

Appendix D

Air Toxic and Criteria Pollutant Health Risk Assessment



Buena Park General Plan & Zoning Code Update

AIR TOXIC AND CRITERIA POLLUTANT HEALTH RISK ASSESSMENT

CITY OF BUENA PARK

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LIST OF ABBREVIATED TERMS

(1)	Reference
AADT	Annual Average Daily Traffic Volumes
ARB	Air Resources Board
ASHRAE	American Society of Heating, Refrigerating, and Air Conditioning Engineers
CAAQS	California Ambient Air Quality Standards
Caltrans	California Department of Transportation
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CO	Carbon Monoxide
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EPA	Environmental Protection Agency
HRA	Health Risk Assessment
LDA	Light Duty Auto
LDT	Light Duty Truck
LHD	Light Heavy Duty
MCY	Motorcycle
MDV	Medium Duty Vehicle
MERV	Minimum Efficiency Reporting Value
NO ₂	Nitrogen Dioxide
OBUS	Other Bus
PM ₁₀	Particulate Matter 10 microns in diameter or less
PM _{2.5}	Particulate Matter 2.5 microns in diameter or less
PPM	Parts per Million
Project	Buena Park General Plan & Zoning Code Update
PVMRM	Plume Volume Molar Ratio Methods
REL	Reference Exposure Level
RME	Reasonable Maximum Exposure
SBUS	School Bus
SCAQMD	South Coast Air Quality Management District
TACs	Toxic Air Contaminants
UBUS	Urban Bus
URF	Unit Risk Factor
UTM	Universal Traverse Mercator

EXECUTIVE SUMMARY

In 2005, the California Air Resources Board (ARB) promulgated an advisory recommendation to avoid setting sensitive land uses within 500 feet of a freeway, urban roads with 100,000 vehicles per day, or rural roads with 50,000 vehicles per day. The ARB indicates that due to traffic-generated pollutants, there is an estimated increased cancer risk incidence of 300 to 1,700 per million within this domain. At some point however, the increased cancer risk incidence due the effects of freeway/roadway corridor pollutants become indistinguishable from the ambient air quality condition. In this regard, the effects of freeway/roadway-source pollutants that may impact the Project site are already acknowledged and accounted for within the ambient air quality discussions presented within this Section. More specifically, the MATES-V Study data for the Project site comprehensively reflects increased TAC-source cancer risks affecting the City, inclusive of increased cancer risks due to freeway sources.

The 2005 ARB guidance noted previously, information made available through the MATES-IV Study, and configuration and design of the Project would suggest that further assessment of freeway-source pollutant impacts is not warranted. Notwithstanding, this Construction and Off-Site Freeway-Source Air Toxic and Criteria Pollutant Health Risk Assessment has been prepared for the Project and is intended to:

- Comply with and support CEQA Section 15003 (i) policies addressing adequacy, completeness, and a good-faith effort at full disclosure;
- Disaggregate potential freeway-source air pollutant health effects from other background conditions identified in the MATES V Study; and
- Identify means to reduce the specific effects of freeway-source pollutants for Projects located near freeways.

Findings and conclusions of this Assessment are summarized below.

SUMMARY OF FINDINGS – CONSTRUCTION ANALYSIS

The results of the analysis indicate that under each construction scenario evaluated (1, 2, 3, 4, and 5-acre construction sites), significant health risk impacts would not occur for sensitive receptors located within 5 meters (16 feet) of construction activities with the use of construction equipment that meets or exceeds CARB Tier 4 Final emission standards. A site-specific health risk analysis is recommended under the following circumstances:

- Projects where construction activities would occur over an area greater than 5 acres at any given time;
- Projects where sensitive receptors are located less than 5 meters (16 feet) from construction activities;
- Construction activities where all equipment does not meet at least CARB Tier 4 Final emission standards; or
- Projects for which the expected duration or equipment mix would differ significantly from those detailed in Section 2.1 of this report.

SUMMARY OF FINDINGS – FREEWAY ANALYSIS

The analysis evaluated potential health risks resulting from exposure to pollutants emitted by vehicles traveling on I-5 and CA-91. The results of the analysis indicate that significant health risks would not occur for sensitive receptors at distances greater than 450 feet from the traveled roadway, with implementation of Minimum Efficiency Reporting Value (MERV) 13 or better air filtration systems. Projects that would place sensitive receptors nearer than 450 feet from I-5 or CA-91 may require additional site-specific analysis.

Table 5-3 presents modeled concentrations of CO, N₂O, PM₁₀, and PM_{2.5} for residents located 450 feet from the traveled roadway. The results of the analysis indicate that pollutant concentrations would not exceed SCAQMD significance thresholds for any of these pollutants.

Based on these findings, it is recommended that residential projects be sited such that residences are located at least 450 feet from the traveled roadway of the I-5 or CA-91 freeways. Additionally, as required by the California Building Energy Efficiency Standards (Title 24, Part 6 of California Code of Regulations (CCR)), it is recommended that all residential projects be required to install air filtration systems with efficiencies equal to or exceeding a Minimum Efficiency Reporting Value (MERV) 13 as defined by the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Standard 52.2.1 (1). A site-specific HRA may be required for projects located nearer than 450 feet from the traveled roadway of I-5 or CA-91 or for projects not requiring the installation of MERV 13 or better air filtration systems.

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1 INTRODUCTION

In 2005, the California Air Resources Board (ARB) promulgated an advisory recommendation to avoid setting sensitive land uses within 500 feet of a freeway, urban roads with 100,000 vehicles per day or rural roads with 50,000 vehicles per day. According to the ARB, the increased cancer risk is 300 to 1,700 per million within this domain. The strongest association of traffic related emissions with adverse health outcomes was seen within 300 feet of roadways with high truck densities. Notwithstanding, the ARB notes that a site-specific analysis would be required to determine the actual risk near a particular land use and should consider factors such as prevailing wind direction, local topography and climate.

In consideration of the above referenced requirement, the assessment and dispersion modeling methodologies used in the preparation of this report were composed of all relevant and appropriate procedures presented by the U.S. Environmental Protection Agency, California Environmental Protection Agency and South Coast Air Quality Management District (SCAQMD). The methodologies and assumptions offered under this regulatory guidance were used to ensure that the assessment effectively quantified residential exposures associated with the generation of contaminant emissions from adjacent mobile source activity.

This report summarizes the protocol used to evaluate contaminant exposures and presents the results of the health risk assessment (HRA) prepared by Urban Crossroads, Inc., for the proposed Buena Park General Plan & Zoning Code Update (referred to as “Project”).

1.1 PROJECT DESCRIPTION

The 6th Cycle Housing Element Update indicates that the City can accommodate approximately 10,322 dwelling units (DU)¹ through pending projects, its inventory of vacant and underutilized land, ADUs, and rezoned and mixed-use overlay sites. The mixed-use overlay sites will permit commercial development with floor-to-area ratios of 1.0, 1.5, and 3.0, which will result in 438,333 square feet (SF) of commercial space at an estimated 60% lot coverage. Through consultation with the City of Buena Park it was determined that the mix of total commercial SF be separated to 80% (350,667 square feet) retail uses and 20% (87,667 square feet) office uses. The commercial intensities within the mixed-use overlays are in addition to the permitted residential densities.

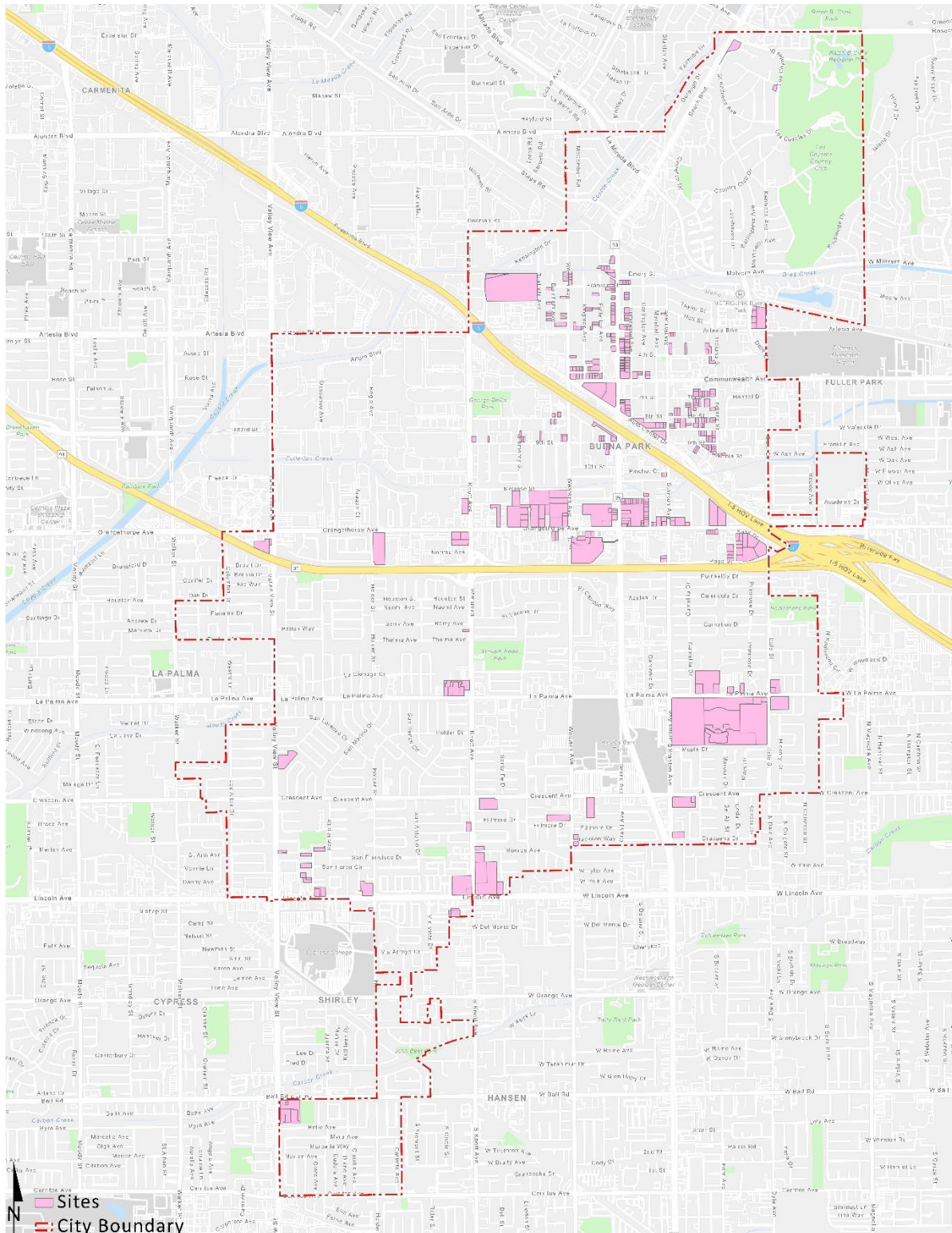
In order to achieve the increased number of housing units, the City must update the Land Use Element, Single Family Residential Zones, and Multifamily Residential Zones to allow increased densities under the land use designations and provide development standards under the zoning ordinance that accommodates increased densities up to 100 dwelling units per acre (du/ac). Housing Element sites summarized on Appendix 3.1. There are a total of 410 parcels identified as part of the 2021-2029 Housing Element Update.

The Air Toxic and Criteria Pollutant Health Risk Assessment will evaluate potential health impacts to nearby sensitive receptors under several representative construction scenarios with the goal

¹ Housing units were calculated using the “Buena Park Adopted 6th Cycle HE_SITES INVENTORY”.

of the proposed development intensities expected for the 341 sites and assess the potential impacts that result from the implementation of the rezoning and changes to land use. Exhibit 1-A identifies the locations of each of the Housing Element sites shown on Appendix 3.1.

EXHIBIT 1-A: HOUSING ELEMENT SITE LOCATION MAP



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2 SOURCE IDENTIFICATION AND CHARACTERIZATION

2.1 CONSTRUCTION HEALTH RISK ASSESSMENT

The emissions calculations for the construction HRA component are based on an assumed mix of construction equipment as detailed in SCAQMD's *Sample Construction Scenarios for Projects Less than Five Acres in Size* (2).

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

The construction duration by phase is shown on Table 2-1 for each of the five sample construction scenarios. A detailed summary of construction equipment assumptions by phase is provided at Table 2-2. The CalEEMod emissions outputs are presented in Appendices 2.1 through 2.5.

TABLE 2-1: CONSTRUCTION DURATION

Construction Activity	Construction Duration (days)				
	1-Acre	2-Acre	3-Acre	4-Acre	5-Acre
Demolition	20	20	20	20	20
Site Preparation	2	3	5	5	10
Grading	4	6	8	8	20
Building Construction	200	220	230	230	230
Paving/Architectural Coating	20	20	36	36	40

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Scenario	Construction Activity	Equipment	Amount	Hours Per Day
1-Acre	Demolition	Concrete/Industrial Saws	1	8
		Tractors/Loaders/Backhoes	2	6
		Rubber Tired Dozers	1	1
	Site Preparation	Graders	1	8
		Tractors/Loaders/Backhoes	1	8
	Grading	Graders	1	6
		Rubber Tired Dozers	1	6
		Tractors/Loaders/Backhoes	1	7
	Building Construction	Cranes	1	4
		Forklifts	2	6
		Tractors/Loaders/Backhoes	2	8

Scenario	Construction Activity	Equipment	Amount	Hours Per Day
	Paving/Architectural Coating	Cement and Mortar Mixers	4	6
		Pavers	1	7
		Rollers	1	7
		Tractors/Loaders/Backhoes	1	7
2-Acre	Demolition	Concrete/Industrial Saws	1	8
		Tractors/Loaders/Backhoes	3	8
		Rubber Tired Dozers	1	8
	Site Preparation	Graders	1	8
		Rubber Tired Dozers	1	7
		Tractors/Loaders/Backhoes	1	8
	Grading	Graders	1	8
		Rubber Tired Dozers	1	8
		Tractors/Loaders/Backhoes	2	7
	Building Construction	Cranes	1	6
		Forklifts	1	6
		Generator Sets	1	8
		Tractors/Loaders/Backhoes	1	6
		Welders	3	8
	Paving/Architectural Coating	Cement and Mortar Mixers	1	6
		Pavers	1	6
		Paving Equipment	1	8
		Rollers	1	7
		Tractors/Loaders/Backhoes	2	8
3-Acre	Demolition	Concrete/Industrial Saws	1	8
		Rubber Tired Dozers	1	8
		Tractors/Loaders/Backhoes	2	8
	Site Preparation	Graders	1	7
		Scrapers	2	8
		Tractors/Loaders/Backhoes	1	4
	Grading	Graders	1	8
		Tractors/Loaders/Backhoes	1	7
		Scrapers	1	8
	Building Construction	Cranes	1	8
		Forklifts	2	7

Scenario	Construction Activity	Equipment	Amount	Hours Per Day
		Generator Sets	1	8
		Tractors/Loaders/Backhoes	1	6
		Welders	3	8
	Paving/Architectural Coating	Cement and Mortar Mixers	1	3
		Pavers	1	8
		Paving Equipment	1	8
		Rollers	2	8
		Tractors/Loaders/Backhoes	1	8
4-Acre	Demolition	Concrete/Industrial Saws	1	7
		Tractors/Loaders/Backhoes	2	8
		Rubber Tired Dozers	1	8
	Site Preparation	Rubber Tired Dozers	2	7
		Tractors/Loaders/Backhoes	3	7
		Graders	1	7
	Grading	Graders	1	8
		Rubber Tired Dozers	1	8
		Tractors/Loaders/Backhoes	2	8
	Building Construction	Cranes	1	8
		Forklifts	2	7
		Generator Sets	1	8
		Tractors/Loaders/Backhoes	2	7
		Welders	1	8
	Paving/Architectural Coating	Cement and Mortar Mixers	2	6
		Pavers	1	8
		Paving Equipment	1	8
		Rollers	1	7
		Tractors/Loaders/Backhoes	1	8
5-Acre	Demolition	Concrete/Industrial Saws	1	7
		Tractors/Loaders/Backhoes	2	8
		Rubber Tired Dozers	1	8
	Site Preparation	Rubber Tired Dozers	3	7
		Tractors/Loaders/Backhoes	4	7
	Grading	Graders	2	8
		Rubber Tired Dozers	1	8

Scenario	Construction Activity	Equipment	Amount	Hours Per Day
	Building Construction	Tractors/Loaders/Backhoes	3	8
		Cranes	1	7
		Forklifts	3	8
		Generator Sets	1	8
		Tractors/Loaders/Backhoes	3	7
		Welders	1	8
	Paving/Architectural Coating	Cement and Mortar Mixers	2	6
		Pavers	1	8
		Paving Equipment	2	6
		Rollers	1	8
		Tractors/Loaders/Backhoes	1	8

Construction emissions were modeled in AERMOD using a single volume source covering an area of 1, 2, 3, 4, or 5 acres, dependent upon the scenario modeled. A receptor grid was utilized, placing receptors every 5 meters out to a distance of 100 meters from the edge of the modeled volume source. Exhibit 3-A presents an example of how construction emissions were modeled in AERMOD.

2.2 FREEWAY SOURCE HEALTH RISK ASSESSMENT

The California Department of Transportation (Caltrans), Traffic and Vehicle Data Systems Unit collects and maintains traffic volume counts for vehicles traversing the California state highway system. Table 2-3 presents the annual average daily traffic volumes (AADT) for the freeway segments considered in the assessment. The AADT volumes for I-5 and CA-91 are based on Caltrans' Traffic Census Program (3) for 2021, the latest year for which traffic data is currently available.

TABLE 2-3 FREEWAY TRAFFIC VOLUMES

Roadway Segment	AADT
I-5 Freeway at Beach Boulevard	213,400
CA-91 Freeway at Beach Boulevard	312,700

In urban communities, vehicle emissions contribute significantly to localized concentrations of air contaminants. Typically, emissions generated from these sources are characterized by vehicle mix, the rate pollutants are generated during the course of travel and the number of vehicles traversing the roadway network.

Currently, emission factors are generated from a series of computer-based programs to produce a composite emission rate for vehicles traveling at various speeds within a defined geographical area or along a discrete roadway segment. To account for the emission standards imposed on the California fleet, the ARB has developed the EMFAC2021 emission factor model. EMFAC2021 was utilized to identify pollutant emission rates for total organic gases (TOG), diesel particulates, particulates (PM₁₀ and PM_{2.5}), carbon monoxide (CO) and nitrogen oxide (NO_x) compounds (4). To produce a representative vehicle fleet distribution, the assessment utilized ARB's Orange County vehicle population estimates for the 2045 calendar year, consistent with the General Plan Horizon Year for analytical purposes. This approach provides an estimate of vehicle mix associated with operational profiles at the link or intersection level. Table 2-4 lists the identified fleet mix considered in the assessment.

Based upon the freeway traffic volumes and vehicle population profiles noted above, discrete traffic counts were identified for each roadway segment. Diesel vehicles account for 3.43 percent of the total on-road mobile fleet. For chronic (long term) and acute (e.g., 1-hour) exposures, AADT values were averaged to produce representative hourly traffic volumes.

TABLE 2-4: VEHICLE FLEET MIX PROFILE

Vehicle Class	Orange County		
	Fuel	Population	Percent
HHDT	Gasoline	3	0.00%
HHDT	Diesel	13,605	0.60%
LDA	Gasoline	1,053,319	46.09%
LDA	Diesel	679	0.03%
LDT1	Gasoline	83,122	3.64%
LDT1	Diesel	1	0.00%
LDT2	Gasoline	610,149	26.70%
LDT2	Diesel	2,338	0.10%
LHDT1	Gasoline	28,028	1.23%
LHDT1	Diesel	21,565	0.94%
LHDT2	Gasoline	4,127	0.18%
LHDT2	Diesel	10,359	0.45%
MCY	Gasoline	64,547	2.82%
MDV	Gasoline	355,590	15.56%
MDV	Diesel	3,907	0.17%
MH	Gasoline	4,302	0.19%
MH	Diesel	2,907	0.13%
MHDT	Gasoline	2,637	0.12%
MHDT	Diesel	22,128	0.97%
OBUS	Gasoline	477	0.02%
OBUS	Diesel	557	0.02%
SBUS	Gasoline	446	0.02%

Vehicle Class	Orange County		
	Fuel	Population	Percent
SBUS	Diesel	290	0.01%
UBUS	Gasoline	345	0.02%

Note: Vehicle category descriptions can be found on the California Air Resources Board website at <http://www.arb.ca.gov/msei/modeling.htm>.

An average speed of 65 miles per hour was utilized for I-5 and CA-91.

For particulates (PM₁₀ and PM_{2.5}), emissions were quantified through the reentrainment of paved roadway dust. The predictive emission equation developed by the U.S. Environmental Protection Agency (AP-42, Section 13.2.1) was utilized to generate particulate source strength (5). To account for the mass rate of emissions entrained from the roadway surface, the contribution from exhaust, brake and tire wear were added to the AP-42 emission factor equation.

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3 EXPOSURE QUANTIFICATION

In order to assess the impact of emitted compounds on individuals who reside at the proposed apartment complex, air quality modeling utilizing the AMS/EPA Regulatory Model AERMOD was performed to assess the downwind extent of mobile source emissions located within 1,000 feet of the project site. AERMOD's air dispersion algorithms are based upon a planetary boundary layer turbulence structure and scaling concepts, including the treatment of surface and elevated sources in simple and complex terrain.

The model offers additional flexibility by allowing the user to assign initial vertical and lateral dispersion parameters for sources representative of a localized mobile fleet. For this assessment, the volume source algorithm was utilized to model the emissions generated from on-road mobile source activity.

The modeling conservatively utilizes the full conversion protocol to perform the NO_x to NO₂ conversion.

Air dispersion models require additional input parameters including pollutant emission data and local meteorology. Due to their sensitivity to individual meteorological parameters such as wind speed and direction, the U.S. Environmental Protection Agency recommends that meteorological data used as input into dispersion models be selected on the basis of relative spatial and temporal conditions that exist in the area of concern. In response to this recommendation, the nearest meteorological data available from the SCAQMD Fullerton Airport Meteorological Data Station (Source Receptor Area 16), was used to represent local weather conditions and prevailing winds. Five years (2012-2016) of available AERMOD meteorological data was utilized in the modeling, which is the latest available information from SCAQMD.

The modeling analysis also considered the spatial distribution of mobile source activity traversing the freeway in relation to the proposed site. To accommodate a Cartesian grid format, direction dependent calculations were obtained by identifying the universal transverse mercator (UTM) coordinates for each volume source location. On-site receptors were placed to provide coverage across the identified residential portion of the site. A ground level receptor height was assumed as a conservative measure. A graphical representation of the source-receptor grid network is presented in Exhibit 3-A for construction, Exhibit 3-B for I-5, and Exhibit 3-C for CA-91. A complete listing of model input/output files are provided in electronic format in Appendix 3.1.

EXHIBIT 3-A: SOURCE RECEPTOR GRID NETWORK (CONSTRUCTION)

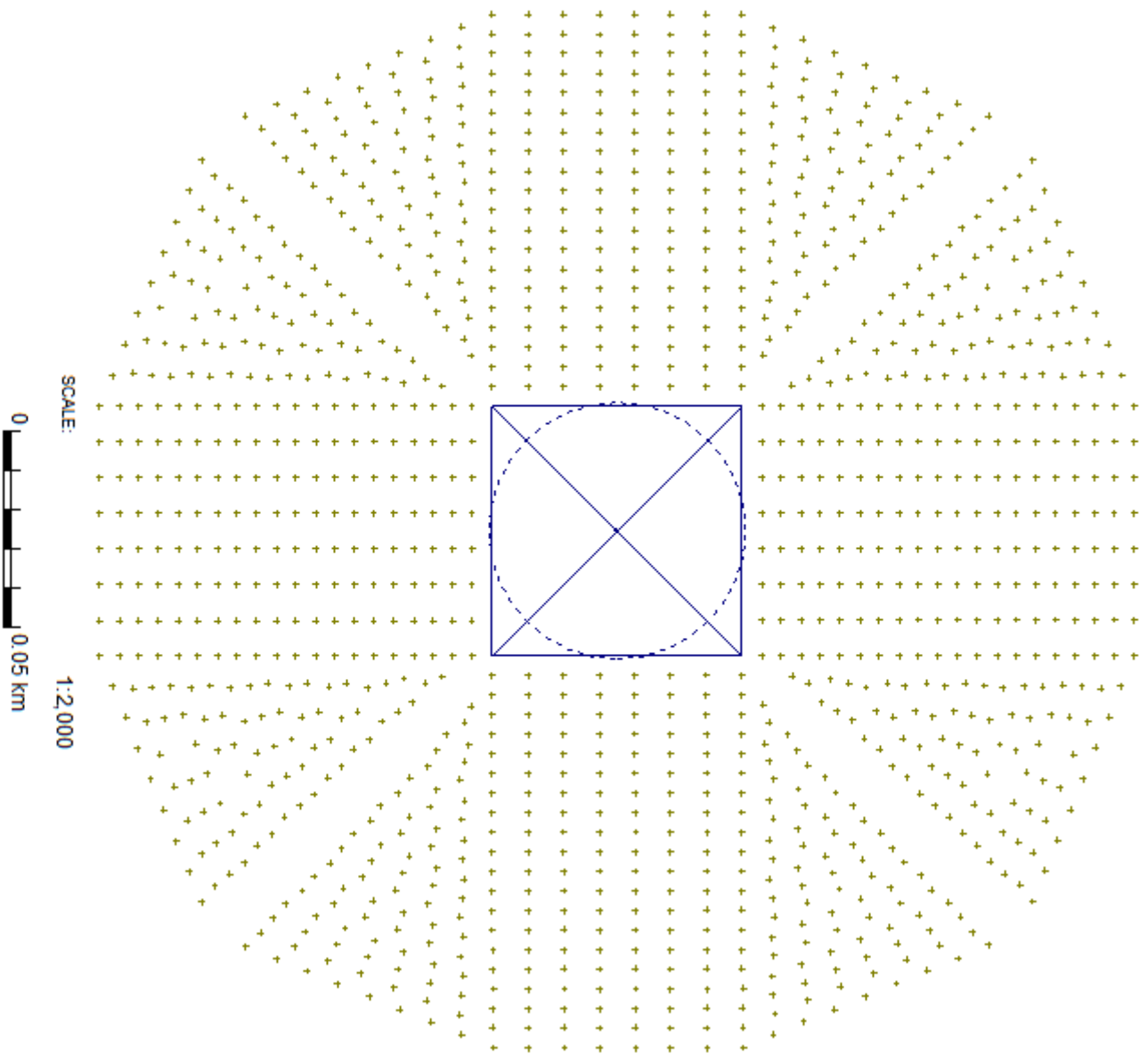
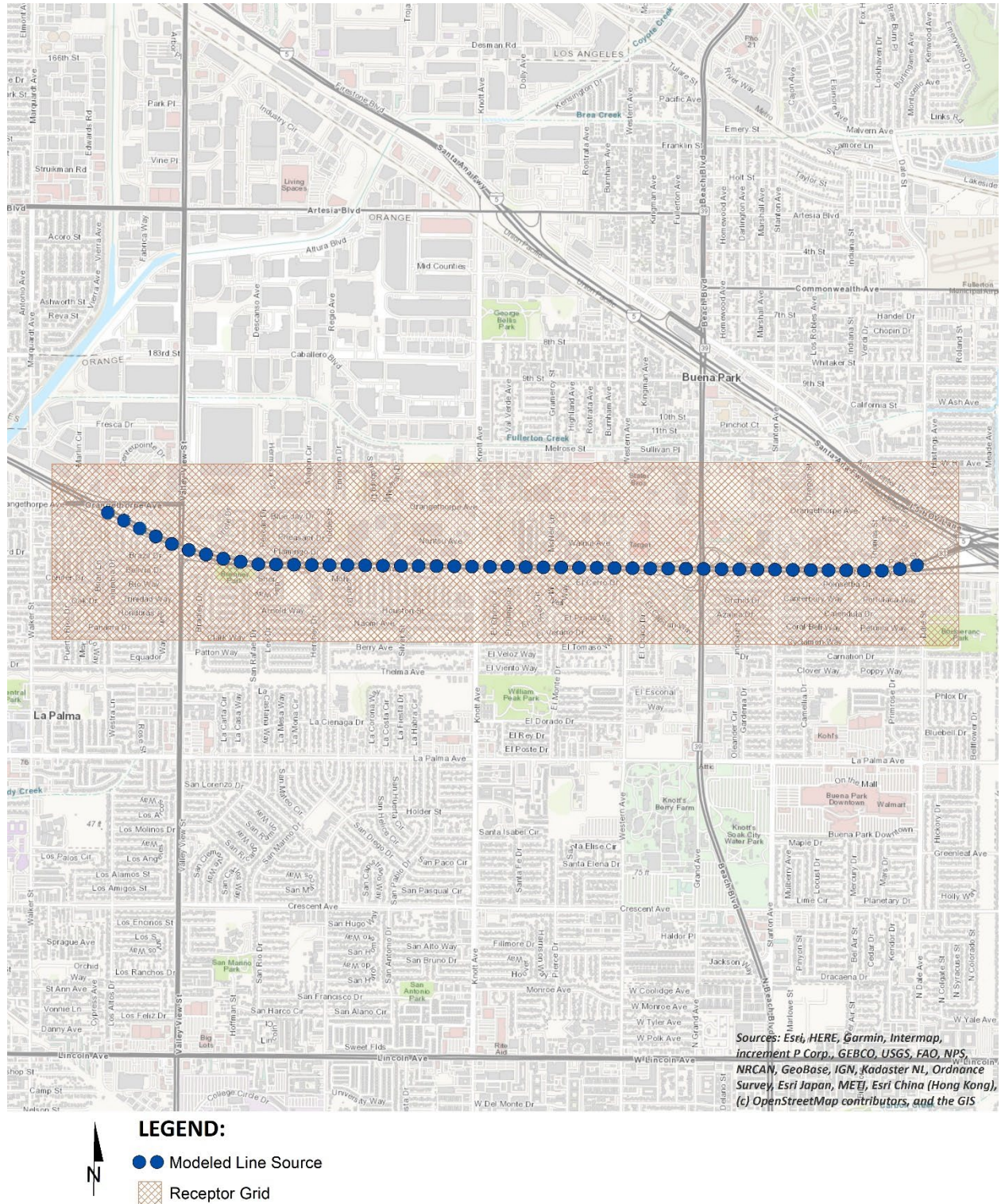


EXHIBIT 3-B: SOURCE RECEPTOR GRID NETWORK (I-5)



EXHIBIT 3-C: SOURCE RECEPTOR GRID NETWORK (CA-91)



4 RISK CHARACTERIZATION

4.1 CARCINOGENIC CHEMICAL RISK

The SCAQMD CEQA Air Quality Handbook (1993) states that emissions of toxic air contaminants (TACs) are considered significant if a HRA shows an increased risk of greater than ten in one million. Based on guidance from the SCAQMD in the document Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (6), for purposes of this analysis, ten (10) in one million is used as the cancer risk threshold for the proposed Project.

Excess cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a unitless probability. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 1 in a million implies a likelihood that up to one person, 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. This risk would be an excess cancer risk that is in addition to any cancer risk borne by a person not exposed to these air toxics.

Health risks associated with exposure to carcinogenic compounds can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. Under a deterministic approach (i.e., point estimate methodology), the cancer risk probability is determined by multiplying the chemical's annual concentration by its unit risk factor (URF). The URF is a measure of the carcinogenic potential of a chemical when a dose is received through the inhalation pathway. It represents an upper bound estimate of the probability of contracting cancer as a result of continuous exposure to an ambient concentration of one microgram per cubic meter ($\mu\text{g}/\text{m}^3$) over a 70-year lifetime. The URFs utilized in the assessment and corresponding cancer potency factors were obtained from the *Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values*.

Notwithstanding, it is the intent of the HRA to provide cumulative risk estimates from near-field on-road sources that are reflective of anticipated exposures experienced at a given residential occupancy. As such, a review of relevant guidance was conducted to determine applicability of the use of early life exposure adjustments to identified carcinogens. For risk assessments conducted under the auspices of The Air Toxics "Hot Spots" Information and Assessment Act (AB 2588, Connelly, Statutes of 1987; Health and Safety Code Section 44300 et seq.) a weighting factor is applied to all carcinogens regardless of purported mechanism of action. However, for this assessment, the HRA relied upon U.S. Environmental Protection Agency guidance relating to the use of early life exposure adjustment factors (Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens, EPA/630/R-003F) whereby adjustment factors are only considered when carcinogens act "through the mutagenic mode of action." A mutagen is a physical or chemical agent that changes genetic material, such as DNA, increasing the frequency of mutations to produce carcinogenic effects. The U.S. Environmental Protection

Agency has identified 19 compounds that elicit a mutagenic mode of action for carcinogenesis. None of the gaseous compounds considered in the HRA elicit a mutagenic mode of action and, therefore, early life exposure adjustments were not considered. For diesel particulates, polycyclic aromatic hydrocarbons (PAHs) and their derivatives, which are known to exhibit a mutagenic mode of action, comprise < 1% of the exhaust particulate mass. To date, the U.S. Environmental Agency reports that whole diesel engine exhaust has not been shown to elicit a mutagenic mode of action.

Accordingly, the health risks to children were not underestimated in the Health Risks Assessment. As discussed, the use of age-weighted factors is not required because none of the gaseous compounds considered in the HRA elicit a primary mutagenic mode of action and none of the pollutants considered are listed by the EPA as having a primary mutagenic mode of action. Therefore, early life exposure adjustments were not considered in accordance with U.S. EPA guidance relating to the use of early life exposure adjustment factors. This analysis appropriately accounts for potential health risk to future residents at the project site.

To effectively quantify dose, the procedure requires the incorporation of several discrete exposure variates. 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 associated with the proposed residential population, the following dose algorithm was utilized.

$$CDI = (C_{air} \times EF \times ED \times IR) / (BW \times AT)$$

Where:

CDI	=	chronic daily intake (mg/kg/day)
C _{air}	=	concentration of contaminant in air (mg/m ³)
EF	=	exposure frequency (days/year)
ED	=	exposure duration (years)
IR	=	inhalation rate (m ³ /day)
BW	=	body weight (kg)
AT	=	averaging time (days)

To represent residential exposures, the assessment employed the U.S. Environmental Protection Agency's guidance to develop viable dose estimates based on reasonable maximum exposures (RME). Specifically, activity patterns for population mobility recommended by the U.S. Environmental Protection Agency and presented in the *Exposure Factors Handbook* were utilized. As a result, lifetime risk values for residents were adjusted to account for an exposure duration of 350 days per year for 30 years (i.e., 95th percentile). These values are consistent with the California Environmental Quality Act which considers the evaluation of environmental effects of proposed projects in a manner that reflects both reasonable and feasible assumptions. For body

weight and inhalation, the assessment employed average adult values of 70 kilograms and 20 cubic meters per day, respectively.

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the OEHHA guidance document entitled Air Toxic Hot Spots Program Risk Assessment Guidelines, Part IV: Technical Support Document for Exposure Assessment and Stochastic Analysis (7) and guidance from SCAQMD.

Tables 4-1 and 4-2 summarize the exposure parameters for Residents for construction and operation, respectively. Appendix 4.1 includes the detailed emissions and risk calculation outputs. (8)

TABLE 4-1: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (CONSTRUCTION ACTIVITY)

Scenario	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)
1-Acre	0 to 2	1,090	10	0.95	1.00	250	8
2-Acre	0 to 2	1,090	10	1.04	1.00	260	8
3-Acre	0 to 2	1,090	10	1.16	1.00	260	8
4-Acre	0 to 2	1,090	10	1.16	1.00	260	8
5-Acre	0 to 2	1,090	10	1.24	1.00	260	8

TABLE 4-2: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL)

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

4.2 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncancerous effects of contaminant exposures was also conducted. Under the point estimate approach, adverse health effects are evaluated by comparing the concentration of each compound with the appropriate Reference Exposure Level (REL). Available RELs presented in the *Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values* were considered in the assessment.

To quantify noncarcinogenic impacts, the hazard index approach was used. The hazard index assumes that subthreshold exposures adversely affect a specific organ or organ system (i.e.,

toxicological endpoint). For each discrete pollutant exposure, target organs presented in regulatory guidance were utilized.

To calculate the hazard index, the pollutant concentration or dose is divided by the appropriate toxicity value. For compounds affecting the same toxicological endpoint, this ratio is summed. Where the total equals or exceeds one (i.e., unity), a health hazard is presumed to exist. For chronic exposures, RELs were converted to units expressed in mg/kg/day to accommodate the above referenced intake algorithm. To assess acute noncancer impacts, the maximum pollutant concentration is divided by the REL for the corresponding averaging time (e.g., 1-hour). No exposure adjustments are considered for short duration exposures.

Appendix 5.1 summarizes the RELs and corresponding reference dose values used in the evaluation of chronic noncarcinogenic and acute exposures. The noncancer hazard quotient for identified compounds generated from each source and a summation for each toxicological endpoint are presented on this table.

For chronic noncarcinogenic effects, the hazard index identified for each toxicological endpoint totaled less than the threshold of 1.0 for all exposure scenarios. For acute exposures, the hazard indices for the identified averaging times did not exceed the threshold of 1.0. Therefore, acute and chronic non-carcinogenic hazards were predicted to be within acceptable limits and are less than significant.

4.3 POTENTIAL CANCER AND NON-CANCER RISKS

For carcinogenic exposures the summation of risk for the maximum exposed residential receptor totaled 2.53 in one million, which does not exceed the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be less than 1.0 for all toxicological endpoints.

