854.9	3749058	2.53E-07	30YrCancer	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		438838	3749060	2.44E-07	30YrCancer	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		438779.5	3749018	2.30E-07	30YrCancer	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		438784.5	3749046	2.24E-07	30YrCancer	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		438762.9	3749005	2.26E-07	30YrCancer	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		438815.9	3749066	2.31E-07	30YrCancer	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		439042.5	3748896	8.22E-07	30YrCancer	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		439038.5	3748866	7.66E-07	30YrCancer	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		438999.1	3748811	6.43E-07	30YrCancer	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		438921.2	3748751	5.05E-07	30YrCancer	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		438794.1	3748720	2.94E-07	30YrCancer	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		438730.9	3748881	2.25E-07	30YrCancer	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		438748.6	3748863	2.37E-07	30YrCancer	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		438764.6	3748844	2.51E-07	30YrCancer	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		438785.6	3748817	2.67E-07	30YrCancer	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		438805.1	3748788	2.89E-07	30YrCancer	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		438803.2	3748751	2.96E-07	30YrCancer	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		438788.4	3748703	2.94E-07	30YrCancer	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		438780.5	3748674	2.92E-07	30YrCancer	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		438768.9	3748645	2.88E-07	30YrCancer	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

48	ALL	438751.6	3748621	2.78E-07	30YrCancer	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	438730.3	3748596	2.65E-07	30YrCancer	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	438712.2	3748572	2.55E-07	30YrCancer	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	438693.5	3748549	2.44E-07	30YrCancer	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	438676.8	3748525	2.36E-07	30YrCancer	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	438655.8	3748498	2.26E-07	30YrCancer	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	438639.1	3748476	2.19E-07	30YrCancer	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	438619.5	3748452	2.11E-07	30YrCancer	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	438600.3	3748430	2.03E-07	30YrCancer	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	438580.7	3748405	1.95E-07	30YrCancer	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	438561.4	3748384	1.88E-07	30YrCancer	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	438540.8	3748364	1.81E-07	30YrCancer	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	438520.9	3748341	1.74E-07	30YrCancer	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	438500	3748320	1.68E-07	30YrCancer	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	438735.7	3748993	2.17E-07	30YrCancer	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	438675.3	3748985	1.89E-07	30YrCancer	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	439331.1	3749108	4.82E-07	30YrCancer	4.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	439341.9	3749117	4.67E-07	30YrCancer	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	439353.6	3749127	4.50E-07	30YrCancer	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	439366.1	3749137	4.35E-07	30YrCancer	4.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	439375.7	3749144	4.26E-07	30YrCancer	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	439388.4	3749154	4.11E-07	30YrCancer	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	439400.5	3749162	3.99E-07	30YrCancer	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	439413.6	3749170	3.89E-07	30YrCancer	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	439425.7	3749178	3.80E-07	30YrCancer	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	439449.6	3749193	3.64E-07	30YrCancer	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	439473.1	3749214	3.42E-07	30YrCancer	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	439800.8	3749041	5.34E-07	30YrCancer	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	439873.8	3748887	9.18E-07	30YrCancer	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	439887.6	3748803	1.40E-06	30YrCancer	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	440077.8	3748740	9.42E-07	30YrCancer	9.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	440019.2	3748682	1.17E-06	30YrCancer	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	439929.6	3748602	1.11E-06	30YrCancer	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	439955	3748606	1.03E-06	30YrCancer	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	439983.2	3748614	9.78E-07	30YrCancer	9.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	440006.2	3748617	9.36E-07	30YrCancer	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	440071.3	3748624	8.75E-07	30YrCancer	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	440087.9	3748640	9.34E-07	30YrCancer	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	440117	3748767	7.22E-07	30YrCancer	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	439940.3	3748575	9.85E-07	30YrCancer	9.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	439996.1	3748506	6.15E-07	30YrCancer	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	440023.3	3748476	5.16E-07	30YrCancer	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	440043.2	3748464	4.58E-07	30YrCancer	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	440054.7	3748449	4.14E-07	30YrCancer	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	440063.5	3748430	3.71E-07	30YrCancer	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	440072.3	3748415	3.36E-07	30YrCancer	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	440083.8	3748396	3.00E-07	30YrCancer	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	440096.3	3748379	2.67E-07	30YrCancer	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	440105.1	3748362	2.42E-07	30YrCancer	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

97	ALL	440106.9	3748343	2.23E-07	30YrCancer	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	440120.8	3748319	1.91E-07	30YrCancer	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	440122.7	3748287	1.63E-07	30YrCancer	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	440117.3	3748253	1.40E-07	30YrCancer	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	440121.3	3748218	1.18E-07	30YrCancer	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	440128.1	3748298	1.70E-07	30YrCancer	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	440266.3	3748117	8.26E-08	30YrCancer	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	440165.5	3747899	4.32E-08	30YrCancer	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	440191.3	3747915	4.54E-08	30YrCancer	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	440206.6	3747939	4.73E-08	30YrCancer	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	440247.4	3747945	4.90E-08	30YrCancer	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	440266.7	3747951	5.02E-08	30YrCancer	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	440283.1	3747960	5.17E-08	30YrCancer	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	440300	3747969	5.29E-08	30YrCancer	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	440321.2	3747989	5.60E-08	30YrCancer	5.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	440293.3	3748094	7.94E-08	30YrCancer	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	440300	3748071	7.16E-08	30YrCancer	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	440307.9	3748048	6.61E-08	30YrCancer	6.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	440314.1	3748028	6.20E-08	30YrCancer	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	440320	3748007	5.80E-08	30YrCancer	5.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	440335.3	3747569	2.32E-08	30YrCancer	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	440507.2	3748971	2.08E-07	30YrCancer	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	439956	3749044	3.89E-07	30YrCancer	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	439952.9	3748770	1.14E-06	30YrCancer	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	438863.9	3748859	3.63E-07	30YrCancer	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/1/2023 3:09:47 PM - Acute Risk - Input File: C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\HARP\12630 OPS\hra\ResidentHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		439260	3749073	NonCancer	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
2	ALL		439277.6	3749071	NonCancer	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
3	ALL		439298.4	3749082	NonCancer	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03
4	ALL		439312.1	3749091	NonCancer	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
5	ALL		439321.9	3749099	NonCancer	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
6	ALL		439240.7	3749075	NonCancer	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03
7	ALL		439217.6	3749084	NonCancer	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03
8	ALL		439205.3	3749090	NonCancer	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.00E-03
9	ALL		439192.1	3749096	NonCancer	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
10	ALL		439179.5	3749103	NonCancer	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
11	ALL		439169.9	3749108	NonCancer	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
12	ALL		439157.1	3749114	NonCancer	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
13	ALL		439137.6	3749079	NonCancer	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
14	ALL		439113.3	3749079	NonCancer	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03
15	ALL		439099.8	3749079	NonCancer	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
16	ALL		439085.4	3749079	NonCancer	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
17	ALL		439071.9	3749079	NonCancer	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
18	ALL		439045.6	3749078	NonCancer	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
19	ALL		438992.4	3749075	NonCancer	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
20	ALL		438978.2	3749073	NonCancer	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
21	ALL		438963	3749071	NonCancer	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
22	ALL		438947.1	3749069	NonCancer	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
23	ALL		438932.4	3749067	NonCancer	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
24	ALL		438917.5	3749065	NonCancer	0.00E+00	0.00E+00	9.94E-04	0.00E+00	0.00E+00	9.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-04	0.00E+00	0.00E+00	9.94E-04
25	ALL		438902.8	3749063	NonCancer	0.00E+00	0.00E+00	9.26E-04	0.00E+00	0.00E+00	9.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-04	0.00E+00	0.00E+00	9.26E-04
26	ALL		438888.1	3749060	NonCancer	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	8.48E-04
27	ALL		438870.8	3749058	NonCancer	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	7.51E-04
28	ALL		438854.9	3749058	NonCancer	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	7.16E-04
29	ALL		438838	3749060	NonCancer	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04
30	ALL		438779.5	3749018	NonCancer	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	6.13E-04
31	ALL		438784.5	3749046	NonCancer	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
32	ALL		438762.9	3749005	NonCancer	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
33	ALL		438815.9	3749066	NonCancer	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
34	ALL		439042.5	3748896	NonCancer	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
35	ALL		439038.5	3748866	NonCancer	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	2.10E-03
36	ALL		438999.1	3748811	NonCancer	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	2.41E-03
37	ALL		438921.2	3748751	NonCancer	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
38	ALL		438794.1	3748720	NonCancer	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04
39	ALL		438730.9	3748881	NonCancer	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04
40	ALL		438748.6	3748863	NonCancer	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
41	ALL		438764.6	3748844	NonCancer	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
42	ALL		438785.6	3748817	NonCancer	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.80E-04
43	ALL		438805.1	3748788	NonCancer	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	5.94E-04
44	ALL		438803.2	3748751	NonCancer	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	5.95E-04
45	ALL		438788.4	3748703	NonCancer	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04
46	ALL		438780.5	3748674	NonCancer	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04
47	ALL		438768.9	3748645	NonCancer	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
48	ALL		438751.6	3748621	NonCancer	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
49	ALL		438730.3	3748596	NonCancer	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
50	ALL		438712.2	3748572	NonCancer	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
51	ALL		438693.5	3748549	NonCancer	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	3.94E-04
52	ALL		438676.8	3748525	NonCancer	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
53	ALL		438655.8	3748498	NonCancer	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	3.56E-04