4.4 CRITERIA POLLUTANT EXPOSURES

The State of California has promulgated strict ambient air quality standards for various pollutants. These standards were established to safeguard the public's health and welfare with specific emphasis on protecting those individuals susceptible to respiratory distress, such as asthmatics, the young, the elderly and those with existing conditions which may be affected by increased pollutant concentrations. However, recent research has shown that unhealthful respiratory responses occur with exposures to pollutants at levels that only marginally exceed clean air standards. Table 4-3 presents the CAAQS for the criteria pollutants considered in the assessment.

Pollutant emissions are considered to have a significant effect on the environment if they result in concentrations that create either a violation of an ambient air quality standard, contribute to an existing air quality violation or expose sensitive receptors to substantive pollutant concentrations. Should ambient air quality already exceed existing standards, the SCAQMD has established significance criteria for selected compounds to account for the continued degradation of local air quality. Background concentrations are based upon the highest observed value for the most recent three-year period.

For PM₁₀ emissions, background concentrations representative of the project area exceed the CAAQS for the 24-hour and annual averaging times. As a result, a significant impact is achieved when pollutant concentrations produce a measurable change over existing background levels. Although background concentrations exceed the CAAQS annual averaging time for fine particulates, no measurable change criteria currently exists. As a result, the SCAQMD significance threshold of 2.5 µg/m³ for the 24-hour averaging time is used to assess PM_{2.5} impacts.

For the CO 1 and 8-hour averaging times and NO₂ 1-hour averaging time, background concentrations are below the current air quality standards. As such, significance is achieved when pollutant concentrations add to existing levels and create an exceedance of the CAAQS. Table 4-4 shows the pollutant concentrations collected at the nearest available monitoring site to the Project for the last three years of available data. Table 4-5 outlines the relevant significance thresholds considered to affect local air quality.

TABLE 4-3: CALIFORNIA AMBIENT AIR QUALITY STANDARDS

Pollutant	Standard	Health Effects
Particulates (PM ₁₀)	>50 µg/m ³ (24 hr avg.) >20 µg/m ³ (Annual)	1) Excess deaths from short-term exposures and the exacerbation of symptoms in sensitive individuals with respiratory disease. 2) Excess seasonal declines in pulmonary function especially in children.
Particulates (PM _{2.5})	>12 µg/m ³ (Annual)	1) Excess deaths and illness from long-term exposures and the exacerbation of symptoms in sensitive individuals with respiratory and cardiopulmonary disease.
Carbon Monoxide (CO)	>9.0 ppm (8 hr avg.) >20.0 ppm (1 hr avg.)	1) Aggravation of angina pectoris and other aspects of coronary heart disease. 2) Decreased exercise tolerance in persons with peripheral vascular disease and lung disease. 3) Impairment of central nervous system functions. 4) Possible increased risk to fetuses.
Nitrogen Dioxide (NO ₂)	>0.18 ppm (1 hr avg.)	1) Potential to aggravate chronic respiratory disease and respiratory symptoms in sensitive groups. 2) Risk to public health implied by pulmonary and extra-pulmonary biochemical and cellular changes and pulmonary structural changes.

Abbreviations: ppm: parts per million; µg/m³: micrograms per cubic meter.

Source: California Code of Regulations, Title 17, Section 70200.

TABLE 4-4: PROJECT AREA AIR QUALITY MONITORING SUMMARY 2019-2021²

Pollutant/ Averaging Time	Year			
	2019	2020	2021	Maximum
Particulates (PM ₁₀) 24-Hour	127	120	115	127
Particulates (PM _{2.5}) 24-Hour	36.1	41.4	54.4	54.4
Carbon Monoxide (CO) 1-Hour	2.6	2.1	2.3	2.6
8-Hour	1.2	1.2	1.3	1.3
Nitrogen Dioxide (NO ₂) 1-Hour	0.059	0.057	0.063	0.063

Note: PM₁₀ and PM_{2.5} concentrations are expressed in micrograms per cubic meter (µg/m³). All others are expressed in parts per million (ppm).

Source: South Coast Air Quality Management District <https://www.aqmd.gov/home/air-quality/historical-air-quality-data/historical-data-by-year>

TABLE 4-5: SCAQMD AIR QUALITY SIGNIFICANCE THRESHOLDS

Pollutant	Averaging Time	Pollutant Concentration
Particulates (PM ₁₀) Particulates (PM _{2.5})	24-Hours	2.5 µg/m ³ (operation)
Particulates (PM ₁₀)	Annual	1.0 µg/m ³
Carbon Monoxide (CO)	1/8-Hours	SCAQMD is in attainment; impacts are significant if they cause or contribute to an exceedance of the following attainment standards 20 ppm (1-hour) and 9 ppm (8-hour).
Nitrogen Dioxide (NO ₂)	1-Hour	SCAQMD is in attainment; impacts are significant if they cause or contribute to an exceedance of the following attainment standard 0.18 ppm.

Abbreviations: ppm: parts per million; µg/m³: micrograms per cubic meter

Source: South Coast Air Quality Management District.

² CO, and NO₂ data obtained from the SRA16 monitoring station. PM₁₀ and PM_{2.5} data obtained from the SRA 17 monitoring station.

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5 FINDINGS AND RECOMMENDATIONS

5.1 CONSTRUCTION ANALYSIS

Table 5-1 summarizes the cancer and non-cancer risks associated with each of the five construction scenarios analyzed at a distance of 5 meters (16 feet) and assumes the use of CARB Tier 4 Final or better offroad construction equipment. The results of the analysis indicate that under each construction scenario evaluated (1, 2, 3, 4, and 5-acre construction sites), significant health risk impacts would not occur for sensitive receptors located within 5 meters (16 feet) of construction activities with the use of construction equipment that meets or exceeds CARB Tier 4 Final emission standards. A site-specific health risk analysis is recommended under the following circumstances:

- Projects where construction activities would occur over an area greater than 5 acres at any given time;
- Projects where sensitive receptors are located less than 5 meters (16 feet) from construction activities;
- Construction activities where all equipment does not meet at least CARB Tier 4 Final emission standards; or
- Projects for which the expected duration or equipment mix would differ significantly from those detailed in Section 2.1 of this report.

TABLE 5-1: SUMMARY OF CONSTRUCTION CANCER AND NON-CANCER RISKS

Scenario	Maximum Lifetime Cancer Risk (Risk per Million)	Maximum Hazard Index
1-Acre	1.99	≤ 0.01
2-Acre	2.17	≤ 0.01
3-Acre	2.12	≤ 0.01
4-Acre	1.62	≤ 0.01
5-Acre	1.51	≤ 0.01
SCAQMD Significance Threshold	10	1.0
Threshold Exceeded?	NO	NO

5.2 FREEWAY ANALYSIS

The analysis evaluated potential health risks resulting from exposure to pollutants emitted by vehicles traveling on I-5 and CA-91. Table 5-2 summarizes the results of the analysis at a distance of 137 meters (450 feet) from the traveled roadway. The results of the analysis indicate that significant health risks would not occur for sensitive receptors at distances greater than 450 feet

from the traveled roadway, with implementation of Minimum Efficiency Reporting Value (MERV) 13 or better air filtration systems. Projects that would place sensitive receptors nearer than 450 feet from I-5 or CA-91 may require additional site-specific analysis.

TABLE 5-2: SUMMARY OF FREEWAY CANCER AND NON-CANCER RISKS

Scenario	Maximum Lifetime Cancer Risk (Risk per Million)	Maximum Hazard Index
I-5	6.52	≤ 0.01
CA-91	8.70	≤ 0.01
SCAQMD Significance Threshold	10	1.0
Threshold Exceeded?	NO	NO

Table 5-3 presents modeled concentrations of CO, N₂O, PM₁₀, and PM_{2.5} for residents located 450 feet from the traveled roadway. As shown below, pollutant concentrations would not exceed SCAQMD significance thresholds for any of these pollutants.

TABLE 5-3: SUMMARY OF CRITERIA POLLUTANT CONCENTRATIONS

Scenario	CO (ppm)		NO ₂ (ppm)	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)
	1-Hour	8-Hour	1-Hour	24-Hour	24-Hour
I-5	0.03	0.02	0.002	0.07	0.04
CA-91	0.04	0.04	0.002	0.10	0.05
Background Concentration	2.6	1.3	0.063		
Maximum Total Concentration	2.64	1.34	0.065	0.10	0.05
SCAQMD Significance Threshold	20	9	0.18	2.5	2.5
Threshold Exceeded?	NO	NO	NO	NO	NO

Based on these findings, it is recommended that residential projects be sited such that residences are located at least 450 feet from the traveled roadway of the I-5 or CA-91 freeways. Additionally, as required by the California Building Energy Efficiency Standards (Title 24, Part 6 CCR), it is recommended that all residential projects be required to install air filtration systems with efficiencies equal to or exceeding a MERV 13 as defined by the ASHRAE Standard 52.2. (1)³. A site-specific HRA may be required for projects located nearer than 450 feet from the traveled roadway of I-5 or CA-91 or for projects not requiring the installation of MERV 13 or better air filtration systems.

³ The use of MERV filtration systems to reduce DPM and particulates has been successfully implemented by several lead agencies, including, but not limited to: City of Los Angeles, City of Claremont, City of Irvine, City of Glendale, City of Berkeley, City of Oakland, and the Los Angeles Unified School District (LAUSD). The average particle size efficiency (PSE) removal for MERV 13 as defined by the 2019 Title 24 standards is approximately 50% for 0.3 to 1.0 µg/m³ (DPM), 85% for 1.0 to 3.0 µg/m³ (PM_{2.5}), and 90% for 3.0 to 10.0 µg/m³ (PM₁₀) (2).

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7 CERTIFICATION

The contents of this air study report represent an accurate depiction of the environmental impacts associated with the proposed Buena Park General Plan & Zoning Code Update Project. The information contained in this health risk assessment is based on the best available data at the time of preparation. If you have any questions, please contact me directly at (949) 660-1994.

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Master of Science in Environmental Studies
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PROFESSIONAL AFFILIATIONS

AEP – Association of Environmental Professionals
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ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

Environmental Site Assessment – American Society for Testing and Materials • June, 2013
Planned Communities and Urban Infill – Urban Land Institute • June, 2011
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Principles of Ambient Air Monitoring – California Air Resources Board • August, 2007
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APPENDIX 1.1:

MERV FILTER EFFICIENCY

TECH TIPS

Sales and Marketing Information on Airguard Air Filtration Products

ASHRAE Standard 52.2 Explained

ASHRAE Efficiency Ratings Provide New Method Of Measuring Filter Performance

The new ASHRAE Standard 52.2 provides the first industry accepted procedure for measuring filter efficiency by particle size.

The need for a more precise measurement of a filter's ability to remove specific particle sizes has become more critical as concern over indoor air quality, respirable particles, as well as protection of products and processes, has continued to grow.

Standard 52.2 Supplements Standard 52.1

Standard 52.2 is not intended to be a replacement for standard 52.1. Both will continue to be relied upon as the industry accepted measures of filter performance. The arrestance and dust holding capacity data provided by Standard 52.1 will remain as valuable performance characteristics. However, it is anticipated that as the fractional efficiency test (52.2) becomes more widely understood and accepted, the atmospheric dust spot efficiency test (52.1) will no longer be utilized.

Particle Size Ranges

The 52.2 procedure calls for efficiency measurements to be taken on twelve (12) particle size ranges. (See example to right.)

For reporting and rating purposes, these twelve (12) ranges are grouped into three (3) wider ranges:

E₁ - 0.3 - 1.0 Microns

E₂ - 1.0 - 3.0 Microns

E₃ - 3.0 - 10.0 Microns

Standard 52.2 Test Procedure

Efficiency measurements are taken on each of the twelve (12) particle size ranges at six (6) different points during the test:

Clean (after (4) increments of dust loading).

After the final resistance has been reached.

Standard synthetic ASHRAE dust, comprised of 72% SAE standard J726 test dust (fine), 23% powdered carbon, and 5% milled cotton linters is used to load the filter in five (5) equal increments.

The six (6) efficiency measurements for each of the twelve (12) particle size ranges (72 total efficiency measurements) are taken by challenging the filter with potassium chloride (KCl) particles. This test aerosol provides particles over the entire range of 0.3 to 10.0 microns required by the test procedure.

The lowest efficiency value (of the six (6) measurements taken throughout the test) for each of the twelve (12) particle size ranges is recorded. (Note: The six (6) readings for each particle size range are not averaged. The lowest efficiency value is used.)

The twelve (12) readings are grouped into the three (3) wider ranges (E₁, E₂, E₃).

These values are then averaged to provide an average Particle Size Efficiency (PSE) for each range. The PSE values are used to classify the filter into one of the sixteen (16) Minimum Efficiency Reporting Value (MERV) Ratings.

Standard Test Air Flow Rates

Standard 52.2 prescribes that the tests are to be run at one of seven (7) air flow rates:

118 FPM (.60 m/s)

246 FPM (1.25 m/s)

295 FPM (1.50 m/s)

374 FPM (1.90 m/s)

492 FPM (2.50 m/s)

630 FPM (3.20 m/s)

748 FPM (3.80 m/s)

Example: MERV-14 Rating (see back for MERV Rating Schedule.)

Particle Size Range (Microns)	Lowest Efficiency (%) (based on 6 readings over life of test)	Average Particle Size Efficiency (PSE)
.30 - .40	74%	84% (E ₁)
.40 - .55	82%	
.55 - .70	87%	
.70 - 1.0	92%	
1.0 - 1.3	96%	98% (E ₂)
1.3 - 1.6	98%	
1.6 - 2.2	99%	
2.2 - 3.0	100%	
3.0 - 4.0	100%	100% (E ₃)
4.0 - 5.5	100%	
5.5 - 7.0	100%	
7.0 - 10.0	100%	

To determine the MERV Rating, start with the PSE value for E₁, then E₂, then E₃ to arrive at the proper rating:

E₁ is 84%; Therefore the maximum rating would be MERV-14.

E₂ and E₃ both exceed 90%; therefore the filter receives an MERV-14 Rating.



Tech Tips

Sales and Marketing Information on Airguard Air Filtration Products

Minimum Efficiency Reporting Values (MERV) ASHRAE Standard 52.2

Group Number	MERV Rating	E ₁	E ₂	E ₃	Average Arrestance (ASHRAE 52.1)	Minimum Final Resistance (In. W.G.)
		Average Particle Size Efficiency (PSE) 0.3 - 1.0 Microns	Average Particle Size Efficiency (PSE) 1.0 - 3.0 Microns	Average Particle Size Efficiency (PSE) 3.0 - 10.0 Microns		
1	MERV 1	-	-	Less than 20%	Less than 65%	0.3"
	MERV 2	-	-	Less than 20%	65 - 69.9%	0.3"
	MERV 3	-	-	Less than 20%	70 - 74.9%	0.3"
	MERV 4	-	-	Less than 20%	75% or greater	0.3"
2	MERV 5	-	-	20 - 34.9%	-	0.6"
	MERV 6	-	-	35 - 49.9%	-	0.6"
	MERV 7	-	-	50 - 69.9%	-	0.6"
	MERV 8	-	-	70 - 84.9%	-	0.6"
3	MERV 9	-	Less than 50%	85% or greater	-	1.0"
	MERV 10	-	50% - 64.9%	85% or greater	-	1.0"
	MERV 11	-	65% - 79.9%	85% or greater	-	1.0"
	MERV 12	-	80% - 89.9%	90% or greater	-	1.0"
4	MERV 13	Less than 75%	90% or greater	90% or greater	-	1.4"
	MERV 14	75% - 84.9%	90% or greater	90% or greater	-	1.4"
	MERV 15	85% - 94.9%	90% or greater	90% or greater	-	1.4"
	MERV 16	95% or Greater	95% or greater	95% or greater	-	1.4"

Notes:

- ASHRAE Standard 52.2 tests are to be conducted at one of seven (7) air flow rates:

118 FPM (.60 m/s)	492 FPM (2.50 m/s)
246 FPM (1.25 m/s)	630 FPM (3.20 m/s)
295 FPM (1.50 m/s)	748 FPM (3.80 m/s)
374 FPM (1.90 m/s)	
- The air flow rate at which the filter was tested is included in the MERV rating (MERV-10 @2.5 m/s).
- Filters with an E₃ efficiency of less than 20% (MERV-1 through MERV-4) must also be tested for arrestance per ASHRAE Standard 52.1.
- Final resistance must be at least twice the initial resistance at the test air flow rate, or the values shown in the table above, whichever is greater.

A-TT52.2-308



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APPENDIX 2.1:

CALEEMOD OUTPUTS – 1-ACRE SCENARIO

14635 Construction 1ac Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14635 Construction 1ac
Construction Start Date	1/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	18.8
Location	33.87173427834638, -117.99655165358445
County	Orange
City	Buena Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5798
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

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
Single Family Housing	3.00	Dwelling Unit	1.00	5,850	35,139	—	9.00	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.13	0.13	0.66	8.17	0.01	0.02	0.02	0.04	0.02	< 0.005	0.03	—	1,330	1,330	0.05	0.01	0.09	1,335
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.19	3.68	1.51	10.2	0.02	0.03	1.48	1.51	0.03	0.69	0.72	—	1,810	1,810	0.07	0.02	0.03	1,817
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.09	0.18	0.50	5.14	0.01	0.02	0.04	0.06	0.02	0.01	0.03	—	840	840	0.03	0.01	0.05	843
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.02	0.03	0.09	0.94	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	139	139	0.01	< 0.005	0.01	140

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	0.13	0.13	0.66	8.17	0.01	0.02	0.02	0.04	0.02	< 0.005	0.03	—	1,330	1,330	0.05	0.01	0.09	1,335
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.19	3.68	1.51	10.2	0.02	0.03	1.48	1.51	0.03	0.69	0.72	—	1,810	1,810	0.07	0.02	0.03	1,817
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.09	0.18	0.50	5.14	0.01	0.02	0.04	0.06	0.02	0.01	0.03	—	840	840	0.03	0.01	0.05	843
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.02	0.03	0.09	0.94	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	139	139	0.01	< 0.005	0.01	140

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	0.10	0.10	1.47	5.63	0.01	0.02	—	0.02	0.02	—	0.02	—	852	852	0.03	0.01	—	855
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.08	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.7	46.7	< 0.005	< 0.005	—	46.9
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.73	7.73	< 0.005	< 0.005	—	7.76
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.26
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	—	1.19	1.19	< 0.005	< 0.005	< 0.005	1.20
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

3.3. 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	0.08	0.08	0.42	5.99	0.01	0.02	—	0.02	0.02	—	0.02	—	858	858	0.03	0.01	—	861
Dust From Material Movement	—	—	—	—	—	—	0.14	0.14	—	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	< 0.005	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.70	4.70	< 0.005	< 0.005	—	4.72
Dust From Material Movement	—	—	—	—	—	—	< 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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.78	0.78	< 0.005	< 0.005	—	0.78

Dust From Material Movement	—	—	—	—	—	—	< 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	0.02	0.02	0.02	0.26	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.5	64.5	< 0.005	< 0.005	0.01	65.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.36
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
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

3.5. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	0.84	9.79	0.02	0.03	—	0.03	0.03	—	0.03	—	1,713	1,713	0.07	0.01	—	1,719
Dust From Material Movement	—	—	—	—	—	—	1.38	1.38	—	0.67	0.67	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.8	18.8	< 0.005	< 0.005	—	18.8
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.11	3.11	< 0.005	< 0.005	—	3.12
Dust From Material Movement	—	—	—	—	—	—	< 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	0.03	0.03	0.03	0.39	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	96.7	96.7	< 0.005	< 0.005	0.01	97.9
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.07	1.07	< 0.005	< 0.005	< 0.005	1.09
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.18
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

3.7. 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	0.12	0.12	0.64	8.10	0.01	0.02	—	0.02	0.02	—	0.02	—	1,305	1,305	0.05	0.01	—	1,309
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	0.12	0.12	0.64	8.10	0.01	0.02	—	0.02	0.02	—	0.02	—	1,305	1,305	0.05	0.01	—	1,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.35	4.44	0.01	0.01	—	0.01	0.01	—	0.01	—	715	715	0.03	0.01	—	717
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	0.06	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	118	118	< 0.005	< 0.005	—	119
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	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.06	14.9
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	0.03	10.9
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.9	13.9	< 0.005	< 0.005	< 0.005	14.1
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	< 0.005	10.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.74	7.74	< 0.005	< 0.005	0.01	7.84
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.69	5.69	< 0.005	< 0.005	0.01	5.94
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	—	1.28	1.28	< 0.005	< 0.005	< 0.005	1.30
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.94	0.94	< 0.005	< 0.005	< 0.005	0.98
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	0.84	4.58	0.01	0.01	—	0.01	0.01	—	0.01	—	823	823	0.03	0.01	—	826
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.6	22.6	< 0.005	< 0.005	—	22.6
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.73	3.73	< 0.005	< 0.005	—	3.75
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.08	0.91	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	226	226	< 0.005	0.01	0.03	228
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.27	6.27	< 0.005	< 0.005	0.01	6.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.05
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	3.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.66	3.66	< 0.005	< 0.005	—	3.67
Architectural Coatings	—	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.61	0.61	< 0.005	< 0.005	—	0.61
Architectural Coatings	—	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.79	2.79	< 0.005	< 0.005	< 0.005	2.82
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	1/29/2024	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2024	2/1/2024	5.00	2.00	—
Grading	Grading	2/2/2024	2/7/2024	5.00	4.00	—
Building Construction	Building Construction	2/8/2024	11/14/2024	5.00	200	—
Paving	Paving	11/15/2024	11/29/2024	5.00	10.0	—
Architectural Coating	Architectural Coating	11/30/2024	12/14/2024	5.00	10.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	1.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	6.00	84.0	0.37
Site Preparation	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	6.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	6.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	4.00	367	0.29

Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	6.00	82.0	0.20
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Paving	Cement and Mortar Mixers	Diesel	Tier 4 Final	4.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	7.00	81.0	0.42
Paving	Rollers	Diesel	Tier 4 Final	1.00	7.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	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	10.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	5.00	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	7.50	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT

Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	1.08	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	0.32	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	17.5	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	0.22	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	11,846	3,949	0.00	0.00	—

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)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	1.00	0.00	—
Grading	—	—	3.00	0.00	—
Paving	0.00	0.00	0.00	0.00	0.03

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
Single Family Housing	0.03	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	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	9.66	annual days of extreme heat
Extreme Precipitation	4.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi. Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

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

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	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	1	1	1	2
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	48.5
AQ-PM	80.9
AQ-DPM	91.5
Drinking Water	48.6
Lead Risk Housing	79.3
Pesticides	0.00
Toxic Releases	85.9
Traffic	87.4
Effect Indicators	—
CleanUp Sites	82.1
Groundwater	64.5
Haz Waste Facilities/Generators	64.6

Impaired Water Bodies	58.7
Solid Waste	75.7
Sensitive Population	—
Asthma	58.2
Cardio-vascular	47.8
Low Birth Weights	31.1
Socioeconomic Factor Indicators	—
Education	81.9
Housing	90.9
Linguistic	88.3
Poverty	77.2
Unemployment	81.7

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	41.46028487
Employed	19.02989863
Median HI	38.2137816
Education	—
Bachelor's or higher	45.52803798
High school enrollment	100
Preschool enrollment	21.73745669
Transportation	—
Auto Access	58.83485179
Active commuting	47.79930707

Social	—
2-parent households	65.35352239
Voting	1.93763634
Neighborhood	—
Alcohol availability	26.08751444
Park access	12.22892339
Retail density	87.29629154
Supermarket access	10.21429488
Tree canopy	19.47901963
Housing	—
Homeownership	7.943025792
Housing habitability	24.16271012
Low-inc homeowner severe housing cost burden	91.91582189
Low-inc renter severe housing cost burden	57.48748877
Uncrowded housing	9.277556782
Health Outcomes	—
Insured adults	26.25433081
Arthritis	91.8
Asthma ER Admissions	33.8
High Blood Pressure	83.5
Cancer (excluding skin)	89.7
Asthma	51.9
Coronary Heart Disease	87.2
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	60.0
Life Expectancy at Birth	61.7
Cognitively Disabled	41.3

Physically Disabled	30.9
Heart Attack ER Admissions	45.5
Mental Health Not Good	39.8
Chronic Kidney Disease	73.0
Obesity	61.1
Pedestrian Injuries	39.8
Physical Health Not Good	46.9
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	40.3
Current Smoker	40.7
No Leisure Time for Physical Activity	33.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	6.4
Elderly	94.7
English Speaking	9.4
Foreign-born	75.6
Outdoor Workers	33.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.2
Traffic Density	88.4
Traffic Access	63.7
Other Indices	—
Hardship	72.4
Other Decision Support	—

2016 Voting	21.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	92.0
Healthy Places Index Score for Project Location (b)	26.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	1 acre construction scenario
Construction: Off-Road Equipment	Tier 4 Equipment

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APPENDIX 2.2:

CALEEMOD OUTPUTS – 2-ACRE SCENARIO

14635 Construction 2ac Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14635 Construction 2ac
Construction Start Date	1/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	18.8
Location	33.87100434009653, -117.99640855361734
County	Orange
City	Buena Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5798
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

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
Single Family Housing	6.00	Dwelling Unit	2.00	11,700	70,277	—	18.0	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.21	0.21	3.57	10.6	0.02	0.03	0.03	0.07	0.03	0.01	0.04	—	1,851	1,851	0.07	0.02	0.18	1,859
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.30	7.32	3.57	15.2	0.02	0.05	1.97	2.02	0.05	0.92	0.97	—	2,655	2,655	0.10	0.03	0.02	2,665
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.16	0.20	2.34	7.83	0.01	0.02	0.08	0.10	0.02	0.03	0.05	—	1,362	1,362	0.05	0.01	0.08	1,367
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.03	0.04	0.43	1.43	< 0.005	< 0.005	0.01	0.02	< 0.005	0.01	0.01	—	225	225	0.01	< 0.005	0.01	226

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	0.21	0.21	3.57	10.6	0.02	0.03	0.03	0.07	0.03	0.01	0.04	—	1,851	1,851	0.07	0.02	0.18	1,859
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.30	0.30	3.57	15.2	0.02	0.05	1.97	2.02	0.05	0.92	0.97	—	2,655	2,655	0.10	0.03	0.02	2,665
2025	0.18	7.32	1.19	9.40	0.01	0.02	0.20	0.22	0.02	0.05	0.07	—	1,472	1,472	0.05	0.02	0.02	1,478
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.16	0.15	2.34	7.83	0.01	0.02	0.08	0.10	0.02	0.03	0.05	—	1,362	1,362	0.05	0.01	0.08	1,367
2025	< 0.005	0.20	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.04	3.04	< 0.005	< 0.005	< 0.005	3.05
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.03	0.03	0.43	1.43	< 0.005	< 0.005	0.01	0.02	< 0.005	0.01	0.01	—	225	225	0.01	< 0.005	0.01	226
2025	< 0.005	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.51

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	0.25	0.25	2.27	14.6	0.02	0.05	—	0.05	0.05	—	0.05	—	2,494	2,494	0.10	0.02	—	2,502
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.12	0.80	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	137	137	0.01	< 0.005	—	137
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.6	22.6	< 0.005	< 0.005	—	22.7
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.05	0.65	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	161	161	< 0.005	0.01	0.02	163
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.95	8.95	< 0.005	< 0.005	0.02	9.07
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	—	1.48	1.48	< 0.005	< 0.005	< 0.005	1.50
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

3.3. 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	0.19	0.19	1.01	11.9	0.02	0.04	—	0.04	0.04	—	0.04	—	2,064	2,064	0.08	0.02	—	2,071
Dust From Material Movement	—	—	—	—	—	—	1.63	1.63	—	0.78	0.78	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.0	17.0	< 0.005	< 0.005	—	17.0
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.81	2.81	< 0.005	< 0.005	—	2.82
Dust From Material Movement	—	—	—	—	—	—	< 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	0.03	0.03	0.03	0.39	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	96.7	96.7	< 0.005	< 0.005	0.01	97.9
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	0.82
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.14
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

3.5. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.23	1.20	14.2	0.02	0.05	—	0.05	0.05	—	0.05	—	2,454	2,454	0.10	0.02	—	2,462
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	40.3	40.3	< 0.005	< 0.005	—	40.5
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.68	6.68	< 0.005	< 0.005	—	6.70
Dust From Material Movement	—	—	—	—	—	—	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

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.15	2.15	< 0.005	< 0.005	< 0.005	2.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.36
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

3.7. 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	0.20	0.20	3.54	10.5	0.02	0.03	—	0.03	0.03	—	0.03	—	1,801	1,801	0.07	0.01	—	1,807

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	0.20	0.20	3.54	10.5	0.02	0.03	—	0.03	0.03	—	0.03	—	1,801	1,801	0.07	0.01	—	1,807
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	0.12	0.12	2.13	6.31	0.01	0.02	—	0.02	0.02	—	0.02	—	1,086	1,086	0.04	0.01	—	1,089
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.39	1.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	180	180	0.01	< 0.005	—	180
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	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.3	29.3	< 0.005	< 0.005	0.12	29.7
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	20.8	20.8	< 0.005	< 0.005	0.06	21.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.9	27.9	< 0.005	< 0.005	< 0.005	28.2
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	20.8	20.8	< 0.005	< 0.005	< 0.005	21.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.0	17.0	< 0.005	< 0.005	0.03	17.2
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	0.01	13.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.82	2.82	< 0.005	< 0.005	0.01	2.86
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.07	2.07	< 0.005	< 0.005	< 0.005	2.16
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	1.13	8.68	0.01	0.02	—	0.02	0.02	—	0.02	—	1,282	1,282	0.05	0.01	—	1,287
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	35.1	35.1	< 0.005	< 0.005	—	35.3
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.82	5.82	< 0.005	< 0.005	—	5.84
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.78	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	193	193	< 0.005	0.01	0.02	196
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.37	5.37	< 0.005	< 0.005	0.01	5.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.89	0.89	< 0.005	< 0.005	< 0.005	0.90
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	1.13	8.68	0.01	0.02	—	0.02	0.02	—	0.02	—	1,282	1,282	0.05	0.01	—	1,287
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.51	2.51	< 0.005	< 0.005	—	2.52
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.42	0.42	< 0.005	< 0.005	—	0.42
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.05	0.06	0.73	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	189	189	< 0.005	0.01	0.02	192
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.38	0.38	< 0.005	< 0.005	< 0.005	0.38
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	7.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	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	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.46	5.46	< 0.005	< 0.005	< 0.005	5.52
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.15
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/1/2024	1/29/2024	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2024	2/3/2024	5.00	3.00	—
Grading	Grading	2/4/2024	2/12/2024	5.00	6.00	—
Building Construction	Building Construction	2/13/2024	12/17/2024	5.00	220	—
Paving	Paving	12/18/2024	1/1/2025	5.00	10.0	—
Architectural Coating	Architectural Coating	1/2/2025	1/16/2025	5.00	10.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

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

Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Site Preparation	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	7.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	6.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	1.00	6.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	3.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Tier 4 Final	1.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	6.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	1.00	7.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37

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	12.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	2.16	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	0.64	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	0.43	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	23,693	7,898	0.00	0.00	—

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)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	2.81	0.00	—
Grading	—	—	6.00	0.00	—
Paving	0.00	0.00	0.00	0.00	0.07

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
Single Family Housing	0.07	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
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	9.66	annual days of extreme heat
Extreme Precipitation	4.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

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

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

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

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	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	1	1	1	2
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	48.5

AQ-PM	80.9
AQ-DPM	91.5
Drinking Water	48.6
Lead Risk Housing	79.3
Pesticides	0.00
Toxic Releases	85.9
Traffic	87.4
Effect Indicators	—
CleanUp Sites	82.1
Groundwater	64.5
Haz Waste Facilities/Generators	64.6
Impaired Water Bodies	58.7
Solid Waste	75.7
Sensitive Population	—
Asthma	58.2
Cardio-vascular	47.8
Low Birth Weights	31.1
Socioeconomic Factor Indicators	—
Education	81.9
Housing	90.9
Linguistic	88.3
Poverty	77.2
Unemployment	81.7

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	41.46028487
Employed	19.02989863
Median HI	38.2137816
Education	—
Bachelor's or higher	45.52803798
High school enrollment	100
Preschool enrollment	21.73745669
Transportation	—
Auto Access	58.83485179
Active commuting	47.79930707
Social	—
2-parent households	65.35352239
Voting	1.93763634
Neighborhood	—
Alcohol availability	26.08751444
Park access	12.22892339
Retail density	87.29629154
Supermarket access	10.21429488
Tree canopy	19.47901963
Housing	—
Homeownership	7.943025792
Housing habitability	24.16271012
Low-inc homeowner severe housing cost burden	91.91582189
Low-inc renter severe housing cost burden	57.48748877
Uncrowded housing	9.277556782
Health Outcomes	—

Insured adults	26.25433081
Arthritis	91.8
Asthma ER Admissions	33.8
High Blood Pressure	83.5
Cancer (excluding skin)	89.7
Asthma	51.9
Coronary Heart Disease	87.2
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	60.0
Life Expectancy at Birth	61.7
Cognitively Disabled	41.3
Physically Disabled	30.9
Heart Attack ER Admissions	45.5
Mental Health Not Good	39.8
Chronic Kidney Disease	73.0
Obesity	61.1
Pedestrian Injuries	39.8
Physical Health Not Good	46.9
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	40.3
Current Smoker	40.7
No Leisure Time for Physical Activity	33.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	6.4

Elderly	94.7
English Speaking	9.4
Foreign-born	75.6
Outdoor Workers	33.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.2
Traffic Density	88.4
Traffic Access	63.7
Other Indices	—
Hardship	72.4
Other Decision Support	—
2016 Voting	21.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	92.0
Healthy Places Index Score for Project Location (b)	26.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	2 acre construction scenario
Construction: Off-Road Equipment	Construction equipment consistent with SCAQMD LST 2 acre example

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APPENDIX 2.3:

CALEEMOD OUTPUTS – 3-ACRE SCENARIO

14635 Construction 3ac Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14635 Construction 3ac
Construction Start Date	1/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	18.8
Location	33.871046876798005, -117.9963514946355
County	Orange
City	Buena Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5798
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

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
Single Family Housing	9.00	Dwelling Unit	3.00	17,550	105,416	—	27.0	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.25	0.25	3.78	13.0	0.02	0.04	0.05	0.09	0.04	0.01	0.05	—	2,276	2,276	0.09	0.02	0.26	2,286
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.46	6.10	3.79	23.6	0.04	0.08	0.80	0.89	0.08	0.10	0.19	—	4,559	4,559	0.18	0.04	0.02	4,576
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.18	0.31	2.53	9.42	0.02	0.03	0.06	0.09	0.03	0.01	0.04	—	1,663	1,663	0.07	0.02	0.09	1,670
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.03	0.06	0.46	1.72	< 0.005	0.01	0.01	0.02	0.01	< 0.005	0.01	—	275	275	0.01	< 0.005	0.02	276

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	0.25	0.25	3.78	13.0	0.02	0.04	0.05	0.09	0.04	0.01	0.05	—	2,276	2,276	0.09	0.02	0.26	2,286
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.46	0.46	3.79	23.6	0.04	0.08	0.80	0.89	0.08	0.10	0.19	—	4,559	4,559	0.18	0.04	0.01	4,576
2025	0.25	6.10	3.78	12.9	0.02	0.04	0.20	0.22	0.04	0.05	0.07	—	2,273	2,273	0.09	0.02	0.02	2,282
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.18	0.18	2.53	9.42	0.02	0.03	0.06	0.09	0.03	0.01	0.04	—	1,663	1,663	0.07	0.02	0.09	1,670
2025	0.01	0.31	0.13	0.60	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	96.2	96.2	< 0.005	< 0.005	0.02	96.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.03	0.03	0.46	1.72	< 0.005	0.01	0.01	0.02	0.01	< 0.005	0.01	—	275	275	0.01	< 0.005	0.02	276
2025	< 0.005	0.06	0.02	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.9	15.9	< 0.005	< 0.005	< 0.005	16.0

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	0.22	0.22	2.13	12.5	0.02	0.04	—	0.04	0.04	—	0.04	—	2,203	2,203	0.09	0.02	—	2,211
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.12	0.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	121	121	< 0.005	< 0.005	—	121
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.0	20.0	< 0.005	< 0.005	—	20.1
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.26
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	—	1.19	1.19	< 0.005	< 0.005	< 0.005	1.20
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

3.3. 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	0.42	0.42	2.18	23.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,430	4,430	0.18	0.04	—	4,445
Dust From Material Movement	—	—	—	—	—	—	0.67	0.67	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	60.7	60.7	< 0.005	< 0.005	—	60.9
Dust From Material Movement	—	—	—	—	—	—	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	< 0.005	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.0	10.0	< 0.005	< 0.005	—	10.1
Dust From Material Movement	—	—	—	—	—	—	< 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	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.79	1.79	< 0.005	< 0.005	< 0.005	1.81
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.30
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

3.5. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.26	1.33	15.0	0.03	0.05	—	0.05	0.05	—	0.05	—	2,716	2,716	0.11	0.02	—	2,725
Dust From Material Movement	—	—	—	—	—	—	0.41	0.41	—	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	59.5	59.5	< 0.005	< 0.005	—	59.7
Dust From Material Movement	—	—	—	—	—	—	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	< 0.005	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.85	9.85	< 0.005	< 0.005	—	9.89
Dust From Material Movement	—	—	—	—	—	—	< 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	0.03	0.03	0.03	0.39	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	96.7	96.7	< 0.005	< 0.005	0.01	97.9
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.15	2.15	< 0.005	< 0.005	< 0.005	2.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.36
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

3.7. 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	0.24	0.24	3.74	12.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,201	2,201	0.09	0.02	—	2,209