54	ALL	438639.1	3748476	NonCancer	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	3.45E-04
55	ALL	438619.5	3748452	NonCancer	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
56	ALL	438600.3	3748430	NonCancer	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
57	ALL	438580.7	3748405	NonCancer	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	3.03E-04
58	ALL	438561.4	3748384	NonCancer	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	2.93E-04
59	ALL	438540.8	3748364	NonCancer	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	2.83E-04
60	ALL	438520.9	3748341	NonCancer	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	2.72E-04
61	ALL	438500	3748320	NonCancer	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	2.60E-04
62	ALL	438735.7	3748993	NonCancer	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	5.62E-04
63	ALL	438675.3	3748985	NonCancer	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
64	ALL	439331.1	3749108	NonCancer	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
65	ALL	439341.9	3749117	NonCancer	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	3.21E-03
66	ALL	439353.6	3749127	NonCancer	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	3.02E-03
67	ALL	439366.1	3749137	NonCancer	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
68	ALL	439375.7	3749144	NonCancer	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	2.39E-03
69	ALL	439388.4	3749154	NonCancer	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
70	ALL	439400.5	3749162	NonCancer	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
71	ALL	439413.6	3749170	NonCancer	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
72	ALL	439425.7	3749178	NonCancer	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
73	ALL	439449.6	3749193	NonCancer	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
74	ALL	439473.1	3749214	NonCancer	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
75	ALL	439800.8	3749041	NonCancer	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
76	ALL	439873.8	3748887	NonCancer	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	8.02E-04
77	ALL	439887.6	3748803	NonCancer	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
78	ALL	440077.8	3748740	NonCancer	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	1.64E-03
79	ALL	440019.2	3748682	NonCancer	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
80	ALL	439929.6	3748602	NonCancer	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	2.11E-03
81	ALL	439955	3748606	NonCancer	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03
82	ALL	439983.2	3748614	NonCancer	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
83	ALL	440006.2	3748617	NonCancer	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
84	ALL	440071.3	3748624	NonCancer	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
85	ALL	440087.9	3748640	NonCancer	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
86	ALL	440117	3748767	NonCancer	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
87	ALL	439940.3	3748575	NonCancer	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	2.03E-03
88	ALL	439996.1	3748506	NonCancer	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
89	ALL	440023.3	3748476	NonCancer	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
90	ALL	440043.2	3748464	NonCancer	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
91	ALL	440054.7	3748449	NonCancer	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	1.55E-03
92	ALL	440063.5	3748430	NonCancer	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
93	ALL	440072.3	3748415	NonCancer	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
94	ALL	440083.8	3748396	NonCancer	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
95	ALL	440096.3	3748379	NonCancer	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
96	ALL	440105.1	3748362	NonCancer	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
97	ALL	440106.9	3748343	NonCancer	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
98	ALL	440120.8	3748319	NonCancer	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
99	ALL	440122.7	3748287	NonCancer	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
100	ALL	440117.3	3748253	NonCancer	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
101	ALL	440121.3	3748218	NonCancer	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
102	ALL	440128.1	3748298	NonCancer	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
103	ALL	440266.3	3748117	NonCancer	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
104	ALL	440165.5	3747899	NonCancer	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
105	ALL	440191.3	3747915	NonCancer	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	9.98E-04
106	ALL	440206.6	3747939	NonCancer	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
107	ALL	440247.4	3747945	NonCancer	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04
108	ALL	440266.7	3747951	NonCancer	0.00E+00	0.00E+00	9.52E-04	0.00E+00	0.00E+00	9.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-04	0.00E+00	0.00E+00	9.52E-04

109	ALL	440283.1	3747960	NonCancer	0.00E+00	0.00E+00	9.69E-04	0.00E+00	0.00E+00	9.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-04	0.00E+00	0.00E+00	9.69E-04
110	ALL	440300	3747969	NonCancer	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	9.53E-04
111	ALL	440321.2	3747989	NonCancer	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	9.45E-04
112	ALL	440293.3	3748094	NonCancer	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
113	ALL	440300	3748071	NonCancer	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
114	ALL	440307.9	3748048	NonCancer	0.00E+00	0.00E+00	9.70E-04	0.00E+00	0.00E+00	9.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-04	0.00E+00	0.00E+00	9.70E-04
115	ALL	440314.1	3748028	NonCancer	0.00E+00	0.00E+00	9.72E-04	0.00E+00	0.00E+00	9.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-04	0.00E+00	0.00E+00	9.72E-04
116	ALL	440320	3748007	NonCancer	0.00E+00	0.00E+00	9.49E-04	0.00E+00	0.00E+00	9.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-04	0.00E+00	0.00E+00	9.49E-04
117	ALL	440335.3	3747569	NonCancer	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	7.46E-04
118	ALL	440507.2	3748971	NonCancer	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	8.11E-04
119	ALL	439956	3749044	NonCancer	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	7.63E-04
120	ALL	439952.9	3748770	NonCancer	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	9.03E-04
121	ALL	438863.9	3748859	NonCancer	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03

*HARP - HRACalc v22118 6/1/2023 3:09:47 PM - Chronic Risk - Input File: C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\HARP\12630 OPS\hra\ResidentHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		439260	3749073	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.44E-07	3.44E-07	3.44E-07	1.38E-04	0.00E+00	0.00E+00	0.00E+00	3.44E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
2	ALL		439277.6	3749071	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.71E-07	3.71E-07	3.71E-07	1.42E-04	0.00E+00	0.00E+00	0.00E+00	3.71E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
3	ALL		439298.4	3749082	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.54E-07	3.54E-07	3.54E-07	1.37E-04	0.00E+00	0.00E+00	0.00E+00	3.54E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
4	ALL		439312.1	3749091	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.36E-07	3.36E-07	3.36E-07	1.34E-04	0.00E+00	0.00E+00	0.00E+00	3.36E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
5	ALL		439321.9	3749099	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.19E-07	3.19E-07	3.19E-07	1.30E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
6	ALL		439240.7	3749075	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.16E-07	3.16E-07	3.16E-07	1.35E-04	0.00E+00	0.00E+00	0.00E+00	3.16E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
7	ALL		439217.6	3749084	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.70E-07	2.70E-07	2.70E-07	1.26E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
8	ALL		439205.3	3749090	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.48E-07	2.48E-07	2.48E-07	1.22E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
9	ALL		439192.1	3749096	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.26E-07	2.26E-07	2.26E-07	1.17E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
10	ALL		439179.5	3749103	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.08E-07	2.08E-07	2.08E-07	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-07	1.10E-04	0.00E+00	0.00E+00	1.12E-04
11	ALL		439169.9	3749108	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.95E-07	1.95E-07	1.95E-07	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-07	1.03E-04	0.00E+00	0.00E+00	1.08E-04
12	ALL		439157.1	3749114	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.81E-07	1.81E-07	1.81E-07	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-07	9.60E-05	0.00E+00	0.00E+00	1.04E-04
13	ALL		439137.6	3749079	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.98E-07	1.98E-07	1.98E-07	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-07	1.05E-04	0.00E+00	0.00E+00	1.16E-04
14	ALL		439113.3	3749079	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.79E-07	1.79E-07	1.79E-07	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-07	9.44E-05	0.00E+00	0.00E+00	1.12E-04
15	ALL		439099.8	3749079	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.69E-07	1.69E-07	1.69E-07	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-07	8.92E-05	0.00E+00	0.00E+00	1.10E-04
16	ALL		439085.4	3749079	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.59E-07	1.59E-07	1.59E-07	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-07	8.39E-05	0.00E+00	0.00E+00	1.07E-04
17	ALL		439071.9	3749079	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.51E-07	1.51E-07	1.51E-07	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-07	7.96E-05	0.00E+00	0.00E+00	1.04E-04
18	ALL		439045.6	3749078	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.37E-07	1.37E-07	1.37E-07	9.96E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-07	7.22E-05	0.00E+00	0.00E+00	9.96E-05
19	ALL		438992.4	3749075	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.12E-07	1.12E-07	8.91E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-07	5.94E-05	0.00E+00	0.00E+00	8.91E-05
20	ALL		438978.2	3749073	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.07E-07	1.07E-07	1.07E-07	8.68E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-07	5.67E-05	0.00E+00	0.00E+00	8.68E-05
21	ALL		438963	3749071	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.02E-07	1.02E-07	8.42E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-07	5.39E-05	0.00E+00	0.00E+00	8.42E-05
22	ALL		438947.1	3749069	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.68E-08	9.68E-08	9.68E-08	8.14E-05	0.00E+00	0.00E+00	0.00E+00	9.68E-08	5.12E-05	0.00E+00	0.00E+00	8.14E-05
23	ALL		438932.4	3749067	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.24E-08	9.24E-08	9.24E-08	7.90E-05	0.00E+00	0.00E+00	0.00E+00	9.24E-08	4.89E-05	0.00E+00	0.00E+00	7.90E-05
24	ALL		438917.5	3749065	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.82E-08	8.82E-08	8.82E-08	7.66E-05	0.00E+00	0.00E+00	0.00E+00	8.82E-08	4.67E-05	0.00E+00	0.00E+00	7.66E-05
25	ALL		438902.8	3749063	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.44E-08	8.44E-08	8.44E-08	7.44E-05	0.00E+00	0.00E+00	0.00E+00	8.44E-08	4.46E-05	0.00E+00	0.00E+00	7.44E-05
26	ALL		438888.1	3749060	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.08E-08	8.08E-08	8.08E-08	7.22E-05	0.00E+00	0.00E+00	0.00E+00	8.08E-08	4.28E-05	0.00E+00	0.00E+00	7.22E-05
27	ALL		438870.8	3749058	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.68E-08	7.68E-08	7.68E-08	6.97E-05	0.00E+00	0.00E+00	0.00E+00	7.68E-08	4.06E-05	0.00E+00	0.00E+00	6.97E-05
28	ALL		438854.9	3749058	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.32E-08	7.32E-08	7.32E-08	6.73E-05	0.00E+00	0.00E+00	0.00E+00	7.32E-08	3.87E-05	0.00E+00	0.00E+00	6.73E-05
29	ALL		438838	3749060	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.95E-08	6.95E-08	6.95E-08	6.48E-05	0.00E+00	0.00E+00	0.00E+00	6.95E-08	3.68E-05	0.00E+00	0.00E+00	6.48E-05
30	ALL		438779.5	3749018	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.21E-08	6.21E-08	6.21E-08	6.12E-05	0.00E+00	0.00E+00	0.00E+00	6.21E-08	3.29E-05	0.00E+00	0.00E+00	6.12E-05
31	ALL		438784.5	3749046	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.11E-08	6.11E-08	6.11E-08	5.97E-05	0.00E+00	0.00E+00	0.00E+00	6.11E-08	3.23E-05	0.00E+00	0.00E+00	5.97E-05
32	ALL		438762.9	3749005	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.02E-08	6.02E-08	6.02E-08	6.01E-05	0.00E+00	0.00E+00	0.00E+00	6.02E-08	3.19E-05	0.00E+00	0.00E+00	6.01E-05
33	ALL		438815.9	3749066	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.48E-08	6.48E-08	6.48E-08	6.15E-05	0.00E+00	0.00E+00	0.00E+00	6.48E-08	3.43E-05	0.00E+00	0.00E+00	6.15E-05
34	ALL		439042.5	3748896	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.01E-07	2.01E-07	2.01E-07	2.19E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-07	1.06E-04	0.00E+00	0.00E+00	2.19E-04
35	ALL		439038.5	3748866	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.06E-07	2.06E-07	2.06E-07	2.04E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-07	1.11E-04	0.00E+00	0.00E+00	2.04E-04
36	ALL		438999.1	3748811	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.01E-07	2.01E-07	2.01E-07	1.71E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-07	1.06E-04	0.00E+00	0.00E+00	1.71E-04
37	ALL		438921.2	3748751	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.49E-07	1.49E-07	1.49E-07	1.34E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-07	7.87E-05	0.00E+00	0.00E+00	1.34E-04
38	ALL		438794.1	3748720	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.49E-08	7.49E-08	7.49E-08	7.85E-05	0.00E+00	0.00E+00	0.00E+00	7.49E-08	3.91E-05	0.00E+00	0.00E+00	7.85E-05
39	ALL		438730.9	3748881	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.82E-08	5.82E-08	5.82E-08	5.98E-05	0.00E+00	0.00E+00	0.00E+00	5.82E-08	3.07E-05	0.00E+00	0.00E+00	5.98E-05
40	ALL		438748.6	3748863	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.18E-08	6.18E-08	6.18E-08	6.32E-05	0.00E+00	0.00E+00	0.00E+00	6.18E-08	3.26E-05	0.00E+00	0.00E+00	6.32E-05
41	ALL		438764.6	3748844	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.56E-08	6.56E-08	6.56E-08	6.69E-05	0.00E+00	0.00E+00	0.00E+00	6.56E-08	3.46E-05	0.00E+00	0.00E+00	6.69E-05
42	ALL		438785.6	3748817	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.98E-08	6.98E-08	6.98E-08	7.11E-05	0.00E+00	0.00E+00	0.00E+00	6.98E-08	3.67E-05	0.00E+00	0.00E+00	7.11E-05
43	ALL		438805.1	3748788	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.56E-08	7.56E-08	7.56E-08	7.69E-05	0.00E+00	0.00E+00	0.00E+00	7.56E-08	3.97E-05	0.00E+00	0.00E+00	7.69E-05
44	ALL		438803.2	3748751	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.64E-08	7.64E-08	7.64E-08	7.87E-05	0.00E+00	0.00E+00	0.00E+00	7.64E-08	4.00E-05	0.00E+00	0.00E+00	7.87E-05
45	ALL		438788.4	3748703	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.40E-08	7.40E-08	7.40E-08	7.82E-05	0.00E+00	0.00E+00	0.00E+00	7.40E-08	3.86E-05	0.00E+00	0.00E+00	7.82E-05
46	ALL		438780.5	3748674	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.23E-08	7.23E-08	7.23E-08	7.79E-05	0.00E+00	0.00E+00	0.00E+00	7.23E-08	3.76E-05	0.00E+00	0.00E+00	7.79E-05
47	ALL		438768.9	3748645	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.96E-08	6.96E-08	6.96E-08	7.67E-05	0.00E+00	0.00E+00	0.00E+00	6.96E-08	3.62E-05	0.00E+00	0.00E+00	7.67E-05
48	ALL		438751.6	3748621	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.57E-08	6.57E-08	6.57E-08	7.40E-05	0.00E+00	0.00E+00	0.00E+00	6.57E-08	3.41E-05	0.00E+00	0.00E+00	7.40E-05
49	ALL		438730.3	3748596	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.14E-08	6.14E-08	6.14E-08	7.07E-05	0.00E+00	0.00E+00	0.00E+00	6.14E-08	3.19E-05	0.00E+00	0.00E+00	7.07E-05
50	ALL		438712.2	3748572	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.78E-08	5.78E-08	5.78E-08	6.80E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-08	3.00E-05	0.00E+00	0.00E+00	6.80E-05
51	ALL		438693.5	3748549	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.42E-08	5.42E-08	5.42E-08	6.51E-05	0.00E+00	0.00E+00	0.00E+00	5.42E-08	2.82E-05	0.00E+00	0.00E+00	6.51E-05
52	ALL		438676.8	3748525	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.14E-08	5.14E-08	5.14E-08	6.28E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-08	2.67E-05	0.00E+00	0.00E+00	6.28E-05
53	ALL		438655.8	3748498	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.84E-08	4.84E-08	4.84E-08	6.03E-05	0.00E+00	0.00E+00	0.00E+00	4.84E-08	2.51E-05	0.00E+00	0.00E+00	6.03E-05