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	0.24	0.24	3.74	12.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,201	2,201	0.09	0.02	—	2,209
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	0.15	0.15	2.32	7.92	0.01	0.02	—	0.02	0.02	—	0.02	—	1,365	1,365	0.06	0.01	—	1,370
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.42	1.45	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	226	226	0.01	< 0.005	—	227
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	0.01	0.01	0.01	0.19	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	43.9	43.9	< 0.005	< 0.005	0.18	44.6
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.2	31.2	< 0.005	< 0.005	0.08	32.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	41.8	41.8	< 0.005	< 0.005	< 0.005	42.3
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.2	31.2	< 0.005	< 0.005	< 0.005	32.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	26.3	26.3	< 0.005	< 0.005	0.05	26.6
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.02	20.2
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.35	4.35	< 0.005	< 0.005	0.01	4.41
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.20	3.20	< 0.005	< 0.005	< 0.005	3.34
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (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	0.24	0.24	3.74	12.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.8	25.8	< 0.005	< 0.005	—	25.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.01	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.28	4.28	< 0.005	< 0.005	—	4.29
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	0.01	0.01	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	40.9	40.9	< 0.005	< 0.005	< 0.005	41.4
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.7	30.7	< 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	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.49
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.38
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (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	0.13	0.13	1.77	8.32	0.01	0.02	—	0.02	0.02	—	0.02	—	1,209	1,209	0.05	0.01	—	1,213
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	59.6	59.6	< 0.005	< 0.005	—	59.8
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.87	9.87	< 0.005	< 0.005	—	9.90
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.06	0.73	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	189	189	< 0.005	0.01	0.02	192
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.47	9.47	< 0.005	< 0.005	0.02	9.60
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	—	1.57	1.57	< 0.005	< 0.005	< 0.005	1.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	6.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.19	8.19	< 0.005	< 0.005	< 0.005	8.28
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.41	0.41	< 0.005	< 0.005	< 0.005	0.41
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	1/29/2024	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2024	2/6/2024	5.00	5.00	—
Grading	Grading	2/7/2024	2/18/2024	5.00	8.00	—
Building Construction	Building Construction	2/19/2024	1/6/2025	5.00	230	—
Paving	Paving	1/7/2025	2/1/2025	5.00	18.0	—
Architectural Coating	Architectural Coating	2/2/2025	2/27/2025	5.00	18.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Site Preparation	Graders	Diesel	Tier 4 Final	1.00	7.00	148	0.41

Site Preparation	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	4.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
Grading	Scrapers	Diesel	Tier 4 Final	1.00	8.00	423	0.48
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	3.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Tier 4 Final	1.00	3.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37

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	10.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT

Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	10.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	7.50	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	3.24	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	0.96	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	0.65	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	35,539	11,846	0.00	0.00	—

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)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	12.2	0.00	—
Grading	—	—	12.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.10

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
Single Family Housing	0.10	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
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	9.66	annual days of extreme heat
Extreme Precipitation	4.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

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

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

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

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	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	1	1	1	2
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	48.5
AQ-PM	80.9
AQ-DPM	91.5

Drinking Water	48.6
Lead Risk Housing	79.3
Pesticides	0.00
Toxic Releases	85.9
Traffic	87.4
Effect Indicators	—
CleanUp Sites	82.1
Groundwater	64.5
Haz Waste Facilities/Generators	64.6
Impaired Water Bodies	58.7
Solid Waste	75.7
Sensitive Population	—
Asthma	58.2
Cardio-vascular	47.8
Low Birth Weights	31.1
Socioeconomic Factor Indicators	—
Education	81.9
Housing	90.9
Linguistic	88.3
Poverty	77.2
Unemployment	81.7

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	41.46028487

Employed	19.02989863
Median HI	38.2137816
Education	—
Bachelor's or higher	45.52803798
High school enrollment	100
Preschool enrollment	21.73745669
Transportation	—
Auto Access	58.83485179
Active commuting	47.79930707
Social	—
2-parent households	65.35352239
Voting	1.93763634
Neighborhood	—
Alcohol availability	26.08751444
Park access	12.22892339
Retail density	87.29629154
Supermarket access	10.21429488
Tree canopy	19.47901963
Housing	—
Homeownership	7.943025792
Housing habitability	24.16271012
Low-inc homeowner severe housing cost burden	91.91582189
Low-inc renter severe housing cost burden	57.48748877
Uncrowded housing	9.277556782
Health Outcomes	—
Insured adults	26.25433081
Arthritis	91.8

Asthma ER Admissions	33.8
High Blood Pressure	83.5
Cancer (excluding skin)	89.7
Asthma	51.9
Coronary Heart Disease	87.2
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	60.0
Life Expectancy at Birth	61.7
Cognitively Disabled	41.3
Physically Disabled	30.9
Heart Attack ER Admissions	45.5
Mental Health Not Good	39.8
Chronic Kidney Disease	73.0
Obesity	61.1
Pedestrian Injuries	39.8
Physical Health Not Good	46.9
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	40.3
Current Smoker	40.7
No Leisure Time for Physical Activity	33.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	6.4
Elderly	94.7
English Speaking	9.4

Foreign-born	75.6
Outdoor Workers	33.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.2
Traffic Density	88.4
Traffic Access	63.7
Other Indices	—
Hardship	72.4
Other Decision Support	—
2016 Voting	21.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	92.0
Healthy Places Index Score for Project Location (b)	26.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	3 acre construction scenario
Construction: Off-Road Equipment	Construction equipment consistent with SCAQMD LST 3 acre example

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APPENDIX 2.4:

CALEEMOD OUTPUTS – 4-ACRE SCENARIO

14635 Construction 4ac Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14635 Construction 4ac
Construction Start Date	1/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	18.8
Location	33.869446292272144, -117.99713638614779
County	Orange
City	Buena Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5798
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

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
Single Family Housing	12.0	Dwelling Unit	4.00	23,400	140,554	—	36.0	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.22	0.22	1.93	12.1	0.02	0.04	0.07	0.11	0.04	0.02	0.05	—	2,177	2,177	0.09	0.02	0.35	2,187
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.41	8.14	3.07	21.3	0.03	0.07	3.30	3.37	0.07	1.59	1.66	—	3,864	3,864	0.15	0.04	0.02	3,879
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.16	0.41	1.42	8.70	0.01	0.03	0.14	0.16	0.03	0.05	0.08	—	1,570	1,570	0.06	0.02	0.12	1,577
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.03	0.08	0.26	1.59	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	260	260	0.01	< 0.005	0.02	261

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	0.22	0.22	1.93	12.1	0.02	0.04	0.07	0.11	0.04	0.02	0.05	—	2,177	2,177	0.09	0.02	0.35	2,187
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.41	0.40	3.07	21.3	0.03	0.07	3.30	3.37	0.07	1.59	1.66	—	3,864	3,864	0.15	0.04	0.02	3,879
2025	0.22	8.14	1.93	12.0	0.02	0.04	0.20	0.22	0.04	0.05	0.07	—	2,172	2,172	0.09	0.02	0.02	2,182
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.16	0.16	1.42	8.70	0.01	0.03	0.14	0.16	0.03	0.05	0.08	—	1,570	1,570	0.06	0.02	0.12	1,577
2025	0.01	0.41	0.08	0.54	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	90.4	90.4	< 0.005	< 0.005	0.02	90.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.03	0.03	0.26	1.59	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	260	260	0.01	< 0.005	0.02	261
2025	< 0.005	0.08	0.01	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	< 0.005	15.0

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	0.21	0.21	3.02	10.2	0.02	0.03	—	0.03	0.03	—	0.03	—	1,875	1,875	0.08	0.02	—	1,882
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.17	0.56	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	103	103	< 0.005	< 0.005	—	103
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.0	17.0	< 0.005	< 0.005	—	17.1
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.26
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	—	1.19	1.19	< 0.005	< 0.005	< 0.005	1.20
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

3.3. 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	0.35	0.35	1.80	20.6	0.03	0.07	—	0.07	0.07	—	0.07	—	3,670	3,670	0.15	0.03	—	3,683
Dust From Material Movement	—	—	—	—	—	—	3.10	3.10	—	1.55	1.55	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.3	50.3	< 0.005	< 0.005	—	50.5
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.32	8.32	< 0.005	< 0.005	—	8.35
Dust From Material Movement	—	—	—	—	—	—	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.78	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	193	193	< 0.005	0.01	0.02	196
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.69	2.69	< 0.005	< 0.005	< 0.005	2.72
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.45
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

3.5. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.24	1.24	14.7	0.02	0.05	—	0.05	0.05	—	0.05	—	2,526	2,526	0.10	0.02	—	2,535
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	55.4	55.4	< 0.005	< 0.005	—	55.6
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.17	9.17	< 0.005	< 0.005	—	9.20
Dust From Material Movement	—	—	—	—	—	—	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

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.87	2.87	< 0.005	< 0.005	0.01	2.90
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.47	0.47	< 0.005	< 0.005	< 0.005	0.48
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

3.7. 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	0.20	0.20	1.87	11.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,077	2,077	0.08	0.02	—	2,084

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	0.20	0.20	1.87	11.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,077	2,077	0.08	0.02	—	2,084
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	0.12	0.12	1.16	7.32	0.01	0.02	—	0.02	0.02	—	0.02	—	1,288	1,288	0.05	0.01	—	1,293
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.21	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	213	213	0.01	< 0.005	—	214
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	58.5	58.5	< 0.005	< 0.005	0.24	59.4
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.6	41.6	< 0.005	0.01	0.11	43.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.22	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	55.7	55.7	< 0.005	< 0.005	0.01	56.4
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.6	41.6	< 0.005	0.01	< 0.005	43.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

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	—	35.0	35.0	< 0.005	< 0.005	0.06	35.5
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.8	25.8	< 0.005	< 0.005	0.03	26.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.80	5.80	< 0.005	< 0.005	0.01	5.88
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.27	4.27	< 0.005	< 0.005	< 0.005	4.45
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (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	0.20	0.20	1.87	11.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,077	2,077	0.08	0.02	—	2,084
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.4	24.4	< 0.005	< 0.005	—	24.5
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	< 0.005	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.04	4.04	< 0.005	< 0.005	—	4.05
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	54.6	54.6	< 0.005	< 0.005	0.01	55.2
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.9	40.9	< 0.005	0.01	< 0.005	42.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.65	0.65	< 0.005	< 0.005	< 0.005	0.66
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.48	0.48	< 0.005	< 0.005	< 0.005	0.50
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.11	0.11	< 0.005	< 0.005	< 0.005	0.11
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2025) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	1.03	7.20	0.01	0.02	—	0.02	0.02	—	0.02	—	1,113	1,113	0.05	0.01	—	1,117
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.9	54.9	< 0.005	< 0.005	—	55.1
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.09	9.09	< 0.005	< 0.005	—	9.12
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.06	0.73	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	189	189	< 0.005	0.01	0.02	192
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.47	9.47	< 0.005	< 0.005	0.02	9.60
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	—	1.57	1.57	< 0.005	< 0.005	< 0.005	1.59
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	8.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	< 0.005	11.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.55	0.55	< 0.005	< 0.005	< 0.005	0.55
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.09	0.09	< 0.005	< 0.005	< 0.005	0.09
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	1/29/2024	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2024	2/6/2024	5.00	5.00	—
Grading	Grading	2/7/2024	2/18/2024	5.00	8.00	—
Building Construction	Building Construction	2/19/2024	1/6/2025	5.00	230	—
Paving	Paving	1/7/2025	2/1/2025	5.00	18.0	—
Architectural Coating	Architectural Coating	2/2/2025	2/27/2025	5.00	18.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	7.00	33.0	0.73
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	7.00	367	0.40

Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Site Preparation	Graders	Diesel	Tier 4 Final	1.00	7.00	148	0.41
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Tier 4 Final	2.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	1.00	7.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37

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	10.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT

Site Preparation	—	—	—	—
Site Preparation	Worker	15.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	4.32	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	1.28	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	0.86	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	47,385	15,795	0.00	0.00	—

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)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	6.56	0.00	—
Grading	—	—	8.00	0.00	—
Paving	0.00	0.00	0.00	0.00	0.13

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
Single Family Housing	0.13	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
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	9.66	annual days of extreme heat
Extreme Precipitation	4.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

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

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

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

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	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	1	1	1	2
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	48.5
AQ-PM	80.9
AQ-DPM	91.5
Drinking Water	48.6
Lead Risk Housing	79.3

Pesticides	0.00
Toxic Releases	85.9
Traffic	87.4
Effect Indicators	—
CleanUp Sites	82.1
Groundwater	64.5
Haz Waste Facilities/Generators	64.6
Impaired Water Bodies	58.7
Solid Waste	75.7
Sensitive Population	—
Asthma	58.2
Cardio-vascular	47.8
Low Birth Weights	31.1
Socioeconomic Factor Indicators	—
Education	81.9
Housing	90.9
Linguistic	88.3
Poverty	77.2
Unemployment	81.7

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	41.46028487
Employed	19.02989863
Median HI	38.2137816

Education	—
Bachelor's or higher	45.52803798
High school enrollment	100
Preschool enrollment	21.73745669
Transportation	—
Auto Access	58.83485179
Active commuting	47.79930707
Social	—
2-parent households	65.35352239
Voting	1.93763634
Neighborhood	—
Alcohol availability	26.08751444
Park access	12.22892339
Retail density	87.29629154
Supermarket access	10.21429488
Tree canopy	19.47901963
Housing	—
Homeownership	7.943025792
Housing habitability	24.16271012
Low-inc homeowner severe housing cost burden	91.91582189
Low-inc renter severe housing cost burden	57.48748877
Uncrowded housing	9.277556782
Health Outcomes	—
Insured adults	26.25433081
Arthritis	91.8
Asthma ER Admissions	33.8
High Blood Pressure	83.5

Cancer (excluding skin)	89.7
Asthma	51.9
Coronary Heart Disease	87.2
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	60.0
Life Expectancy at Birth	61.7
Cognitively Disabled	41.3
Physically Disabled	30.9
Heart Attack ER Admissions	45.5
Mental Health Not Good	39.8
Chronic Kidney Disease	73.0
Obesity	61.1
Pedestrian Injuries	39.8
Physical Health Not Good	46.9
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	40.3
Current Smoker	40.7
No Leisure Time for Physical Activity	33.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	6.4
Elderly	94.7
English Speaking	9.4
Foreign-born	75.6
Outdoor Workers	33.5

Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.2
Traffic Density	88.4
Traffic Access	63.7
Other Indices	—
Hardship	72.4
Other Decision Support	—
2016 Voting	21.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	92.0
Healthy Places Index Score for Project Location (b)	26.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	4 acre scenario
Construction: Off-Road Equipment	Construction equipment consistent with SCAQMD LST 4 acre example

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APPENDIX 2.5:

CALEEMOD OUTPUTS – 5-ACRE SCENARIO

14635 Construction 5ac Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14635 Construction 5ac
Construction Start Date	1/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	18.8
Location	33.87103481833718, -117.99660841318413
County	Orange
City	Buena Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5798
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

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
Single Family Housing	15.0	Dwelling Unit	5.00	29,250	175,693	—	45.0	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.26	0.25	2.11	14.7	0.02	0.04	0.08	0.13	0.04	0.02	0.06	—	2,523	2,523	0.10	0.03	0.44	2,534
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.51	9.16	3.07	25.7	0.04	0.09	4.70	4.79	0.09	2.35	2.44	—	4,859	4,859	0.19	0.05	0.03	4,878
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.20	0.53	1.54	10.9	0.02	0.03	0.30	0.34	0.03	0.13	0.16	—	1,884	1,884	0.08	0.02	0.15	1,893
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.04	0.10	0.28	1.98	< 0.005	0.01	0.06	0.06	0.01	0.02	0.03	—	312	312	0.01	< 0.005	0.03	313

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	0.26	0.25	2.11	14.7	0.02	0.04	0.08	0.13	0.04	0.02	0.06	—	2,523	2,523	0.10	0.03	0.44	2,534
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.51	0.50	3.07	25.7	0.04	0.09	4.70	4.79	0.09	2.35	2.44	—	4,859	4,859	0.19	0.05	0.03	4,878
2025	0.26	9.16	2.11	14.6	0.02	0.04	0.23	0.25	0.04	0.05	0.08	—	2,517	2,517	0.10	0.03	0.02	2,528
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.20	0.19	1.54	10.9	0.02	0.03	0.30	0.34	0.03	0.13	0.16	—	1,884	1,884	0.08	0.02	0.15	1,893
2025	0.03	0.53	0.19	1.37	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	231	231	0.01	< 0.005	0.03	232
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.04	0.03	0.28	1.98	< 0.005	0.01	0.06	0.06	0.01	0.02	0.03	—	312	312	0.01	< 0.005	0.03	313
2025	< 0.005	0.10	0.04	0.25	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	38.2	38.2	< 0.005	< 0.005	0.01	38.4

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	0.21	0.21	3.02	10.2	0.02	0.03	—	0.03	0.03	—	0.03	—	1,875	1,875	0.08	0.02	—	1,882
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.17	0.56	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	103	103	< 0.005	< 0.005	—	103
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.0	17.0	< 0.005	< 0.005	—	17.1
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.26
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	—	1.19	1.19	< 0.005	< 0.005	< 0.005	1.20
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

3.3. 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	0.44	0.44	2.27	24.8	0.04	0.09	—	0.09	0.09	—	0.09	—	4,634	4,634	0.19	0.04	—	4,650
Dust From Material Movement	—	—	—	—	—	—	4.47	4.47	—	2.30	2.30	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.68	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	127	127	0.01	< 0.005	—	127
Dust From Material Movement	—	—	—	—	—	—	0.12	0.12	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.0	21.0	< 0.005	< 0.005	—	21.1
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.08	0.91	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	226	226	< 0.005	0.01	0.03	228
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.27	6.27	< 0.005	< 0.005	0.01	6.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.05
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

3.5. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.32	1.66	20.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,384	3,384	0.14	0.03	—	3,396
Dust From Material Movement	—	—	—	—	—	—	1.98	1.98	—	0.91	0.91	—	—	—	—	—	—	—
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	0.02	0.02	0.09	1.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	185	185	0.01	< 0.005	—	186
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	30.7	30.7	< 0.005	< 0.005	—	30.8
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.78	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	193	193	< 0.005	0.01	0.02	196
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.7	10.7	< 0.005	< 0.005	0.02	10.9
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	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.78	1.78	< 0.005	< 0.005	< 0.005	1.80
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

3.7. 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	0.23	0.23	2.03	14.3	0.02	0.04	—	0.04	0.04	—	0.04	—	2,398	2,398	0.10	0.02	—	2,406

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.23	2.03	14.3	0.02	0.04	—	0.04	0.04	—	0.04	—	2,398	2,398	0.10	0.02	—	2,406
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	0.13	0.13	1.16	8.20	0.01	0.02	—	0.02	0.02	—	0.02	—	1,375	1,375	0.06	0.01	—	1,379
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.21	1.50	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	228	228	0.01	< 0.005	—	228
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.32	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	73.2	73.2	< 0.005	< 0.005	0.30	74.3
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.9	51.9	< 0.005	0.01	0.14	54.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.28	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	69.6	69.6	< 0.005	< 0.005	0.01	70.5
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	52.0	52.0	< 0.005	0.01	< 0.005	54.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	40.5	40.5	< 0.005	< 0.005	0.07	41.0
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	29.8	29.8	< 0.005	< 0.005	0.03	31.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.70	6.70	< 0.005	< 0.005	0.01	6.79
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.93	4.93	< 0.005	< 0.005	0.01	5.15
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (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	0.23	0.23	2.03	14.3	0.02	0.04	—	0.04	0.04	—	0.04	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.12	0.84	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.02	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.3	23.3	< 0.005	< 0.005	—	23.4
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	0.02	0.02	0.02	0.26	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	68.2	68.2	< 0.005	< 0.005	0.01	69.0
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.1	51.1	< 0.005	0.01	< 0.005	53.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.06	4.06	< 0.005	< 0.005	0.01	4.11
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.00	3.00	< 0.005	< 0.005	< 0.005	3.13
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.67	0.67	< 0.005	< 0.005	< 0.005	0.68
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.52
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (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	0.12	0.12	1.18	8.37	0.01	0.02	—	0.02	0.02	—	0.02	—	1,280	1,280	0.05	0.01	—	1,284
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	70.1	70.1	< 0.005	< 0.005	—	70.4
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.6	11.6	< 0.005	< 0.005	—	11.6
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.85	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	221	221	< 0.005	0.01	0.02	224
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.02	12.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.03	2.03	< 0.005	< 0.005	< 0.005	2.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	9.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.6	13.6	< 0.005	< 0.005	< 0.005	13.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.76	0.76	< 0.005	< 0.005	< 0.005	0.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.13
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	1/29/2024	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2024	2/13/2024	5.00	10.0	—
Grading	Grading	2/14/2024	3/13/2024	5.00	20.0	—
Building Construction	Building Construction	3/14/2024	1/30/2025	5.00	230	—
Paving	Paving	1/31/2025	2/28/2025	5.00	20.0	—
Architectural Coating	Architectural Coating	3/1/2025	3/29/2025	5.00	20.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	7.00	33.0	0.73
Demolition	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	7.00	367	0.40

Site Preparation	Tractors/Loaders/Backh	Diesel	Tier 4 Final	4.00	7.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Tier 4 Final	2.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	6.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37

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	10.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—

Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	5.40	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	1.60	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	17.5	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	1.08	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	59,231	19,744	0.00	0.00	—

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)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	13.1	0.00	—
Grading	—	—	30.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.17

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
Single Family Housing	0.17	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
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	9.66	annual days of extreme heat
Extreme Precipitation	4.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

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

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

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

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	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	1	1	1	2
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	48.5
AQ-PM	80.9
AQ-DPM	91.5
Drinking Water	48.6
Lead Risk Housing	79.3

Pesticides	0.00
Toxic Releases	85.9
Traffic	87.4
Effect Indicators	—
CleanUp Sites	82.1
Groundwater	64.5
Haz Waste Facilities/Generators	64.6
Impaired Water Bodies	58.7
Solid Waste	75.7
Sensitive Population	—
Asthma	58.2
Cardio-vascular	47.8
Low Birth Weights	31.1
Socioeconomic Factor Indicators	—
Education	81.9
Housing	90.9
Linguistic	88.3
Poverty	77.2
Unemployment	81.7

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	41.46028487
Employed	19.02989863
Median HI	38.2137816

Education	—
Bachelor's or higher	45.52803798
High school enrollment	100
Preschool enrollment	21.73745669
Transportation	—
Auto Access	58.83485179
Active commuting	47.79930707
Social	—
2-parent households	65.35352239
Voting	1.93763634
Neighborhood	—
Alcohol availability	26.08751444
Park access	12.22892339
Retail density	87.29629154
Supermarket access	10.21429488
Tree canopy	19.47901963
Housing	—
Homeownership	7.943025792
Housing habitability	24.16271012
Low-inc homeowner severe housing cost burden	91.91582189
Low-inc renter severe housing cost burden	57.48748877
Uncrowded housing	9.277556782
Health Outcomes	—
Insured adults	26.25433081
Arthritis	91.8
Asthma ER Admissions	33.8
High Blood Pressure	83.5

Cancer (excluding skin)	89.7
Asthma	51.9
Coronary Heart Disease	87.2
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	60.0
Life Expectancy at Birth	61.7
Cognitively Disabled	41.3
Physically Disabled	30.9
Heart Attack ER Admissions	45.5
Mental Health Not Good	39.8
Chronic Kidney Disease	73.0
Obesity	61.1
Pedestrian Injuries	39.8
Physical Health Not Good	46.9
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	40.3
Current Smoker	40.7
No Leisure Time for Physical Activity	33.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	6.4
Elderly	94.7
English Speaking	9.4
Foreign-born	75.6
Outdoor Workers	33.5

Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.2
Traffic Density	88.4
Traffic Access	63.7
Other Indices	—
Hardship	72.4
Other Decision Support	—
2016 Voting	21.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	92.0
Healthy Places Index Score for Project Location (b)	26.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	5 acre construction scenario
Construction: Off-Road Equipment	Construction equipment consistent with SCAQMD LST 5 acre example

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APPENDIX 2.6:

EMFAC EMISSIONS SUMMARY – I-5

AVERAGE EMISSION FACTOR - CO
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.028109	0.322071	0.355212	0.159416	0.408624	0.241671	7.540318	0.402938	0.100711	0.039221	0.150403	0.096468	0.665902355

Speed	Weighted Average Emissions
65	0.49203

Truck Emission Rates (I-5)					
Source	AADT	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
I-5 at Beach Boulevard	213400	434187.45	0.4920	213631.22	2.473E+00
^a Vehicle miles traveled are for modeled truck route only. ^b Emission rates determined using EMFAC 2021. ^c This column includes the total truck travel emissions.					

calendar_y	season_m	sub_area	vehicle_class	fuel	temperature	relative_humidity	process	speed_tmi	pollutant	emission_rate
2045	Annual	Orange	SC HHDT	Dsl	60	70	RUNEX	65	CO	0.023194
2045	Annual	Orange	SC HHDT	Gas	60	70	RUNEX	65	CO	22.15968
2045	Annual	Orange	SC LDA	Dsl	60	70	RUNEX	65	CO	0.073087
2045	Annual	Orange	SC LDA	Gas	60	70	RUNEX	65	CO	0.322232
2045	Annual	Orange	SC LDT1	Dsl	60	70	RUNEX	65	CO	0.070979
2045	Annual	Orange	SC LDT1	Gas	60	70	RUNEX	65	CO	0.355215
2045	Annual	Orange	SC LDT2	Dsl	60	70	RUNEX	65	CO	0.070139
2045	Annual	Orange	SC LDT2	Gas	60	70	RUNEX	65	CO	0.383523
2045	Annual	Orange	SC LHDT1	Dsl	60	70	RUNEX	65	CO	0.043117
2045	Annual	Orange	SC LHDT1	Gas	60	70	RUNEX	65	CO	0.689842
2045	Annual	Orange	SC LHDT2	Dsl	60	70	RUNEX	65	CO	0.057889
2045	Annual	Orange	SC LHDT2	Gas	60	70	RUNEX	65	CO	0.703009
2045	Annual	Orange	SC MCY	Gas	60	70	RUNEX	65	CO	7.540318
2045	Annual	Orange	SC MDV	Dsl	60	70	RUNEX	65	CO	0.080672
2045	Annual	Orange	SC MDV	Gas	60	70	RUNEX	65	CO	0.406479
2045	Annual	Orange	SC MH	Dsl	60	70	RUNEX	65	CO	0.079951
2045	Annual	Orange	SC MH	Gas	60	70	RUNEX	65	CO	0.114742
2045	Annual	Orange	SC MHDT	Dsl	60	70	RUNEX	65	CO	2.80E-02
2045	Annual	Orange	SC MHDT	Gas	60	70	RUNEX	65	CO	0.133638
2045	Annual	Orange	SC OBUS	Dsl	60	70	RUNEX	65	CO	0.053158
2045	Annual	Orange	SC OBUS	Gas	60	70	RUNEX	65	CO	0.263861
2045	Annual	Orange	SC SBUS	Dsl	60	70	RUNEX	65	CO	0.03839
2045	Annual	Orange	SC SBUS	Gas	60	70	RUNEX	65	CO	0.134234
2045	Annual	Orange	SC UBUS	Gas	60	70	RUNEX	65	CO	0.665902

AVERAGE EMISSION FACTOR - NOX
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	1.145517	0.017842	0.020499	0.02018	0.086992	0.184673	0.433792	0.024137	0.704682	0.213395	0.511311	0.273007	0.019898443

Speed	Weighted Average Emissions
65	0.04517

Truck Emission Rates (I-5)					
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
I-5 at Beach Boulevard	213400	434187.45	0.0452	19610.78	2.270E-01
^a Vehicle miles traveled are for modeled truck route only. ^b Emission rates determined using EMFAC 2021. ^c This column includes the total truck travel emissions.					

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange	SC HHDT	Dsl	60	70	RUNEX	65	NOx	1.145335
2045	Annual	Orange	SC HHDT	Gas	60	70	RUNEX	65	NOx	1.96508
2045	Annual	Orange	SC LDA	Dsl	60	70	RUNEX	65	NOx	0.010124
2045	Annual	Orange	SC LDA	Gas	60	70	RUNEX	65	NOx	0.017847
2045	Annual	Orange	SC LDT1	Dsl	60	70	RUNEX	65	NOx	0.019484
2045	Annual	Orange	SC LDT1	Gas	60	70	RUNEX	65	NOx	0.020499
2045	Annual	Orange	SC LDT2	Dsl	60	70	RUNEX	65	NOx	0.019795
2045	Annual	Orange	SC LDT2	Gas	60	70	RUNEX	65	NOx	0.021148
2045	Annual	Orange	SC LHDT1	Dsl	60	70	RUNEX	65	NOx	0.174073
2045	Annual	Orange	SC LHDT1	Gas	60	70	RUNEX	65	NOx	0.019992
2045	Annual	Orange	SC LHDT2	Dsl	60	70	RUNEX	65	NOx	0.247815
2045	Annual	Orange	SC LHDT2	Gas	60	70	RUNEX	65	NOx	0.02617
2045	Annual	Orange	SC MCY	Gas	60	70	RUNEX	65	NOx	0.433792
2045	Annual	Orange	SC MDV	Dsl	60	70	RUNEX	65	NOx	0.011184
2045	Annual	Orange	SC MDV	Gas	60	70	RUNEX	65	NOx	0.024279
2045	Annual	Orange	SC MH	Dsl	60	70	RUNEX	65	NOx	1.490168
2045	Annual	Orange	SC MH	Gas	60	70	RUNEX	65	NOx	0.173807
2045	Annual	Orange	SC MHDT	Dsl	60	70	RUNEX	65	NOx	2.31E-01
2045	Annual	Orange	SC MHDT	Gas	60	70	RUNEX	65	NOx	0.066392
2045	Annual	Orange	SC OBUS	Dsl	60	70	RUNEX	65	NOx	0.768315
2045	Annual	Orange	SC OBUS	Gas	60	70	RUNEX	65	NOx	0.21146
2045	Annual	Orange	SC SBUS	Dsl	60	70	RUNEX	65	NOx	0.49039
2045	Annual	Orange	SC SBUS	Gas	60	70	RUNEX	65	NOx	0.131649
2045	Annual	Orange	SC UBUS	Gas	60	70	RUNEX	65	NOx	0.019898

AVERAGE EMISSION FACTOR - PM10
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.1417	0.010396	0.011083	0.013003	0.092525	0.110557	0.018015	0.011076	0.066703	0.060052	0.075187	0.055779	0.100202625

Speed	Weighted Average Emissions
65	0.01541

Truck Emission Rates (I-5)					
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
I-5 at Beach Boulevard	213400	434187.45	0.0154	6692.47	7.746E-02
^a Vehicle miles traveled are for modeled truck route only. ^b Emission rates determined using EMFAC 2021. ^c This column includes the total truck travel emissions.					

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	PM10	0.031603
2045	Annual	Orange (SC	HHDT	Dsl			PMBW	65	PM10	0.07485
2045	Annual	Orange (SC	HHDT	Gas	60	70	RUNEX	65	PM10	0.001024
2045	Annual	Orange (SC	HHDT	Gas			PMBW	65	PM10	0.076167
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	PM10	0.000831
2045	Annual	Orange (SC	LDA	Dsl			PMBW	65	PM10	0.001938
2045	Annual	Orange (SC	LDA	Gas	60	70	RUNEX	65	PM10	0.000463
2045	Annual	Orange (SC	LDA	Gas			PMBW	65	PM10	0.001933
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	PM10	0.003308
2045	Annual	Orange (SC	LDT1	Dsl			PMBW	65	PM10	0.002534
2045	Annual	Orange (SC	LDT1	Gas	60	70	RUNEX	65	PM10	0.000522
2045	Annual	Orange (SC	LDT1	Gas			PMBW	65	PM10	0.002561
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	PM10	0.003279
2045	Annual	Orange (SC	LDT2	Dsl			PMBW	65	PM10	0.002521
2045	Annual	Orange (SC	LDT2	Gas	60	70	RUNEX	65	PM10	0.00048
2045	Annual	Orange (SC	LDT2	Gas			PMBW	65	PM10	0.002521
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	PM10	0.009468
2045	Annual	Orange (SC	LHDT1	Dsl			PMBW	65	PM10	0.078
2045	Annual	Orange (SC	LHDT1	Gas	60	70	RUNEX	65	PM10	0.001183
2045	Annual	Orange (SC	LHDT1	Gas			PMBW	65	PM10	0.078
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	PM10	1.17E-02
2045	Annual	Orange (SC	LHDT2	Dsl			PMBW	65	PM10	0.091
2045	Annual	Orange (SC	LHDT2	Gas	60	70	RUNEX	65	PM10	0.001171
2045	Annual	Orange (SC	LHDT2	Gas			PMBW	65	PM10	0.091
2045	Annual	Orange (SC	MCY	Gas	60	70	RUNEX	65	PM10	0.002015
2045	Annual	Orange (SC	MCY	Gas			PMBW	65	PM10	0.012
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	PM10	0.000897
2045	Annual	Orange (SC	MDV	Dsl			PMBW	65	PM10	0.00258
2045	Annual	Orange (SC	MDV	Gas	60	70	RUNEX	65	PM10	0.000497
2045	Annual	Orange (SC	MDV	Gas			PMBW	65	PM10	0.002574
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	PM10	0.027035
2045	Annual	Orange (SC	MH	Dsl			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	MH	Gas	60	70	RUNEX	65	PM10	0.001008
2045	Annual	Orange (SC	MH	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	PM10	0.007118
2045	Annual	Orange (SC	MHDT	Dsl			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	MHDT	Gas	60	70	RUNEX	65	PM10	0.001006
2045	Annual	Orange (SC	MHDT	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	PM10	0.023043
2045	Annual	Orange (SC	OBUS	Dsl			PMBW	65	PM10	0.057827
2045	Annual	Orange (SC	OBUS	Gas	60	70	RUNEX	65	PM10	0.000971
2045	Annual	Orange (SC	OBUS	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	PM10	0.010248
2045	Annual	Orange (SC	SBUS	Dsl			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	SBUS	Gas	60	70	RUNEX	65	PM10	0.000957
2045	Annual	Orange (SC	SBUS	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	UBUS	Gas	60	70	RUNEX	65	PM10	0.001203
2045	Annual	Orange (SC	UBUS	Gas			PMBW	65	PM10	0.091

AVERAGE EMISSION FACTOR - PM2.5
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.06524	0.003102	0.003376	0.005252	0.034288	0.042873	0.007079	0.003362	0.028942	0.023738	0.032899	0.021346	0.034955769

Speed	Weighted Average Emissions
65	0.00547

Truck Emission Rates (I-5)					
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
I-5 at Beach Boulevard	213400	434187.45	0.0055	2374.83	2.749E-02
^a Vehicle miles traveled are for modeled truck route only. ^b Emission rates determined using EMFAC 2021. ^c This column includes the total truck travel emissions.					

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	PM2_5	0.030236
2045	Annual	Orange (SC	HHDT	Dsl			PMBW	65	PM2_5	0.026197
2045	Annual	Orange (SC	HHDT	Gas	60	70	RUNEX	65	PM2_5	0.000942
2045	Annual	Orange (SC	HHDT	Gas			PMBW	65	PM2_5	0.026658
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	PM2_5	0.000795
2045	Annual	Orange (SC	LDA	Dsl			PMBW	65	PM2_5	0.000678
2045	Annual	Orange (SC	LDA	Gas	60	70	RUNEX	65	PM2_5	0.000426
2045	Annual	Orange (SC	LDA	Gas			PMBW	65	PM2_5	0.000677
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	PM2_5	0.003165
2045	Annual	Orange (SC	LDT1	Dsl			PMBW	65	PM2_5	0.000887
2045	Annual	Orange (SC	LDT1	Gas	60	70	RUNEX	65	PM2_5	0.00048
2045	Annual	Orange (SC	LDT1	Gas			PMBW	65	PM2_5	0.000896
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	PM2_5	0.003137
2045	Annual	Orange (SC	LDT2	Dsl			PMBW	65	PM2_5	0.000882
2045	Annual	Orange (SC	LDT2	Gas	60	70	RUNEX	65	PM2_5	0.000442
2045	Annual	Orange (SC	LDT2	Gas			PMBW	65	PM2_5	0.000882
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	PM2_5	0.009058
2045	Annual	Orange (SC	LHDT1	Dsl			PMBW	65	PM2_5	0.0273
2045	Annual	Orange (SC	LHDT1	Gas	60	70	RUNEX	65	PM2_5	0.001088
2045	Annual	Orange (SC	LHDT1	Gas			PMBW	65	PM2_5	0.0273
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	PM2_5	1.12E-02
2045	Annual	Orange (SC	LHDT2	Dsl			PMBW	65	PM2_5	0.03185
2045	Annual	Orange (SC	LHDT2	Gas	60	70	RUNEX	65	PM2_5	0.001076
2045	Annual	Orange (SC	LHDT2	Gas			PMBW	65	PM2_5	0.03185
2045	Annual	Orange (SC	MCY	Gas	60	70	RUNEX	65	PM2_5	0.001879
2045	Annual	Orange (SC	MCY	Gas			PMBW	65	PM2_5	0.0042
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	PM2_5	0.000858
2045	Annual	Orange (SC	MDV	Dsl			PMBW	65	PM2_5	0.000903
2045	Annual	Orange (SC	MDV	Gas	60	70	RUNEX	65	PM2_5	0.000457
2045	Annual	Orange (SC	MDV	Gas			PMBW	65	PM2_5	0.000901
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	PM2_5	0.025866
2045	Annual	Orange (SC	MH	Dsl			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	MH	Gas	60	70	RUNEX	65	PM2_5	0.000926
2045	Annual	Orange (SC	MH	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	PM2_5	0.00681
2045	Annual	Orange (SC	MHDT	Dsl			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	MHDT	Gas	60	70	RUNEX	65	PM2_5	0.000925
2045	Annual	Orange (SC	MHDT	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	PM2_5	0.022046
2045	Annual	Orange (SC	OBUS	Dsl			PMBW	65	PM2_5	0.02024
2045	Annual	Orange (SC	OBUS	Gas	60	70	RUNEX	65	PM2_5	0.000893
2045	Annual	Orange (SC	OBUS	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	PM2_5	0.009804
2045	Annual	Orange (SC	SBUS	Dsl			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	SBUS	Gas	60	70	RUNEX	65	PM2_5	0.00088
2045	Annual	Orange (SC	SBUS	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	UBUS	Gas	60	70	RUNEX	65	PM2_5	0.001106
2045	Annual	Orange (SC	UBUS	Gas			PMBW	65	PM2_5	0.03185

AVERAGE EMISSION FACTOR - DPM
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.031596	5.36E-07	3.62E-08	0.002345	0.004117	0.008363	0	9.75E-06	0.010903	0.00636	0.012408	0.004038	0

Speed	Weighted Average Emissions
65	0.00107

Truck Emission Rates (I-5)					
Source	AADT	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
I-5 at Beach Boulevard	213400	434187.45	0.0011	464.96	5.381E-03
^a Vehicle miles traveled are for modeled truck route only. ^b Emission rates determined using EMFAC 2021. ^c This column includes the total truck travel emissions.					

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	PM10	0.031603
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	PM10	0.000831
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	PM10	0.003308
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	PM10	0.003279
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	PM10	0.009468
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	PM10	1.17E-02
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	PM10	0.000897
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	PM10	0.027035
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	PM10	0.007118
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	PM10	0.023043
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	PM10	0.010248

APPENDIX 2.7:

EMFAC EMISSIONS SUMMARY – CA-91

AVERAGE EMISSION FACTOR - CO
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.028109	0.322071	0.355212	0.159416	0.408624	0.241671	7.540318	0.402938	0.100711	0.039221	0.150403	0.096468	0.665902355

Speed	Weighted Average Emissions
65	0.49203

Truck Emission Rates (CA-91)					
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
CA-91 at Beach Boulevard	312700	858759.96	0.4920	422531.65	4.890E+00
^a Vehicle miles traveled are for modeled truck route only.					
^b Emission rates determined using EMFAC 2021.					
^c This column includes the total truck travel emissions.					

calendar_y	season_m	sub_area	vehicle_class	fuel	temperature	relative_humidity	process	speed_tmi	pollutant	emission_rate
2045	Annual	Orange	SC HHDT	Dsl	60	70	RUNEX	65	CO	0.023194
2045	Annual	Orange	SC HHDT	Gas	60	70	RUNEX	65	CO	22.15968
2045	Annual	Orange	SC LDA	Dsl	60	70	RUNEX	65	CO	0.073087
2045	Annual	Orange	SC LDA	Gas	60	70	RUNEX	65	CO	0.322232
2045	Annual	Orange	SC LDT1	Dsl	60	70	RUNEX	65	CO	0.070979
2045	Annual	Orange	SC LDT1	Gas	60	70	RUNEX	65	CO	0.355215
2045	Annual	Orange	SC LDT2	Dsl	60	70	RUNEX	65	CO	0.070139
2045	Annual	Orange	SC LDT2	Gas	60	70	RUNEX	65	CO	0.383523
2045	Annual	Orange	SC LHDT1	Dsl	60	70	RUNEX	65	CO	0.043117
2045	Annual	Orange	SC LHDT1	Gas	60	70	RUNEX	65	CO	0.689842
2045	Annual	Orange	SC LHDT2	Dsl	60	70	RUNEX	65	CO	0.057889
2045	Annual	Orange	SC LHDT2	Gas	60	70	RUNEX	65	CO	0.703009
2045	Annual	Orange	SC MCY	Gas	60	70	RUNEX	65	CO	7.540318
2045	Annual	Orange	SC MDV	Dsl	60	70	RUNEX	65	CO	0.080672
2045	Annual	Orange	SC MDV	Gas	60	70	RUNEX	65	CO	0.406479
2045	Annual	Orange	SC MH	Dsl	60	70	RUNEX	65	CO	0.079951
2045	Annual	Orange	SC MH	Gas	60	70	RUNEX	65	CO	0.114742
2045	Annual	Orange	SC MHDT	Dsl	60	70	RUNEX	65	CO	2.80E-02
2045	Annual	Orange	SC MHDT	Gas	60	70	RUNEX	65	CO	0.133638
2045	Annual	Orange	SC OBUS	Dsl	60	70	RUNEX	65	CO	0.053158
2045	Annual	Orange	SC OBUS	Gas	60	70	RUNEX	65	CO	0.263861
2045	Annual	Orange	SC SBUS	Dsl	60	70	RUNEX	65	CO	0.03839
2045	Annual	Orange	SC SBUS	Gas	60	70	RUNEX	65	CO	0.134234
2045	Annual	Orange	SC UBUS	Gas	60	70	RUNEX	65	CO	0.665902

AVERAGE EMISSION FACTOR - NOX
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	1.145517	0.017842	0.020499	0.02018	0.086992	0.184673	0.433792	0.024137	0.704682	0.213395	0.511311	0.273007	0.019898443

Speed	Weighted Average Emissions
65	0.04517

Truck Emission Rates (CA-91)					
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
CA-91 at Beach Boulevard	321000	881554.04	0.0452	39816.81	4.608E-01
^a Vehicle miles traveled are for modeled truck route only.					
^b Emission rates determined using EMFAC 2021.					
^c This column includes the total truck travel emissions.					

calendar_y	season_m	sub_area	vehicle_class	fuel	temperature	relative_humidity	process	speed_time	pollutant	emission_rate
2045	Annual	Orange	SC HHDT	Dsl	60	70	RUNEX	65	NOx	1.145335
2045	Annual	Orange	SC HHDT	Gas	60	70	RUNEX	65	NOx	1.96508
2045	Annual	Orange	SC LDA	Dsl	60	70	RUNEX	65	NOx	0.010124
2045	Annual	Orange	SC LDA	Gas	60	70	RUNEX	65	NOx	0.017847
2045	Annual	Orange	SC LDT1	Dsl	60	70	RUNEX	65	NOx	0.019484
2045	Annual	Orange	SC LDT1	Gas	60	70	RUNEX	65	NOx	0.020499
2045	Annual	Orange	SC LDT2	Dsl	60	70	RUNEX	65	NOx	0.019795
2045	Annual	Orange	SC LDT2	Gas	60	70	RUNEX	65	NOx	0.021148
2045	Annual	Orange	SC LHDT1	Dsl	60	70	RUNEX	65	NOx	0.174073
2045	Annual	Orange	SC LHDT1	Gas	60	70	RUNEX	65	NOx	0.019992
2045	Annual	Orange	SC LHDT2	Dsl	60	70	RUNEX	65	NOx	0.247815
2045	Annual	Orange	SC LHDT2	Gas	60	70	RUNEX	65	NOx	0.02617
2045	Annual	Orange	SC MCY	Gas	60	70	RUNEX	65	NOx	0.433792
2045	Annual	Orange	SC MDV	Dsl	60	70	RUNEX	65	NOx	0.011184
2045	Annual	Orange	SC MDV	Gas	60	70	RUNEX	65	NOx	0.024279
2045	Annual	Orange	SC MH	Dsl	60	70	RUNEX	65	NOx	1.490168
2045	Annual	Orange	SC MH	Gas	60	70	RUNEX	65	NOx	0.173807
2045	Annual	Orange	SC MHDT	Dsl	60	70	RUNEX	65	NOx	2.31E-01
2045	Annual	Orange	SC MHDT	Gas	60	70	RUNEX	65	NOx	0.066392
2045	Annual	Orange	SC OBUS	Dsl	60	70	RUNEX	65	NOx	0.768315
2045	Annual	Orange	SC OBUS	Gas	60	70	RUNEX	65	NOx	0.21146
2045	Annual	Orange	SC SBUS	Dsl	60	70	RUNEX	65	NOx	0.49039
2045	Annual	Orange	SC SBUS	Gas	60	70	RUNEX	65	NOx	0.131649
2045	Annual	Orange	SC UBUS	Gas	60	70	RUNEX	65	NOx	0.019898

AVERAGE EMISSION FACTOR - PM10
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.1417	0.010396	0.011083	0.013003	0.092525	0.110557	0.018015	0.011076	0.066703	0.060052	0.075187	0.055779	0.100202625

Speed	Weighted Average Emissions
65	0.01541

Truck Emission Rates (CA-91)					
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
CA-91 at Beach Boulevard	321000	881554.04	0.0154	13588.08	1.573E-01
^a Vehicle miles traveled are for modeled truck route only.					
^b Emission rates determined using EMFAC 2021.					
^c This column includes the total truck travel emissions.					

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	PM10	0.031603
2045	Annual	Orange (SC	HHDT	Dsl			PMBW	65	PM10	0.07485
2045	Annual	Orange (SC	HHDT	Gas	60	70	RUNEX	65	PM10	0.001024
2045	Annual	Orange (SC	HHDT	Gas			PMBW	65	PM10	0.076167
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	PM10	0.000831
2045	Annual	Orange (SC	LDA	Dsl			PMBW	65	PM10	0.001938
2045	Annual	Orange (SC	LDA	Gas	60	70	RUNEX	65	PM10	0.000463
2045	Annual	Orange (SC	LDA	Gas			PMBW	65	PM10	0.001933
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	PM10	0.003308
2045	Annual	Orange (SC	LDT1	Dsl			PMBW	65	PM10	0.002534
2045	Annual	Orange (SC	LDT1	Gas	60	70	RUNEX	65	PM10	0.000522
2045	Annual	Orange (SC	LDT1	Gas			PMBW	65	PM10	0.002561
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	PM10	0.003279
2045	Annual	Orange (SC	LDT2	Dsl			PMBW	65	PM10	0.002521
2045	Annual	Orange (SC	LDT2	Gas	60	70	RUNEX	65	PM10	0.00048
2045	Annual	Orange (SC	LDT2	Gas			PMBW	65	PM10	0.002521
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	PM10	0.009468
2045	Annual	Orange (SC	LHDT1	Dsl			PMBW	65	PM10	0.078
2045	Annual	Orange (SC	LHDT1	Gas	60	70	RUNEX	65	PM10	0.001183
2045	Annual	Orange (SC	LHDT1	Gas			PMBW	65	PM10	0.078
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	PM10	1.17E-02
2045	Annual	Orange (SC	LHDT2	Dsl			PMBW	65	PM10	0.091
2045	Annual	Orange (SC	LHDT2	Gas	60	70	RUNEX	65	PM10	0.001171
2045	Annual	Orange (SC	LHDT2	Gas			PMBW	65	PM10	0.091
2045	Annual	Orange (SC	MCY	Gas	60	70	RUNEX	65	PM10	0.002015
2045	Annual	Orange (SC	MCY	Gas			PMBW	65	PM10	0.012
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	PM10	0.000897
2045	Annual	Orange (SC	MDV	Dsl			PMBW	65	PM10	0.00258
2045	Annual	Orange (SC	MDV	Gas	60	70	RUNEX	65	PM10	0.000497
2045	Annual	Orange (SC	MDV	Gas			PMBW	65	PM10	0.002574
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	PM10	0.027035
2045	Annual	Orange (SC	MH	Dsl			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	MH	Gas	60	70	RUNEX	65	PM10	0.001008
2045	Annual	Orange (SC	MH	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	PM10	0.007118
2045	Annual	Orange (SC	MHDT	Dsl			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	MHDT	Gas	60	70	RUNEX	65	PM10	0.001006
2045	Annual	Orange (SC	MHDT	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	PM10	0.023043
2045	Annual	Orange (SC	OBUS	Dsl			PMBW	65	PM10	0.057827
2045	Annual	Orange (SC	OBUS	Gas	60	70	RUNEX	65	PM10	0.000971
2045	Annual	Orange (SC	OBUS	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	PM10	0.010248
2045	Annual	Orange (SC	SBUS	Dsl			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	SBUS	Gas	60	70	RUNEX	65	PM10	0.000957
2045	Annual	Orange (SC	SBUS	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	UBUS	Gas	60	70	RUNEX	65	PM10	0.001203
2045	Annual	Orange (SC	UBUS	Gas			PMBW	65	PM10	0.091

AVERAGE EMISSION FACTOR - PM2.5
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.06524	0.003102	0.003376	0.005252	0.034288	0.042873	0.007079	0.003362	0.028942	0.023738	0.032899	0.021346	0.034955769

Speed	Weighted Average Emissions
65	0.00547

Truck Emission Rates (CA-91)					
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
CA-91 at Beach Boulevard	312700	858759.96	0.0055	4697.07	5.436E-02
^a Vehicle miles traveled are for modeled truck route only.					
^b Emission rates determined using EMFAC 2021.					
^c This column includes the total truck travel emissions.					

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	PM2_5	0.030236
2045	Annual	Orange (SC	HHDT	Dsl			PMBW	65	PM2_5	0.026197
2045	Annual	Orange (SC	HHDT	Gas	60	70	RUNEX	65	PM2_5	0.000942
2045	Annual	Orange (SC	HHDT	Gas			PMBW	65	PM2_5	0.026658
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	PM2_5	0.000795
2045	Annual	Orange (SC	LDA	Dsl			PMBW	65	PM2_5	0.000678
2045	Annual	Orange (SC	LDA	Gas	60	70	RUNEX	65	PM2_5	0.000426
2045	Annual	Orange (SC	LDA	Gas			PMBW	65	PM2_5	0.000677
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	PM2_5	0.003165
2045	Annual	Orange (SC	LDT1	Dsl			PMBW	65	PM2_5	0.000887
2045	Annual	Orange (SC	LDT1	Gas	60	70	RUNEX	65	PM2_5	0.00048
2045	Annual	Orange (SC	LDT1	Gas			PMBW	65	PM2_5	0.000896
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	PM2_5	0.003137
2045	Annual	Orange (SC	LDT2	Dsl			PMBW	65	PM2_5	0.000882
2045	Annual	Orange (SC	LDT2	Gas	60	70	RUNEX	65	PM2_5	0.000442
2045	Annual	Orange (SC	LDT2	Gas			PMBW	65	PM2_5	0.000882
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	PM2_5	0.009058
2045	Annual	Orange (SC	LHDT1	Dsl			PMBW	65	PM2_5	0.0273
2045	Annual	Orange (SC	LHDT1	Gas	60	70	RUNEX	65	PM2_5	0.001088
2045	Annual	Orange (SC	LHDT1	Gas			PMBW	65	PM2_5	0.0273
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	PM2_5	1.12E-02
2045	Annual	Orange (SC	LHDT2	Dsl			PMBW	65	PM2_5	0.03185
2045	Annual	Orange (SC	LHDT2	Gas	60	70	RUNEX	65	PM2_5	0.001076
2045	Annual	Orange (SC	LHDT2	Gas			PMBW	65	PM2_5	0.03185
2045	Annual	Orange (SC	MCY	Gas	60	70	RUNEX	65	PM2_5	0.001879
2045	Annual	Orange (SC	MCY	Gas			PMBW	65	PM2_5	0.0042
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	PM2_5	0.000858
2045	Annual	Orange (SC	MDV	Dsl			PMBW	65	PM2_5	0.000903
2045	Annual	Orange (SC	MDV	Gas	60	70	RUNEX	65	PM2_5	0.000457
2045	Annual	Orange (SC	MDV	Gas			PMBW	65	PM2_5	0.000901
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	PM2_5	0.025866
2045	Annual	Orange (SC	MH	Dsl			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	MH	Gas	60	70	RUNEX	65	PM2_5	0.000926
2045	Annual	Orange (SC	MH	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	PM2_5	0.00681
2045	Annual	Orange (SC	MHDT	Dsl			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	MHDT	Gas	60	70	RUNEX	65	PM2_5	0.000925
2045	Annual	Orange (SC	MHDT	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	PM2_5	0.022046
2045	Annual	Orange (SC	OBUS	Dsl			PMBW	65	PM2_5	0.02024
2045	Annual	Orange (SC	OBUS	Gas	60	70	RUNEX	65	PM2_5	0.000893
2045	Annual	Orange (SC	OBUS	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	PM2_5	0.009804
2045	Annual	Orange (SC	SBUS	Dsl			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	SBUS	Gas	60	70	RUNEX	65	PM2_5	0.00088
2045	Annual	Orange (SC	SBUS	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	UBUS	Gas	60	70	RUNEX	65	PM2_5	0.001106
2045	Annual	Orange (SC	UBUS	Gas			PMBW	65	PM2_5	0.03185

AVERAGE EMISSION FACTOR - DPM
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.031596	5.36E-07	3.62E-08	0.002345	0.004117	0.008363	0	9.75E-06	0.010903	0.00636	0.012408	0.004038	0

Speed	Weighted Average Emissions
65	0.00107

Truck Emission Rates (CA-91)					
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
CA-91 at Beach Boulevard	312700	858759.96	0.0011	919.62	1.064E-02
^a Vehicle miles traveled are for modeled truck route only. ^b Emission rates determined using EMFAC 2021. ^c This column includes the total truck travel emissions.					

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	PM10	0.031603
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	PM10	0.000831
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	PM10	0.003308
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	PM10	0.003279
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	PM10	0.009468
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	PM10	1.17E-02
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	PM10	0.000897
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	PM10	0.027035
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	PM10	0.007118
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	PM10	0.023043
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	PM10	0.010248

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APPENDIX 3.1:

AERMOD MODEL INPUT/OUTPUT FILES

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/27/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons lac\14635 Cons
lac.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
  MODELOPT CONC FLAT
  AVERTIME 1 PERIOD
  URBANOPT 3010232 Orange_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "14635 Cons lac.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION VOL1      VOLUME      406930.700   3747735.370           0.0
** Source Parameters **
  SRCPARAM VOL1      0.000299875      5.000      14.794      1.400
  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
  SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**

```

**
RE STARTING
** BEGIN OF FENCELINE GRID RECEPTORS
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 100.00
** Tier 1: Tier Spacing = 5.00
** -----

DISCCART	406967.50	3747767.21
DISCCART	406967.51	3747758.11
DISCCART	406967.52	3747749.01
DISCCART	406967.53	3747739.91
DISCCART	406967.55	3747730.82
DISCCART	406967.56	3747721.72
DISCCART	406967.57	3747712.62
DISCCART	406967.58	3747703.53
DISCCART	406972.50	3747767.21
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DISCCART	406898.82	3747792.20
DISCCART	406907.92	3747792.20
DISCCART	406917.01	3747792.20
DISCCART	406926.11	3747792.20
DISCCART	406935.21	3747792.20
DISCCART	406944.31	3747792.20
DISCCART	406953.40	3747792.20
DISCCART	406962.50	3747792.20
DISCCART	406891.75	3747794.27
DISCCART	406884.68	3747791.34
DISCCART	406874.68	3747781.34
DISCCART	406871.75	3747774.27
DISCCART	406898.82	3747797.20
DISCCART	406907.92	3747797.20
DISCCART	406917.01	3747797.20
DISCCART	406926.11	3747797.20
DISCCART	406935.21	3747797.20
DISCCART	406944.31	3747797.20
DISCCART	406953.40	3747797.20
DISCCART	406962.50	3747797.20
DISCCART	406890.57	3747798.78
DISCCART	406882.32	3747795.37
DISCCART	406870.65	3747783.70
DISCCART	406867.24	3747775.45
DISCCART	406898.82	3747802.20
DISCCART	406907.92	3747802.20
DISCCART	406917.01	3747802.20
DISCCART	406926.11	3747802.20
DISCCART	406935.21	3747802.20
DISCCART	406944.31	3747802.20
DISCCART	406953.40	3747802.20
DISCCART	406962.50	3747802.20
DISCCART	406891.75	3747804.27
DISCCART	406884.68	3747801.34
DISCCART	406877.61	3747798.41
DISCCART	406867.61	3747788.41
DISCCART	406864.68	3747781.34
DISCCART	406861.75	3747774.27
DISCCART	406898.82	3747807.20
DISCCART	406907.92	3747807.20
DISCCART	406917.01	3747807.20
DISCCART	406926.11	3747807.20
DISCCART	406935.21	3747807.20
DISCCART	406944.31	3747807.20
DISCCART	406953.40	3747807.20
DISCCART	406962.50	3747807.20
DISCCART	406890.87	3747808.90
DISCCART	406882.91	3747805.61
DISCCART	406874.96	3747802.31
DISCCART	406863.71	3747791.06
DISCCART	406860.41	3747783.11
DISCCART	406857.12	3747775.15
DISCCART	406898.82	3747812.20
DISCCART	406907.92	3747812.20
DISCCART	406917.01	3747812.20
DISCCART	406926.11	3747812.20
DISCCART	406935.21	3747812.20
DISCCART	406944.31	3747812.20
DISCCART	406953.40	3747812.20
DISCCART	406962.50	3747812.20
DISCCART	406891.75	3747814.27
DISCCART	406884.68	3747811.34
DISCCART	406877.61	3747808.41
DISCCART	406870.54	3747805.48
DISCCART	406860.54	3747795.48

DISCCART	406857.61	3747788.41
DISCCART	406854.68	3747781.34
DISCCART	406851.75	3747774.27
DISCCART	406898.82	3747817.20
DISCCART	406907.92	3747817.20
DISCCART	406917.01	3747817.20
DISCCART	406926.11	3747817.20
DISCCART	406935.21	3747817.20
DISCCART	406944.31	3747817.20
DISCCART	406953.40	3747817.20
DISCCART	406962.50	3747817.20
DISCCART	406891.04	3747818.98
DISCCART	406883.26	3747815.76
DISCCART	406875.49	3747812.53
DISCCART	406867.71	3747809.31
DISCCART	406856.71	3747798.31
DISCCART	406853.49	3747790.53
DISCCART	406850.26	3747782.76
DISCCART	406847.04	3747774.98
DISCCART	406898.82	3747822.20
DISCCART	406907.92	3747822.20
DISCCART	406917.01	3747822.20
DISCCART	406926.11	3747822.20
DISCCART	406935.21	3747822.20
DISCCART	406944.31	3747822.20
DISCCART	406953.40	3747822.20
DISCCART	406962.50	3747822.20
DISCCART	406891.75	3747824.27
DISCCART	406884.68	3747821.34
DISCCART	406877.61	3747818.41
DISCCART	406870.54	3747815.48
DISCCART	406863.46	3747812.56
DISCCART	406853.46	3747802.56
DISCCART	406850.54	3747795.48
DISCCART	406847.61	3747788.41
DISCCART	406844.68	3747781.34
DISCCART	406841.75	3747774.27
DISCCART	406898.82	3747827.20
DISCCART	406907.92	3747827.20
DISCCART	406917.01	3747827.20
DISCCART	406926.11	3747827.20
DISCCART	406935.21	3747827.20
DISCCART	406944.31	3747827.20
DISCCART	406953.40	3747827.20
DISCCART	406962.50	3747827.20
DISCCART	406891.16	3747829.03
DISCCART	406883.50	3747825.85
DISCCART	406875.84	3747822.68
DISCCART	406868.18	3747819.51
DISCCART	406860.52	3747816.33
DISCCART	406849.69	3747805.50
DISCCART	406846.51	3747797.84
DISCCART	406843.34	3747790.18
DISCCART	406840.17	3747782.52
DISCCART	406836.99	3747774.86
DISCCART	406898.82	3747832.20
DISCCART	406907.92	3747832.20
DISCCART	406917.01	3747832.20
DISCCART	406926.11	3747832.20
DISCCART	406935.21	3747832.20
DISCCART	406944.31	3747832.20
DISCCART	406953.40	3747832.20
DISCCART	406962.50	3747832.20
DISCCART	406890.57	3747833.78
DISCCART	406882.32	3747830.37
DISCCART	406874.07	3747826.95

DISCCART	406865.82	3747823.53
DISCCART	406857.57	3747820.11
DISCCART	406845.91	3747808.45
DISCCART	406842.49	3747800.20
DISCCART	406839.07	3747791.95
DISCCART	406835.65	3747783.70
DISCCART	406832.24	3747775.45
DISCCART	406898.82	3747837.20
DISCCART	406907.92	3747837.20
DISCCART	406917.01	3747837.20
DISCCART	406926.11	3747837.20
DISCCART	406935.21	3747837.20
DISCCART	406944.31	3747837.20
DISCCART	406953.40	3747837.20
DISCCART	406962.50	3747837.20
DISCCART	406891.24	3747839.06
DISCCART	406883.67	3747835.92
DISCCART	406876.09	3747832.79
DISCCART	406868.52	3747829.65
DISCCART	406860.94	3747826.51
DISCCART	406853.36	3747823.37
DISCCART	406842.65	3747812.66
DISCCART	406839.51	3747805.08
DISCCART	406836.37	3747797.50
DISCCART	406833.23	3747789.93
DISCCART	406830.10	3747782.35
DISCCART	406826.96	3747774.78
DISCCART	406898.82	3747842.20
DISCCART	406907.92	3747842.20
DISCCART	406917.01	3747842.20
DISCCART	406926.11	3747842.20
DISCCART	406935.21	3747842.20
DISCCART	406944.31	3747842.20
DISCCART	406953.40	3747842.20
DISCCART	406962.50	3747842.20
DISCCART	406890.74	3747843.85
DISCCART	406882.66	3747840.51
DISCCART	406874.58	3747837.16
DISCCART	406858.41	3747830.46
DISCCART	406850.33	3747827.12
DISCCART	406838.90	3747815.69
DISCCART	406835.56	3747807.61
DISCCART	406832.21	3747799.52
DISCCART	406828.86	3747791.44
DISCCART	406825.51	3747783.36
DISCCART	406822.17	3747775.28
DISCCART	406898.82	3747847.20
DISCCART	406907.92	3747847.20
DISCCART	406917.01	3747847.20
DISCCART	406926.11	3747847.20
DISCCART	406935.21	3747847.20
DISCCART	406944.31	3747847.20
DISCCART	406953.40	3747847.20
DISCCART	406962.50	3747847.20
DISCCART	406891.31	3747849.09
DISCCART	406883.79	3747845.98
DISCCART	406876.28	3747842.86
DISCCART	406868.77	3747839.75
DISCCART	406861.25	3747836.64
DISCCART	406853.74	3747833.53
DISCCART	406846.23	3747830.42
DISCCART	406835.60	3747819.79
DISCCART	406832.49	3747812.28
DISCCART	406829.38	3747804.77
DISCCART	406826.27	3747797.25
DISCCART	406823.16	3747789.74

DISCCART	406820.04	3747782.23
DISCCART	406816.93	3747774.71
DISCCART	406898.82	3747852.20
DISCCART	406907.92	3747852.20
DISCCART	406917.01	3747852.20
DISCCART	406926.11	3747852.20
DISCCART	406935.21	3747852.20
DISCCART	406944.31	3747852.20
DISCCART	406953.40	3747852.20
DISCCART	406962.50	3747852.20
DISCCART	406890.87	3747853.90
DISCCART	406882.91	3747850.61
DISCCART	406874.96	3747847.31
DISCCART	406867.00	3747844.02
DISCCART	406859.05	3747840.72
DISCCART	406851.09	3747837.43
DISCCART	406843.14	3747834.13
DISCCART	406831.89	3747822.88
DISCCART	406828.59	3747814.93
DISCCART	406825.30	3747806.97
DISCCART	406822.00	3747799.02
DISCCART	406818.71	3747791.06
DISCCART	406815.41	3747783.11
DISCCART	406812.12	3747775.15
DISCCART	406898.82	3747857.20
DISCCART	406907.92	3747857.20
DISCCART	406917.01	3747857.20
DISCCART	406926.11	3747857.20
DISCCART	406935.21	3747857.20
DISCCART	406944.31	3747857.20
DISCCART	406953.40	3747857.20
DISCCART	406962.50	3747857.20
DISCCART	406890.42	3747858.72
DISCCART	406882.03	3747855.24
DISCCART	406873.63	3747851.77
DISCCART	406865.23	3747848.29
DISCCART	406856.84	3747844.81
DISCCART	406848.44	3747841.33
DISCCART	406840.04	3747837.85
DISCCART	406828.17	3747825.98
DISCCART	406824.69	3747817.58
DISCCART	406821.21	3747809.18
DISCCART	406817.73	3747800.79
DISCCART	406814.25	3747792.39
DISCCART	406810.78	3747783.99
DISCCART	406807.30	3747775.60
DISCCART	406898.82	3747862.20
DISCCART	406907.92	3747862.20
DISCCART	406917.01	3747862.20
DISCCART	406926.11	3747862.20
DISCCART	406935.21	3747862.20
DISCCART	406944.31	3747862.20
DISCCART	406953.40	3747862.20
DISCCART	406962.50	3747862.20
DISCCART	406890.96	3747863.95
DISCCART	406883.11	3747860.69
DISCCART	406875.25	3747857.44
DISCCART	406867.39	3747854.18
DISCCART	406859.54	3747850.93
DISCCART	406851.68	3747847.67
DISCCART	406843.82	3747844.42
DISCCART	406835.97	3747841.17
DISCCART	406824.85	3747830.05
DISCCART	406821.60	3747822.20
DISCCART	406818.35	3747814.34
DISCCART	406815.09	3747806.48

```

DISCCART      406811.84    3747798.63
DISCCART      406808.58    3747790.77
DISCCART      406805.33    3747782.91
DISCCART      406802.07    3747775.06
DISCCART      406898.82    3747867.20
DISCCART      406907.92    3747867.20
DISCCART      406917.01    3747867.20
DISCCART      406926.11    3747867.20
DISCCART      406935.21    3747867.20
DISCCART      406944.31    3747867.20
DISCCART      406953.40    3747867.20
DISCCART      406962.50    3747867.20
** END OF FENCELINE GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART      406898.82    3747767.20
DISCCART      406962.50    3747767.20
DISCCART      406962.58    3747703.52
DISCCART      406898.82    3747703.52

```

RE FINISHED

```

**
*****

```

```

** AERMOD Meteorology Pathway
*****

```

**

**

ME STARTING

```

SURFFILE KFUL_V9_ADJU\KFUL_v9.SFC
PROFFILE KFUL_V9_ADJU\KFUL_v9.PFL
SURFDATA 3166 2012
UAIRDATA 3190 2012
PROFBASE 29.0 METERS

```

ME FINISHED