54	ALL	438639.1	3748476	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.63E-08	4.63E-08	4.63E-08	5.84E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-08	2.40E-05	0.00E+00	0.00E+00	5.84E-05
55	ALL	438619.5	3748452	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.40E-08	4.40E-08	4.40E-08	5.63E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-08	2.28E-05	0.00E+00	0.00E+00	5.63E-05
56	ALL	438600.3	3748430	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.18E-08	4.18E-08	4.18E-08	5.42E-05	0.00E+00	0.00E+00	0.00E+00	4.18E-08	2.17E-05	0.00E+00	0.00E+00	5.42E-05
57	ALL	438580.7	3748405	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.96E-08	3.96E-08	3.96E-08	5.21E-05	0.00E+00	0.00E+00	0.00E+00	3.96E-08	2.06E-05	0.00E+00	0.00E+00	5.21E-05
58	ALL	438561.4	3748384	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.79E-08	3.79E-08	3.79E-08	5.02E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-08	1.96E-05	0.00E+00	0.00E+00	5.02E-05
59	ALL	438540.8	3748364	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.61E-08	3.61E-08	3.61E-08	4.83E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-08	1.87E-05	0.00E+00	0.00E+00	4.83E-05
60	ALL	438520.9	3748341	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.45E-08	3.45E-08	3.45E-08	4.66E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-08	1.79E-05	0.00E+00	0.00E+00	4.66E-05
61	ALL	438500	3748320	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.29E-08	3.29E-08	3.29E-08	4.47E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-08	1.71E-05	0.00E+00	0.00E+00	4.47E-05
62	ALL	438735.7	3748993	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.67E-08	5.67E-08	5.67E-08	5.79E-05	0.00E+00	0.00E+00	0.00E+00	5.67E-08	3.01E-05	0.00E+00	0.00E+00	5.79E-05
63	ALL	438675.3	3748985	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.83E-08	4.83E-08	4.83E-08	5.03E-05	0.00E+00	0.00E+00	0.00E+00	4.83E-08	2.56E-05	0.00E+00	0.00E+00	5.03E-05
64	ALL	439331.1	3749108	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.98E-07	2.98E-07	2.98E-07	1.26E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
65	ALL	439341.9	3749117	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.77E-07	2.77E-07	2.77E-07	1.23E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
66	ALL	439353.6	3749127	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.56E-07	2.56E-07	2.56E-07	1.18E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
67	ALL	439366.1	3749137	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.36E-07	2.36E-07	2.36E-07	1.15E-04	0.00E+00	0.00E+00	0.00E+00	2.36E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
68	ALL	439375.7	3749144	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.23E-07	2.23E-07	2.23E-07	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
69	ALL	439388.4	3749154	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.06E-07	2.06E-07	2.06E-07	1.08E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
70	ALL	439400.5	3749162	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.91E-07	1.91E-07	1.91E-07	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-07	1.03E-04	0.00E+00	0.00E+00	1.05E-04
71	ALL	439413.6	3749170	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.79E-07	1.79E-07	1.79E-07	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-07	9.66E-05	0.00E+00	0.00E+00	1.03E-04
72	ALL	439425.7	3749178	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.68E-07	1.68E-07	1.68E-07	1.00E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-07	9.06E-05	0.00E+00	0.00E+00	1.00E-04
73	ALL	439449.6	3749193	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.50E-07	1.50E-07	1.50E-07	9.62E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-07	8.10E-05	0.00E+00	0.00E+00	9.62E-05
74	ALL	439473.1	3749214	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.31E-07	1.31E-07	1.31E-07	9.07E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-07	7.06E-05	0.00E+00	0.00E+00	9.07E-05
75	ALL	439800.8	3749041	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.10E-07	1.10E-07	1.42E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-07	6.15E-05	0.00E+00	0.00E+00	1.42E-04
76	ALL	439873.8	3748887	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.74E-07	1.74E-07	1.74E-07	2.45E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-07	8.89E-05	0.00E+00	0.00E+00	2.45E-04
77	ALL	439887.6	3748803	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.53E-07	1.53E-07	1.53E-07	3.76E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-07	7.80E-05	0.00E+00	0.00E+00	3.76E-04
78	ALL	440077.8	3748740	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.13E-07	1.13E-07	1.13E-07	2.52E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-07	5.90E-05	0.00E+00	0.00E+00	2.52E-04
79	ALL	440019.2	3748682	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.02E-08	9.02E-08	9.02E-08	3.14E-04	0.00E+00	0.00E+00	0.00E+00	9.02E-08	4.78E-05	0.00E+00	0.00E+00	3.14E-04
80	ALL	439929.6	3748602	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.66E-08	3.66E-08	3.66E-08	2.99E-04	0.00E+00	0.00E+00	0.00E+00	3.66E-08	1.94E-05	0.00E+00	0.00E+00	2.99E-04
81	ALL	439955	3748606	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.71E-08	3.71E-08	3.71E-08	2.77E-04	0.00E+00	0.00E+00	0.00E+00	3.71E-08	1.97E-05	0.00E+00	0.00E+00	2.77E-04
82	ALL	439983.2	3748614	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.93E-08	3.93E-08	3.93E-08	2.62E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-08	2.08E-05	0.00E+00	0.00E+00	2.62E-04
83	ALL	440006.2	3748617	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.06E-08	4.06E-08	4.06E-08	2.51E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-08	2.14E-05	0.00E+00	0.00E+00	2.51E-04
84	ALL	440071.3	3748624	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.68E-08	4.68E-08	4.68E-08	2.35E-04	0.00E+00	0.00E+00	0.00E+00	4.68E-08	2.46E-05	0.00E+00	0.00E+00	2.35E-04
85	ALL	440087.9	3748640	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.99E-08	5.99E-08	5.99E-08	2.50E-04	0.00E+00	0.00E+00	0.00E+00	5.99E-08	3.15E-05	0.00E+00	0.00E+00	2.50E-04
86	ALL	440117	3748767	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.09E-07	1.09E-07	1.93E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-07	5.59E-05	0.00E+00	0.00E+00	1.93E-04
87	ALL	439940.3	3748575	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.19E-08	3.19E-08	3.19E-08	2.64E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-08	1.69E-05	0.00E+00	0.00E+00	2.64E-04
88	ALL	439996.1	3748506	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.37E-08	2.37E-08	2.37E-08	1.65E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-08	1.25E-05	0.00E+00	0.00E+00	1.65E-04
89	ALL	440023.3	3748476	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.15E-08	2.15E-08	2.15E-08	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-08	1.14E-05	0.00E+00	0.00E+00	1.38E-04
90	ALL	440043.2	3748464	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.01E-08	2.01E-08	2.01E-08	1.23E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-08	1.06E-05	0.00E+00	0.00E+00	1.23E-04
91	ALL	440054.7	3748449	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.89E-08	1.89E-08	1.89E-08	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-08	9.99E-06	0.00E+00	0.00E+00	1.11E-04
92	ALL	440063.5	3748430	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.77E-08	1.77E-08	1.77E-08	9.95E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-08	9.35E-06	0.00E+00	0.00E+00	9.95E-05
93	ALL	440072.3	3748415	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.68E-08	1.68E-08	1.68E-08	9.02E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-08	8.83E-06	0.00E+00	0.00E+00	9.02E-05
94	ALL	440083.8	3748396	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.57E-08	1.57E-08	1.57E-08	8.05E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-08	8.27E-06	0.00E+00	0.00E+00	8.05E-05
95	ALL	440096.3	3748379	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.47E-08	1.47E-08	1.47E-08	7.17E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-08	7.75E-06	0.00E+00	0.00E+00	7.17E-05
96	ALL	440105.1	3748362	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.38E-08	1.38E-08	1.38E-08	6.50E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-08	7.31E-06	0.00E+00	0.00E+00	6.50E-05
97	ALL	440106.9	3748343	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.31E-08	1.31E-08	1.31E-08	5.98E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-08	6.91E-06	0.00E+00	0.00E+00	5.98E-05
98	ALL	440120.8	3748319	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.20E-08	1.20E-08	5.11E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-08	6.34E-06	0.00E+00	0.00E+00	5.11E-05
99	ALL	440122.7	3748287	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.09E-08	1.09E-08	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-08	5.78E-06	0.00E+00	0.00E+00	4.38E-05
100	ALL	440117.3	3748253	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.01E-08	1.01E-08	3.76E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-08	5.37E-06	0.00E+00	0.00E+00	3.76E-05
101	ALL	440121.3	3748218	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.52E-09	9.52E-09	9.52E-09	3.16E-05	0.00E+00	0.00E+00	0.00E+00	9.52E-09	5.00E-06	0.00E+00	0.00E+00	3.16E-05
102	ALL	440128.1	3748298	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.12E-08	1.12E-08	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-08	5.93E-06	0.00E+00	0.00E+00	4.55E-05
103	ALL	440266.3	3748117	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.35E-09	7.35E-09	7.35E-09	2.21E-05	0.00E+00	0.00E+00	0.00E+00	7.35E-09	3.89E-06	0.00E+00	0.00E+00	2.21E-05
104	ALL	440165.5	3747899	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.36E-09	4.36E-09	4.36E-09	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-09	2.32E-06	0.00E+00	0.00E+00	1.16E-05
105	ALL	440191.3	3747915	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.77E-09	4.77E-09	4.77E-09	1.21E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-09	2.51E-06	0.00E+00	0.00E+00	1.21E-05
106	ALL	440206.6	3747939	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.17E-09	5.17E-09	5.17E-09	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.17E-09	2.70E-06	0.00E+00	0.00E+00	1.27E-05
107	ALL	440247.4	3747945	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.46E-09	5.46E-09	5.46E-09	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.46E-09	2.84E-06	0.00E+00	0.00E+00	1.31E-05
108	ALL	440266.7	3747951	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.60E-09	5.60E-09	5.60E-09	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.60E-09	2.92E-06	0.00E+00	0.00E+00	1.35E-05