```

**
*****

```

```

** AERMOD Output Pathway
*****

```

**

**

OU STARTING

```

RECTABLE ALLAVE 1ST
RECTABLE 1 1ST

```

** Auto-Generated Plotfiles

```

PLOTFILE 1 ALL 1ST "14635 Cons 1ac.AD\01H1GALL.PLT" 31
PLOTFILE PERIOD ALL "14635 Cons 1ac.AD\PE00GALL.PLT" 32
SUMMFILE "14635 Cons 1ac.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    1352    MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
ME W187    1352    MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

```

0.50

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

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

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

**This Run Includes: 1 Source(s); 1 Source Group(s); and 1261 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)

and: 1 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) = 29.00 ; 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: 14635 Cons

lac.err

**File for Summary of Results: 14635 Cons

lac.sum

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

VOL1 0 0.29988E-03 406930.7 3747735.4 29.0 5.00 14.79 1.40

YES HRDOW

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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

ALL VOL1 ,

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

URBAN ID URBAN POP SOURCE IDs

3010232. VOL1

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*** MODELOPTs: NonDFAULT CONC FLAT 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						

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406967.5, 3747767.2,	29.0,	29.0,	0.0);	(406967.5,
3747758.1,	29.0,	29.0,	0.0);	
(406967.5, 3747749.0,	29.0,	29.0,	0.0);	(406967.5,
3747739.9,	29.0,	29.0,	0.0);	
(406967.5, 3747730.8,	29.0,	29.0,	0.0);	(406967.6,
3747721.7,	29.0,	29.0,	0.0);	
(406967.6, 3747712.6,	29.0,	29.0,	0.0);	(406967.6,
3747703.5,	29.0,	29.0,	0.0);	

(406972.5, 3747767.2,	29.0,	29.0,	0.0);	(406972.5,
3747758.1,	29.0,	29.0,	0.0);	
(406972.5, 3747749.0,	29.0,	29.0,	0.0);	(406972.5,
3747739.9,	29.0,	29.0,	0.0);	
(406972.5, 3747730.8,	29.0,	29.0,	0.0);	(406972.6,
3747721.7,	29.0,	29.0,	0.0);	
(406972.6, 3747712.6,	29.0,	29.0,	0.0);	(406972.6,
3747703.5,	29.0,	29.0,	0.0);	
(406975.3, 3747772.5,	29.0,	29.0,	0.0);	(406967.8,
3747780.0,	29.0,	29.0,	0.0);	
(406977.5, 3747767.2,	29.0,	29.0,	0.0);	(406977.5,
3747758.1,	29.0,	29.0,	0.0);	
(406977.5, 3747749.0,	29.0,	29.0,	0.0);	(406977.5,
3747739.9,	29.0,	29.0,	0.0);	
(406977.5, 3747730.8,	29.0,	29.0,	0.0);	(406977.6,
3747721.7,	29.0,	29.0,	0.0);	
(406977.6, 3747712.6,	29.0,	29.0,	0.0);	(406977.6,
3747703.5,	29.0,	29.0,	0.0);	
(406979.6, 3747774.3,	29.0,	29.0,	0.0);	(406969.6,
3747784.3,	29.0,	29.0,	0.0);	
(406982.5, 3747767.2,	29.0,	29.0,	0.0);	(406982.5,
3747758.1,	29.0,	29.0,	0.0);	
(406982.5, 3747749.0,	29.0,	29.0,	0.0);	(406982.5,
3747739.9,	29.0,	29.0,	0.0);	
(406982.5, 3747730.8,	29.0,	29.0,	0.0);	(406982.6,
3747721.7,	29.0,	29.0,	0.0);	
(406982.6, 3747712.6,	29.0,	29.0,	0.0);	(406982.6,
3747703.5,	29.0,	29.0,	0.0);	
(406985.1, 3747773.1,	29.0,	29.0,	0.0);	(406982.6,
3747779.0,	29.0,	29.0,	0.0);	
(406974.3, 3747787.3,	29.0,	29.0,	0.0);	(406968.4,
3747789.8,	29.0,	29.0,	0.0);	
(406987.5, 3747767.2,	29.0,	29.0,	0.0);	(406987.5,
3747758.1,	29.0,	29.0,	0.0);	
(406987.5, 3747749.0,	29.0,	29.0,	0.0);	(406987.5,
3747739.9,	29.0,	29.0,	0.0);	
(406987.5, 3747730.8,	29.0,	29.0,	0.0);	(406987.6,
3747721.8,	29.0,	29.0,	0.0);	
(406987.6, 3747712.6,	29.0,	29.0,	0.0);	(406987.6,
3747703.5,	29.0,	29.0,	0.0);	
(406989.6, 3747774.3,	29.0,	29.0,	0.0);	(406986.6,
3747781.4,	29.0,	29.0,	0.0);	
(406976.6, 3747791.3,	29.0,	29.0,	0.0);	(406969.6,
3747794.3,	29.0,	29.0,	0.0);	
(406992.5, 3747767.2,	29.0,	29.0,	0.0);	(406992.5,
3747758.1,	29.0,	29.0,	0.0);	
(406992.5, 3747749.0,	29.0,	29.0,	0.0);	(406992.5,
3747739.9,	29.0,	29.0,	0.0);	
(406992.5, 3747730.8,	29.0,	29.0,	0.0);	(406992.6,
3747721.8,	29.0,	29.0,	0.0);	
(406992.6, 3747712.6,	29.0,	29.0,	0.0);	(406992.6,
3747703.6,	29.0,	29.0,	0.0);	
(406994.1, 3747775.5,	29.0,	29.0,	0.0);	(406990.7,
3747783.7,	29.0,	29.0,	0.0);	
(406979.0, 3747795.4,	29.0,	29.0,	0.0);	(406970.7,
3747798.8,	29.0,	29.0,	0.0);	
(406997.5, 3747767.2,	29.0,	29.0,	0.0);	(406997.5,
3747758.1,	29.0,	29.0,	0.0);	
(406997.5, 3747749.0,	29.0,	29.0,	0.0);	(406997.5,
3747739.9,	29.0,	29.0,	0.0);	
(406997.5, 3747730.9,	29.0,	29.0,	0.0);	(406997.6,
3747721.8,	29.0,	29.0,	0.0);	
(406997.6, 3747712.7,	29.0,	29.0,	0.0);	(406997.6,
3747703.6,	29.0,	29.0,	0.0);	
(406999.6, 3747774.3,	29.0,	29.0,	0.0);	(406996.6,
3747781.4,	29.0,	29.0,	0.0);	

(406993.7, 3747788.4,	29.0,	29.0,	0.0);	(406983.7,
3747798.4,	29.0,	29.0,	0.0);	
(406976.6, 3747801.3,	29.0,	29.0,	0.0);	(406969.6,
3747804.3,	29.0,	29.0,	0.0);	
(407002.5, 3747767.2,	29.0,	29.0,	0.0);	(407002.5,
3747758.1,	29.0,	29.0,	0.0);	
(407002.5, 3747749.1,	29.0,	29.0,	0.0);	(407002.5,
3747740.0,	29.0,	29.0,	0.0);	
(407002.5, 3747730.9,	29.0,	29.0,	0.0);	(407002.6,
3747721.8,	29.0,	29.0,	0.0);	
(407002.6, 3747712.7,	29.0,	29.0,	0.0);	(407002.6,
3747703.6,	29.0,	29.0,	0.0);	
(407004.2, 3747775.2,	29.0,	29.0,	0.0);	(407000.9,
3747783.1,	29.0,	29.0,	0.0);	
(406997.6, 3747791.1,	29.0,	29.0,	0.0);	(406986.3,
3747802.3,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406978.4, 3747805.6,	29.0,	29.0,	0.0);	(406970.5,
3747808.9,	29.0,	29.0,	0.0);	
(407007.5, 3747767.3,	29.0,	29.0,	0.0);	(407007.5,
3747758.2,	29.0,	29.0,	0.0);	
(407007.5, 3747749.1,	29.0,	29.0,	0.0);	(407007.5,
3747740.0,	29.0,	29.0,	0.0);	
(407007.5, 3747730.9,	29.0,	29.0,	0.0);	(407007.6,
3747721.8,	29.0,	29.0,	0.0);	
(407007.6, 3747712.7,	29.0,	29.0,	0.0);	(407007.6,
3747703.6,	29.0,	29.0,	0.0);	
(407009.6, 3747774.3,	29.0,	29.0,	0.0);	(407006.6,
3747781.4,	29.0,	29.0,	0.0);	
(407003.7, 3747788.4,	29.0,	29.0,	0.0);	(407000.8,
3747795.5,	29.0,	29.0,	0.0);	
(406990.8, 3747805.5,	29.0,	29.0,	0.0);	(406983.7,
3747808.4,	29.0,	29.0,	0.0);	
(406976.6, 3747811.3,	29.0,	29.0,	0.0);	(406969.6,
3747814.3,	29.0,	29.0,	0.0);	
(407012.5, 3747767.3,	29.0,	29.0,	0.0);	(407012.5,
3747758.2,	29.0,	29.0,	0.0);	
(407012.5, 3747749.1,	29.0,	29.0,	0.0);	(407012.5,
3747740.0,	29.0,	29.0,	0.0);	
(407012.5, 3747730.9,	29.0,	29.0,	0.0);	(407012.6,
3747721.8,	29.0,	29.0,	0.0);	
(407012.6, 3747712.7,	29.0,	29.0,	0.0);	(407012.6,
3747703.6,	29.0,	29.0,	0.0);	
(407014.3, 3747775.0,	29.0,	29.0,	0.0);	(407011.0,
3747782.8,	29.0,	29.0,	0.0);	
(407007.8, 3747790.6,	29.0,	29.0,	0.0);	(407004.6,
3747798.3,	29.0,	29.0,	0.0);	
(406993.6, 3747809.3,	29.0,	29.0,	0.0);	(406985.8,
3747812.5,	29.0,	29.0,	0.0);	
(406978.0, 3747815.8,	29.0,	29.0,	0.0);	(406970.3,
3747819.0,	29.0,	29.0,	0.0);	
(407017.5, 3747767.3,	29.0,	29.0,	0.0);	(407017.5,
3747758.2,	29.0,	29.0,	0.0);	
(407017.5, 3747749.1,	29.0,	29.0,	0.0);	(407017.5,
3747740.0,	29.0,	29.0,	0.0);	

(407017.5, 3747730.9,	29.0,	29.0,	0.0);	(407017.6,
3747721.8,	29.0,	29.0,	0.0);	
(407017.6, 3747712.7,	29.0,	29.0,	0.0);	(407017.6,
3747703.6,	29.0,	29.0,	0.0);	
(407019.6, 3747774.3,	29.0,	29.0,	0.0);	(407016.6,
3747781.4,	29.0,	29.0,	0.0);	
(407013.7, 3747788.5,	29.0,	29.0,	0.0);	(407010.8,
3747795.5,	29.0,	29.0,	0.0);	
(407007.8, 3747802.6,	29.0,	29.0,	0.0);	(406997.8,
3747812.6,	29.0,	29.0,	0.0);	
(406990.8, 3747815.5,	29.0,	29.0,	0.0);	(406983.7,
3747818.4,	29.0,	29.0,	0.0);	
(406976.6, 3747821.3,	29.0,	29.0,	0.0);	(406969.6,
3747824.3,	29.0,	29.0,	0.0);	
(407022.5, 3747767.3,	29.0,	29.0,	0.0);	(407022.5,
3747758.2,	29.0,	29.0,	0.0);	
(407022.5, 3747749.1,	29.0,	29.0,	0.0);	(407022.5,
3747740.0,	29.0,	29.0,	0.0);	
(407022.5, 3747730.9,	29.0,	29.0,	0.0);	(407022.6,
3747721.8,	29.0,	29.0,	0.0);	
(407022.6, 3747712.7,	29.0,	29.0,	0.0);	(407022.6,
3747703.6,	29.0,	29.0,	0.0);	
(407024.3, 3747774.9,	29.0,	29.0,	0.0);	(407021.1,
3747782.6,	29.0,	29.0,	0.0);	
(407018.0, 3747790.2,	29.0,	29.0,	0.0);	(407014.8,
3747797.9,	29.0,	29.0,	0.0);	
(407011.6, 3747805.5,	29.0,	29.0,	0.0);	(407000.8,
3747816.4,	29.0,	29.0,	0.0);	
(406993.1, 3747819.5,	29.0,	29.0,	0.0);	(406985.5,
3747822.7,	29.0,	29.0,	0.0);	
(406977.8, 3747825.9,	29.0,	29.0,	0.0);	(406970.2,
3747829.0,	29.0,	29.0,	0.0);	
(407027.5, 3747767.3,	29.0,	29.0,	0.0);	(407027.5,
3747758.2,	29.0,	29.0,	0.0);	
(407027.5, 3747749.1,	29.0,	29.0,	0.0);	(407027.5,
3747740.0,	29.0,	29.0,	0.0);	
(407027.5, 3747730.9,	29.0,	29.0,	0.0);	(407027.6,
3747721.8,	29.0,	29.0,	0.0);	
(407027.6, 3747712.7,	29.0,	29.0,	0.0);	(407027.6,
3747703.6,	29.0,	29.0,	0.0);	
(407029.1, 3747775.5,	29.0,	29.0,	0.0);	(407025.7,
3747783.8,	29.0,	29.0,	0.0);	
(407022.2, 3747792.0,	29.0,	29.0,	0.0);	(407018.8,
3747800.2,	29.0,	29.0,	0.0);	
(407015.4, 3747808.5,	29.0,	29.0,	0.0);	(407003.7,
3747820.1,	29.0,	29.0,	0.0);	
(406995.5, 3747823.5,	29.0,	29.0,	0.0);	(406987.2,
3747827.0,	29.0,	29.0,	0.0);	
(406979.0, 3747830.4,	29.0,	29.0,	0.0);	(406970.7,
3747833.8,	29.0,	29.0,	0.0);	
(407032.5, 3747767.3,	29.0,	29.0,	0.0);	(407032.5,
3747758.2,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407032.5, 3747749.1,	29.0,	29.0,	0.0);	(407032.5,
3747740.0,	29.0,	29.0,	0.0);	

(407032.5, 3747730.9,	29.0,	29.0,	0.0);	(407032.6,
3747721.8,	29.0,	29.0,	0.0);	
(407032.6, 3747712.7,	29.0,	29.0,	0.0);	(407032.6,
3747703.6,	29.0,	29.0,	0.0);	
(407034.4, 3747774.9,	29.0,	29.0,	0.0);	(407031.2,
3747782.4,	29.0,	29.0,	0.0);	
(407028.1, 3747790.0,	29.0,	29.0,	0.0);	(407024.9,
3747797.6,	29.0,	29.0,	0.0);	
(407021.8, 3747805.1,	29.0,	29.0,	0.0);	(407018.6,
3747812.7,	29.0,	29.0,	0.0);	
(407007.9, 3747823.4,	29.0,	29.0,	0.0);	(407000.4,
3747826.5,	29.0,	29.0,	0.0);	
(406992.8, 3747829.7,	29.0,	29.0,	0.0);	(406985.2,
3747832.8,	29.0,	29.0,	0.0);	
(406977.6, 3747835.9,	29.0,	29.0,	0.0);	(406970.1,
3747839.1,	29.0,	29.0,	0.0);	
(407037.5, 3747767.3,	29.0,	29.0,	0.0);	(407037.5,
3747758.2,	29.0,	29.0,	0.0);	
(407037.5, 3747749.1,	29.0,	29.0,	0.0);	(407037.5,
3747740.0,	29.0,	29.0,	0.0);	
(407037.5, 3747730.9,	29.0,	29.0,	0.0);	(407037.6,
3747721.8,	29.0,	29.0,	0.0);	
(407037.6, 3747712.7,	29.0,	29.0,	0.0);	(407037.6,
3747703.6,	29.0,	29.0,	0.0);	
(407039.1, 3747775.4,	29.0,	29.0,	0.0);	(407035.8,
3747783.4,	29.0,	29.0,	0.0);	
(407032.4, 3747791.5,	29.0,	29.0,	0.0);	(407029.1,
3747799.6,	29.0,	29.0,	0.0);	
(407025.7, 3747807.7,	29.0,	29.0,	0.0);	(407022.4,
3747815.7,	29.0,	29.0,	0.0);	
(407011.0, 3747827.1,	29.0,	29.0,	0.0);	(407002.9,
3747830.5,	29.0,	29.0,	0.0);	
(406986.7, 3747837.2,	29.0,	29.0,	0.0);	(406978.6,
3747840.5,	29.0,	29.0,	0.0);	
(406970.6, 3747843.9,	29.0,	29.0,	0.0);	(407042.5,
3747767.3,	29.0,	29.0,	0.0);	
(407042.5, 3747758.2,	29.0,	29.0,	0.0);	(407042.5,
3747749.1,	29.0,	29.0,	0.0);	
(407042.5, 3747740.0,	29.0,	29.0,	0.0);	(407042.5,
3747730.9,	29.0,	29.0,	0.0);	
(407042.6, 3747721.8,	29.0,	29.0,	0.0);	(407042.6,
3747712.7,	29.0,	29.0,	0.0);	
(407042.6, 3747703.6,	29.0,	29.0,	0.0);	(407044.4,
3747774.8,	29.0,	29.0,	0.0);	
(407041.3, 3747782.3,	29.0,	29.0,	0.0);	(407038.1,
3747789.8,	29.0,	29.0,	0.0);	
(407035.0, 3747797.3,	29.0,	29.0,	0.0);	(407031.9,
3747804.8,	29.0,	29.0,	0.0);	
(407028.8, 3747812.3,	29.0,	29.0,	0.0);	(407025.7,
3747819.8,	29.0,	29.0,	0.0);	
(407015.1, 3747830.4,	29.0,	29.0,	0.0);	(407007.5,
3747833.6,	29.0,	29.0,	0.0);	
(407000.0, 3747836.7,	29.0,	29.0,	0.0);	(406992.5,
3747839.8,	29.0,	29.0,	0.0);	
(406985.0, 3747842.9,	29.0,	29.0,	0.0);	(406977.5,
3747846.0,	29.0,	29.0,	0.0);	
(406970.0, 3747849.1,	29.0,	29.0,	0.0);	(407047.5,
3747767.3,	29.0,	29.0,	0.0);	
(407047.5, 3747758.2,	29.0,	29.0,	0.0);	(407047.5,
3747749.1,	29.0,	29.0,	0.0);	
(407047.5, 3747740.0,	29.0,	29.0,	0.0);	(407047.5,
3747730.9,	29.0,	29.0,	0.0);	
(407047.6, 3747721.8,	29.0,	29.0,	0.0);	(407047.6,
3747712.7,	29.0,	29.0,	0.0);	
(407047.6, 3747703.6,	29.0,	29.0,	0.0);	(407049.2,
3747775.3,	29.0,	29.0,	0.0);	

(407045.9, 3747783.2,	29.0,	29.0,	0.0);	(407042.6,
3747791.1,	29.0,	29.0,	0.0);	
(407039.3, 3747799.1,	29.0,	29.0,	0.0);	(407036.0,
3747807.0,	29.0,	29.0,	0.0);	
(407032.7, 3747815.0,	29.0,	29.0,	0.0);	(407029.4,
3747822.9,	29.0,	29.0,	0.0);	
(407018.1, 3747834.2,	29.0,	29.0,	0.0);	(407010.2,
3747837.5,	29.0,	29.0,	0.0);	
(407002.2, 3747840.8,	29.0,	29.0,	0.0);	(406994.3,
3747844.0,	29.0,	29.0,	0.0);	
(406978.4, 3747850.6,	29.0,	29.0,	0.0);	(406970.5,
3747853.9,	29.0,	29.0,	0.0);	
(407052.5, 3747767.3,	29.0,	29.0,	0.0);	(407052.5,
3747758.2,	29.0,	29.0,	0.0);	
(407052.5, 3747749.1,	29.0,	29.0,	0.0);	(407052.5,
3747740.0,	29.0,	29.0,	0.0);	
(407052.5, 3747730.9,	29.0,	29.0,	0.0);	(407052.6,
3747721.8,	29.0,	29.0,	0.0);	
(407052.6, 3747712.7,	29.0,	29.0,	0.0);	(407052.6,
3747703.6,	29.0,	29.0,	0.0);	
(407054.0, 3747775.7,	29.0,	29.0,	0.0);	(407050.5,
3747784.1,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(407047.0, 3747792.5,	29.0,	29.0,	0.0);	(407043.6,
3747800.9,	29.0,	29.0,	0.0);	
(407040.1, 3747809.3,	29.0,	29.0,	0.0);	(407036.6,
3747817.6,	29.0,	29.0,	0.0);	
(407033.1, 3747826.0,	29.0,	29.0,	0.0);	(407021.2,
3747837.9,	29.0,	29.0,	0.0);	
(407012.8, 3747841.4,	29.0,	29.0,	0.0);	(407004.5,
3747844.8,	29.0,	29.0,	0.0);	
(406996.1, 3747848.3,	29.0,	29.0,	0.0);	(406987.7,
3747851.8,	29.0,	29.0,	0.0);	
(406979.3, 3747855.2,	29.0,	29.0,	0.0);	(406970.9,
3747858.7,	29.0,	29.0,	0.0);	
(407057.5, 3747767.3,	29.0,	29.0,	0.0);	(407057.5,
3747758.2,	29.0,	29.0,	0.0);	
(407057.5, 3747749.1,	29.0,	29.0,	0.0);	(407057.5,
3747740.0,	29.0,	29.0,	0.0);	
(407057.5, 3747730.9,	29.0,	29.0,	0.0);	(407057.6,
3747721.8,	29.0,	29.0,	0.0);	
(407057.6, 3747712.7,	29.0,	29.0,	0.0);	(407057.6,
3747703.6,	29.0,	29.0,	0.0);	
(407059.2, 3747775.2,	29.0,	29.0,	0.0);	(407056.0,
3747783.0,	29.0,	29.0,	0.0);	
(407052.7, 3747790.9,	29.0,	29.0,	0.0);	(407049.5,
3747798.7,	29.0,	29.0,	0.0);	
(407046.2, 3747806.6,	29.0,	29.0,	0.0);	(407042.9,
3747814.4,	29.0,	29.0,	0.0);	
(407039.7, 3747822.3,	29.0,	29.0,	0.0);	(407036.4,
3747830.1,	29.0,	29.0,	0.0);	
(407025.3, 3747841.2,	29.0,	29.0,	0.0);	(407017.5,
3747844.4,	29.0,	29.0,	0.0);	
(407009.6, 3747847.7,	29.0,	29.0,	0.0);	(407001.8,
3747850.9,	29.0,	29.0,	0.0);	

(406993.9, 3747854.2,	29.0,	29.0,	0.0);	(406986.1,
3747857.4,	29.0,	29.0,	0.0);	
(406978.2, 3747860.7,	29.0,	29.0,	0.0);	(406970.3,
3747863.9,	29.0,	29.0,	0.0);	
(407062.5, 3747767.3,	29.0,	29.0,	0.0);	(407062.5,
3747758.2,	29.0,	29.0,	0.0);	
(407062.5, 3747749.1,	29.0,	29.0,	0.0);	(407062.5,
3747740.0,	29.0,	29.0,	0.0);	
(407062.5, 3747730.9,	29.0,	29.0,	0.0);	(407062.6,
3747721.8,	29.0,	29.0,	0.0);	
(407062.6, 3747712.7,	29.0,	29.0,	0.0);	(407062.6,
3747703.6,	29.0,	29.0,	0.0);	
(406962.6, 3747698.5,	29.0,	29.0,	0.0);	(406953.5,
3747698.5,	29.0,	29.0,	0.0);	
(406944.4, 3747698.5,	29.0,	29.0,	0.0);	(406935.2,
3747698.5,	29.0,	29.0,	0.0);	
(406926.1, 3747698.5,	29.0,	29.0,	0.0);	(406917.0,
3747698.5,	29.0,	29.0,	0.0);	
(406907.9, 3747698.5,	29.0,	29.0,	0.0);	(406898.8,
3747698.5,	29.0,	29.0,	0.0);	
(406962.6, 3747693.5,	29.0,	29.0,	0.0);	(406953.5,
3747693.5,	29.0,	29.0,	0.0);	
(406944.4, 3747693.5,	29.0,	29.0,	0.0);	(406935.2,
3747693.5,	29.0,	29.0,	0.0);	
(406926.1, 3747693.5,	29.0,	29.0,	0.0);	(406917.0,
3747693.5,	29.0,	29.0,	0.0);	
(406907.9, 3747693.5,	29.0,	29.0,	0.0);	(406898.8,
3747693.5,	29.0,	29.0,	0.0);	
(406967.9, 3747690.7,	29.0,	29.0,	0.0);	(406975.4,
3747698.2,	29.0,	29.0,	0.0);	
(406962.6, 3747688.5,	29.0,	29.0,	0.0);	(406953.5,
3747688.5,	29.0,	29.0,	0.0);	
(406944.4, 3747688.5,	29.0,	29.0,	0.0);	(406935.2,
3747688.5,	29.0,	29.0,	0.0);	
(406926.1, 3747688.5,	29.0,	29.0,	0.0);	(406917.0,
3747688.5,	29.0,	29.0,	0.0);	
(406907.9, 3747688.5,	29.0,	29.0,	0.0);	(406898.8,
3747688.5,	29.0,	29.0,	0.0);	
(406969.7, 3747686.4,	29.0,	29.0,	0.0);	(406979.7,
3747696.5,	29.0,	29.0,	0.0);	
(406962.6, 3747683.5,	29.0,	29.0,	0.0);	(406953.5,
3747683.5,	29.0,	29.0,	0.0);	
(406944.4, 3747683.5,	29.0,	29.0,	0.0);	(406935.2,
3747683.5,	29.0,	29.0,	0.0);	
(406926.1, 3747683.5,	29.0,	29.0,	0.0);	(406917.0,
3747683.5,	29.0,	29.0,	0.0);	
(406907.9, 3747683.5,	29.0,	29.0,	0.0);	(406898.8,
3747683.5,	29.0,	29.0,	0.0);	
(406968.5, 3747681.0,	29.0,	29.0,	0.0);	(406974.4,
3747683.4,	29.0,	29.0,	0.0);	
(406982.7, 3747691.8,	29.0,	29.0,	0.0);	(406985.1,
3747697.6,	29.0,	29.0,	0.0);	
(406962.6, 3747678.5,	29.0,	29.0,	0.0);	(406953.5,
3747678.5,	29.0,	29.0,	0.0);	
(406944.4, 3747678.5,	29.0,	29.0,	0.0);	(406935.2,
3747678.5,	29.0,	29.0,	0.0);	
(406926.1, 3747678.5,	29.0,	29.0,	0.0);	(406917.0,
3747678.5,	29.0,	29.0,	0.0);	

 *** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

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

(406907.9, 3747678.5,	29.0,	29.0,	0.0);	(406898.8,
3747678.5,	29.0,	29.0,	0.0);	
(406969.7, 3747676.4,	29.0,	29.0,	0.0);	(406976.7,
3747679.4,	29.0,	29.0,	0.0);	
(406986.7, 3747689.4,	29.0,	29.0,	0.0);	(406989.7,
3747696.5,	29.0,	29.0,	0.0);	
(406962.6, 3747673.5,	29.0,	29.0,	0.0);	(406953.5,
3747673.5,	29.0,	29.0,	0.0);	
(406944.4, 3747673.5,	29.0,	29.0,	0.0);	(406935.2,
3747673.5,	29.0,	29.0,	0.0);	
(406926.1, 3747673.5,	29.0,	29.0,	0.0);	(406917.0,
3747673.5,	29.0,	29.0,	0.0);	
(406907.9, 3747673.5,	29.0,	29.0,	0.0);	(406898.8,
3747673.5,	29.0,	29.0,	0.0);	
(406970.8, 3747671.9,	29.0,	29.0,	0.0);	(406979.1,
3747675.4,	29.0,	29.0,	0.0);	
(406990.8, 3747687.0,	29.0,	29.0,	0.0);	(406994.2,
3747695.3,	29.0,	29.0,	0.0);	
(406962.6, 3747668.5,	29.0,	29.0,	0.0);	(406953.5,
3747668.5,	29.0,	29.0,	0.0);	
(406944.4, 3747668.5,	29.0,	29.0,	0.0);	(406935.2,
3747668.5,	29.0,	29.0,	0.0);	
(406926.1, 3747668.5,	29.0,	29.0,	0.0);	(406917.0,
3747668.5,	29.0,	29.0,	0.0);	
(406907.9, 3747668.5,	29.0,	29.0,	0.0);	(406898.8,
3747668.5,	29.0,	29.0,	0.0);	
(406969.7, 3747666.4,	29.0,	29.0,	0.0);	(406976.7,
3747669.4,	29.0,	29.0,	0.0);	
(406983.8, 3747672.3,	29.0,	29.0,	0.0);	(406993.8,
3747682.3,	29.0,	29.0,	0.0);	
(406996.7, 3747689.4,	29.0,	29.0,	0.0);	(406999.7,
3747696.5,	29.0,	29.0,	0.0);	
(406962.6, 3747663.5,	29.0,	29.0,	0.0);	(406953.5,
3747663.5,	29.0,	29.0,	0.0);	
(406944.4, 3747663.5,	29.0,	29.0,	0.0);	(406935.2,
3747663.5,	29.0,	29.0,	0.0);	
(406926.1, 3747663.5,	29.0,	29.0,	0.0);	(406917.0,
3747663.5,	29.0,	29.0,	0.0);	
(406907.9, 3747663.5,	29.0,	29.0,	0.0);	(406898.8,
3747663.5,	29.0,	29.0,	0.0);	
(406970.5, 3747661.8,	29.0,	29.0,	0.0);	(406978.5,
3747665.1,	29.0,	29.0,	0.0);	
(406986.5, 3747668.4,	29.0,	29.0,	0.0);	(406997.7,
3747679.7,	29.0,	29.0,	0.0);	
(407001.0, 3747687.6,	29.0,	29.0,	0.0);	(407004.3,
3747695.6,	29.0,	29.0,	0.0);	
(406962.6, 3747658.5,	29.0,	29.0,	0.0);	(406953.5,
3747658.5,	29.0,	29.0,	0.0);	
(406944.4, 3747658.5,	29.0,	29.0,	0.0);	(406935.2,
3747658.5,	29.0,	29.0,	0.0);	
(406926.1, 3747658.5,	29.0,	29.0,	0.0);	(406917.0,
3747658.5,	29.0,	29.0,	0.0);	
(406907.9, 3747658.5,	29.0,	29.0,	0.0);	(406898.8,
3747658.5,	29.0,	29.0,	0.0);	
(406969.7, 3747656.4,	29.0,	29.0,	0.0);	(406976.7,
3747659.4,	29.0,	29.0,	0.0);	
(406983.8, 3747662.3,	29.0,	29.0,	0.0);	(406990.9,
3747665.2,	29.0,	29.0,	0.0);	
(407000.9, 3747675.3,	29.0,	29.0,	0.0);	(407003.8,
3747682.3,	29.0,	29.0,	0.0);	
(407006.7, 3747689.4,	29.0,	29.0,	0.0);	(407009.7,
3747696.5,	29.0,	29.0,	0.0);	

(406962.6, 3747653.5,	29.0,	29.0,	0.0);	(406953.5,
3747653.5,	29.0,	29.0,	0.0);	
(406944.4, 3747653.5,	29.0,	29.0,	0.0);	(406935.2,
3747653.5,	29.0,	29.0,	0.0);	
(406926.1, 3747653.5,	29.0,	29.0,	0.0);	(406917.0,
3747653.5,	29.0,	29.0,	0.0);	
(406907.9, 3747653.5,	29.0,	29.0,	0.0);	(406898.8,
3747653.5,	29.0,	29.0,	0.0);	
(406970.4, 3747651.8,	29.0,	29.0,	0.0);	(406978.1,
3747655.0,	29.0,	29.0,	0.0);	
(406985.9, 3747658.2,	29.0,	29.0,	0.0);	(406993.7,
3747661.4,	29.0,	29.0,	0.0);	
(407004.7, 3747672.4,	29.0,	29.0,	0.0);	(407007.9,
3747680.2,	29.0,	29.0,	0.0);	
(407011.1, 3747688.0,	29.0,	29.0,	0.0);	(407014.4,
3747695.8,	29.0,	29.0,	0.0);	
(406962.6, 3747648.5,	29.0,	29.0,	0.0);	(406953.5,
3747648.5,	29.0,	29.0,	0.0);	
(406944.4, 3747648.5,	29.0,	29.0,	0.0);	(406935.2,
3747648.5,	29.0,	29.0,	0.0);	
(406926.1, 3747648.5,	29.0,	29.0,	0.0);	(406917.0,
3747648.5,	29.0,	29.0,	0.0);	
(406907.9, 3747648.5,	29.0,	29.0,	0.0);	(406898.8,
3747648.5,	29.0,	29.0,	0.0);	
(406969.7, 3747646.4,	29.0,	29.0,	0.0);	(406976.7,
3747649.4,	29.0,	29.0,	0.0);	
(406983.8, 3747652.3,	29.0,	29.0,	0.0);	(406990.9,
3747655.2,	29.0,	29.0,	0.0);	

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406998.0, 3747658.2,	29.0,	29.0,	0.0);	(407008.0,
3747668.2,	29.0,	29.0,	0.0);	
(407010.9, 3747675.3,	29.0,	29.0,	0.0);	(407013.8,
3747682.4,	29.0,	29.0,	0.0);	
(407016.7, 3747689.4,	29.0,	29.0,	0.0);	(407019.7,
3747696.5,	29.0,	29.0,	0.0);	
(406962.6, 3747643.5,	29.0,	29.0,	0.0);	(406953.5,
3747643.5,	29.0,	29.0,	0.0);	
(406944.4, 3747643.5,	29.0,	29.0,	0.0);	(406935.2,
3747643.5,	29.0,	29.0,	0.0);	
(406926.1, 3747643.5,	29.0,	29.0,	0.0);	(406917.0,
3747643.5,	29.0,	29.0,	0.0);	
(406907.9, 3747643.5,	29.0,	29.0,	0.0);	(406898.8,
3747643.5,	29.0,	29.0,	0.0);	
(406970.2, 3747641.7,	29.0,	29.0,	0.0);	(406977.9,
3747644.9,	29.0,	29.0,	0.0);	
(406985.6, 3747648.0,	29.0,	29.0,	0.0);	(406993.2,
3747651.2,	29.0,	29.0,	0.0);	
(407000.9, 3747654.4,	29.0,	29.0,	0.0);	(407011.7,
3747665.3,	29.0,	29.0,	0.0);	
(407014.9, 3747672.9,	29.0,	29.0,	0.0);	(407018.1,
3747680.6,	29.0,	29.0,	0.0);	
(407021.2, 3747688.3,	29.0,	29.0,	0.0);	(407024.4,
3747695.9,	29.0,	29.0,	0.0);	
(406962.6, 3747638.5,	29.0,	29.0,	0.0);	(406953.5,
3747638.5,	29.0,	29.0,	0.0);	

(406944.4, 3747638.5,	29.0,	29.0,	0.0);	(406935.2,
3747638.5,	29.0,	29.0,	0.0);	
(406926.1, 3747638.5,	29.0,	29.0,	0.0);	(406917.0,
3747638.5,	29.0,	29.0,	0.0);	
(406907.9, 3747638.5,	29.0,	29.0,	0.0);	(406898.8,
3747638.5,	29.0,	29.0,	0.0);	
(406970.8, 3747636.9,	29.0,	29.0,	0.0);	(406979.1,
3747640.4,	29.0,	29.0,	0.0);	
(406987.3, 3747643.8,	29.0,	29.0,	0.0);	(406995.6,
3747647.2,	29.0,	29.0,	0.0);	
(407003.8, 3747650.6,	29.0,	29.0,	0.0);	(407015.5,
3747662.3,	29.0,	29.0,	0.0);	
(407018.9, 3747670.6,	29.0,	29.0,	0.0);	(407022.3,
3747678.8,	29.0,	29.0,	0.0);	
(407025.8, 3747687.1,	29.0,	29.0,	0.0);	(407029.2,
3747695.3,	29.0,	29.0,	0.0);	
(406962.6, 3747633.5,	29.0,	29.0,	0.0);	(406953.5,
3747633.5,	29.0,	29.0,	0.0);	
(406944.4, 3747633.5,	29.0,	29.0,	0.0);	(406935.2,
3747633.5,	29.0,	29.0,	0.0);	
(406926.1, 3747633.5,	29.0,	29.0,	0.0);	(406917.0,
3747633.5,	29.0,	29.0,	0.0);	
(406907.9, 3747633.5,	29.0,	29.0,	0.0);	(406898.8,
3747633.5,	29.0,	29.0,	0.0);	
(406970.2, 3747631.7,	29.0,	29.0,	0.0);	(406977.7,
3747634.8,	29.0,	29.0,	0.0);	
(406985.3, 3747637.9,	29.0,	29.0,	0.0);	(406992.9,
3747641.1,	29.0,	29.0,	0.0);	
(407000.5, 3747644.2,	29.0,	29.0,	0.0);	(407008.1,
3747647.4,	29.0,	29.0,	0.0);	
(407018.8, 3747658.1,	29.0,	29.0,	0.0);	(407021.9,
3747665.7,	29.0,	29.0,	0.0);	
(407025.0, 3747673.3,	29.0,	29.0,	0.0);	(407028.2,
3747680.9,	29.0,	29.0,	0.0);	
(407031.3, 3747688.4,	29.0,	29.0,	0.0);	(407034.5,
3747696.0,	29.0,	29.0,	0.0);	
(406962.6, 3747628.5,	29.0,	29.0,	0.0);	(406953.5,
3747628.5,	29.0,	29.0,	0.0);	
(406944.4, 3747628.5,	29.0,	29.0,	0.0);	(406935.2,
3747628.5,	29.0,	29.0,	0.0);	
(406926.1, 3747628.5,	29.0,	29.0,	0.0);	(406917.0,
3747628.5,	29.0,	29.0,	0.0);	
(406907.9, 3747628.5,	29.0,	29.0,	0.0);	(406898.8,
3747628.5,	29.0,	29.0,	0.0);	
(406970.7, 3747626.9,	29.0,	29.0,	0.0);	(406978.8,
3747630.2,	29.0,	29.0,	0.0);	
(406986.8, 3747633.6,	29.0,	29.0,	0.0);	(407003.0,
3747640.3,	29.0,	29.0,	0.0);	
(407011.1, 3747643.6,	29.0,	29.0,	0.0);	(407022.5,
3747655.1,	29.0,	29.0,	0.0);	
(407025.9, 3747663.2,	29.0,	29.0,	0.0);	(407029.2,
3747671.3,	29.0,	29.0,	0.0);	
(407032.5, 3747679.3,	29.0,	29.0,	0.0);	(407035.9,
3747687.4,	29.0,	29.0,	0.0);	
(407039.2, 3747695.5,	29.0,	29.0,	0.0);	(406962.6,
3747623.5,	29.0,	29.0,	0.0);	
(406953.5, 3747623.5,	29.0,	29.0,	0.0);	(406944.4,
3747623.5,	29.0,	29.0,	0.0);	
(406935.2, 3747623.5,	29.0,	29.0,	0.0);	(406926.1,
3747623.5,	29.0,	29.0,	0.0);	
(406917.0, 3747623.5,	29.0,	29.0,	0.0);	(406907.9,
3747623.5,	29.0,	29.0,	0.0);	
(406898.8, 3747623.5,	29.0,	29.0,	0.0);	(406970.1,
3747621.6,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406977.6, 3747624.8,	29.0,	29.0,	0.0);	(406985.1,
3747627.9,	29.0,	29.0,	0.0);	
(406992.6, 3747631.0,	29.0,	29.0,	0.0);	(407000.2,
3747634.1,	29.0,	29.0,	0.0);	
(407007.7, 3747637.2,	29.0,	29.0,	0.0);	(407015.2,
3747640.3,	29.0,	29.0,	0.0);	
(407025.8, 3747651.0,	29.0,	29.0,	0.0);	(407028.9,
3747658.5,	29.0,	29.0,	0.0);	
(407032.0, 3747666.0,	29.0,	29.0,	0.0);	(407035.1,
3747673.5,	29.0,	29.0,	0.0);	
(407038.3, 3747681.1,	29.0,	29.0,	0.0);	(407041.4,
3747688.6,	29.0,	29.0,	0.0);	
(407044.5, 3747696.1,	29.0,	29.0,	0.0);	(406962.6,
3747618.5,	29.0,	29.0,	0.0);	
(406953.5, 3747618.5,	29.0,	29.0,	0.0);	(406944.4,
3747618.5,	29.0,	29.0,	0.0);	
(406935.2, 3747618.5,	29.0,	29.0,	0.0);	(406926.1,
3747618.5,	29.0,	29.0,	0.0);	
(406917.0, 3747618.5,	29.0,	29.0,	0.0);	(406907.9,
3747618.5,	29.0,	29.0,	0.0);	
(406898.8, 3747618.5,	29.0,	29.0,	0.0);	(406970.5,
3747616.8,	29.0,	29.0,	0.0);	
(406978.5, 3747620.1,	29.0,	29.0,	0.0);	(406994.4,
3747626.7,	29.0,	29.0,	0.0);	
(407002.4, 3747630.0,	29.0,	29.0,	0.0);	(407010.3,
3747633.3,	29.0,	29.0,	0.0);	
(407018.3, 3747636.6,	29.0,	29.0,	0.0);	(407029.5,
3747647.9,	29.0,	29.0,	0.0);	
(407032.8, 3747655.8,	29.0,	29.0,	0.0);	(407036.1,
3747663.8,	29.0,	29.0,	0.0);	
(407039.4, 3747671.8,	29.0,	29.0,	0.0);	(407042.7,
3747679.7,	29.0,	29.0,	0.0);	
(407046.0, 3747687.7,	29.0,	29.0,	0.0);	(407049.3,
3747695.7,	29.0,	29.0,	0.0);	
(406962.6, 3747613.5,	29.0,	29.0,	0.0);	(406953.5,
3747613.5,	29.0,	29.0,	0.0);	
(406944.4, 3747613.5,	29.0,	29.0,	0.0);	(406935.2,
3747613.5,	29.0,	29.0,	0.0);	
(406926.1, 3747613.5,	29.0,	29.0,	0.0);	(406917.0,
3747613.5,	29.0,	29.0,	0.0);	
(406907.9, 3747613.5,	29.0,	29.0,	0.0);	(406898.8,
3747613.5,	29.0,	29.0,	0.0);	
(406971.0, 3747612.0,	29.0,	29.0,	0.0);	(406979.4,
3747615.5,	29.0,	29.0,	0.0);	
(406987.8, 3747619.0,	29.0,	29.0,	0.0);	(406996.2,
3747622.4,	29.0,	29.0,	0.0);	
(407004.6, 3747625.9,	29.0,	29.0,	0.0);	(407013.0,
3747629.4,	29.0,	29.0,	0.0);	
(407021.4, 3747632.9,	29.0,	29.0,	0.0);	(407033.3,
3747644.8,	29.0,	29.0,	0.0);	
(407036.7, 3747653.2,	29.0,	29.0,	0.0);	(407040.2,
3747661.6,	29.0,	29.0,	0.0);	
(407043.7, 3747670.0,	29.0,	29.0,	0.0);	(407047.2,
3747678.4,	29.0,	29.0,	0.0);	
(407050.6, 3747686.8,	29.0,	29.0,	0.0);	(407054.1,
3747695.2,	29.0,	29.0,	0.0);	

(406962.6, 3747608.5,	29.0,	29.0,	0.0);	(406953.5,
3747608.5,	29.0,	29.0,	0.0);	
(406944.4, 3747608.5,	29.0,	29.0,	0.0);	(406935.2,
3747608.5,	29.0,	29.0,	0.0);	
(406926.1, 3747608.5,	29.0,	29.0,	0.0);	(406917.0,
3747608.5,	29.0,	29.0,	0.0);	
(406907.9, 3747608.5,	29.0,	29.0,	0.0);	(406898.8,
3747608.5,	29.0,	29.0,	0.0);	
(406970.4, 3747606.8,	29.0,	29.0,	0.0);	(406978.3,
3747610.0,	29.0,	29.0,	0.0);	
(406986.2, 3747613.3,	29.0,	29.0,	0.0);	(406994.0,
3747616.6,	29.0,	29.0,	0.0);	
(407001.9, 3747619.8,	29.0,	29.0,	0.0);	(407009.8,
3747623.1,	29.0,	29.0,	0.0);	
(407017.6, 3747626.3,	29.0,	29.0,	0.0);	(407025.5,
3747629.6,	29.0,	29.0,	0.0);	
(407036.6, 3747640.7,	29.0,	29.0,	0.0);	(407039.8,
3747648.6,	29.0,	29.0,	0.0);	
(407043.1, 3747656.4,	29.0,	29.0,	0.0);	(407046.3,
3747664.3,	29.0,	29.0,	0.0);	
(407049.6, 3747672.2,	29.0,	29.0,	0.0);	(407052.8,
3747680.0,	29.0,	29.0,	0.0);	
(407056.1, 3747687.9,	29.0,	29.0,	0.0);	(407059.3,
3747695.8,	29.0,	29.0,	0.0);	
(406962.6, 3747603.5,	29.0,	29.0,	0.0);	(406953.5,
3747603.5,	29.0,	29.0,	0.0);	
(406944.4, 3747603.5,	29.0,	29.0,	0.0);	(406935.2,
3747603.5,	29.0,	29.0,	0.0);	
(406926.1, 3747603.5,	29.0,	29.0,	0.0);	(406917.0,
3747603.5,	29.0,	29.0,	0.0);	
(406907.9, 3747603.5,	29.0,	29.0,	0.0);	(406898.8,
3747603.5,	29.0,	29.0,	0.0);	
(406893.8, 3747703.5,	29.0,	29.0,	0.0);	(406893.8,
3747712.6,	29.0,	29.0,	0.0);	

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406893.8, 3747721.7,	29.0,	29.0,	0.0);	(406893.8,
3747730.8,	29.0,	29.0,	0.0);	
(406893.8, 3747739.9,	29.0,	29.0,	0.0);	(406893.8,
3747749.0,	29.0,	29.0,	0.0);	
(406893.8, 3747758.1,	29.0,	29.0,	0.0);	(406893.8,
3747767.2,	29.0,	29.0,	0.0);	
(406888.8, 3747703.5,	29.0,	29.0,	0.0);	(406888.8,
3747712.6,	29.0,	29.0,	0.0);	
(406888.8, 3747721.7,	29.0,	29.0,	0.0);	(406888.8,
3747730.8,	29.0,	29.0,	0.0);	
(406888.8, 3747739.9,	29.0,	29.0,	0.0);	(406888.8,
3747749.0,	29.0,	29.0,	0.0);	
(406888.8, 3747758.1,	29.0,	29.0,	0.0);	(406888.8,
3747767.2,	29.0,	29.0,	0.0);	
(406886.0, 3747698.2,	29.0,	29.0,	0.0);	(406893.5,
3747690.7,	29.0,	29.0,	0.0);	
(406883.8, 3747703.5,	29.0,	29.0,	0.0);	(406883.8,
3747712.6,	29.0,	29.0,	0.0);	
(406883.8, 3747721.7,	29.0,	29.0,	0.0);	(406883.8,
3747730.8,	29.0,	29.0,	0.0);	

(406883.8, 3747739.9,	29.0,	29.0,	0.0);	(406883.8,
3747749.0,	29.0,	29.0,	0.0);	
(406883.8, 3747758.1,	29.0,	29.0,	0.0);	(406883.8,
3747767.2,	29.0,	29.0,	0.0);	
(406881.8, 3747696.4,	29.0,	29.0,	0.0);	(406891.8,
3747686.4,	29.0,	29.0,	0.0);	
(406878.8, 3747703.5,	29.0,	29.0,	0.0);	(406878.8,
3747712.6,	29.0,	29.0,	0.0);	
(406878.8, 3747721.7,	29.0,	29.0,	0.0);	(406878.8,
3747730.8,	29.0,	29.0,	0.0);	
(406878.8, 3747739.9,	29.0,	29.0,	0.0);	(406878.8,
3747749.0,	29.0,	29.0,	0.0);	
(406878.8, 3747758.1,	29.0,	29.0,	0.0);	(406878.8,
3747767.2,	29.0,	29.0,	0.0);	
(406876.3, 3747697.6,	29.0,	29.0,	0.0);	(406878.7,
3747691.7,	29.0,	29.0,	0.0);	
(406887.0, 3747683.4,	29.0,	29.0,	0.0);	(406892.9,
3747681.0,	29.0,	29.0,	0.0);	
(406873.8, 3747703.5,	29.0,	29.0,	0.0);	(406873.8,
3747712.6,	29.0,	29.0,	0.0);	
(406873.8, 3747721.7,	29.0,	29.0,	0.0);	(406873.8,
3747730.8,	29.0,	29.0,	0.0);	
(406873.8, 3747739.9,	29.0,	29.0,	0.0);	(406873.8,
3747749.0,	29.0,	29.0,	0.0);	
(406873.8, 3747758.1,	29.0,	29.0,	0.0);	(406873.8,
3747767.2,	29.0,	29.0,	0.0);	
(406871.8, 3747696.4,	29.0,	29.0,	0.0);	(406874.7,
3747689.4,	29.0,	29.0,	0.0);	
(406884.7, 3747679.4,	29.0,	29.0,	0.0);	(406891.8,
3747676.4,	29.0,	29.0,	0.0);	
(406868.8, 3747703.5,	29.0,	29.0,	0.0);	(406868.8,
3747712.6,	29.0,	29.0,	0.0);	
(406868.8, 3747721.7,	29.0,	29.0,	0.0);	(406868.8,
3747730.8,	29.0,	29.0,	0.0);	
(406868.8, 3747739.9,	29.0,	29.0,	0.0);	(406868.8,
3747749.0,	29.0,	29.0,	0.0);	
(406868.8, 3747758.1,	29.0,	29.0,	0.0);	(406868.8,
3747767.2,	29.0,	29.0,	0.0);	
(406867.2, 3747695.3,	29.0,	29.0,	0.0);	(406870.6,
3747687.0,	29.0,	29.0,	0.0);	
(406882.3, 3747675.3,	29.0,	29.0,	0.0);	(406890.6,
3747671.9,	29.0,	29.0,	0.0);	
(406863.8, 3747703.5,	29.0,	29.0,	0.0);	(406863.8,
3747712.6,	29.0,	29.0,	0.0);	
(406863.8, 3747721.7,	29.0,	29.0,	0.0);	(406863.8,
3747730.8,	29.0,	29.0,	0.0);	
(406863.8, 3747739.9,	29.0,	29.0,	0.0);	(406863.8,
3747749.0,	29.0,	29.0,	0.0);	
(406863.8, 3747758.1,	29.0,	29.0,	0.0);	(406863.8,
3747767.2,	29.0,	29.0,	0.0);	
(406861.8, 3747696.4,	29.0,	29.0,	0.0);	(406864.7,
3747689.4,	29.0,	29.0,	0.0);	
(406867.6, 3747682.3,	29.0,	29.0,	0.0);	(406877.6,
3747672.3,	29.0,	29.0,	0.0);	
(406884.7, 3747669.4,	29.0,	29.0,	0.0);	(406891.8,
3747666.4,	29.0,	29.0,	0.0);	
(406858.8, 3747703.5,	29.0,	29.0,	0.0);	(406858.8,
3747712.6,	29.0,	29.0,	0.0);	
(406858.8, 3747721.7,	29.0,	29.0,	0.0);	(406858.8,
3747730.8,	29.0,	29.0,	0.0);	
(406858.8, 3747739.9,	29.0,	29.0,	0.0);	(406858.8,
3747749.0,	29.0,	29.0,	0.0);	
(406858.8, 3747758.1,	29.0,	29.0,	0.0);	(406858.8,
3747767.2,	29.0,	29.0,	0.0);	
(406857.1, 3747695.6,	29.0,	29.0,	0.0);	(406860.4,
3747687.6,	29.0,	29.0,	0.0);	

(406863.7, 3747679.7, 29.0, 29.0, 0.0); (406875.0,
3747668.4, 29.0, 29.0, 0.0);
(406882.9, 3747665.1, 29.0, 29.0, 0.0); (406890.9,
3747661.8, 29.0, 29.0, 0.0);

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406853.8, 3747703.5, 29.0, 29.0, 0.0); (406853.8,
3747712.6, 29.0, 29.0, 0.0);
(406853.8, 3747721.7, 29.0, 29.0, 0.0); (406853.8,
3747730.8, 29.0, 29.0, 0.0);
(406853.8, 3747739.9, 29.0, 29.0, 0.0); (406853.8,
3747749.0, 29.0, 29.0, 0.0);
(406853.8, 3747758.1, 29.0, 29.0, 0.0); (406853.8,
3747767.2, 29.0, 29.0, 0.0);
(406851.8, 3747696.4, 29.0, 29.0, 0.0); (406854.7,
3747689.4, 29.0, 29.0, 0.0);
(406857.6, 3747682.3, 29.0, 29.0, 0.0); (406860.5,
3747675.2, 29.0, 29.0, 0.0);
(406870.5, 3747665.2, 29.0, 29.0, 0.0); (406877.6,
3747662.3, 29.0, 29.0, 0.0);
(406884.7, 3747659.4, 29.0, 29.0, 0.0); (406891.8,
3747656.4, 29.0, 29.0, 0.0);
(406848.8, 3747703.5, 29.0, 29.0, 0.0); (406848.8,
3747712.6, 29.0, 29.0, 0.0);
(406848.8, 3747721.7, 29.0, 29.0, 0.0); (406848.8,
3747730.8, 29.0, 29.0, 0.0);
(406848.8, 3747739.9, 29.0, 29.0, 0.0); (406848.8,
3747749.0, 29.0, 29.0, 0.0);
(406848.8, 3747758.1, 29.0, 29.0, 0.0); (406848.8,
3747767.2, 29.0, 29.0, 0.0);
(406847.0, 3747695.7, 29.0, 29.0, 0.0); (406850.3,
3747688.0, 29.0, 29.0, 0.0);
(406853.5, 3747680.2, 29.0, 29.0, 0.0); (406856.7,
3747672.4, 29.0, 29.0, 0.0);
(406867.7, 3747661.4, 29.0, 29.0, 0.0); (406875.5,
3747658.2, 29.0, 29.0, 0.0);
(406883.3, 3747655.0, 29.0, 29.0, 0.0); (406891.0,
3747651.7, 29.0, 29.0, 0.0);
(406843.8, 3747703.5, 29.0, 29.0, 0.0); (406843.8,
3747712.6, 29.0, 29.0, 0.0);
(406843.8, 3747721.7, 29.0, 29.0, 0.0); (406843.8,
3747730.8, 29.0, 29.0, 0.0);
(406843.8, 3747739.9, 29.0, 29.0, 0.0); (406843.8,
3747749.0, 29.0, 29.0, 0.0);
(406843.8, 3747758.1, 29.0, 29.0, 0.0); (406843.8,
3747767.2, 29.0, 29.0, 0.0);
(406841.8, 3747696.4, 29.0, 29.0, 0.0); (406844.7,
3747689.4, 29.0, 29.0, 0.0);
(406847.6, 3747682.3, 29.0, 29.0, 0.0); (406850.5,
3747675.2, 29.0, 29.0, 0.0);
(406853.5, 3747668.2, 29.0, 29.0, 0.0); (406863.5,
3747658.2, 29.0, 29.0, 0.0);
(406870.5, 3747655.2, 29.0, 29.0, 0.0); (406877.6,
3747652.3, 29.0, 29.0, 0.0);
(406884.7, 3747649.4, 29.0, 29.0, 0.0); (406891.8,
3747646.4, 29.0, 29.0, 0.0);

(406838.8, 3747703.5,	29.0,	29.0,	0.0);	(406838.8,
3747712.6,	29.0,	29.0,	0.0);	
(406838.8, 3747721.7,	29.0,	29.0,	0.0);	(406838.8,
3747730.8,	29.0,	29.0,	0.0);	
(406838.8, 3747739.9,	29.0,	29.0,	0.0);	(406838.8,
3747749.0,	29.0,	29.0,	0.0);	
(406838.8, 3747758.1,	29.0,	29.0,	0.0);	(406838.8,
3747767.2,	29.0,	29.0,	0.0);	
(406837.0, 3747695.9,	29.0,	29.0,	0.0);	(406840.2,
3747688.2,	29.0,	29.0,	0.0);	
(406843.3, 3747680.5,	29.0,	29.0,	0.0);	(406846.5,
3747672.9,	29.0,	29.0,	0.0);	
(406849.7, 3747665.2,	29.0,	29.0,	0.0);	(406860.5,
3747654.4,	29.0,	29.0,	0.0);	
(406868.2, 3747651.2,	29.0,	29.0,	0.0);	(406875.8,
3747648.0,	29.0,	29.0,	0.0);	
(406883.5, 3747644.9,	29.0,	29.0,	0.0);	(406891.2,
3747641.7,	29.0,	29.0,	0.0);	
(406833.8, 3747703.5,	29.0,	29.0,	0.0);	(406833.8,
3747712.6,	29.0,	29.0,	0.0);	
(406833.8, 3747721.7,	29.0,	29.0,	0.0);	(406833.8,
3747730.8,	29.0,	29.0,	0.0);	
(406833.8, 3747739.9,	29.0,	29.0,	0.0);	(406833.8,
3747749.0,	29.0,	29.0,	0.0);	
(406833.8, 3747758.1,	29.0,	29.0,	0.0);	(406833.8,
3747767.2,	29.0,	29.0,	0.0);	
(406832.2, 3747695.3,	29.0,	29.0,	0.0);	(406835.6,
3747687.0,	29.0,	29.0,	0.0);	
(406839.1, 3747678.8,	29.0,	29.0,	0.0);	(406842.5,
3747670.5,	29.0,	29.0,	0.0);	
(406845.9, 3747662.3,	29.0,	29.0,	0.0);	(406857.6,
3747650.6,	29.0,	29.0,	0.0);	
(406865.8, 3747647.2,	29.0,	29.0,	0.0);	(406874.1,
3747643.8,	29.0,	29.0,	0.0);	
(406882.3, 3747640.3,	29.0,	29.0,	0.0);	(406890.6,
3747636.9,	29.0,	29.0,	0.0);	
(406828.8, 3747703.5,	29.0,	29.0,	0.0);	(406828.8,
3747712.6,	29.0,	29.0,	0.0);	
(406828.8, 3747721.7,	29.0,	29.0,	0.0);	(406828.8,
3747730.8,	29.0,	29.0,	0.0);	


 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406828.8, 3747739.9,	29.0,	29.0,	0.0);	(406828.8,
3747749.0,	29.0,	29.0,	0.0);	
(406828.8, 3747758.1,	29.0,	29.0,	0.0);	(406828.8,
3747767.2,	29.0,	29.0,	0.0);	
(406827.0, 3747695.9,	29.0,	29.0,	0.0);	(406830.1,
3747688.4,	29.0,	29.0,	0.0);	
(406833.2, 3747680.8,	29.0,	29.0,	0.0);	(406836.4,
3747673.2,	29.0,	29.0,	0.0);	
(406839.5, 3747665.6,	29.0,	29.0,	0.0);	(406842.6,
3747658.1,	29.0,	29.0,	0.0);	
(406853.4, 3747647.3,	29.0,	29.0,	0.0);	(406860.9,
3747644.2,	29.0,	29.0,	0.0);	
(406868.5, 3747641.1,	29.0,	29.0,	0.0);	(406876.1,
3747637.9,	29.0,	29.0,	0.0);	

(406883.7, 3747634.8,	29.0,	29.0,	0.0);	(406891.2,
3747631.7,	29.0,	29.0,	0.0);	
(406823.8, 3747703.5,	29.0,	29.0,	0.0);	(406823.8,
3747712.6,	29.0,	29.0,	0.0);	
(406823.8, 3747721.7,	29.0,	29.0,	0.0);	(406823.8,
3747730.8,	29.0,	29.0,	0.0);	
(406823.8, 3747739.9,	29.0,	29.0,	0.0);	(406823.8,
3747749.0,	29.0,	29.0,	0.0);	
(406823.8, 3747758.1,	29.0,	29.0,	0.0);	(406823.8,
3747767.2,	29.0,	29.0,	0.0);	
(406822.2, 3747695.4,	29.0,	29.0,	0.0);	(406825.5,
3747687.4,	29.0,	29.0,	0.0);	
(406828.9, 3747679.3,	29.0,	29.0,	0.0);	(406832.2,
3747671.2,	29.0,	29.0,	0.0);	
(406835.6, 3747663.1,	29.0,	29.0,	0.0);	(406838.9,
3747655.0,	29.0,	29.0,	0.0);	
(406850.3, 3747643.6,	29.0,	29.0,	0.0);	(406858.4,
3747640.3,	29.0,	29.0,	0.0);	
(406874.6, 3747633.6,	29.0,	29.0,	0.0);	(406882.7,
3747630.2,	29.0,	29.0,	0.0);	
(406890.7, 3747626.9,	29.0,	29.0,	0.0);	(406818.8,
3747703.5,	29.0,	29.0,	0.0);	
(406818.8, 3747712.6,	29.0,	29.0,	0.0);	(406818.8,
3747721.7,	29.0,	29.0,	0.0);	
(406818.8, 3747730.8,	29.0,	29.0,	0.0);	(406818.8,
3747739.9,	29.0,	29.0,	0.0);	
(406818.8, 3747749.0,	29.0,	29.0,	0.0);	(406818.8,
3747758.1,	29.0,	29.0,	0.0);	
(406818.8, 3747767.2,	29.0,	29.0,	0.0);	(406816.9,
3747696.0,	29.0,	29.0,	0.0);	
(406820.0, 3747688.5,	29.0,	29.0,	0.0);	(406823.2,
3747681.0,	29.0,	29.0,	0.0);	
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3747665.9,	29.0,	29.0,	0.0);	
(406832.5, 3747658.4,	29.0,	29.0,	0.0);	(406835.6,
3747650.9,	29.0,	29.0,	0.0);	
(406846.2, 3747640.3,	29.0,	29.0,	0.0);	(406853.7,
3747637.2,	29.0,	29.0,	0.0);	
(406861.2, 3747634.1,	29.0,	29.0,	0.0);	(406868.8,
3747631.0,	29.0,	29.0,	0.0);	
(406876.3, 3747627.9,	29.0,	29.0,	0.0);	(406883.8,
3747624.7,	29.0,	29.0,	0.0);	
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3747703.5,	29.0,	29.0,	0.0);	
(406813.8, 3747712.6,	29.0,	29.0,	0.0);	(406813.8,
3747721.7,	29.0,	29.0,	0.0);	
(406813.8, 3747730.8,	29.0,	29.0,	0.0);	(406813.8,
3747739.9,	29.0,	29.0,	0.0);	
(406813.8, 3747749.0,	29.0,	29.0,	0.0);	(406813.8,
3747758.1,	29.0,	29.0,	0.0);	
(406813.8, 3747767.2,	29.0,	29.0,	0.0);	(406812.1,
3747695.6,	29.0,	29.0,	0.0);	
(406815.4, 3747687.6,	29.0,	29.0,	0.0);	(406818.7,
3747679.7,	29.0,	29.0,	0.0);	
(406822.0, 3747671.7,	29.0,	29.0,	0.0);	(406825.3,
3747663.8,	29.0,	29.0,	0.0);	
(406828.6, 3747655.8,	29.0,	29.0,	0.0);	(406831.9,
3747647.8,	29.0,	29.0,	0.0);	
(406843.1, 3747636.6,	29.0,	29.0,	0.0);	(406851.1,
3747633.3,	29.0,	29.0,	0.0);	
(406859.0, 3747630.0,	29.0,	29.0,	0.0);	(406867.0,
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3747616.8,	29.0,	29.0,	0.0);	
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( 406808.8, 3747739.9, 29.0, 29.0, 0.0); ( 406808.8,
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( 406808.8, 3747758.1, 29.0, 29.0, 0.0); ( 406808.8,
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( 406814.2, 3747678.3, 29.0, 29.0, 0.0); ( 406817.7,
3747669.9, 29.0, 29.0, 0.0);
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

```

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( 406848.4, 3747629.4, 29.0, 29.0, 0.0); ( 406856.8,
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( 406865.2, 3747622.4, 29.0, 29.0, 0.0); ( 406873.6,
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( 406803.8, 3747739.9, 29.0, 29.0, 0.0); ( 406803.8,
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( 406803.8, 3747758.1, 29.0, 29.0, 0.0); ( 406803.8,
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( 406802.1, 3747695.7, 29.0, 29.0, 0.0); ( 406805.3,
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( 406893.5, 3747780.0, 29.0, 29.0, 0.0); ( 406886.0,
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( 406917.0, 3747787.2, 29.0, 29.0, 0.0); ( 406926.1,
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( 406935.2, 3747787.2, 29.0, 29.0, 0.0); ( 406944.3,
3747787.2, 29.0, 29.0, 0.0);
( 406953.4, 3747787.2, 29.0, 29.0, 0.0); ( 406962.5,
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( 406892.9, 3747789.8, 29.0, 29.0, 0.0); ( 406887.0,
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( 406935.2, 3747792.2, 29.0, 29.0, 0.0); ( 406944.3,
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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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( 406917.0, 3747797.2, 29.0, 29.0, 0.0); ( 406926.1,
3747797.2, 29.0, 29.0, 0.0);

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(406953.4, 3747797.2,	29.0,	29.0,	0.0);	(406962.5,
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(406890.6, 3747798.8,	29.0,	29.0,	0.0);	(406882.3,
3747795.4,	29.0,	29.0,	0.0);	
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3747802.2,	29.0,	29.0,	0.0);	
(406953.4, 3747802.2,	29.0,	29.0,	0.0);	(406962.5,
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3747807.2,	29.0,	29.0,	0.0);	
(406935.2, 3747807.2,	29.0,	29.0,	0.0);	(406944.3,
3747807.2,	29.0,	29.0,	0.0);	
(406953.4, 3747807.2,	29.0,	29.0,	0.0);	(406962.5,
3747807.2,	29.0,	29.0,	0.0);	
(406890.9, 3747808.9,	29.0,	29.0,	0.0);	(406882.9,
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(406860.4, 3747783.1,	29.0,	29.0,	0.0);	(406857.1,
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(406917.0, 3747812.2,	29.0,	29.0,	0.0);	(406926.1,
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(406953.4, 3747812.2,	29.0,	29.0,	0.0);	(406962.5,
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(406891.8, 3747814.3,	29.0,	29.0,	0.0);	(406884.7,
3747811.3,	29.0,	29.0,	0.0);	
(406877.6, 3747808.4,	29.0,	29.0,	0.0);	(406870.5,
3747805.5,	29.0,	29.0,	0.0);	
(406860.5, 3747795.5,	29.0,	29.0,	0.0);	(406857.6,
3747788.4,	29.0,	29.0,	0.0);	
(406854.7, 3747781.3,	29.0,	29.0,	0.0);	(406851.8,
3747774.3,	29.0,	29.0,	0.0);	
(406898.8, 3747817.2,	29.0,	29.0,	0.0);	(406907.9,
3747817.2,	29.0,	29.0,	0.0);	
(406917.0, 3747817.2,	29.0,	29.0,	0.0);	(406926.1,
3747817.2,	29.0,	29.0,	0.0);	
(406935.2, 3747817.2,	29.0,	29.0,	0.0);	(406944.3,
3747817.2,	29.0,	29.0,	0.0);	
(406953.4, 3747817.2,	29.0,	29.0,	0.0);	(406962.5,
3747817.2,	29.0,	29.0,	0.0);	
(406891.0, 3747819.0,	29.0,	29.0,	0.0);	(406883.3,
3747815.8,	29.0,	29.0,	0.0);	
(406875.5, 3747812.5,	29.0,	29.0,	0.0);	(406867.7,
3747809.3,	29.0,	29.0,	0.0);	
(406856.7, 3747798.3,	29.0,	29.0,	0.0);	(406853.5,
3747790.5,	29.0,	29.0,	0.0);	

(406850.3, 3747782.8,	29.0,	29.0,	0.0);	(406847.0,
3747775.0,	29.0,	29.0,	0.0);	
(406898.8, 3747822.2,	29.0,	29.0,	0.0);	(406907.9,
3747822.2,	29.0,	29.0,	0.0);	
(406917.0, 3747822.2,	29.0,	29.0,	0.0);	(406926.1,
3747822.2,	29.0,	29.0,	0.0);	
(406935.2, 3747822.2,	29.0,	29.0,	0.0);	(406944.3,
3747822.2,	29.0,	29.0,	0.0);	
(406953.4, 3747822.2,	29.0,	29.0,	0.0);	(406962.5,
3747822.2,	29.0,	29.0,	0.0);	
(406891.8, 3747824.3,	29.0,	29.0,	0.0);	(406884.7,
3747821.3,	29.0,	29.0,	0.0);	
(406877.6, 3747818.4,	29.0,	29.0,	0.0);	(406870.5,
3747815.5,	29.0,	29.0,	0.0);	
(406863.5, 3747812.6,	29.0,	29.0,	0.0);	(406853.5,
3747802.6,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406850.5, 3747795.5,	29.0,	29.0,	0.0);	(406847.6,
3747788.4,	29.0,	29.0,	0.0);	
(406844.7, 3747781.3,	29.0,	29.0,	0.0);	(406841.8,
3747774.3,	29.0,	29.0,	0.0);	
(406898.8, 3747827.2,	29.0,	29.0,	0.0);	(406907.9,
3747827.2,	29.0,	29.0,	0.0);	
(406917.0, 3747827.2,	29.0,	29.0,	0.0);	(406926.1,
3747827.2,	29.0,	29.0,	0.0);	
(406935.2, 3747827.2,	29.0,	29.0,	0.0);	(406944.3,
3747827.2,	29.0,	29.0,	0.0);	
(406953.4, 3747827.2,	29.0,	29.0,	0.0);	(406962.5,
3747827.2,	29.0,	29.0,	0.0);	
(406891.2, 3747829.0,	29.0,	29.0,	0.0);	(406883.5,
3747825.8,	29.0,	29.0,	0.0);	
(406875.8, 3747822.7,	29.0,	29.0,	0.0);	(406868.2,
3747819.5,	29.0,	29.0,	0.0);	
(406860.5, 3747816.3,	29.0,	29.0,	0.0);	(406849.7,
3747805.5,	29.0,	29.0,	0.0);	
(406846.5, 3747797.8,	29.0,	29.0,	0.0);	(406843.3,
3747790.2,	29.0,	29.0,	0.0);	
(406840.2, 3747782.5,	29.0,	29.0,	0.0);	(406837.0,
3747774.9,	29.0,	29.0,	0.0);	
(406898.8, 3747832.2,	29.0,	29.0,	0.0);	(406907.9,
3747832.2,	29.0,	29.0,	0.0);	
(406917.0, 3747832.2,	29.0,	29.0,	0.0);	(406926.1,
3747832.2,	29.0,	29.0,	0.0);	
(406935.2, 3747832.2,	29.0,	29.0,	0.0);	(406944.3,
3747832.2,	29.0,	29.0,	0.0);	
(406953.4, 3747832.2,	29.0,	29.0,	0.0);	(406962.5,
3747832.2,	29.0,	29.0,	0.0);	
(406890.6, 3747833.8,	29.0,	29.0,	0.0);	(406882.3,
3747830.4,	29.0,	29.0,	0.0);	
(406874.1, 3747826.9,	29.0,	29.0,	0.0);	(406865.8,
3747823.5,	29.0,	29.0,	0.0);	
(406857.6, 3747820.1,	29.0,	29.0,	0.0);	(406845.9,
3747808.4,	29.0,	29.0,	0.0);	
(406842.5, 3747800.2,	29.0,	29.0,	0.0);	(406839.1,
3747791.9,	29.0,	29.0,	0.0);	

(406835.6, 3747783.7,	29.0,	29.0,	0.0);	(406832.2,
3747775.4,	29.0,	29.0,	0.0);	
(406898.8, 3747837.2,	29.0,	29.0,	0.0);	(406907.9,
3747837.2,	29.0,	29.0,	0.0);	
(406917.0, 3747837.2,	29.0,	29.0,	0.0);	(406926.1,
3747837.2,	29.0,	29.0,	0.0);	
(406935.2, 3747837.2,	29.0,	29.0,	0.0);	(406944.3,
3747837.2,	29.0,	29.0,	0.0);	
(406953.4, 3747837.2,	29.0,	29.0,	0.0);	(406962.5,
3747837.2,	29.0,	29.0,	0.0);	
(406891.2, 3747839.1,	29.0,	29.0,	0.0);	(406883.7,
3747835.9,	29.0,	29.0,	0.0);	
(406876.1, 3747832.8,	29.0,	29.0,	0.0);	(406868.5,
3747829.6,	29.0,	29.0,	0.0);	
(406860.9, 3747826.5,	29.0,	29.0,	0.0);	(406853.4,
3747823.4,	29.0,	29.0,	0.0);	
(406842.6, 3747812.7,	29.0,	29.0,	0.0);	(406839.5,
3747805.1,	29.0,	29.0,	0.0);	
(406836.4, 3747797.5,	29.0,	29.0,	0.0);	(406833.2,
3747789.9,	29.0,	29.0,	0.0);	
(406830.1, 3747782.3,	29.0,	29.0,	0.0);	(406827.0,
3747774.8,	29.0,	29.0,	0.0);	
(406898.8, 3747842.2,	29.0,	29.0,	0.0);	(406907.9,
3747842.2,	29.0,	29.0,	0.0);	
(406917.0, 3747842.2,	29.0,	29.0,	0.0);	(406926.1,
3747842.2,	29.0,	29.0,	0.0);	
(406935.2, 3747842.2,	29.0,	29.0,	0.0);	(406944.3,
3747842.2,	29.0,	29.0,	0.0);	
(406953.4, 3747842.2,	29.0,	29.0,	0.0);	(406962.5,
3747842.2,	29.0,	29.0,	0.0);	
(406890.7, 3747843.8,	29.0,	29.0,	0.0);	(406882.7,
3747840.5,	29.0,	29.0,	0.0);	
(406874.6, 3747837.2,	29.0,	29.0,	0.0);	(406858.4,
3747830.5,	29.0,	29.0,	0.0);	
(406850.3, 3747827.1,	29.0,	29.0,	0.0);	(406838.9,
3747815.7,	29.0,	29.0,	0.0);	
(406835.6, 3747807.6,	29.0,	29.0,	0.0);	(406832.2,
3747799.5,	29.0,	29.0,	0.0);	
(406828.9, 3747791.4,	29.0,	29.0,	0.0);	(406825.5,
3747783.4,	29.0,	29.0,	0.0);	
(406822.2, 3747775.3,	29.0,	29.0,	0.0);	(406898.8,
3747847.2,	29.0,	29.0,	0.0);	
(406907.9, 3747847.2,	29.0,	29.0,	0.0);	(406917.0,
3747847.2,	29.0,	29.0,	0.0);	
(406926.1, 3747847.2,	29.0,	29.0,	0.0);	(406935.2,
3747847.2,	29.0,	29.0,	0.0);	
(406944.3, 3747847.2,	29.0,	29.0,	0.0);	(406953.4,
3747847.2,	29.0,	29.0,	0.0);	
(406962.5, 3747847.2,	29.0,	29.0,	0.0);	(406891.3,
3747849.1,	29.0,	29.0,	0.0);	
(406883.8, 3747846.0,	29.0,	29.0,	0.0);	(406876.3,
3747842.9,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406868.8, 3747839.8,	29.0,	29.0,	0.0);	(406861.2,
3747836.6,	29.0,	29.0,	0.0);	

(406853.7, 3747833.5,	29.0,	29.0,	0.0);	(406846.2,
3747830.4,	29.0,	29.0,	0.0);	
(406835.6, 3747819.8,	29.0,	29.0,	0.0);	(406832.5,
3747812.3,	29.0,	29.0,	0.0);	
(406829.4, 3747804.8,	29.0,	29.0,	0.0);	(406826.3,
3747797.2,	29.0,	29.0,	0.0);	
(406823.2, 3747789.7,	29.0,	29.0,	0.0);	(406820.0,
3747782.2,	29.0,	29.0,	0.0);	
(406816.9, 3747774.7,	29.0,	29.0,	0.0);	(406898.8,
3747852.2,	29.0,	29.0,	0.0);	
(406907.9, 3747852.2,	29.0,	29.0,	0.0);	(406917.0,
3747852.2,	29.0,	29.0,	0.0);	
(406926.1, 3747852.2,	29.0,	29.0,	0.0);	(406935.2,
3747852.2,	29.0,	29.0,	0.0);	
(406944.3, 3747852.2,	29.0,	29.0,	0.0);	(406953.4,
3747852.2,	29.0,	29.0,	0.0);	
(406962.5, 3747852.2,	29.0,	29.0,	0.0);	(406890.9,
3747853.9,	29.0,	29.0,	0.0);	
(406882.9, 3747850.6,	29.0,	29.0,	0.0);	(406875.0,
3747847.3,	29.0,	29.0,	0.0);	
(406867.0, 3747844.0,	29.0,	29.0,	0.0);	(406859.0,
3747840.7,	29.0,	29.0,	0.0);	
(406851.1, 3747837.4,	29.0,	29.0,	0.0);	(406843.1,
3747834.1,	29.0,	29.0,	0.0);	
(406831.9, 3747822.9,	29.0,	29.0,	0.0);	(406828.6,
3747814.9,	29.0,	29.0,	0.0);	
(406825.3, 3747807.0,	29.0,	29.0,	0.0);	(406822.0,
3747799.0,	29.0,	29.0,	0.0);	
(406818.7, 3747791.1,	29.0,	29.0,	0.0);	(406815.4,
3747783.1,	29.0,	29.0,	0.0);	
(406812.1, 3747775.1,	29.0,	29.0,	0.0);	(406898.8,
3747857.2,	29.0,	29.0,	0.0);	
(406907.9, 3747857.2,	29.0,	29.0,	0.0);	(406917.0,
3747857.2,	29.0,	29.0,	0.0);	
(406926.1, 3747857.2,	29.0,	29.0,	0.0);	(406935.2,
3747857.2,	29.0,	29.0,	0.0);	
(406944.3, 3747857.2,	29.0,	29.0,	0.0);	(406953.4,
3747857.2,	29.0,	29.0,	0.0);	
(406962.5, 3747857.2,	29.0,	29.0,	0.0);	(406890.4,
3747858.7,	29.0,	29.0,	0.0);	
(406882.0, 3747855.2,	29.0,	29.0,	0.0);	(406873.6,
3747851.8,	29.0,	29.0,	0.0);	
(406865.2, 3747848.3,	29.0,	29.0,	0.0);	(406856.8,
3747844.8,	29.0,	29.0,	0.0);	
(406848.4, 3747841.3,	29.0,	29.0,	0.0);	(406840.0,
3747837.8,	29.0,	29.0,	0.0);	
(406828.2, 3747826.0,	29.0,	29.0,	0.0);	(406824.7,
3747817.6,	29.0,	29.0,	0.0);	
(406821.2, 3747809.2,	29.0,	29.0,	0.0);	(406817.7,
3747800.8,	29.0,	29.0,	0.0);	
(406814.2, 3747792.4,	29.0,	29.0,	0.0);	(406810.8,
3747784.0,	29.0,	29.0,	0.0);	
(406807.3, 3747775.6,	29.0,	29.0,	0.0);	(406898.8,
3747862.2,	29.0,	29.0,	0.0);	
(406907.9, 3747862.2,	29.0,	29.0,	0.0);	(406917.0,
3747862.2,	29.0,	29.0,	0.0);	
(406926.1, 3747862.2,	29.0,	29.0,	0.0);	(406935.2,
3747862.2,	29.0,	29.0,	0.0);	
(406944.3, 3747862.2,	29.0,	29.0,	0.0);	(406953.4,
3747862.2,	29.0,	29.0,	0.0);	
(406962.5, 3747862.2,	29.0,	29.0,	0.0);	(406891.0,
3747863.9,	29.0,	29.0,	0.0);	
(406883.1, 3747860.7,	29.0,	29.0,	0.0);	(406875.2,
3747857.4,	29.0,	29.0,	0.0);	
(406867.4, 3747854.2,	29.0,	29.0,	0.0);	(406859.5,
3747850.9,	29.0,	29.0,	0.0);	

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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

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

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( 406898.8, 3747703.5,      29.0,      29.0,
0.0);
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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons ***                    06/27/23

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

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

[illegible]

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

* * *

1.54, 3.09, 5.14, 8.23, 10.80,

*** AERMET - VERSION 16216 ***

* * *

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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ_U*
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Met

FREE

FREE

Year: 2012

[illegible]

[illegible]

406967.50	3747767.21	0.01245	406967.51
3747758.11	0.01460		
406967.52	3747749.01	0.01610	406967.53
3747739.91	0.01602		
406967.55	3747730.82	0.01422	406967.56
3747721.72	0.01177		
406967.57	3747712.62	0.00932	406967.58
3747703.53	0.00713		
406972.50	3747767.21	0.01074	406972.51
3747758.12	0.01218		
406972.52	3747749.02	0.01302	406972.53
3747739.92	0.01276		
406972.55	3747730.82	0.01137	406972.56
3747721.73	0.00956		
406972.57	3747712.63	0.00778	406972.58
3747703.53	0.00614		
406975.30	3747772.52	0.00912	406967.80
3747780.01	0.00945		

406977.50	3747767.22	0.00925	406977.51
3747758.12	0.01018		
406977.52	3747749.02	0.01062	406977.53
3747739.93	0.01027		
406977.55	3747730.83	0.00921	406977.56
3747721.73	0.00786		
406977.57	3747712.64	0.00654	406977.58
3747703.54	0.00530		
406979.57	3747774.29	0.00793	406969.57
3747784.28	0.00833		
406982.50	3747767.23	0.00796	406982.51
3747758.13	0.00855		
406982.52	3747749.03	0.00873	406982.53
3747739.93	0.00837		
406982.55	3747730.84	0.00755	406982.56
3747721.74	0.00654		
406982.57	3747712.64	0.00554	406982.58
3747703.55	0.00459		
406985.06	3747773.12	0.00696	406982.61
3747779.00	0.00689		
406974.28	3747787.33	0.00718	406968.39
3747789.76	0.00757		
406987.50	3747767.23	0.00687	406987.51
3747758.13	0.00722		
406987.52	3747749.04	0.00726	406987.53
3747739.94	0.00691		
406987.55	3747730.84	0.00627	406987.56
3747721.75	0.00550		
406987.57	3747712.65	0.00474	406987.58
3747703.55	0.00400		
406989.57	3747774.30	0.00610	406986.63
3747781.36	0.00608		
406976.63	3747791.35	0.00640	406969.57
3747794.28	0.00676		
406992.50	3747767.24	0.00594	406992.51
3747758.14	0.00614		
406992.52	3747749.04	0.00609	406992.53
3747739.95	0.00577		
406992.55	3747730.85	0.00526	406992.56
3747721.75	0.00468		
406992.57	3747712.65	0.00408	406992.58
3747703.56	0.00350		
406994.08	3747775.48	0.00538	406990.66
3747783.72	0.00539		
406978.99	3747795.38	0.00573	406970.74
3747798.79	0.00607		
406997.50	3747767.24	0.00515	406997.51
3747758.15	0.00525		
406997.52	3747749.05	0.00516	406997.53
3747739.95	0.00488		
406997.55	3747730.86	0.00447	406997.56
3747721.76	0.00401		
406997.57	3747712.66	0.00355	406997.58
3747703.56	0.00309		
406999.57	3747774.31	0.00471	406996.63
3747781.38	0.00482		
406993.70	3747788.44	0.00480	406983.70
3747798.43	0.00506		
406976.63	3747801.35	0.00535	406969.57
3747804.28	0.00551		
407002.50	3747767.25	0.00449	407002.51
3747758.15	0.00452		