109	ALL	440283.1	3747960	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.75E-09	5.75E-09	5.75E-09	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.75E-09	2.99E-06	0.00E+00	0.00E+00	1.38E-05
110	ALL	440300	3747969	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.87E-09	5.87E-09	5.87E-09	1.42E-05	0.00E+00	0.00E+00	0.00E+00	5.87E-09	3.05E-06	0.00E+00	0.00E+00	1.42E-05
111	ALL	440321.2	3747989	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.05E-09	6.05E-09	6.05E-09	1.50E-05	0.00E+00	0.00E+00	0.00E+00	6.05E-09	3.16E-06	0.00E+00	0.00E+00	1.50E-05
112	ALL	440293.3	3748094	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.07E-09	7.07E-09	7.07E-09	2.13E-05	0.00E+00	0.00E+00	0.00E+00	7.07E-09	3.74E-06	0.00E+00	0.00E+00	2.13E-05
113	ALL	440300	3748071	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.79E-09	6.79E-09	6.79E-09	1.92E-05	0.00E+00	0.00E+00	0.00E+00	6.79E-09	3.58E-06	0.00E+00	0.00E+00	1.92E-05
114	ALL	440307.9	3748048	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.56E-09	6.56E-09	6.56E-09	1.77E-05	0.00E+00	0.00E+00	0.00E+00	6.56E-09	3.45E-06	0.00E+00	0.00E+00	1.77E-05
115	ALL	440314.1	3748028	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.38E-09	6.38E-09	6.38E-09	1.66E-05	0.00E+00	0.00E+00	0.00E+00	6.38E-09	3.34E-06	0.00E+00	0.00E+00	1.66E-05
116	ALL	440320	3748007	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.18E-09	6.18E-09	6.18E-09	1.55E-05	0.00E+00	0.00E+00	0.00E+00	6.18E-09	3.23E-06	0.00E+00	0.00E+00	1.55E-05
117	ALL	440335.3	3747569	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.60E-09	2.60E-09	2.60E-09	6.20E-06	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.38E-06	0.00E+00	0.00E+00	6.20E-06
118	ALL	440507.2	3748971	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.63E-08	5.63E-08	5.63E-08	5.55E-05	0.00E+00	0.00E+00	0.00E+00	5.63E-08	2.98E-05	0.00E+00	0.00E+00	5.55E-05
119	ALL	439956	3749044	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.58E-08	7.58E-08	7.58E-08	1.04E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-08	4.19E-05	0.00E+00	0.00E+00	1.04E-04
120	ALL	439952.9	3748770	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.17E-07	1.17E-07	1.17E-07	3.06E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-07	6.40E-05	0.00E+00	0.00E+00	3.06E-04
121	ALL	438863.9	3748859	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.73E-08	9.73E-08	9.73E-08	9.65E-05	0.00E+00	0.00E+00	0.00E+00	9.73E-08	5.28E-05	0.00E+00	0.00E+00	9.65E-05

*HARP - HRACalc v22118 6/1/2023 3:11:05 PM - Cancer Risk - Input File: C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\HARP\12630 OPS\hra\WorkerHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_R	EGG_RISK
1	ALL		439260	3749073	4.39E-08	25YrCancer	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		439277.6	3749071	4.50E-08	25YrCancer	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		439298.4	3749082	4.36E-08	25YrCancer	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		439312.1	3749091	4.24E-08	25YrCancer	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		439321.9	3749099	4.13E-08	25YrCancer	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		439240.7	3749075	4.27E-08	25YrCancer	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		439217.6	3749084	3.99E-08	25YrCancer	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		439205.3	3749090	3.84E-08	25YrCancer	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		439192.1	3749096	3.67E-08	25YrCancer	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		439179.5	3749103	3.52E-08	25YrCancer	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		439169.9	3749108	3.41E-08	25YrCancer	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		439157.1	3749114	3.28E-08	25YrCancer	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		439137.6	3749079	3.66E-08	25YrCancer	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		439113.3	3749079	3.52E-08	25YrCancer	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		439099.8	3749079	3.44E-08	25YrCancer	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		439085.4	3749079	3.35E-08	25YrCancer	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		439071.9	3749079	3.27E-08	25YrCancer	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		439045.6	3749078	3.12E-08	25YrCancer	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		438992.4	3749075	2.79E-08	25YrCancer	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		438978.2	3749073	2.72E-08	25YrCancer	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		438963	3749071	2.63E-08	25YrCancer	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		438947.1	3749069	2.55E-08	25YrCancer	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		438932.4	3749067	2.47E-08	25YrCancer	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		438917.5	3749065	2.40E-08	25YrCancer	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		438902.8	3749063	2.33E-08	25YrCancer	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		438888.1	3749060	2.26E-08	25YrCancer	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		438870.8	3749058	2.18E-08	25YrCancer	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		438854.9	3749058	2.10E-08	25YrCancer	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		438838	3749060	2.03E-08	25YrCancer	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		438779.5	3749018	1.91E-08	25YrCancer	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		438784.5	3749046	1.86E-08	25YrCancer	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		438762.9	3749005	1.88E-08	25YrCancer	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		438815.9	3749066	1.92E-08	25YrCancer	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		439042.5	3748896	6.83E-08	25YrCancer	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		439038.5	3748866	6.37E-08	25YrCancer	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		438999.1	3748811	5.34E-08	25YrCancer	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		438921.2	3748751	4.20E-08	25YrCancer	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		438794.1	3748720	2.45E-08	25YrCancer	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		438730.9	3748881	1.87E-08	25YrCancer	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		438748.6	3748863	1.97E-08	25YrCancer	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		438764.6	3748844	2.09E-08	25YrCancer	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		438785.6	3748817	2.22E-08	25YrCancer	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		438805.1	3748788	2.40E-08	25YrCancer	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		438803.2	3748751	2.46E-08	25YrCancer	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		438788.4	3748703	2.44E-08	25YrCancer	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		438780.5	3748674	2.43E-08	25YrCancer	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		438768.9	3748645	2.39E-08	25YrCancer	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

48	ALL	438751.6	3748621	2.31E-08	25YrCancer	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	438730.3	3748596	2.21E-08	25YrCancer	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	438712.2	3748572	2.12E-08	25YrCancer	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	438693.5	3748549	2.03E-08	25YrCancer	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	438676.8	3748525	1.96E-08	25YrCancer	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	438655.8	3748498	1.88E-08	25YrCancer	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	438639.1	3748476	1.82E-08	25YrCancer	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	438619.5	3748452	1.75E-08	25YrCancer	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	438600.3	3748430	1.69E-08	25YrCancer	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	438580.7	3748405	1.62E-08	25YrCancer	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	438561.4	3748384	1.56E-08	25YrCancer	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	438540.8	3748364	1.51E-08	25YrCancer	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	438520.9	3748341	1.45E-08	25YrCancer	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	438500	3748320	1.39E-08	25YrCancer	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	438735.7	3748993	1.81E-08	25YrCancer	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	438675.3	3748985	1.57E-08	25YrCancer	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	439331.1	3749108	4.01E-08	25YrCancer	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	439341.9	3749117	3.88E-08	25YrCancer	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	439353.6	3749127	3.75E-08	25YrCancer	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	439366.1	3749137	3.62E-08	25YrCancer	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	439375.7	3749144	3.54E-08	25YrCancer	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	439388.4	3749154	3.42E-08	25YrCancer	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	439400.5	3749162	3.32E-08	25YrCancer	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	439413.6	3749170	3.24E-08	25YrCancer	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	439425.7	3749178	3.16E-08	25YrCancer	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	439449.6	3749193	3.02E-08	25YrCancer	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	439473.1	3749214	2.85E-08	25YrCancer	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	439800.8	3749041	4.44E-08	25YrCancer	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	439873.8	3748887	7.63E-08	25YrCancer	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	439887.6	3748803	1.17E-07	25YrCancer	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	440077.8	3748740	7.83E-08	25YrCancer	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	440019.2	3748682	9.75E-08	25YrCancer	9.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	439929.6	3748602	9.26E-08	25YrCancer	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	439955	3748606	8.57E-08	25YrCancer	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	439983.2	3748614	8.13E-08	25YrCancer	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	440006.2	3748617	7.78E-08	25YrCancer	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	440071.3	3748624	7.28E-08	25YrCancer	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	440087.9	3748640	7.76E-08	25YrCancer	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	440117	3748767	6.00E-08	25YrCancer	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	439940.3	3748575	8.19E-08	25YrCancer	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	439996.1	3748506	5.11E-08	25YrCancer	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	440023.3	3748476	4.29E-08	25YrCancer	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	440043.2	3748464	3.80E-08	25YrCancer	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	440054.7	3748449	3.44E-08	25YrCancer	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	440063.5	3748430	3.08E-08	25YrCancer	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	440072.3	3748415	2.80E-08	25YrCancer	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	440083.8	3748396	2.50E-08	25YrCancer	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	440096.3	3748379	2.22E-08	25YrCancer	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	440105.1	3748362	2.01E-08	25YrCancer	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