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
407002.52	3747749.06	0.00441		407002.53	
3747739.96	0.00417				
407002.55	3747730.86	0.00384		407002.56	
3747721.76	0.00348				
407002.57	3747712.67	0.00310		407002.58	
3747703.57	0.00273				
407004.20	3747775.20	0.00417		407000.90	
3747783.15	0.00430				
406997.60	3747791.09	0.00431		406986.35	
3747802.33	0.00457				
406978.40	3747805.62	0.00485		406970.45	
3747808.91	0.00498				
407007.50	3747767.26	0.00393		407007.51	
3747758.16	0.00392				
407007.52	3747749.06	0.00380		407007.53	
3747739.97	0.00360				
407007.55	3747730.87	0.00333		407007.56	
3747721.77	0.00303				
407007.57	3747712.67	0.00273		407007.58	
3747703.58	0.00243				
407009.57	3747774.33	0.00367		407006.63	
3747781.39	0.00382				
407003.70	3747788.45	0.00389		407000.77	
3747795.51	0.00388				
406990.77	3747805.50	0.00409		406983.70	
3747808.43	0.00433				
406976.63	3747811.35	0.00448		406969.57	
3747814.28	0.00452				
407012.50	3747767.26	0.00345		407012.51	
3747758.17	0.00342				
407012.52	3747749.07	0.00331		407012.53	
3747739.97	0.00313				
407012.55	3747730.87	0.00291		407012.56	
3747721.78	0.00267				
407012.57	3747712.68	0.00242		407012.58	
3747703.58	0.00218				
407014.27	3747775.04	0.00327		407011.05	
3747782.81	0.00343				
407007.82	3747790.58	0.00351		407004.59	
3747798.35	0.00351				
406993.59	3747809.33	0.00373		406985.82	
3747812.55	0.00395				
406978.05	3747815.77	0.00409		406970.27	
3747818.98	0.00412				
407017.50	3747767.27	0.00305		407017.51	
3747758.17	0.00300				
407017.52	3747749.07	0.00290		407017.53	
3747739.98	0.00274				
407017.55	3747730.88	0.00256		407017.56	


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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:23:21
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
407027.50	3747767.28	0.00241	407027.51	
3747758.18	0.00235			
407027.52	3747749.09	0.00227	407027.53	
3747739.99	0.00215			
407027.55	3747730.89	0.00202	407027.56	
3747721.80	0.00189			
407027.57	3747712.70	0.00175	407027.58	
3747703.60	0.00160			
407029.08	3747775.53	0.00234	407025.66	
3747783.77	0.00250			
407022.23	3747792.01	0.00261	407018.81	
3747800.25	0.00267			
407015.39	3747808.49	0.00268	407003.72	
3747820.14	0.00285			

406995.48	3747823.55	0.00303	406987.23
3747826.96	0.00314		
406978.99	3747830.38	0.00318	406970.74
3747833.79	0.00314		
407032.50	3747767.29	0.00216	407032.51
3747758.19	0.00210		
407032.52	3747749.09	0.00202	407032.53
3747740.00	0.00192		
407032.55	3747730.90	0.00182	407032.56
3747721.80	0.00170		
407032.57	3747712.71	0.00158	407032.58
3747703.61	0.00146		
407034.36	3747774.86	0.00209	407031.21
3747782.43	0.00223		
407028.07	3747790.00	0.00234	407024.93
3747797.56	0.00242		
407021.79	3747805.13	0.00246	407018.64
3747812.70	0.00246		
407007.93	3747823.40	0.00261	407000.36
3747826.53	0.00276		
406992.79	3747829.67	0.00287	406985.21
3747832.80	0.00293		
406977.64	3747835.93	0.00294	406970.07
3747839.07	0.00288		
407037.50	3747767.29	0.00194	407037.51
3747758.20	0.00189		
407037.52	3747749.10	0.00181	407037.53
3747740.00	0.00173		
407037.55	3747730.91	0.00164	407037.56
3747721.81	0.00154		
407037.57	3747712.71	0.00144	407037.58
3747703.61	0.00133		
407039.15	3747775.37	0.00190	407035.80
3747783.44	0.00203		
407032.44	3747791.52	0.00215	407029.09
3747799.59	0.00223		
407025.74	3747807.66	0.00227	407022.39
3747815.73	0.00227		
407010.96	3747827.15	0.00242	407002.88
3747830.49	0.00256		
406986.73	3747837.17	0.00272	406978.65
3747840.52	0.00272		
406970.58	3747843.86	0.00265	407042.50
3747767.30	0.00175		
407042.51	3747758.20	0.00170	407042.52
3747749.11	0.00164		
407042.53	3747740.01	0.00156	407042.55
3747730.91	0.00148		
407042.56	3747721.81	0.00140	407042.57
3747712.72	0.00131		
407042.58	3747703.62	0.00122	407044.38
3747774.81	0.00171		
407041.27	3747782.32	0.00183	407038.15
3747789.82	0.00193		
407035.03	3747797.32	0.00201	407031.92
3747804.83	0.00207		
407028.80	3747812.33	0.00210	407025.68
3747819.84	0.00210		
407015.06	3747830.45	0.00223	407007.55
3747833.56	0.00235		
407000.04	3747836.66	0.00245	406992.53
3747839.77	0.00251		
406985.02	3747842.88	0.00253	406977.52
3747845.99	0.00251		
406970.01	3747849.09	0.00244	407047.50
3747767.31	0.00158		

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
407047.51	3747758.21	0.00154	407047.52	
3747749.11	0.00148			
407047.53	3747740.02	0.00142	407047.55	
3747730.92	0.00135			
407047.56	3747721.82	0.00128	407047.57	
3747712.72	0.00120			
407047.58	3747703.63	0.00112	407049.20	
3747775.26	0.00156			
407045.90	3747783.20	0.00167	407042.60	
3747791.15	0.00177			
407039.30	3747799.10	0.00186	407036.00	
3747807.04	0.00192			
407032.70	3747814.99	0.00195	407029.40	
3747822.93	0.00195			
407018.15	3747834.17	0.00207	407010.20	
3747837.46	0.00220			
407002.25	3747840.75	0.00229	406994.30	
3747844.04	0.00234			
406978.40	3747850.62	0.00233	406970.45	
3747853.91	0.00226			
407052.50	3747767.31	0.00144	407052.51	
3747758.22	0.00140			
407052.52	3747749.12	0.00135	407052.53	
3747740.02	0.00129			
407052.55	3747730.92	0.00123	407052.56	
3747721.83	0.00117			
407052.57	3747712.73	0.00110	407052.58	
3747703.63	0.00103			
407054.02	3747775.71	0.00143	407050.53	
3747784.09	0.00154			
407047.05	3747792.48	0.00163	407043.57	
3747800.87	0.00172			
407040.08	3747809.26	0.00178	407036.60	
3747817.64	0.00181			
407033.12	3747826.03	0.00182	407021.24	
3747837.89	0.00194			
407012.85	3747841.36	0.00205	407004.46	
3747844.84	0.00214			
406996.07	3747848.31	0.00219	406987.67	
3747851.78	0.00220			
406979.28	3747855.25	0.00217	406970.89	
3747858.73	0.00209			
407057.50	3747767.32	0.00131	407057.51	
3747758.22	0.00127			
407057.52	3747749.13	0.00123	407057.53	

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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
***
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***      15:23:21

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406907.93	3747698.52	0.00851	406898.82	
3747698.52	0.00672			
406962.58	3747693.52	0.00584	406953.47	
3747693.52	0.00707			
406944.36	3747693.52	0.00819	406935.25	
3747693.52	0.00888			
406926.15	3747693.52	0.00884	406917.04	
3747693.52	0.00807			
406907.93	3747693.52	0.00689	406898.82	
3747693.52	0.00563			

406967.89	3747690.72	0.00474	406975.39
3747698.23	0.00492		
406962.58	3747688.52	0.00492	406953.47
3747688.52	0.00579		
406944.36	3747688.52	0.00655	406935.25
3747688.52	0.00700		
406926.15	3747688.52	0.00696	406917.04
3747688.52	0.00645		
406907.93	3747688.52	0.00564	406898.82
3747688.52	0.00473		
406969.66	3747686.45	0.00401	406979.66
3747696.47	0.00421		
406962.58	3747683.52	0.00416	406953.47
3747683.52	0.00479		
406944.36	3747683.52	0.00531	406935.25
3747683.52	0.00561		
406926.15	3747683.52	0.00558	406917.04
3747683.52	0.00523		
406907.93	3747683.52	0.00466	406898.82
3747683.52	0.00400		
406968.48	3747680.96	0.00348	406974.37
3747683.41	0.00336		
406982.71	3747691.75	0.00350	406985.14
3747697.65	0.00377		
406962.58	3747678.52	0.00354	406953.47
3747678.52	0.00400		
406944.36	3747678.52	0.00437	406935.25
3747678.52	0.00457		
406926.15	3747678.52	0.00454	406917.04
3747678.52	0.00430		
406907.93	3747678.52	0.00389	406898.82
3747678.52	0.00340		
406969.66	3747676.45	0.00299	406976.73
3747679.39	0.00289		
406986.73	3747689.40	0.00303	406989.66
3747696.48	0.00330		
406962.58	3747673.52	0.00303	406953.47
3747673.52	0.00337		
406944.36	3747673.52	0.00364	406935.25
3747673.52	0.00378		
406926.15	3747673.52	0.00375	406917.04
3747673.52	0.00357		
406907.93	3747673.52	0.00328	406898.82
3747673.52	0.00291		
406970.83	3747671.94	0.00259	406979.09
3747675.36	0.00251		
406990.76	3747687.05	0.00265	406994.17
3747695.30	0.00290		
406962.58	3747668.52	0.00261	406953.47
3747668.52	0.00287		
406944.36	3747668.52	0.00306	406935.25
3747668.52	0.00316		
406926.15	3747668.52	0.00314	406917.04
3747668.52	0.00301		
406907.93	3747668.52	0.00279	406898.82
3747668.52	0.00251		
406969.66	3747666.45	0.00227	406976.73
3747669.39	0.00223		
406983.81	3747672.32	0.00216	406993.81
3747682.33	0.00227		
406996.73	3747689.41	0.00246	406999.66
3747696.49	0.00261		
406962.58	3747663.52	0.00227	406953.47
3747663.52	0.00246		
406944.36	3747663.52	0.00260	406935.25
3747663.52	0.00267		

406926.15	3747663.52	0.00266	406917.04
3747663.52	0.00256		
406907.93	3747663.52	0.00239	406898.82
3747663.52	0.00218		

*** AERMOD - VERSION 22112 ***
 C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** 15:23:21

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				
406970.54	3747661.82	0.00199		406978.50	
3747665.12	0.00196				
406986.46	3747668.42	0.00190		406997.71	
3747679.68	0.00200				
407001.00	3747687.65	0.00218		407004.29	
3747695.61	0.00233				
406962.58	3747658.52	0.00198		406953.47	
3747658.52	0.00213				
406944.36	3747658.52	0.00223		406935.25	
3747658.52	0.00229				
406926.15	3747658.52	0.00227		406917.04	
3747658.52	0.00220				
406907.93	3747658.52	0.00207		406898.82	
3747658.52	0.00190				
406969.66	3747656.45	0.00176		406976.73	
3747659.39	0.00175				
406983.81	3747662.32	0.00172		406990.88	
3747665.25	0.00167				
407000.88	3747675.27	0.00175		407003.81	
3747682.35	0.00189				
407006.73	3747689.42	0.00201		407009.66	
3747696.50	0.00211				
406962.58	3747653.52	0.00174		406953.47	
3747653.52	0.00185				
406944.36	3747653.52	0.00193		406935.25	
3747653.52	0.00197				
406926.15	3747653.52	0.00196		406917.04	
3747653.52	0.00190				
406907.93	3747653.52	0.00180		406898.82	
3747653.52	0.00167				
406970.36	3747651.75	0.00156		406978.15	
3747654.97	0.00156				
406985.93	3747658.20	0.00153		406993.71	
3747661.43	0.00149				
407004.71	3747672.44	0.00156		407007.93	
3747680.23	0.00169				
407011.15	3747688.01	0.00181		407014.36	
3747695.80	0.00189				
406962.58	3747648.52	0.00153		406953.47	
3747648.52	0.00162				
406944.36	3747648.52	0.00169		406935.25	

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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***          06/27/23
*** AERMET - VERSION 16216 ***
***                                     ***

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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ  U*
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
406907.93	3747638.52	0.00124	406898.82	
3747638.52	0.00117			
406970.83	3747636.94	0.00111	406979.09	
3747640.36	0.00112			
406987.34	3747643.79	0.00112	406995.60	
3747647.21	0.00110			

407003.85	3747650.63	0.00107	407015.52
3747662.31	0.00113		
407018.93	3747670.57	0.00122	407022.34
3747678.83	0.00130		
407025.76	3747687.09	0.00137	407029.17
3747695.35	0.00142		
406962.58	3747633.52	0.00109	406953.47
3747633.52	0.00113		
406944.36	3747633.52	0.00116	406935.25
3747633.52	0.00118		
406926.15	3747633.52	0.00117	406917.04
3747633.52	0.00114		
406907.93	3747633.52	0.00110	406898.82
3747633.52	0.00105		
406970.16	3747631.66	0.00100	406977.74
3747634.81	0.00101		
406985.32	3747637.95	0.00102	406992.90
3747641.09	0.00101		
407000.48	3747644.23	0.00099	407008.07
3747647.38	0.00097		
407018.78	3747658.11	0.00101	407021.91
3747665.69	0.00109		
407025.05	3747673.27	0.00116	407028.18
3747680.86	0.00122		
407031.31	3747688.44	0.00127	407034.45
3747696.03	0.00131		
406962.58	3747628.52	0.00098	406953.47
3747628.52	0.00101		
406944.36	3747628.52	0.00104	406935.25
3747628.52	0.00105		
406926.15	3747628.52	0.00104	406917.04
3747628.52	0.00102		
406907.93	3747628.52	0.00099	406898.82
3747628.52	0.00094		
406970.67	3747626.87	0.00090	406978.75
3747630.22	0.00092		
406986.84	3747633.58	0.00092	407003.01
3747640.28	0.00090		
407011.10	3747643.63	0.00088	407022.53
3747655.08	0.00093		
407025.87	3747663.17	0.00100	407029.21
3747671.26	0.00106		
407032.55	3747679.35	0.00112	407035.90
3747687.44	0.00117		
407039.24	3747695.53	0.00120	406962.58
3747623.52	0.00088		
406953.47	3747623.52	0.00091	406944.36
3747623.52	0.00093		
406935.25	3747623.52	0.00094	406926.15
3747623.52	0.00094		
406917.04	3747623.52	0.00092	406907.93
3747623.52	0.00089		
406898.82	3747623.52	0.00085	406970.10
3747621.64	0.00082		
406977.62	3747624.75	0.00083	406985.13
3747627.87	0.00084		
406992.65	3747630.99	0.00084	407000.17
3747634.10	0.00083		
407007.69	3747637.22	0.00082	407015.20
3747640.34	0.00080		
407025.83	3747650.98	0.00084	407028.94
3747658.50	0.00090		
407032.04	3747666.02	0.00095	407035.15
3747673.54	0.00100		
407038.26	3747681.06	0.00105	407041.37
3747688.58	0.00108		

407044.47	3747696.11	0.00111	406962.58
3747618.52	0.00080		
406953.47	3747618.52	0.00082	406944.36
3747618.52	0.00084		
406935.25	3747618.52	0.00085	406926.15
3747618.52	0.00084		
406917.04	3747618.52	0.00083	406907.93
3747618.52	0.00080		

*** AERMOD - VERSION 22112 ***
 C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** 15:23:21

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
				**	
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				
406898.82	3747618.52	0.00077		406970.54	
3747616.82	0.00075				
406978.50	3747620.12	0.00076		406994.42	
3747626.72	0.00077				
407002.38	3747630.02	0.00076		407010.34	
3747633.32	0.00075				
407018.30	3747636.62	0.00074		407029.55	
3747647.88	0.00077				
407032.84	3747655.85	0.00083		407036.13	
3747663.81	0.00088				
407039.42	3747671.78	0.00093		407042.71	
3747679.74	0.00097				
407046.00	3747687.70	0.00100		407049.29	
3747695.67	0.00102				
406962.58	3747613.52	0.00073		406953.47	
3747613.52	0.00075				
406944.36	3747613.52	0.00076		406935.25	
3747613.52	0.00077				
406926.15	3747613.52	0.00076		406917.04	
3747613.52	0.00075				
406907.93	3747613.52	0.00073		406898.82	
3747613.52	0.00070				
406970.98	3747612.00	0.00068		406979.38	
3747615.49	0.00070				
406987.79	3747618.97	0.00071		406996.19	
3747622.45	0.00071				
407004.59	3747625.94	0.00070		407012.99	
3747629.42	0.00069				
407021.40	3747632.90	0.00068		407033.27	
3747644.79	0.00071				
407036.74	3747653.20	0.00076		407040.22	
3747661.61	0.00081				
407043.69	3747670.01	0.00086		407047.16	
3747678.42	0.00089				
407050.63	3747686.83	0.00092		407054.11	
3747695.23	0.00094				
406962.58	3747608.52	0.00066		406953.47	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15:23:21

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406888.82	3747739.91	0.00981	406888.82	
3747749.01	0.00900			

406888.82	3747758.10	0.00768	406888.82
3747767.20	0.00628		
406886.02	3747698.22	0.00466	406893.52
3747690.72	0.00453		
406883.82	3747703.52	0.00500	406883.82
3747712.62	0.00611		
406883.82	3747721.71	0.00713	406883.82
3747730.81	0.00777		
406883.82	3747739.91	0.00782	406883.82
3747749.01	0.00727		
406883.82	3747758.10	0.00635	406883.82
3747767.20	0.00532		
406881.75	3747696.45	0.00397	406891.75
3747686.45	0.00382		
406878.82	3747703.52	0.00430	406878.82
3747712.62	0.00513		
406878.82	3747721.71	0.00586	406878.82
3747730.81	0.00631		
406878.82	3747739.91	0.00634	406878.82
3747749.01	0.00596		
406878.82	3747758.10	0.00530	406878.82
3747767.20	0.00453		
406876.26	3747697.63	0.00352	406878.70
3747691.73	0.00328		
406887.03	3747683.40	0.00318	406892.93
3747680.96	0.00332		
406873.82	3747703.52	0.00371	406873.82
3747712.62	0.00434		
406873.82	3747721.71	0.00488	406873.82
3747730.81	0.00520		
406873.82	3747739.91	0.00523	406873.82
3747749.01	0.00496		
406873.82	3747758.10	0.00447	406873.82
3747767.20	0.00389		
406871.75	3747696.45	0.00306	406874.68
3747689.38	0.00282		
406884.68	3747679.38	0.00272	406891.75
3747676.45	0.00285		
406868.82	3747703.52	0.00323	406868.82
3747712.62	0.00371		
406868.82	3747721.71	0.00411	406868.82
3747730.81	0.00434		
406868.82	3747739.91	0.00437	406868.82
3747749.01	0.00417		
406868.82	3747758.10	0.00381	406868.82
3747767.20	0.00337		
406867.24	3747695.27	0.00267	406870.65
3747687.02	0.00245		
406882.32	3747675.35	0.00235	406890.57
3747671.94	0.00246		
406863.82	3747703.52	0.00282	406863.82
3747712.62	0.00319		
406863.82	3747721.71	0.00350	406863.82
3747730.81	0.00368		
406863.82	3747739.91	0.00369	406863.82
3747749.01	0.00355		
406863.82	3747758.10	0.00328	406863.82
3747767.20	0.00293		
406861.75	3747696.45	0.00239	406864.68
3747689.38	0.00226		
406867.61	3747682.31	0.00209	406877.61
3747672.31	0.00202		
406884.68	3747669.38	0.00210	406891.75
3747666.45	0.00216		
406858.82	3747703.52	0.00248	406858.82
3747712.62	0.00277		

406858.82	3747721.71	0.00301	406858.82
3747730.81	0.00314		
406858.82	3747739.91	0.00316	406858.82
3747749.01	0.00305		
406858.82	3747758.10	0.00284	406858.82
3747767.20	0.00257		
406857.12	3747695.57	0.00212	406860.41
3747687.61	0.00200		
406863.71	3747679.66	0.00184	406874.96
3747668.41	0.00177		
406882.91	3747665.11	0.00185	406890.87
3747661.82	0.00189		

*** AERMOD - VERSION 22112 ***
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 GP\14635 Cons
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

406853.82	3747703.52	0.00219	406853.82		
3747712.62	0.00243				
406853.82	3747721.71	0.00261	406853.82		
3747730.81	0.00271				
406853.82	3747739.91	0.00272	406853.82		
3747749.01	0.00264				
406853.82	3747758.10	0.00248	406853.82		
3747767.20	0.00226				
406851.75	3747696.45	0.00190	406854.68		
3747689.38	0.00182				
406857.61	3747682.31	0.00172	406860.54		
3747675.24	0.00160				
406870.54	3747665.24	0.00154	406877.61		
3747662.31	0.00161				
406884.68	3747659.38	0.00165	406891.75		
3747656.45	0.00167				
406848.82	3747703.52	0.00195	406848.82		
3747712.62	0.00214				
406848.82	3747721.71	0.00228	406848.82		
3747730.81	0.00236				
406848.82	3747739.91	0.00237	406848.82		
3747749.01	0.00231				
406848.82	3747758.10	0.00218	406848.82		
3747767.20	0.00201				
406847.04	3747695.74	0.00170	406850.26		
3747687.96	0.00163				
406853.49	3747680.19	0.00153	406856.71		
3747672.41	0.00142				
406867.71	3747661.41	0.00137	406875.49		
3747658.19	0.00143				
406883.26	3747654.96	0.00146	406891.04		
3747651.74	0.00148				
406843.82	3747703.52	0.00174	406843.82		

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FF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

406845.91	3747662.27	0.00101	406857.57
3747650.61	0.00098		
406865.82	3747647.19	0.00101	406874.07
3747643.77	0.00104		
406882.32	3747640.35	0.00106	406890.57
3747636.94	0.00106		
406828.82	3747703.52	0.00127	406828.82
3747712.62	0.00136		
406828.82	3747721.71	0.00142	406828.82
3747730.81	0.00146		
406828.82	3747739.91	0.00146	406828.82
3747749.01	0.00144		
406828.82	3747758.10	0.00138	406828.82
3747767.20	0.00130		
406826.96	3747695.94	0.00115	406830.10
3747688.37	0.00112		
406833.23	3747680.79	0.00108	406836.37
3747673.22	0.00103		
406839.51	3747665.64	0.00097	406842.65
3747658.06	0.00091		
406853.36	3747647.35	0.00088	406860.94
3747644.21	0.00091		
406868.52	3747641.07	0.00093	406876.09
3747637.93	0.00095		
406883.67	3747634.80	0.00096	406891.24
3747631.66	0.00095		
406823.82	3747703.52	0.00116	406823.82
3747712.62	0.00123		
406823.82	3747721.71	0.00128	406823.82
3747730.81	0.00131		
406823.82	3747739.91	0.00132	406823.82
3747749.01	0.00129		
406823.82	3747758.10	0.00125	406823.82
3747767.20	0.00118		
406822.17	3747695.44	0.00105	406825.51
3747687.36	0.00103		
406828.86	3747679.28	0.00099	406832.21
3747671.20	0.00094		
406835.56	3747663.11	0.00089	406838.90
3747655.03	0.00082		
406850.33	3747643.60	0.00080	406858.41
3747640.26	0.00083		
406874.58	3747633.56	0.00086	406882.66
3747630.21	0.00087		
406890.74	3747626.87	0.00086	406818.82
3747703.52	0.00105		
406818.82	3747712.62	0.00112	406818.82
3747721.71	0.00116		
406818.82	3747730.81	0.00119	406818.82
3747739.91	0.00119		
406818.82	3747749.01	0.00117	406818.82
3747758.10	0.00113		
406818.82	3747767.20	0.00108	406816.93
3747696.01	0.00096		
406820.04	3747688.49	0.00095	406823.16
3747680.98	0.00092		
406826.27	3747673.47	0.00089	406829.38
3747665.95	0.00084		
406832.49	3747658.44	0.00080	406835.60
3747650.93	0.00074		
406846.23	3747640.30	0.00072	406853.74
3747637.19	0.00075		
406861.25	3747634.08	0.00077	406868.77
3747630.97	0.00078		

406876.28	3747627.86	0.00079	406883.79
3747624.74	0.00079		
406891.31	3747621.63	0.00078	406813.82
3747703.52	0.00096		
406813.82	3747712.62	0.00102	406813.82
3747721.71	0.00106		
406813.82	3747730.81	0.00108	406813.82
3747739.91	0.00108		
406813.82	3747749.01	0.00106	406813.82
3747758.10	0.00103		
406813.82	3747767.20	0.00098	406812.12
3747695.57	0.00088		
406815.41	3747687.61	0.00087	406818.71
3747679.66	0.00085		
406822.00	3747671.70	0.00081	406825.30
3747663.75	0.00077		


 *** AERMOD - VERSION 22112 ***
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 GP\14635 Cons *** 06/27/23

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				
406828.59	3747655.79	0.00073		406831.89	
3747647.84	0.00068				
406843.14	3747636.59	0.00066		406851.09	
3747633.29	0.00068				
406859.05	3747630.00	0.00070		406867.00	
3747626.70	0.00071				
406882.91	3747620.11	0.00072		406890.87	
3747616.82	0.00071				
406808.82	3747703.52	0.00088		406808.82	
3747712.62	0.00093				
406808.82	3747721.71	0.00096		406808.82	
3747730.81	0.00098				
406808.82	3747739.91	0.00098		406808.82	
3747749.01	0.00097				
406808.82	3747758.10	0.00094		406808.82	
3747767.20	0.00090				
406807.30	3747695.12	0.00081		406810.78	
3747686.73	0.00080				
406814.25	3747678.33	0.00078		406817.73	
3747669.93	0.00075				
406821.21	3747661.54	0.00071		406824.69	
3747653.14	0.00067				
406828.17	3747644.74	0.00063		406840.04	
3747632.87	0.00060				
406848.44	3747629.39	0.00063		406856.84	
3747625.91	0.00064				
406865.23	3747622.43	0.00065		406873.63	
3747618.95	0.00066				
406882.03	3747615.48	0.00066		406890.42	

3747612.00	0.00065		
406803.82	3747703.52	0.00081	406803.82
3747712.62	0.00085		
406803.82	3747721.71	0.00088	406803.82
3747730.81	0.00090		
406803.82	3747739.91	0.00090	406803.82
3747749.01	0.00089		
406803.82	3747758.10	0.00086	406803.82
3747767.20	0.00083		
406802.07	3747695.66	0.00075	406805.33
3747687.81	0.00074		
406808.58	3747679.95	0.00073	406811.84
3747672.09	0.00071		
406815.09	3747664.24	0.00068	406818.35
3747656.38	0.00064		
406821.60	3747648.52	0.00061	406824.85
3747640.67	0.00057		
406835.97	3747629.55	0.00055	406843.82
3747626.30	0.00057		
406851.68	3747623.05	0.00059	406859.54
3747619.79	0.00060		
406867.39	3747616.54	0.00060	406875.25
3747613.28	0.00061		
406883.11	3747610.03	0.00061	406890.96
3747606.77	0.00060		
406798.82	3747703.52	0.00075	406798.82
3747712.62	0.00079		
406798.82	3747721.71	0.00081	406798.82
3747730.81	0.00082		
406798.82	3747739.91	0.00083	406798.82
3747749.01	0.00082		
406798.82	3747758.10	0.00079	406798.82
3747767.20	0.00076		
406898.82	3747772.20	0.00776	406907.92
3747772.20	0.01064		
406917.01	3747772.20	0.01423	406926.11
3747772.20	0.01737		
406935.21	3747772.20	0.01865	406944.31
3747772.20	0.01778		
406953.40	3747772.20	0.01549	406962.50
3747772.20	0.01273		
406898.82	3747777.20	0.00674	406907.92
3747777.20	0.00904		
406917.01	3747777.20	0.01177	406926.11
3747777.20	0.01412		
406935.21	3747777.20	0.01520	406944.31
3747777.20	0.01478		
406953.40	3747777.20	0.01326	406962.50
3747777.20	0.01125		
406893.52	3747780.00	0.00531	406886.02
3747772.50	0.00508		

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** 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				
406898.82	3747782.20	0.00587	406907.92		
3747782.20	0.00770				
406917.01	3747782.20	0.00980	406926.11		
3747782.20	0.01161				
406935.21	3747782.20	0.01254	406944.31		
3747782.20	0.01240				
406953.40	3747782.20	0.01140	406962.50		
3747782.20	0.00993				
406891.75	3747784.27	0.00454	406881.75		
3747774.27	0.00430				
406898.82	3747787.20	0.00513	406907.92		
3747787.20	0.00660				
406917.01	3747787.20	0.00824	406926.11		
3747787.20	0.00967				
406935.21	3747787.20	0.01047	406944.31		
3747787.20	0.01049				
406953.40	3747787.20	0.00984	406962.50		
3747787.20	0.00878				
406892.93	3747789.76	0.00410	406887.03		
3747787.32	0.00372				
406878.70	3747778.99	0.00358	406876.26		
3747773.09	0.00376				
406898.82	3747792.20	0.00450	406907.92		
3747792.20	0.00569				
406917.01	3747792.20	0.00700	406926.11		
3747792.20	0.00815				
406935.21	3747792.20	0.00885	406944.31		
3747792.20	0.00896				
406953.40	3747792.20	0.00855	406962.50		
3747792.20	0.00778				
406891.75	3747794.27	0.00358	406884.68		
3747791.34	0.00321				
406874.68	3747781.34	0.00308	406871.75		
3747774.27	0.00325				
406898.82	3747797.20	0.00398	406907.92		
3747797.20	0.00495				
406917.01	3747797.20	0.00600	406926.11		
3747797.20	0.00694				
406935.21	3747797.20	0.00755	406944.31		
3747797.20	0.00771				
406953.40	3747797.20	0.00747	406962.50		
3747797.20	0.00692				
406890.57	3747798.78	0.00314	406882.32		
3747795.37	0.00280				
406870.65	3747783.70	0.00268	406867.24		
3747775.45	0.00284				
406898.82	3747802.20	0.00353	406907.92		
3747802.20	0.00433				
406917.01	3747802.20	0.00520	406926.11		
3747802.20	0.00597				
406935.21	3747802.20	0.00650	406944.31		
3747802.20	0.00669				
406953.40	3747802.20	0.00656	406962.50		
3747802.20	0.00617				
406891.75	3747804.27	0.00287	406884.68		
3747801.34	0.00261				
406877.61	3747798.41	0.00237	406867.61		
3747788.41	0.00230				
406864.68	3747781.34	0.00242	406861.75		
3747774.27	0.00252				

406898.82	3747807.20	0.00315	406907.92
3747807.20	0.00382		
406917.01	3747807.20	0.00453	406926.11
3747807.20	0.00518		
406935.21	3747807.20	0.00565	406944.31
3747807.20	0.00585		
406953.40	3747807.20	0.00579	406962.50
3747807.20	0.00552		
406890.87	3747808.90	0.00256	406882.91
3747805.61	0.00231		
406874.96	3747802.31	0.00209	406863.71
3747791.06	0.00202		
406860.41	3747783.11	0.00214	406857.12
3747775.15	0.00222		
406898.82	3747812.20	0.00282	406907.92
3747812.20	0.00339		
406917.01	3747812.20	0.00398	406926.11
3747812.20	0.00453		
406935.21	3747812.20	0.00494	406944.31
3747812.20	0.00515		

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***      06/27/23
*** AERMET - VERSION 16216 ***
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15:23:21

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC	X-COORD (M)	Y-COORD
(M)	CONC					
406953.40	3747812.20	0.00514		406962.50		
3747812.20	0.00495					
406891.75	3747814.27	0.00234		406884.68		
3747811.34	0.00215					
406877.61	3747808.41	0.00197		406870.54		
3747805.48	0.00182					
406860.54	3747795.48	0.00177		406857.61		
3747788.41	0.00186					
406854.68	3747781.34	0.00193		406851.75		
3747774.27	0.00198					
406898.82	3747817.20	0.00254		406907.92		
3747817.20	0.00302					
406917.01	3747817.20	0.00353		406926.11		
3747817.20	0.00400					
406935.21	3747817.20	0.00435		406944.31		
3747817.20	0.00456					
406953.40	3747817.20	0.00459		406962.50		
3747817.20	0.00446					
406891.04	3747818.98	0.00211		406883.26		
3747815.76	0.00193					
406875.49	3747812.53	0.00176		406867.71		
3747809.31	0.00162					
406856.71	3747798.31	0.00157		406853.49		
3747790.53	0.00166					
406850.26	3747782.76	0.00173		406847.04		

3747774.98	0.00177		
406898.82	3747822.20	0.00230	406907.92
3747822.20	0.00271		
406917.01	3747822.20	0.00314	406926.11
3747822.20	0.00354		
406935.21	3747822.20	0.00386	406944.31
3747822.20	0.00405		
406953.40	3747822.20	0.00411	406962.50
3747822.20	0.00403		
406891.75	3747824.27	0.00194	406884.68
3747821.34	0.00179		
406877.61	3747818.41	0.00166	406870.54
3747815.48	0.00154		
406863.46	3747812.56	0.00143	406853.46
3747802.56	0.00139		
406850.54	3747795.48	0.00146	406847.61
3747788.41	0.00152		
406844.68	3747781.34	0.00157	406841.75
3747774.27	0.00159		
406898.82	3747827.20	0.00208	406907.92
3747827.20	0.00244		
406917.01	3747827.20	0.00281	406926.11
3747827.20	0.00316		
406935.21	3747827.20	0.00344	406944.31
3747827.20	0.00363		
406953.40	3747827.20	0.00369	406962.50
3747827.20	0.00365		
406891.16	3747829.03	0.00176	406883.50
3747825.85	0.00162		
406875.84	3747822.68	0.00150	406868.18
3747819.51	0.00138		
406860.52	3747816.33	0.00128	406849.69
3747805.50	0.00125		
406846.51	3747797.84	0.00132	406843.34
3747790.18	0.00137		
406840.17	3747782.52	0.00141	406836.99
3747774.86	0.00144		
406898.82	3747832.20	0.00190	406907.92
3747832.20	0.00221		
406917.01	3747832.20	0.00253	406926.11
3747832.20	0.00284		
406935.21	3747832.20	0.00309	406944.31
3747832.20	0.00326		
406953.40	3747832.20	0.00334	406962.50
3747832.20	0.00332		
406890.57	3747833.78	0.00161	406882.32
3747830.37	0.00148		
406874.07	3747826.95	0.00136	406865.82
3747823.53	0.00125		
406857.57	3747820.11	0.00116	406845.91
3747808.45	0.00113		
406842.49	3747800.20	0.00119	406839.07
3747791.95	0.00124		
406835.65	3747783.70	0.00128	406832.24
3747775.45	0.00130		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 15:23:21

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN			**
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD	
(M)	CONC					
406898.82	3747837.20	0.00174		406907.92		
3747837.20	0.00201					
406917.01	3747837.20	0.00229		406926.11		
3747837.20	0.00256					
406935.21	3747837.20	0.00278		406944.31		
3747837.20	0.00294					
406953.40	3747837.20	0.00302		406962.50		
3747837.20	0.00303					
406891.24	3747839.06	0.00149		406883.67		
3747835.92	0.00138					
406876.09	3747832.79	0.00128		406868.52		
3747829.65	0.00119					
406860.94	3747826.51	0.00111		406853.36		
3747823.37	0.00104					
406842.65	3747812.66	0.00102		406839.51		
3747805.08	0.00107					
406836.37	3747797.50	0.00111		406833.23		
3747789.93	0.00115					
406830.10	3747782.35	0.00117		406826.96		
3747774.78	0.00118					
406898.82	3747842.20	0.00159		406907.92		
3747842.20	0.00183					
406917.01	3747842.20	0.00208		406926.11		
3747842.20	0.00231					
406935.21	3747842.20	0.00252		406944.31		
3747842.20	0.00266					
406953.40	3747842.20	0.00275		406962.50		
3747842.20	0.00277					
406890.74	3747843.85	0.00137		406882.66		
3747840.51	0.00127					
406874.58	3747837.16	0.00117		406858.41		
3747830.46	0.00101					
406850.33	3747827.12	0.00094		406838.90		
3747815.69	0.00093					
406835.56	3747807.61	0.00097		406832.21		
3747799.52	0.00101					
406828.86	3747791.44	0.00105		406825.51		
3747783.36	0.00107					
406822.17	3747775.28	0.00108		406898.82		
3747847.20	0.00147					
406907.92	3747847.20	0.00168		406917.01		
3747847.20	0.00190					
406926.11	3747847.20	0.00210		406935.21		
3747847.20	0.00229					
406944.31	3747847.20	0.00242		406953.40		
3747847.20	0.00251					
406962.50	3747847.20	0.00253		406891.31		
3747849.09	0.00127					
406883.79	3747845.98	0.00119		406876.28		
3747842.86	0.00111					
406868.77	3747839.75	0.00104		406861.25		
3747836.64	0.00097					
406853.74	3747833.53	0.00091		406846.23		
3747830.42	0.00086					
406835.60	3747819.79	0.00084		406832.49		
3747812.28	0.00088					