97	ALL	440106.9	3748343	1.85E-08	25YrCancer	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	440120.8	3748319	1.59E-08	25YrCancer	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	440122.7	3748287	1.36E-08	25YrCancer	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	440117.3	3748253	1.17E-08	25YrCancer	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	440121.3	3748218	9.81E-09	25YrCancer	9.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	440128.1	3748298	1.41E-08	25YrCancer	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	440266.3	3748117	6.86E-09	25YrCancer	6.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	440165.5	3747899	3.59E-09	25YrCancer	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	440191.3	3747915	3.77E-09	25YrCancer	3.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	440206.6	3747939	3.93E-09	25YrCancer	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	440247.4	3747945	4.08E-09	25YrCancer	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	440266.7	3747951	4.18E-09	25YrCancer	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	440283.1	3747960	4.30E-09	25YrCancer	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	440300	3747969	4.40E-09	25YrCancer	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	440321.2	3747989	4.65E-09	25YrCancer	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	440293.3	3748094	6.60E-09	25YrCancer	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	440300	3748071	5.95E-09	25YrCancer	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	440307.9	3748048	5.49E-09	25YrCancer	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	440314.1	3748028	5.16E-09	25YrCancer	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	440320	3748007	4.82E-09	25YrCancer	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	440335.3	3747569	1.93E-09	25YrCancer	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	440507.2	3748971	1.73E-08	25YrCancer	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	439956	3749044	3.23E-08	25YrCancer	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	439952.9	3748770	9.50E-08	25YrCancer	9.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	438863.9	3748859	3.02E-08	25YrCancer	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v22118 6/1/2023 3:11:05 PM - Acute Risk - Input File: C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\HARP\12630 OPS\hra\WorkerHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		439260	3749073	NonCancer	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	2.62E-03
2	ALL		439277.6	3749071	NonCancer	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	3.03E-03
3	ALL		439298.4	3749082	NonCancer	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	3.17E-03
4	ALL		439312.1	3749091	NonCancer	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	2.82E-03
5	ALL		439321.9	3749099	NonCancer	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
6	ALL		439240.7	3749075	NonCancer	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	2.46E-03
7	ALL		439217.6	3749084	NonCancer	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	2.17E-03
8	ALL		439205.3	3749090	NonCancer	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	2.00E-03
9	ALL		439192.1	3749096	NonCancer	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
10	ALL		439179.5	3749103	NonCancer	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	1.74E-03
11	ALL		439169.9	3749108	NonCancer	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
12	ALL		439157.1	3749114	NonCancer	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
13	ALL		439137.6	3749079	NonCancer	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.72E-03
14	ALL		439113.3	3749079	NonCancer	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	1.58E-03
15	ALL		439099.8	3749079	NonCancer	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
16	ALL		439085.4	3749079	NonCancer	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	1.47E-03
17	ALL		439071.9	3749079	NonCancer	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	1.39E-03
18	ALL		439045.6	3749078	NonCancer	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.29E-03
19	ALL		438992.4	3749075	NonCancer	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
20	ALL		438978.2	3749073	NonCancer	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.10E-03
21	ALL		438963	3749071	NonCancer	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	1.11E-03
22	ALL		438947.1	3749069	NonCancer	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	1.09E-03
23	ALL		438932.4	3749067	NonCancer	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03
24	ALL		438917.5	3749065	NonCancer	0.00E+00	0.00E+00	9.94E-04	0.00E+00	0.00E+00	9.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-04	0.00E+00	0.00E+00	9.94E-04
25	ALL		438902.8	3749063	NonCancer	0.00E+00	0.00E+00	9.26E-04	0.00E+00	0.00E+00	9.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-04	0.00E+00	0.00E+00	9.26E-04
26	ALL		438888.1	3749060	NonCancer	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	8.48E-04
27	ALL		438870.8	3749058	NonCancer	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	7.51E-04
28	ALL		438854.9	3749058	NonCancer	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	7.16E-04
29	ALL		438838	3749060	NonCancer	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	6.86E-04
30	ALL		438779.5	3749018	NonCancer	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	6.13E-04
31	ALL		438784.5	3749046	NonCancer	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	6.10E-04
32	ALL		438762.9	3749005	NonCancer	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	5.93E-04
33	ALL		438815.9	3749066	NonCancer	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	6.48E-04
34	ALL		439042.5	3748896	NonCancer	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
35	ALL		439038.5	3748866	NonCancer	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	2.10E-03
36	ALL		438999.1	3748811	NonCancer	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	2.41E-03
37	ALL		438921.2	3748751	NonCancer	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
38	ALL		438794.1	3748720	NonCancer	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	6.16E-04
39	ALL		438730.9	3748881	NonCancer	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	5.65E-04
40	ALL		438748.6	3748863	NonCancer	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	6.25E-04
41	ALL		438764.6	3748844	NonCancer	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	6.30E-04
42	ALL		438785.6	3748817	NonCancer	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	5.80E-04
43	ALL		438805.1	3748788	NonCancer	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	5.94E-04
44	ALL		438803.2	3748751	NonCancer	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	5.95E-04
45	ALL		438788.4	3748703	NonCancer	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	6.04E-04
46	ALL		438780.5	3748674	NonCancer	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	5.38E-04
47	ALL		438768.9	3748645	NonCancer	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	5.07E-04
48	ALL		438751.6	3748621	NonCancer	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	4.82E-04
49	ALL		438730.3	3748596	NonCancer	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	4.48E-04
50	ALL		438712.2	3748572	NonCancer	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	4.24E-04
51	ALL		438693.5	3748549	NonCancer	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	3.94E-04
52	ALL		438676.8	3748525	NonCancer	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	3.75E-04
53	ALL		438655.8	3748498	NonCancer	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	3.56E-04

54	ALL	438639.1	3748476	NonCancer	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	3.45E-04
55	ALL	438619.5	3748452	NonCancer	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	3.29E-04
56	ALL	438600.3	3748430	NonCancer	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	3.16E-04
57	ALL	438580.7	3748405	NonCancer	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	3.03E-04
58	ALL	438561.4	3748384	NonCancer	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	2.93E-04
59	ALL	438540.8	3748364	NonCancer	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	2.83E-04
60	ALL	438520.9	3748341	NonCancer	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	2.72E-04
61	ALL	438500	3748320	NonCancer	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	2.60E-04
62	ALL	438735.7	3748993	NonCancer	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	5.62E-04
63	ALL	438675.3	3748985	NonCancer	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	4.83E-04
64	ALL	439331.1	3749108	NonCancer	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	3.06E-03
65	ALL	439341.9	3749117	NonCancer	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	3.21E-03
66	ALL	439353.6	3749127	NonCancer	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	3.02E-03
67	ALL	439366.1	3749137	NonCancer	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	2.75E-03
68	ALL	439375.7	3749144	NonCancer	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	2.39E-03
69	ALL	439388.4	3749154	NonCancer	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	1.84E-03
70	ALL	439400.5	3749162	NonCancer	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	1.69E-03
71	ALL	439413.6	3749170	NonCancer	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	1.53E-03
72	ALL	439425.7	3749178	NonCancer	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
73	ALL	439449.6	3749193	NonCancer	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
74	ALL	439473.1	3749214	NonCancer	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
75	ALL	439800.8	3749041	NonCancer	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	1.79E-03
76	ALL	439873.8	3748887	NonCancer	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	8.02E-04
77	ALL	439887.6	3748803	NonCancer	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
78	ALL	440077.8	3748740	NonCancer	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	1.64E-03
79	ALL	440019.2	3748682	NonCancer	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
80	ALL	439929.6	3748602	NonCancer	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	2.11E-03
81	ALL	439955	3748606	NonCancer	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	2.04E-03
82	ALL	439983.2	3748614	NonCancer	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	1.91E-03
83	ALL	440006.2	3748617	NonCancer	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	1.86E-03
84	ALL	440071.3	3748624	NonCancer	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
85	ALL	440087.9	3748640	NonCancer	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	1.78E-03
86	ALL	440117	3748767	NonCancer	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	1.77E-03
87	ALL	439940.3	3748575	NonCancer	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	2.03E-03
88	ALL	439996.1	3748506	NonCancer	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	1.76E-03
89	ALL	440023.3	3748476	NonCancer	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	1.65E-03
90	ALL	440043.2	3748464	NonCancer	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	1.60E-03
91	ALL	440054.7	3748449	NonCancer	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	1.55E-03
92	ALL	440063.5	3748430	NonCancer	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	1.54E-03
93	ALL	440072.3	3748415	NonCancer	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	1.51E-03
94	ALL	440083.8	3748396	NonCancer	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	1.48E-03
95	ALL	440096.3	3748379	NonCancer	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	1.43E-03
96	ALL	440105.1	3748362	NonCancer	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
97	ALL	440106.9	3748343	NonCancer	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	1.40E-03
98	ALL	440120.8	3748319	NonCancer	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	1.35E-03
99	ALL	440122.7	3748287	NonCancer	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
100	ALL	440117.3	3748253	NonCancer	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	1.33E-03
101	ALL	440121.3	3748218	NonCancer	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.28E-03
102	ALL	440128.1	3748298	NonCancer	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	1.32E-03
103	ALL	440266.3	3748117	NonCancer	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.06E-03
104	ALL	440165.5	3747899	NonCancer	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	1.03E-03
105	ALL	440191.3	3747915	NonCancer	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	9.98E-04
106	ALL	440206.6	3747939	NonCancer	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	1.04E-03
107	ALL	440247.4	3747945	NonCancer	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	9.85E-04
108	ALL	440266.7	3747951	NonCancer	0.00E+00	0.00E+00	9.52E-04	0.00E+00	0.00E+00	9.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-04	0.00E+00	0.00E+00	9.52E-04

109	ALL	440283.1	3747960	NonCancer	0.00E+00	0.00E+00	9.69E-04	0.00E+00	0.00E+00	9.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-04	0.00E+00	0.00E+00	9.69E-04
110	ALL	440300	3747969	NonCancer	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	9.53E-04
111	ALL	440321.2	3747989	NonCancer	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	9.45E-04
112	ALL	440293.3	3748094	NonCancer	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
113	ALL	440300	3748071	NonCancer	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.00E-03
114	ALL	440307.9	3748048	NonCancer	0.00E+00	0.00E+00	9.70E-04	0.00E+00	0.00E+00	9.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-04	0.00E+00	0.00E+00	9.70E-04
115	ALL	440314.1	3748028	NonCancer	0.00E+00	0.00E+00	9.72E-04	0.00E+00	0.00E+00	9.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-04	0.00E+00	0.00E+00	9.72E-04
116	ALL	440320	3748007	NonCancer	0.00E+00	0.00E+00	9.49E-04	0.00E+00	0.00E+00	9.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-04	0.00E+00	0.00E+00	9.49E-04
117	ALL	440335.3	3747569	NonCancer	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	7.46E-04
118	ALL	440507.2	3748971	NonCancer	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	8.11E-04
119	ALL	439956	3749044	NonCancer	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	7.63E-04
120	ALL	439952.9	3748770	NonCancer	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	9.03E-04
121	ALL	438863.9	3748859	NonCancer	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	1.05E-03

*HARP - HRACalc v22118 6/1/2023 3:11:05 PM - Chronic Risk - Input File: C:\Users\Michael Tirohn\Desktop\HRAs\12630 Green River Ranch\HARP\12630 OPS\hra\WorkerHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEE1	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		439260	3749073	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.44E-07	3.44E-07	3.44E-07	1.38E-04	0.00E+00	0.00E+00	0.00E+00	3.44E-07	1.84E-04	0.00E+00	0.00E+00	1.84E-04
2	ALL		439277.6	3749071	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.71E-07	3.71E-07	3.71E-07	1.42E-04	0.00E+00	0.00E+00	0.00E+00	3.71E-07	1.99E-04	0.00E+00	0.00E+00	1.99E-04
3	ALL		439298.4	3749082	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.54E-07	3.54E-07	3.54E-07	1.37E-04	0.00E+00	0.00E+00	0.00E+00	3.54E-07	1.91E-04	0.00E+00	0.00E+00	1.91E-04
4	ALL		439312.1	3749091	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.36E-07	3.36E-07	3.36E-07	1.34E-04	0.00E+00	0.00E+00	0.00E+00	3.36E-07	1.81E-04	0.00E+00	0.00E+00	1.81E-04
5	ALL		439321.9	3749099	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.19E-07	3.19E-07	3.19E-07	1.30E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-07	1.72E-04	0.00E+00	0.00E+00	1.72E-04
6	ALL		439240.7	3749075	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.16E-07	3.16E-07	3.16E-07	1.35E-04	0.00E+00	0.00E+00	0.00E+00	3.16E-07	1.68E-04	0.00E+00	0.00E+00	1.68E-04
7	ALL		439217.6	3749084	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.70E-07	2.70E-07	2.70E-07	1.26E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-07	1.43E-04	0.00E+00	0.00E+00	1.43E-04
8	ALL		439205.3	3749090	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.48E-07	2.48E-07	2.48E-07	1.22E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-07	1.32E-04	0.00E+00	0.00E+00	1.32E-04
9	ALL		439192.1	3749096	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.26E-07	2.26E-07	2.26E-07	1.17E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
10	ALL		439179.5	3749103	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.08E-07	2.08E-07	2.08E-07	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-07	1.10E-04	0.00E+00	0.00E+00	1.12E-04
11	ALL		439169.9	3749108	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.95E-07	1.95E-07	1.95E-07	1.08E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-07	1.03E-04	0.00E+00	0.00E+00	1.08E-04
12	ALL		439157.1	3749114	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.81E-07	1.81E-07	1.81E-07	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-07	9.60E-05	0.00E+00	0.00E+00	1.04E-04
13	ALL		439137.6	3749079	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.98E-07	1.98E-07	1.98E-07	1.16E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-07	1.05E-04	0.00E+00	0.00E+00	1.16E-04
14	ALL		439113.3	3749079	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.79E-07	1.79E-07	1.79E-07	1.12E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-07	9.44E-05	0.00E+00	0.00E+00	1.12E-04
15	ALL		439099.8	3749079	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.69E-07	1.69E-07	1.69E-07	1.10E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-07	8.92E-05	0.00E+00	0.00E+00	1.10E-04
16	ALL		439085.4	3749079	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.59E-07	1.59E-07	1.59E-07	1.07E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-07	8.39E-05	0.00E+00	0.00E+00	1.07E-04
17	ALL		439071.9	3749079	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.51E-07	1.51E-07	1.51E-07	1.04E-04	0.00E+00	0.00E+00	0.00E+00	1.51E-07	7.96E-05	0.00E+00	0.00E+00	1.04E-04
18	ALL		439045.6	3749078	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.37E-07	1.37E-07	1.37E-07	9.96E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-07	7.22E-05	0.00E+00	0.00E+00	9.96E-05
19	ALL		438992.4	3749075	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.12E-07	1.12E-07	1.12E-07	8.91E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-07	5.94E-05	0.00E+00	0.00E+00	8.91E-05
20	ALL		438978.2	3749073	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.07E-07	1.07E-07	1.07E-07	8.68E-05	0.00E+00	0.00E+00	0.00E+00	1.07E-07	5.67E-05	0.00E+00	0.00E+00	8.68E-05
21	ALL		438963	3749071	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.02E-07	1.02E-07	1.02E-07	8.42E-05	0.00E+00	0.00E+00	0.00E+00	1.02E-07	5.39E-05	0.00E+00	0.00E+00	8.42E-05
22	ALL		438947.1	3749069	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.68E-08	9.68E-08	9.68E-08	8.14E-05	0.00E+00	0.00E+00	0.00E+00	9.68E-08	5.12E-05	0.00E+00	0.00E+00	8.14E-05
23	ALL		438932.4	3749067	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.24E-08	9.24E-08	9.24E-08	7.90E-05	0.00E+00	0.00E+00	0.00E+00	9.24E-08	4.89E-05	0.00E+00	0.00E+00	7.90E-05
24	ALL		438917.5	3749065	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.82E-08	8.82E-08	8.82E-08	7.66E-05	0.00E+00	0.00E+00	0.00E+00	8.82E-08	4.67E-05	0.00E+00	0.00E+00	7.66E-05
25	ALL		438902.8	3749063	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.44E-08	8.44E-08	8.44E-08	7.44E-05	0.00E+00	0.00E+00	0.00E+00	8.44E-08	4.46E-05	0.00E+00	0.00E+00	7.44E-05
26	ALL		438888.1	3749060	NonCancer	0.00E+00	0.00E+00	0.00E+00	8.08E-08	8.08E-08	8.08E-08	7.22E-05	0.00E+00	0.00E+00	0.00E+00	8.08E-08	4.28E-05	0.00E+00	0.00E+00	7.22E-05
27	ALL		438870.8	3749058	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.68E-08	7.68E-08	7.68E-08	6.97E-05	0.00E+00	0.00E+00	0.00E+00	7.68E-08	4.06E-05	0.00E+00	0.00E+00	6.97E-05
28	ALL		438854.9	3749058	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.32E-08	7.32E-08	7.32E-08	6.73E-05	0.00E+00	0.00E+00	0.00E+00	7.32E-08	3.87E-05	0.00E+00	0.00E+00	6.73E-05
29	ALL		438838	3749060	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.95E-08	6.95E-08	6.95E-08	6.48E-05	0.00E+00	0.00E+00	0.00E+00	6.95E-08	3.68E-05	0.00E+00	0.00E+00	6.48E-05
30	ALL		438779.5	3749018	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.21E-08	6.21E-08	6.21E-08	6.12E-05	0.00E+00	0.00E+00	0.00E+00	6.21E-08	3.29E-05	0.00E+00	0.00E+00	6.12E-05
31	ALL		438784.5	3749046	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.11E-08	6.11E-08	6.11E-08	5.97E-05	0.00E+00	0.00E+00	0.00E+00	6.11E-08	3.23E-05	0.00E+00	0.00E+00	5.97E-05
32	ALL		438762.9	3749005	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.02E-08	6.02E-08	6.02E-08	6.01E-05	0.00E+00	0.00E+00	0.00E+00	6.02E-08	3.19E-05	0.00E+00	0.00E+00	6.01E-05
33	ALL		438815.9	3749066	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.48E-08	6.48E-08	6.48E-08	6.15E-05	0.00E+00	0.00E+00	0.00E+00	6.48E-08	3.43E-05	0.00E+00	0.00E+00	6.15E-05
34	ALL		439042.5	3748896	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.01E-07	2.01E-07	2.01E-07	2.19E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-07	1.06E-04	0.00E+00	0.00E+00	2.19E-04
35	ALL		439038.5	3748866	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.06E-07	2.06E-07	2.06E-07	2.04E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-07	1.11E-04	0.00E+00	0.00E+00	2.04E-04
36	ALL		438999.1	3748811	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.01E-07	2.01E-07	2.01E-07	1.71E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-07	1.06E-04	0.00E+00	0.00E+00	1.71E-04
37	ALL		438921.2	3748751	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.49E-07	1.49E-07	1.49E-07	1.34E-04	0.00E+00	0.00E+00	0.00E+00	1.49E-07	7.87E-05	0.00E+00	0.00E+00	1.34E-04
38	ALL		438794.1	3748720	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.49E-08	7.49E-08	7.49E-08	7.85E-05	0.00E+00	0.00E+00	0.00E+00	7.49E-08	3.91E-05	0.00E+00	0.00E+00	7.85E-05
39	ALL		438730.9	3748881	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.82E-08	5.82E-08	5.82E-08	5.98E-05	0.00E+00	0.00E+00	0.00E+00	5.82E-08	3.07E-05	0.00E+00	0.00E+00	5.98E-05
40	ALL		438748.6	3748863	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.18E-08	6.18E-08	6.18E-08	6.32E-05	0.00E+00	0.00E+00	0.00E+00	6.18E-08	3.26E-05	0.00E+00	0.00E+00	6.32E-05
41	ALL		438764.6	3748844	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.56E-08	6.56E-08	6.56E-08	6.69E-05	0.00E+00	0.00E+00	0.00E+00	6.56E-08	3.46E-05	0.00E+00	0.00E+00	6.69E-05
42	ALL		438785.6	3748817	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.98E-08	6.98E-08	6.98E-08	7.11E-05	0.00E+00	0.00E+00	0.00E+00	6.98E-08	3.67E-05	0.00E+00	0.00E+00	7.11E-05
43	ALL		438805.1	3748788	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.56E-08	7.56E-08	7.56E-08	7.69E-05	0.00E+00	0.00E+00	0.00E+00	7.56E-08	3.97E-05	0.00E+00	0.00E+00	7.69E-05
44	ALL		438803.2	3748751	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.64E-08	7.64E-08	7.64E-08	7.87E-05	0.00E+00	0.00E+00	0.00E+00	7.64E-08	4.00E-05	0.00E+00	0.00E+00	7.87E-05
45	ALL		438788.4	3748703	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.40E-08	7.40E-08	7.40E-08	7.82E-05	0.00E+00	0.00E+00	0.00E+00	7.40E-08	3.86E-05	0.00E+00	0.00E+00	7.82E-05
46	ALL		438780.5	3748674	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.23E-08	7.23E-08	7.23E-08	7.79E-05	0.00E+00	0.00E+00	0.00E+00	7.23E-08	3.76E-05	0.00E+00	0.00E+00	7.79E-05
47	ALL		438768.9	3748645	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.96E-08	6.96E-08	6.96E-08	7.67E-05	0.00E+00	0.00E+00	0.00E+00	6.96E-08	3.62E-05	0.00E+00	0.00E+00	7.67E-05
48	ALL		438751.6	3748621	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.57E-08	6.57E-08	6.57E-08	7.40E-05	0.00E+00	0.00E+00	0.00E+00	6.57E-08	3.41E-05	0.00E+00	0.00E+00	7.40E-05
49	ALL		438730.3	3748596	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.14E-08	6.14E-08	6.14E-08	7.07E-05	0.00E+00	0.00E+00	0.00E+00	6.14E-08	3.19E-05	0.00E+00	0.00E+00	7.07E-05
50	ALL		438712.2	3748572	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.78E-08	5.78E-08	5.78E-08	6.80E-05	0.00E+00	0.00E+00	0.00E+00	5.78E-08	3.00E-05	0.00E+00	0.00E+00	6.80E-05
51	ALL		438693.5	3748549	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.42E-08	5.42E-08	5.42E-08	6.51E-05	0.00E+00	0.00E+00	0.00E+00	5.42E-08	2.82E-05	0.00E+00	0.00E+00	6.51E-05
52	ALL		438676.8	3748525	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.14E-08	5.14E-08	5.14E-08	6.28E-05	0.00E+00	0.00E+00	0.00E+00	5.14E-08	2.67E-05	0.00E+00	0.00E+00	6.28E-05
53	ALL		438655.8	3748498	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.84E-08	4.84E-08	4.84E-08	6.03E-05	0.00E+00	0.00E+00	0.00E+00	4.84E-08	2.51E-05	0.00E+00	0.00E+00	6.03E-05

54	ALL	438639.1	3748476	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.63E-08	4.63E-08	4.63E-08	5.84E-05	0.00E+00	0.00E+00	0.00E+00	4.63E-08	2.40E-05	0.00E+00	0.00E+00	5.84E-05
55	ALL	438619.5	3748452	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.40E-08	4.40E-08	4.40E-08	5.63E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-08	2.28E-05	0.00E+00	0.00E+00	5.63E-05
56	ALL	438600.3	3748430	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.18E-08	4.18E-08	4.18E-08	5.42E-05	0.00E+00	0.00E+00	0.00E+00	4.18E-08	2.17E-05	0.00E+00	0.00E+00	5.42E-05
57	ALL	438580.7	3748405	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.96E-08	3.96E-08	3.96E-08	5.21E-05	0.00E+00	0.00E+00	0.00E+00	3.96E-08	2.06E-05	0.00E+00	0.00E+00	5.21E-05
58	ALL	438561.4	3748384	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.79E-08	3.79E-08	3.79E-08	5.02E-05	0.00E+00	0.00E+00	0.00E+00	3.79E-08	1.96E-05	0.00E+00	0.00E+00	5.02E-05
59	ALL	438540.8	3748364	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.61E-08	3.61E-08	3.61E-08	4.83E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-08	1.87E-05	0.00E+00	0.00E+00	4.83E-05
60	ALL	438520.9	3748341	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.45E-08	3.45E-08	3.45E-08	4.66E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-08	1.79E-05	0.00E+00	0.00E+00	4.66E-05
61	ALL	438500	3748320	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.29E-08	3.29E-08	3.29E-08	4.47E-05	0.00E+00	0.00E+00	0.00E+00	3.29E-08	1.71E-05	0.00E+00	0.00E+00	4.47E-05
62	ALL	438735.7	3748993	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.67E-08	5.67E-08	5.67E-08	5.79E-05	0.00E+00	0.00E+00	0.00E+00	5.67E-08	3.01E-05	0.00E+00	0.00E+00	5.79E-05
63	ALL	438675.3	3748985	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.83E-08	4.83E-08	4.83E-08	5.03E-05	0.00E+00	0.00E+00	0.00E+00	4.83E-08	2.56E-05	0.00E+00	0.00E+00	5.03E-05
64	ALL	439331.1	3749108	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.98E-07	2.98E-07	2.98E-07	1.26E-04	0.00E+00	0.00E+00	0.00E+00	2.98E-07	1.61E-04	0.00E+00	0.00E+00	1.61E-04
65	ALL	439341.9	3749117	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.77E-07	2.77E-07	2.77E-07	1.23E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-07	1.50E-04	0.00E+00	0.00E+00	1.50E-04
66	ALL	439353.6	3749127	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.56E-07	2.56E-07	2.56E-07	1.18E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-07	1.38E-04	0.00E+00	0.00E+00	1.38E-04
67	ALL	439366.1	3749137	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.36E-07	2.36E-07	2.36E-07	1.15E-04	0.00E+00	0.00E+00	0.00E+00	2.36E-07	1.27E-04	0.00E+00	0.00E+00	1.27E-04
68	ALL	439375.7	3749144	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.23E-07	2.23E-07	2.23E-07	1.12E-04	0.00E+00	0.00E+00	0.00E+00	2.23E-07	1.20E-04	0.00E+00	0.00E+00	1.20E-04
69	ALL	439388.4	3749154	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.06E-07	2.06E-07	2.06E-07	1.08E-04	0.00E+00	0.00E+00	0.00E+00	2.06E-07	1.11E-04	0.00E+00	0.00E+00	1.11E-04
70	ALL	439400.5	3749162	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.91E-07	1.91E-07	1.91E-07	1.05E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-07	1.03E-04	0.00E+00	0.00E+00	1.05E-04
71	ALL	439413.6	3749170	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.79E-07	1.79E-07	1.79E-07	1.03E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-07	9.66E-05	0.00E+00	0.00E+00	1.03E-04
72	ALL	439425.7	3749178	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.68E-07	1.68E-07	1.68E-07	1.00E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-07	9.06E-05	0.00E+00	0.00E+00	1.00E-04
73	ALL	439449.6	3749193	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.50E-07	1.50E-07	1.50E-07	9.62E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-07	8.10E-05	0.00E+00	0.00E+00	9.62E-05
74	ALL	439473.1	3749214	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.31E-07	1.31E-07	1.31E-07	9.07E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-07	7.06E-05	0.00E+00	0.00E+00	9.07E-05
75	ALL	439800.8	3749041	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.10E-07	1.10E-07	1.10E-07	1.42E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-07	6.15E-05	0.00E+00	0.00E+00	1.42E-04
76	ALL	439873.8	3748887	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.74E-07	1.74E-07	1.74E-07	2.45E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-07	8.89E-05	0.00E+00	0.00E+00	2.45E-04
77	ALL	439887.6	3748803	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.53E-07	1.53E-07	1.53E-07	3.76E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-07	7.80E-05	0.00E+00	0.00E+00	3.76E-04
78	ALL	440077.8	3748740	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.13E-07	1.13E-07	1.13E-07	2.52E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-07	5.90E-05	0.00E+00	0.00E+00	2.52E-04
79	ALL	440019.2	3748682	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.02E-08	9.02E-08	9.02E-08	3.14E-04	0.00E+00	0.00E+00	0.00E+00	9.02E-08	4.78E-05	0.00E+00	0.00E+00	3.14E-04
80	ALL	439929.6	3748602	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.66E-08	3.66E-08	3.66E-08	2.99E-04	0.00E+00	0.00E+00	0.00E+00	3.66E-08	1.94E-05	0.00E+00	0.00E+00	2.99E-04
81	ALL	439955	3748606	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.71E-08	3.71E-08	3.71E-08	2.77E-04	0.00E+00	0.00E+00	0.00E+00	3.71E-08	1.97E-05	0.00E+00	0.00E+00	2.77E-04
82	ALL	439983.2	3748614	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.93E-08	3.93E-08	3.93E-08	2.62E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-08	2.08E-05	0.00E+00	0.00E+00	2.62E-04
83	ALL	440006.2	3748617	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.06E-08	4.06E-08	4.06E-08	2.51E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-08	2.14E-05	0.00E+00	0.00E+00	2.51E-04
84	ALL	440071.3	3748624	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.68E-08	4.68E-08	4.68E-08	2.35E-04	0.00E+00	0.00E+00	0.00E+00	4.68E-08	2.46E-05	0.00E+00	0.00E+00	2.35E-04
85	ALL	440087.9	3748640	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.99E-08	5.99E-08	5.99E-08	2.50E-04	0.00E+00	0.00E+00	0.00E+00	5.99E-08	3.15E-05	0.00E+00	0.00E+00	2.50E-04
86	ALL	440117	3748767	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.09E-07	1.09E-07	1.93E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-07	5.59E-05	0.00E+00	0.00E+00	1.93E-04
87	ALL	439940.3	3748575	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.19E-08	3.19E-08	3.19E-08	2.64E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-08	1.69E-05	0.00E+00	0.00E+00	2.64E-04
88	ALL	439996.1	3748506	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.37E-08	2.37E-08	2.37E-08	1.65E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-08	1.25E-05	0.00E+00	0.00E+00	1.65E-04
89	ALL	440023.3	3748476	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.15E-08	2.15E-08	2.15E-08	1.38E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-08	1.14E-05	0.00E+00	0.00E+00	1.38E-04
90	ALL	440043.2	3748464	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.01E-08	2.01E-08	2.01E-08	1.23E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-08	1.06E-05	0.00E+00	0.00E+00	1.23E-04
91	ALL	440054.7	3748449	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.89E-08	1.89E-08	1.89E-08	1.11E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-08	9.99E-06	0.00E+00	0.00E+00	1.11E-04
92	ALL	440063.5	3748430	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.77E-08	1.77E-08	1.77E-08	9.95E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-08	9.35E-06	0.00E+00	0.00E+00	9.95E-05
93	ALL	440072.3	3748415	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.68E-08	1.68E-08	1.68E-08	9.02E-05	0.00E+00	0.00E+00	0.00E+00	1.68E-08	8.83E-06	0.00E+00	0.00E+00	9.02E-05
94	ALL	440083.8	3748396	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.57E-08	1.57E-08	1.57E-08	8.05E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-08	8.27E-06	0.00E+00	0.00E+00	8.05E-05
95	ALL	440096.3	3748379	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.47E-08	1.47E-08	1.47E-08	7.17E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-08	7.75E-06	0.00E+00	0.00E+00	7.17E-05
96	ALL	440105.1	3748362	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.38E-08	1.38E-08	1.38E-08	6.50E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-08	7.31E-06	0.00E+00	0.00E+00	6.50E-05
97	ALL	440106.9	3748343	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.31E-08	1.31E-08	1.31E-08	5.98E-05	0.00E+00	0.00E+00	0.00E+00	1.31E-08	6.91E-06	0.00E+00	0.00E+00	5.98E-05
98	ALL	440120.8	3748319	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.20E-08	1.20E-08	1.20E-08	5.11E-05	0.00E+00	0.00E+00	0.00E+00	1.20E-08	6.34E-06	0.00E+00	0.00E+00	5.11E-05
99	ALL	440122.7	3748287	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.09E-08	1.09E-08	1.09E-08	4.38E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-08	5.78E-06	0.00E+00	0.00E+00	4.38E-05
100	ALL	440117.3	3748253	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.01E-08	1.01E-08	1.01E-08	3.76E-05	0.00E+00	0.00E+00	0.00E+00	1.01E-08	5.37E-06	0.00E+00	0.00E+00	3.76E-05
101	ALL	440121.3	3748218	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.52E-09	9.52E-09	9.52E-09	3.16E-05	0.00E+00	0.00E+00	0.00E+00	9.52E-09	5.00E-06	0.00E+00	0.00E+00	3.16E-05
102	ALL	440128.1	3748298	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.12E-08	1.12E-08	1.12E-08	4.55E-05	0.00E+00	0.00E+00	0.00E+00	1.12E-08	5.93E-06	0.00E+00	0.00E+00	4.55E-05
103	ALL	440266.3	3748117	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.35E-09	7.35E-09	7.35E-09	2.21E-05	0.00E+00	0.00E+00	0.00E+00	7.35E-09	3.89E-06	0.00E+00	0.00E+00	2.21E-05
104	ALL	440165.5	3747899	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.36E-09	4.36E-09	4.36E-09	1.16E-05	0.00E+00	0.00E+00	0.00E+00	4.36E-09	2.32E-06	0.00E+00	0.00E+00	1.16E-05
105	ALL	440191.3	3747915	NonCancer	0.00E+00	0.00E+00	0.00E+00	4.77E-09	4.77E-09	4.77E-09	1.21E-05	0.00E+00	0.00E+00	0.00E+00	4.77E-09	2.51E-06	0.00E+00	0.00E+00	1.21E-05
106	ALL	440206.6	3747939	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.17E-09	5.17E-09	5.17E-09	1.27E-05	0.00E+00	0.00E+00	0.00E+00	5.17E-09	2.70E-06	0.00E+00	0.00E+00	1.27E-05
107	ALL	440247.4	3747945	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.46E-09	5.46E-09	5.46E-09	1.31E-05	0.00E+00	0.00E+00	0.00E+00	5.46E-09	2.84E-06	0.00E+00	0.00E+00	1.31E-05
108	ALL	440266.7	3747951	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.60E-09	5.60E-09	5.60E-09	1.35E-05	0.00E+00	0.00E+00	0.00E+00	5.60E-09	2.92E-06	0.00E+00	0.00E+00	1.35E-05

109	ALL	440283.1	3747960	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.75E-09	5.75E-09	5.75E-09	1.38E-05	0.00E+00	0.00E+00	0.00E+00	5.75E-09	2.99E-06	0.00E+00	0.00E+00	1.38E-05
110	ALL	440300	3747969	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.87E-09	5.87E-09	5.87E-09	1.42E-05	0.00E+00	0.00E+00	0.00E+00	5.87E-09	3.05E-06	0.00E+00	0.00E+00	1.42E-05
111	ALL	440321.2	3747989	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.05E-09	6.05E-09	6.05E-09	1.50E-05	0.00E+00	0.00E+00	0.00E+00	6.05E-09	3.16E-06	0.00E+00	0.00E+00	1.50E-05
112	ALL	440293.3	3748094	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.07E-09	7.07E-09	7.07E-09	2.13E-05	0.00E+00	0.00E+00	0.00E+00	7.07E-09	3.74E-06	0.00E+00	0.00E+00	2.13E-05
113	ALL	440300	3748071	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.79E-09	6.79E-09	6.79E-09	1.92E-05	0.00E+00	0.00E+00	0.00E+00	6.79E-09	3.58E-06	0.00E+00	0.00E+00	1.92E-05
114	ALL	440307.9	3748048	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.56E-09	6.56E-09	6.56E-09	1.77E-05	0.00E+00	0.00E+00	0.00E+00	6.56E-09	3.45E-06	0.00E+00	0.00E+00	1.77E-05
115	ALL	440314.1	3748028	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.38E-09	6.38E-09	6.38E-09	1.66E-05	0.00E+00	0.00E+00	0.00E+00	6.38E-09	3.34E-06	0.00E+00	0.00E+00	1.66E-05
116	ALL	440320	3748007	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.18E-09	6.18E-09	6.18E-09	1.55E-05	0.00E+00	0.00E+00	0.00E+00	6.18E-09	3.23E-06	0.00E+00	0.00E+00	1.55E-05
117	ALL	440335.3	3747569	NonCancer	0.00E+00	0.00E+00	0.00E+00	2.60E-09	2.60E-09	2.60E-09	6.20E-06	0.00E+00	0.00E+00	0.00E+00	2.60E-09	1.38E-06	0.00E+00	0.00E+00	6.20E-06
118	ALL	440507.2	3748971	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.63E-08	5.63E-08	5.63E-08	5.55E-05	0.00E+00	0.00E+00	0.00E+00	5.63E-08	2.98E-05	0.00E+00	0.00E+00	5.55E-05
119	ALL	439956	3749044	NonCancer	0.00E+00	0.00E+00	0.00E+00	7.58E-08	7.58E-08	7.58E-08	1.04E-04	0.00E+00	0.00E+00	0.00E+00	7.58E-08	4.19E-05	0.00E+00	0.00E+00	1.04E-04
120	ALL	439952.9	3748770	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.17E-07	1.17E-07	1.17E-07	3.06E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-07	6.40E-05	0.00E+00	0.00E+00	3.06E-04
121	ALL	438863.9	3748859	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.73E-08	9.73E-08	9.73E-08	9.65E-05	0.00E+00	0.00E+00	0.00E+00	9.73E-08	5.28E-05	0.00E+00	0.00E+00	9.65E-05

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APPENDIX 2.6:

RISK SUMMARY

Construction Risk

Receptor No.	Age Bin	DPM Conc. (µg/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	0.00435	260	1.63	1090	1	70	1.00	10	3.0E-04	1.1E+00	3.4E-06	0.83	5.0E+00	1.4E-03	8.7E-04						
												Total	0.83			8.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	0 to 2	0.01555	260	1.63	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.2E-05	2.96	5.0E+00	1.4E-03	3.1E-03						
												Total	2.96			3.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3 (MEIR)	0 to 2	0.0212	260	1.63	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.6E-05	4.03	5.0E+00	1.4E-03	4.2E-03						
												Total	4.03			4.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	0 to 2	0.00206	260	1.63	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.6E-06	0.39	5.0E+00	1.4E-03	4.1E-04						
												Total	0.39			4.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	0 to 2	0.00215	260	1.63	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.7E-06	0.41	5.0E+00	1.4E-03	4.3E-04						
												Total	0.41			4.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	16 to 41	0.00353	250	1.63	230	1	70	1.00	1	3.0E-04	1.1E+00	5.6E-07	0.01	5.0E+00	1.4E-03	7.1E-04						
												Total	0.01			7.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7	16 to 41	0.00675	250	1.63	230	1	70	1.00	1	3.0E-04	1.1E+00	1.1E-06	0.03	5.0E+00	1.4E-03	1.4E-03						
												Total	0.03			1.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEIW)	16 to 41	0.02973	250	1.63	230	1	70	1.00	1	3.0E-04	1.1E+00	4.7E-06	0.11	5.0E+00	1.4E-03	5.9E-03						
												Total	0.11			5.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Operational Risk - Scenario 2

Receptor No.	Age Bin	DPM Conc. (µg/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	0.00009	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	3.1E-08	0.00	5.0E+00	1.4E-03	1.8E-05						
	0 to 2	0.00009	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	9.4E-08	0.02	5.0E+00	1.4E-03	1.8E-05						
	2 to 16	0.00009	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	4.9E-08	0.02	5.0E+00	1.4E-03	1.8E-05						
	16 to 30	0.00009	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.3E-08	0.00	5.0E+00	1.4E-03	1.8E-05						
												Total	0.05			7.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	-0.25 to 0	0.00031	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.1E-07	0.00	5.0E+00	1.4E-03	6.2E-05						
	0 to 2	0.00031	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.2E-07	0.08	5.0E+00	1.4E-03	6.2E-05						
	2 to 16	0.00031	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.7E-07	0.08	5.0E+00	1.4E-03	6.2E-05						
	16 to 30	0.00031	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	7.8E-08	0.01	5.0E+00	1.4E-03	6.2E-05						
												Total	0.18			2.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3 (MEIR)	-0.25 to 0	0.00047	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.6E-07	0.01	5.0E+00	1.4E-03	9.4E-05						
	0 to 2	0.00047	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	4.9E-07	0.13	5.0E+00	1.4E-03	9.4E-05						
	2 to 16	0.00047	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.6E-07	0.12	5.0E+00	1.4E-03	9.4E-05						
	16 to 30	0.00047	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.2E-07	0.02	5.0E+00	1.4E-03	9.4E-05						
												Total	0.27			3.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	-0.25 to 0	0.00005	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.7E-08	0.00	5.0E+00	1.4E-03	1.0E-05						
	0 to 2	0.00005	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.2E-08	0.01	5.0E+00	1.4E-03	1.0E-05						
	2 to 16	0.00005	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.7E-08	0.01	5.0E+00	1.4E-03	1.0E-05						
	16 to 30	0.00005	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.3E-08	0.00	5.0E+00	1.4E-03	1.0E-05						
												Total	0.03			4.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	-0.25 to 0	0.00005	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.7E-08	0.00	5.0E+00	1.4E-03	1.0E-05						
	0 to 2	0.00005	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.2E-08	0.01	5.0E+00	1.4E-03	1.0E-05						
	2 to 16	0.00005	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.7E-08	0.01	5.0E+00	1.4E-03	1.0E-05						
	16 to 30	0.00005	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.3E-08	0.00	5.0E+00	1.4E-03	1.0E-05						
												Total	0.03			4.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	16 to 41	0.00008	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	1.3E-08	0.00	5.0E+00	1.4E-03	1.6E-05						
												Total	0.00			1.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7	16 to 41	0.00022	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	3.5E-08	0.01	5.0E+00	1.4E-03	4.4E-05						
												Total	0.01			4.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEIW)	16 to 41	0.00077	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	1.2E-07	0.05	5.0E+00	1.4E-03	1.5E-04						
												Total	0.05			1.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Operational Risk

Receptor No.	Receptor Type	Cancer Risk (per million)	Chronic HI	Acute HI	Total Cancer Risk inc Generators
1	Resident	0.54	0.002	0.003	0.59
2	Resident	1.17	0.003	0.002	1.35
3 (MEIR)	Resident	1.11	0.003	0.002	1.38
4	Resident	0.29	0.001	0.001	0.32
5	Resident	0.36	0.001	0.001	0.39
6	Worker	0.04	0.001	0.002	0.04
7	Worker	0.04	0.001	0.002	0.05
8 (MEIW)	Worker	0.12	0.004	0.001	0.17

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