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
***
***      15.23.21

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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ  U*
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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406818.71	3747791.06	0.00089	406815.41	
3747783.11	0.00090			
406812.12	3747775.15	0.00091	406898.82	
3747857.20	0.00125			
406907.92	3747857.20	0.00142	406917.01	
3747857.20	0.00159			
406926.11	3747857.20	0.00176	406935.21	
3747857.20	0.00191			
406944.31	3747857.20	0.00202	406953.40	
3747857.20	0.00211			
406962.50	3747857.20	0.00214	406890.42	
3747858.72	0.00109			
406882.03	3747855.24	0.00101	406873.63	
3747851.77	0.00094			
406865.23	3747848.29	0.00088	406856.84	
3747844.81	0.00082			
406848.44	3747841.33	0.00077	406840.04	
3747837.85	0.00072			
406828.17	3747825.98	0.00071	406824.69	
3747817.58	0.00074			
406821.21	3747809.18	0.00077	406817.73	

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406967.50	3747767.21	0.23951	(13112016)	406967.51	
3747758.11	0.26294	(12121416)			
406967.52	3747749.01	0.30289	(12121416)	406967.53	

3747739.91	0.29226	(12121416)	
406967.55	3747730.82	0.27161	(15122816) 406967.56
3747721.72	0.30005	(15122816)	
406967.57	3747712.62	0.27904	(15122816) 406967.58
3747703.53	0.22820	(15122816)	
406972.50	3747767.21	0.20417	(13112016) 406972.51
3747758.12	0.24153	(12121416)	
406972.52	3747749.02	0.26800	(12121416) 406972.53
3747739.92	0.25250	(12121416)	
406972.55	3747730.82	0.22989	(15122816) 406972.56
3747721.73	0.26053	(15122816)	
406972.57	3747712.63	0.25152	(15122816) 406972.58
3747703.53	0.21484	(15122816)	
406975.30	3747772.52	0.18434	(13112016) 406967.80
3747780.01	0.21943	(14120316)	
406977.50	3747767.22	0.18103	(12121416) 406977.51
3747758.12	0.21983	(12121416)	
406977.52	3747749.02	0.23583	(12121416) 406977.53
3747739.93	0.21739	(12121416)	
406977.55	3747730.83	0.19914	(12122416) 406977.56
3747721.73	0.22495	(15122816)	
406977.57	3747712.64	0.22465	(15122816) 406977.58
3747703.54	0.19961	(15122816)	
406979.57	3747774.29	0.16117	(13112016) 406969.57
3747784.28	0.19906	(14120316)	
406982.50	3747767.23	0.16997	(12121416) 406982.51
3747758.13	0.19893	(12121416)	
406982.52	3747749.03	0.20720	(12121416) 406982.53
3747739.93	0.18736	(12121416)	
406982.55	3747730.84	0.17402	(12122416) 406982.56
3747721.74	0.19390	(15122816)	
406982.57	3747712.64	0.19956	(15122816) 406982.58
3747703.55	0.18369	(15122816)	
406985.06	3747773.12	0.14248	(12121416) 406982.61
3747779.00	0.14616	(13112016)	
406974.28	3747787.33	0.17045	(12113016) 406968.39
3747789.76	0.19762	(14120316)	
406987.50	3747767.23	0.15846	(12121416) 406987.51
3747758.13	0.17950	(12121416)	
406987.52	3747749.04	0.18220	(12121416) 406987.53
3747739.94	0.16209	(12121416)	
406987.55	3747730.84	0.15308	(12122416) 406987.56
3747721.75	0.16728	(15122816)	
406987.57	3747712.65	0.17679	(15122816) 406987.58
3747703.55	0.16789	(15122816)	
406989.57	3747774.30	0.13233	(12121416) 406986.63
3747781.36	0.12997	(13112016)	
406976.63	3747791.35	0.15599	(12113016) 406969.57
3747794.28	0.18245	(14120316)	
406992.50	3747767.24	0.14694	(12121416) 406992.51
3747758.14	0.16177	(12121416)	
406992.52	3747749.04	0.16056	(12121416) 406992.53
3747739.95	0.14091	(12121416)	
406992.55	3747730.85	0.13555	(12122416) 406992.56
3747721.75	0.14468	(15122816)	
406992.57	3747712.65	0.15647	(15122816) 406992.58
3747703.56	0.15277	(15122816)	
406994.08	3747775.48	0.12298	(12121416) 406990.66
3747783.72	0.11596	(13112016)	
406978.99	3747795.38	0.14322	(12113016) 406970.74
3747798.79	0.16886	(14120316)	
406997.50	3747767.24	0.13582	(12121416) 406997.51
3747758.15	0.14580	(12121416)	
406997.52	3747749.05	0.14194	(12121416) 406997.53
3747739.95	0.12312	(12121416)	
406997.55	3747730.86	0.12079	(12122416) 406997.56

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:23:21
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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ  U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407002.52	3747749.06	0.12593	(12121416)	407002.53	
3747739.96	0.10820	(12121416)			
407002.55	3747730.86	0.10826	(12122416)	407002.56	
3747721.76	0.10933	(15122816)			
407002.57	3747712.67	0.12275	(15122816)	407002.58	
3747703.57	0.12554	(15122816)			
407004.20	3747775.20	0.11018	(12121416)	407000.90	
3747783.15	0.09705	(12121416)			
406997.60	3747791.09	0.09657	(13112016)	406986.35	
3747802.33	0.11564	(12113016)			
406978.40	3747805.62	0.13240	(12113016)	406970.45	
3747808.91	0.15272	(14120316)			
407007.50	3747767.26	0.11538	(12121416)	407007.51	
3747758.16	0.11883	(12121416)			
407007.52	3747749.06	0.11212	(12121416)	407007.53	
3747739.97	0.09559	(12121416)			
407007.55	3747730.87	0.09757	(12122416)	407007.56	
3747721.77	0.09559	(15122816)			
407007.57	3747712.67	0.10898	(15122816)	407007.58	
3747703.58	0.11361	(15122816)			
407009.57	3747774.33	0.10412	(12121416)	407006.63	
3747781.39	0.09617	(12121416)			
407003.70	3747788.45	0.08377	(12121716)	407000.77	
3747795.51	0.08932	(13112016)			
406990.77	3747805.50	0.10422	(13112016)	406983.70	
3747808.43	0.11755	(12113016)			
406976.63	3747811.35	0.12937	(14120316)	406969.57	
3747814.28	0.14606	(14120316)			
407012.50	3747767.26	0.10625	(12121416)	407012.51	
3747758.17	0.10756	(12121416)			
407012.52	3747749.07	0.10022	(12121416)	407012.53	
3747739.97	0.08589	(16010616)			
407012.55	3747730.87	0.08838	(12122416)	407012.56	
3747721.78	0.08654	(12122416)			

407012.57	3747712.68	0.09695	(15122816)	407012.58
3747703.58	0.10280	(15122816)		
407014.27	3747775.04	0.09699	(12121416)	407011.05
3747782.81	0.08987	(12121416)		
407007.82	3747790.58	0.07787	(12121416)	407004.59
3747798.35	0.08155	(13112016)		
406993.59	3747809.33	0.09656	(13112016)	406985.82
3747812.55	0.10948	(12113016)		
406978.05	3747815.77	0.12052	(14120316)	406970.27
3747818.98	0.13647	(14120316)		
407017.50	3747767.27	0.09785	(12121416)	407017.51
3747758.17	0.09756	(12121416)		
407017.52	3747749.07	0.08991	(12121416)	407017.53
3747739.98	0.07800	(16010616)		
407017.55	3747730.88	0.08042	(12122416)	407017.56
3747721.78	0.07908	(12122416)		
407017.57	3747712.69	0.08643	(15122816)	407017.58
3747703.59	0.09304	(15122816)		
407019.57	3747774.34	0.09086	(12121416)	407016.63
3747781.40	0.08693	(12121416)		
407013.70	3747788.46	0.07893	(12121416)	407010.77
3747795.53	0.07192	(12121716)		
407007.83	3747802.59	0.07580	(13112016)	406997.83
3747812.58	0.08829	(13112016)		
406990.77	3747815.50	0.09802	(12113016)	406983.70
3747818.43	0.10721	(12113016)		
406976.63	3747821.35	0.11828	(14120316)	406969.57
3747824.28	0.12952	(14120316)		
407022.50	3747767.28	0.09015	(12121416)	407022.51
3747758.18	0.08869	(12121416)		
407022.52	3747749.08	0.08097	(12121416)	407022.53
3747739.98	0.07111	(16010616)		
407022.55	3747730.89	0.07350	(12122416)	407022.56
3747721.79	0.07253	(12122416)		
407022.57	3747712.69	0.07725	(15122816)	407022.58
3747703.60	0.08427	(15122816)		
407024.32	3747774.93	0.08472	(12121416)	407021.14
3747782.58	0.08150	(12121416)		
407017.97	3747790.24	0.07399	(12121416)	407014.79
3747797.89	0.06700	(12121716)		
407011.61	3747805.54	0.06974	(13112016)	407000.78
3747816.36	0.08220	(13112016)		
406993.12	3747819.53	0.09161	(12113016)	406985.47
3747822.70	0.10036	(12113016)		
406977.81	3747825.86	0.11083	(14120316)	406970.16
3747829.03	0.12133	(14120316)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:23:21

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

407027.50	3747767.28	0.08313	(12121416)	407027.51
3747758.18	0.08081	(12121416)		
407027.52	3747749.09	0.07317	(12121416)	407027.53
3747739.99	0.06508	(16010616)		
407027.55	3747730.89	0.06743	(12122416)	407027.56
3747721.80	0.06676	(12122416)		
407027.57	3747712.70	0.06921	(15122816)	407027.58
3747703.60	0.07641	(15122816)		
407029.08	3747775.53	0.07907	(12121416)	407025.66
3747783.77	0.07650	(12121416)		
407022.23	3747792.01	0.06951	(12121416)	407018.81
3747800.25	0.06255	(12121716)		
407015.39	3747808.49	0.06436	(13112016)	407003.72
3747820.14	0.07675	(13112016)		
406995.48	3747823.55	0.08581	(12113016)	406987.23
3747826.96	0.09415	(12113016)		
406978.99	3747830.38	0.10404	(14120316)	406970.74
3747833.79	0.11383	(14120316)		
407032.50	3747767.29	0.07673	(12121416)	407032.51
3747758.19	0.07380	(12121416)		
407032.52	3747749.09	0.06633	(12121416)	407032.53
3747740.00	0.05979	(12122416)		
407032.55	3747730.90	0.06207	(12122416)	407032.56
3747721.80	0.06163	(12122416)		
407032.57	3747712.71	0.06216	(15122816)	407032.58
3747703.61	0.06936	(15122816)		
407034.36	3747774.86	0.07377	(12121416)	407031.21
3747782.43	0.07301	(12121416)		
407028.07	3747790.00	0.06871	(12121416)	407024.93
3747797.56	0.06151	(12121416)		
407021.79	3747805.13	0.05845	(12121716)	407018.64
3747812.70	0.06033	(13112016)		
407007.93	3747823.40	0.07083	(13112016)	407000.36
3747826.53	0.07748	(12113016)		
406992.79	3747829.67	0.08568	(12113016)	406985.21
3747832.80	0.09052	(14120316)		
406977.64	3747835.93	0.10101	(14120316)	406970.07
3747839.07	0.10779	(14120316)		
407037.50	3747767.29	0.07090	(12121416)	407037.51
3747758.20	0.06755	(12121416)		
407037.52	3747749.10	0.06034	(12121416)	407037.53
3747740.00	0.05523	(12122416)		
407037.55	3747730.91	0.05733	(12122416)	407037.56
3747721.81	0.05706	(12122416)		
407037.57	3747712.71	0.05597	(15122816)	407037.58
3747703.61	0.06305	(15122816)		
407039.15	3747775.37	0.06895	(12121416)	407035.80
3747783.44	0.06867	(12121416)		
407032.44	3747791.52	0.06480	(12121416)	407029.09
3747799.59	0.05792	(12121416)		
407025.74	3747807.66	0.05487	(12121716)	407022.39
3747815.73	0.05602	(13112016)		
407010.96	3747827.15	0.06641	(13112016)	407002.88
3747830.49	0.07281	(12113016)		
406986.73	3747837.17	0.08516	(14120316)	406978.65
3747840.52	0.09518	(14120316)		
406970.58	3747843.86	0.10136	(14120316)	407042.50
3747767.30	0.06559	(12121416)		
407042.51	3747758.20	0.06196	(12121416)	407042.52
3747749.11	0.05531	(16010616)		
407042.53	3747740.01	0.05116	(12122416)	407042.55
3747730.91	0.05310	(12122416)		
407042.56	3747721.81	0.05298	(12122416)	407042.57
3747712.72	0.05154	(16011916)		
407042.58	3747703.62	0.05739	(15122816)	407044.38

3747774.81	0.06425	(12121416)		
407041.27	3747782.32	0.06500	(12121416)	407038.15
3747789.82	0.06291	(12121416)		
407035.03	3747797.32	0.05826	(12121416)	407031.92
3747804.83	0.05161	(12121416)		
407028.80	3747812.33	0.05143	(12121716)	407025.68
3747819.84	0.05270	(13112016)		
407015.06	3747830.45	0.06165	(13112016)	407007.55
3747833.56	0.06619	(12113016)		
407000.04	3747836.66	0.07370	(12113016)	406992.53
3747839.77	0.07855	(12113016)		
406985.02	3747842.88	0.08426	(14120316)	406977.52
3747845.99	0.09164	(14120316)		
406970.01	3747849.09	0.09585	(14120316)	407047.50
3747767.31	0.06076	(12121416)		

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
407047.51	3747758.21	0.05696	(12121416)	407047.52	
3747749.11	0.05137	(16010616)			
407047.53	3747740.02	0.04752	(12122416)	407047.55	
3747730.92	0.04933	(12122416)			
407047.56	3747721.82	0.04931	(12122416)	407047.57	
3747712.72	0.04794	(16011916)			
407047.58	3747703.63	0.05232	(15122816)	407049.20	
3747775.26	0.06014	(12121416)			
407045.90	3747783.20	0.06124	(12121416)	407042.60	
3747791.15	0.05948	(12121416)			
407039.30	3747799.10	0.05511	(12121416)	407036.00	
3747807.04	0.04872	(12121416)			
407032.70	3747814.99	0.04849	(12121716)	407029.40	
3747822.93	0.04920	(13112016)			
407018.15	3747834.17	0.05803	(13112016)	407010.20	
3747837.46	0.06236	(12113016)			
407002.25	3747840.75	0.06964	(12113016)	406994.30	
3747844.04	0.07420	(12113016)			
406978.40	3747850.62	0.08661	(14120316)	406970.45	
3747853.91	0.09034	(14120316)			
407052.50	3747767.31	0.05635	(12121416)	407052.51	
3747758.22	0.05248	(12121416)			
407052.52	3747749.12	0.04782	(16010616)	407052.53	
3747740.02	0.04427	(12122416)			
407052.55	3747730.92	0.04594	(12122416)	407052.56	
3747721.83	0.04601	(12122416)			
407052.57	3747712.73	0.04467	(16011916)	407052.58	
3747703.63	0.04778	(15122816)			
407054.02	3747775.71	0.05637	(12121416)	407050.53	
3747784.09	0.05777	(12121416)			

407047.05	3747792.48	0.05632	(12121416)	407043.57
3747800.87	0.05222	(12121416)		
407040.08	3747809.26	0.04606	(12121416)	407036.60
3747817.64	0.04581	(12121716)		
407033.12	3747826.03	0.04602	(13112016)	407021.24
3747837.89	0.05473	(13112016)		
407012.85	3747841.36	0.05889	(13112016)	407004.46
3747844.84	0.06591	(12113016)		
406996.07	3747848.31	0.07020	(12113016)	406987.67
3747851.78	0.07535	(14120316)		
406979.28	3747855.25	0.08196	(14120316)	406970.89
3747858.73	0.08526	(14120316)		
407057.50	3747767.32	0.05234	(12121416)	407057.51
3747758.22	0.04844	(12121416)		
407057.52	3747749.13	0.04462	(16010616)	407057.53
3747740.03	0.04133	(12122416)		
407057.55	3747730.93	0.04289	(12122416)	407057.56
3747721.83	0.04302	(12122416)		
407057.57	3747712.74	0.04176	(12122416)	407057.58
3747703.64	0.04369	(15122816)		
407059.24	3747775.17	0.05256	(12121416)	407055.98
3747783.02	0.05445	(12121416)		
407052.72	3747790.87	0.05410	(12121416)	407049.46
3747798.72	0.05156	(12121416)		
407046.20	3747806.56	0.04714	(12121416)	407042.94
3747814.41	0.04322	(12121716)		
407039.68	3747822.26	0.04316	(12121716)	407036.43
3747830.11	0.04355	(13112016)		
407025.31	3747841.20	0.05116	(13112016)	407017.46
3747844.45	0.05501	(13112016)		
407009.61	3747847.70	0.06048	(12113016)	407001.76
3747850.95	0.06513	(12113016)		
406993.91	3747854.20	0.06721	(12113016)	406986.06
3747857.45	0.07382	(14120316)		
406978.20	3747860.70	0.07861	(14120316)	406970.35
3747863.95	0.08066	(14120316)		
407062.50	3747767.33	0.04868	(12121416)	407062.51
3747758.23	0.04481	(12121416)		
407062.52	3747749.13	0.04172	(16010616)	407062.53
3747740.03	0.03868	(12122416)		
407062.55	3747730.94	0.04013	(12122416)	407062.56
3747721.84	0.04032	(12122416)		
407062.57	3747712.74	0.03925	(12122416)	407062.58
3747703.65	0.04002	(15122816)		
406962.58	3747698.52	0.19866	(15122816)	406953.47
3747698.52	0.20705	(13121016)		
406944.36	3747698.52	0.23113	(12122016)	406935.25
3747698.52	0.24027	(12122016)		
406926.15	3747698.52	0.22073	(12122016)	406917.04
3747698.52	0.19612	(16120216)		

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406907.93	3747698.52	0.21663	(13112916)	406898.82	
3747698.52	0.21978	(13112916)			
406962.58	3747693.52	0.16727	(13121016)	406953.47	
3747693.52	0.17971	(13121016)			
406944.36	3747693.52	0.19973	(12122016)	406935.25	
3747693.52	0.20410	(12122016)			
406926.15	3747693.52	0.18680	(12122016)	406917.04	
3747693.52	0.17400	(16120216)			
406907.93	3747693.52	0.17205	(13112916)	406898.82	
3747693.52	0.18355	(13112916)			
406967.89	3747690.72	0.14765	(15122816)	406975.39	
3747698.23	0.18275	(15122816)			
406962.58	3747688.52	0.14939	(13121016)	406953.47	
3747688.52	0.15913	(12122016)			
406944.36	3747688.52	0.17323	(12122016)	406935.25	
3747688.52	0.17437	(12122016)			
406926.15	3747688.52	0.16035	(16120216)	406917.04	
3747688.52	0.15427	(16120216)			
406907.93	3747688.52	0.13471	(16120216)	406898.82	
3747688.52	0.15083	(13112916)			
406969.66	3747686.45	0.13290	(13121016)	406979.66	
3747696.47	0.16745	(15122816)			
406962.58	3747683.52	0.13243	(13121016)	406953.47	
3747683.52	0.14136	(12122016)			
406944.36	3747683.52	0.15097	(12122016)	406935.25	
3747683.52	0.15001	(12122016)			
406926.15	3747683.52	0.14080	(16120216)	406917.04	
3747683.52	0.13706	(16120216)			
406907.93	3747683.52	0.12219	(16120216)	406898.82	
3747683.52	0.12237	(13112916)			
406968.48	3747680.96	0.12035	(13121016)	406974.37	
3747683.41	0.11865	(13121016)			
406982.71	3747691.75	0.14528	(15122816)	406985.14	
3747697.65	0.16044	(15122816)			
406962.58	3747678.52	0.11678	(13121016)	406953.47	
3747678.52	0.12592	(12122016)			
406944.36	3747678.52	0.13229	(12122016)	406935.25	
3747678.52	0.12998	(12122016)			
406926.15	3747678.52	0.12427	(16120216)	406917.04	
3747678.52	0.12219	(16120216)			
406907.93	3747678.52	0.11088	(16120216)	406898.82	
3747678.52	0.09832	(13112916)			
406969.66	3747676.45	0.10841	(13121016)	406976.73	
3747679.39	0.10777	(13121016)			
406986.73	3747689.40	0.13292	(15122816)	406989.66	
3747696.48	0.14772	(15122816)			
406962.58	3747673.52	0.10324	(12122016)	406953.47	
3747673.52	0.11252	(12122016)			
406944.36	3747673.52	0.11655	(12122016)	406935.25	
3747673.52	0.11343	(12122016)			
406926.15	3747673.52	0.11029	(16120216)	406917.04	
3747673.52	0.10936	(16120216)			
406907.93	3747673.52	0.10076	(16120216)	406898.82	
3747673.52	0.08695	(16120216)			
406970.83	3747671.94	0.09780	(13121016)	406979.09	
3747675.36	0.09823	(13121016)			
406990.76	3747687.05	0.12202	(15122816)	406994.17	
3747695.30	0.13612	(15122816)			
406962.58	3747668.52	0.09399	(12122016)	406953.47	
3747668.52	0.10091	(12122016)			
406944.36	3747668.52	0.10323	(12122016)	406935.25	

3747668.52	0.09965	(12122016)	
406926.15	3747668.52	0.09842	(16120216)
3747668.52	0.09830	(16120216)	
406907.93	3747668.52	0.09177	(16120216)
3747668.52	0.08062	(16120216)	
406969.66	3747666.45	0.08672	(13121016)
3747669.39	0.09015	(13121016)	
406983.81	3747672.32	0.08901	(13121016)
3747682.33	0.10747	(15122816)	
406996.73	3747689.41	0.12044	(15122816)
3747696.49	0.12694	(15122816)	
406962.58	3747663.52	0.08571	(12122016)
3747663.52	0.09081	(12122016)	
406944.36	3747663.52	0.09191	(12122016)
3747663.52	0.08810	(12122016)	
406926.15	3747663.52	0.08830	(16120216)
3747663.52	0.08874	(16120216)	
406907.93	3747663.52	0.08379	(16120216)
3747663.52	0.07477	(16120216)	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL
 INCLUDING SOURCE(S): VOL1

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC (YYMMDDHH)		X-COORD (M)		Y-COORD	
(M)	CONC	(YYMMDDHH)							
406970.54	3747661.82	0.07803	(13121016)			406978.50			
3747665.12	0.08236	(13121016)							
406986.46	3747668.42	0.08177	(13121016)			406997.71			
3747679.68	0.09900	(15122816)							
407001.00	3747687.65	0.11158	(15122816)			407004.29			
3747695.61	0.11694	(15122816)							
406962.58	3747658.52	0.07829	(12122016)			406953.47			
3747658.52	0.08199	(12122016)							
406944.36	3747658.52	0.08221	(12122016)			406935.25			
3747658.52	0.07833	(12122016)							
406926.15	3747658.52	0.07963	(16120216)			406917.04			
3747658.52	0.08045	(16120216)							
406907.93	3747658.52	0.07670	(16120216)			406898.82			
3747658.52	0.06939	(16120216)							
406969.66	3747656.45	0.07122	(12122016)			406976.73			
3747659.39	0.07404	(13121016)							
406983.81	3747662.32	0.07604	(13121016)			406990.88			
3747665.25	0.07475	(13121016)							
407000.88	3747675.27	0.08840	(15122816)			407003.81			
3747682.35	0.09956	(15122816)							
407006.73	3747689.42	0.10637	(15122816)			407009.66			
3747696.50	0.10758	(15122816)							
406962.58	3747653.52	0.07164	(12122016)			406953.47			
3747653.52	0.07426	(12122016)							
406944.36	3747653.52	0.07386	(12122016)			406935.25			
3747653.52	0.07001	(12122016)							

406926.15	3747653.52	0.07215	(16120216)	406917.04
3747653.52	0.07322	(16120216)		
406907.93	3747653.52	0.07041	(16120216)	406898.82
3747653.52	0.06447	(16120216)		
406970.36	3747651.75	0.06571	(12122016)	406978.15
3747654.97	0.06763	(13121016)		
406985.93	3747658.20	0.07011	(13121016)	406993.71
3747661.43	0.06913	(13121016)		
407004.71	3747672.44	0.08177	(15122816)	407007.93
3747680.23	0.09263	(15122816)		
407011.15	3747688.01	0.09882	(15122816)	407014.36
3747695.80	0.09906	(15122816)		
406962.58	3747648.52	0.06569	(12122016)	406953.47
3747648.52	0.06746	(12122016)		
406944.36	3747648.52	0.06662	(12122016)	406935.25
3747648.52	0.06286	(12122016)		
406926.15	3747648.52	0.06566	(16120216)	406917.04
3747648.52	0.06689	(16120216)		
406907.93	3747648.52	0.06482	(16120216)	406898.82
3747648.52	0.05998	(16120216)		
406969.66	3747646.45	0.06085	(12122016)	406976.73
3747649.39	0.06017	(13121016)		
406983.81	3747652.32	0.06383	(13121016)	406990.88
3747655.25	0.06497	(13121016)		
406997.96	3747658.19	0.06368	(13121016)	407007.96
3747668.20	0.07378	(15122816)		
407010.88	3747675.28	0.08334	(15122816)	407013.81
3747682.36	0.08992	(15122816)		
407016.73	3747689.44	0.09251	(15122816)	407019.66
3747696.52	0.09057	(15122816)		
406962.58	3747643.52	0.06035	(12122016)	406953.47
3747643.52	0.06147	(12122016)		
406944.36	3747643.52	0.06032	(12122016)	406935.25
3747643.52	0.05670	(12122016)		
406926.15	3747643.52	0.06000	(16120216)	406917.04
3747643.52	0.06133	(16120216)		
406907.93	3747643.52	0.05982	(16120216)	406898.82
3747643.52	0.05588	(16120216)		
406970.25	3747641.70	0.05635	(12122016)	406977.91
3747644.88	0.05551	(12122016)		
406985.58	3747648.05	0.05892	(13121016)	406993.24
3747651.23	0.06034	(13121016)		
407000.91	3747654.41	0.05923	(13121016)	407011.74
3747665.26	0.06856	(15122816)		
407014.91	3747672.93	0.07786	(15122816)	407018.08
3747680.59	0.08404	(15122816)		
407021.24	3747688.26	0.08606	(15122816)	407024.41
3747695.93	0.08343	(15122816)		
406962.58	3747638.52	0.05556	(12122016)	406953.47
3747638.52	0.05617	(12122016)		
406944.36	3747638.52	0.05480	(12122016)	406935.25
3747638.52	0.05134	(12122016)		
406926.15	3747638.52	0.05504	(16120216)	406917.04
3747638.52	0.05643	(16120216)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 15:23:21

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3		IN	**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)				
406907.93	3747638.52	0.05536	(16120216)		406898.82	
3747638.52	0.05215	(16120216)				
406970.83	3747636.94	0.05230	(12122016)		406979.09	
3747640.36	0.05168	(12122016)				
406987.34	3747643.79	0.05452	(13121016)		406995.60	
3747647.21	0.05618	(13121016)				
407003.85	3747650.63	0.05525	(13121016)		407015.52	
3747662.31	0.06386	(15122816)				
407018.93	3747670.57	0.07290	(15122816)		407022.34	
3747678.83	0.07872	(15122816)				
407025.76	3747687.09	0.08020	(15122816)		407029.17	
3747695.35	0.07694	(15122816)				
406962.58	3747633.52	0.05124	(12122016)		406953.47	
3747633.52	0.05147	(12122016)				
406944.36	3747633.52	0.04996	(12122016)		406935.25	
3747633.52	0.04716	(16120216)				
406926.15	3747633.52	0.05067	(16120216)		406917.04	
3747633.52	0.05208	(16120216)				
406907.93	3747633.52	0.05136	(16120216)		406898.82	
3747633.52	0.04874	(16120216)				
406970.16	3747631.66	0.04855	(12122016)		406977.74	
3747634.81	0.04852	(12122016)				
406985.32	3747637.95	0.04894	(13121016)		406992.90	
3747641.09	0.05168	(13121016)				
407000.48	3747644.23	0.05246	(13121016)		407008.07	
3747647.38	0.05135	(13121016)				
407018.78	3747658.11	0.05822	(15122816)		407021.91	
3747665.69	0.06619	(15122816)				
407025.05	3747673.27	0.07202	(15122816)		407028.18	
3747680.86	0.07489	(15122816)				
407031.31	3747688.44	0.07428	(15122816)		407034.45	
3747696.03	0.07016	(15122816)				
406962.58	3747628.52	0.04736	(12122016)		406953.47	
3747628.52	0.04728	(12122016)				
406944.36	3747628.52	0.04569	(12122016)		406935.25	
3747628.52	0.04358	(16120216)				
406926.15	3747628.52	0.04680	(16120216)		406917.04	
3747628.52	0.04821	(16120216)				
406907.93	3747628.52	0.04776	(16120216)		406898.82	
3747628.52	0.04563	(16120216)				
406970.67	3747626.87	0.04521	(12122016)		406978.75	
3747630.22	0.04534	(12122016)				
406986.84	3747633.58	0.04529	(13121016)		407003.01	
3747640.28	0.04912	(13121016)				
407011.10	3747643.63	0.04812	(13121016)		407022.53	
3747655.08	0.05445	(15122816)				
407025.87	3747663.17	0.06219	(15122816)		407029.21	
3747671.26	0.06776	(15122816)				
407032.55	3747679.35	0.07029	(15122816)		407035.90	
3747687.44	0.06928	(15122816)				
407039.24	3747695.53	0.06479	(15122816)		406962.58	
3747623.52	0.04385	(12122016)				
406953.47	3747623.52	0.04354	(12122016)		406944.36	
3747623.52	0.04191	(12122016)				
406935.25	3747623.52	0.04039	(16120216)		406926.15	
3747623.52	0.04336	(16120216)				
406917.04	3747623.52	0.04475	(16120216)		406907.93	


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PF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
  *** AERMET - VERSION 16216 ***
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                                     ***      15:23:21

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406898.82	3747618.52	0.04017	(16120216)	406970.54	
3747616.82	0.03928	(12122016)			
406978.50	3747620.12	0.03984	(12122016)	406994.42	
3747626.72	0.04081	(13121016)			
407002.38	3747630.02	0.04282	(13121016)	407010.34	
3747633.32	0.04331	(13121016)			
407018.30	3747636.62	0.04233	(13121016)	407029.55	
3747647.88	0.04692	(15122816)			
407032.84	3747655.85	0.05359	(15122816)	407036.13	
3747663.81	0.05874	(15122816)			
407039.42	3747671.78	0.06171	(15122816)	407042.71	
3747679.74	0.06204	(15122816)			
407046.00	3747687.70	0.05961	(15122816)	407049.29	
3747695.67	0.05466	(15122816)			
406962.58	3747613.52	0.03780	(12122016)	406953.47	
3747613.52	0.03718	(12122016)			
406944.36	3747613.52	0.03555	(12122016)	406935.25	
3747613.52	0.03498	(16120216)			
406926.15	3747613.52	0.03751	(16120216)	406917.04	
3747613.52	0.03883	(16120216)			
406907.93	3747613.52	0.03890	(16120216)	406898.82	
3747613.52	0.03777	(16120216)			

406970.98	3747612.00	0.03675	(12122016)	406979.38
3747615.49	0.03741	(12122016)		
406987.79	3747618.97	0.03710	(12122016)	406996.19
3747622.45	0.03813	(13121016)		
407004.59	3747625.94	0.04024	(13121016)	407012.99
3747629.42	0.04081	(13121016)		
407021.40	3747632.90	0.03991	(13121016)	407033.27
3747644.79	0.04413	(15122816)		
407036.74	3747653.20	0.05061	(15122816)	407040.22
3747661.61	0.05557	(15122816)		
407043.69	3747670.01	0.05831	(15122816)	407047.16
3747678.42	0.05841	(15122816)		
407050.63	3747686.83	0.05575	(15122816)	407054.11
3747695.23	0.05063	(15122816)		
406962.58	3747608.52	0.03519	(12122016)	406953.47
3747608.52	0.03447	(12122016)		
406944.36	3747608.52	0.03286	(12122016)	406935.25
3747608.52	0.03267	(16120216)		
406926.15	3747608.52	0.03501	(16120216)	406917.04
3747608.52	0.03630	(16120216)		
406907.93	3747608.52	0.03647	(16120216)	406898.82
3747608.52	0.03557	(16120216)		
406970.44	3747606.78	0.03430	(12122016)	406978.30
3747610.04	0.03510	(12122016)		
406986.17	3747613.30	0.03515	(12122016)	406994.03
3747616.56	0.03444	(12122016)		
407001.89	3747619.82	0.03685	(13121016)	407009.75
3747623.08	0.03826	(13121016)		
407017.61	3747626.34	0.03847	(13121016)	407025.47
3747629.59	0.03753	(13121016)		
407036.58	3747640.72	0.04083	(15122816)	407039.83
3747648.59	0.04659	(15122816)		
407043.08	3747656.45	0.05128	(15122816)	407046.33
3747664.32	0.05438	(15122816)		
407049.58	3747672.18	0.05548	(15122816)	407052.83
3747680.05	0.05441	(15122816)		
407056.08	3747687.91	0.05123	(15122816)	407059.33
3747695.78	0.04626	(15122816)		
406962.58	3747603.52	0.03281	(12122016)	406953.47
3747603.52	0.03202	(12122016)		
406944.36	3747603.52	0.03045	(12122016)	406935.25
3747603.52	0.03059	(16120216)		
406926.15	3747603.52	0.03276	(16120216)	406917.04
3747603.52	0.03400	(16120216)		
406907.93	3747603.52	0.03425	(16120216)	406898.82
3747603.52	0.03354	(16120216)		
406893.82	3747703.52	0.24419	(13112916)	406893.82
3747712.62	0.29166	(13112916)		
406893.82	3747721.71	0.31032	(13112916)	406893.82
3747730.81	0.36740	(13121916)		
406893.82	3747739.91	0.40383	(13121916)	406893.82
3747749.01	0.35875	(13121916)		
406893.82	3747758.10	0.26208	(13121916)	406893.82
3747767.20	0.21115	(15021709)		
406888.82	3747703.52	0.22756	(13112916)	406888.82
3747712.62	0.26100	(13112916)		
406888.82	3747721.71	0.26807	(13112916)	406888.82
3747730.81	0.32510	(13121916)		

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

*** 15:23:21

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM IN		**	
		MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406888.82	3747739.91	0.35818	(13121916)	406888.82	
3747749.01	0.32513	(13121916)			
406888.82	3747758.10	0.24690	(13121916)	406888.82	
3747767.20	0.18931	(15021709)			
406886.02	3747698.22	0.19570	(13112916)	406893.52	
3747690.72	0.16632	(13112916)			
406883.82	3747703.52	0.20967	(13112916)	406883.82	
3747712.62	0.23183	(13112916)			
406883.82	3747721.71	0.23058	(13112916)	406883.82	
3747730.81	0.28693	(13121916)			
406883.82	3747739.91	0.31681	(13121916)	406883.82	
3747749.01	0.29322	(13121916)			
406883.82	3747758.10	0.23053	(13121916)	406883.82	
3747767.20	0.16801	(15021709)			
406881.75	3747696.45	0.17878	(13112916)	406891.75	
3747686.45	0.14359	(13112916)			
406878.82	3747703.52	0.19162	(13112916)	406878.82	
3747712.62	0.20505	(13112916)			
406878.82	3747721.71	0.19819	(13112916)	406878.82	
3747730.81	0.25369	(13121916)			
406878.82	3747739.91	0.28058	(13121916)	406878.82	
3747749.01	0.26414	(13121916)			
406878.82	3747758.10	0.21414	(13121916)	406878.82	
3747767.20	0.15131	(13121916)			
406876.26	3747697.63	0.16914	(13112916)	406878.70	
3747691.73	0.15650	(13112916)			
406887.03	3747683.40	0.13033	(13112916)	406892.93	
3747680.96	0.11666	(13112916)			
406873.82	3747703.52	0.17413	(13112916)	406873.82	
3747712.62	0.18100	(13112916)			
406873.82	3747721.71	0.17392	(13121916)	406873.82	
3747730.81	0.22515	(13121916)			
406873.82	3747739.91	0.24930	(13121916)	406873.82	
3747749.01	0.23818	(13121916)			
406873.82	3747758.10	0.19837	(13121916)	406873.82	
3747767.20	0.14552	(13121916)			
406871.75	3747696.45	0.15516	(13112916)	406874.68	
3747689.38	0.14308	(13112916)			
406884.68	3747679.38	0.11479	(13112916)	406891.75	
3747676.45	0.09897	(13112916)			
406868.82	3747703.52	0.15765	(13112916)	406868.82	
3747712.62	0.15968	(13112916)			
406868.82	3747721.71	0.15703	(13121916)	406868.82	
3747730.81	0.20076	(13121916)			
406868.82	3747739.91	0.22243	(13121916)	406868.82	
3747749.01	0.21524	(13121916)			
406868.82	3747758.10	0.18355	(13121916)	406868.82	
3747767.20	0.13917	(13121916)			
406867.24	3747695.27	0.14251	(13112916)	406870.65	
3747687.02	0.13124	(13112916)			
406882.32	3747675.35	0.10145	(13112916)	406890.57	
3747671.94	0.08404	(13112916)			
406863.82	3747703.52	0.14239	(13112916)	406863.82	

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PF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***          06/27/23
*** AERMET - VERSION 16216 ***
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406853.82	3747703.52	0.11581	(13112916)	406853.82	
3747712.62	0.11030	(13112916)			
406853.82	3747721.71	0.11832	(13121916)	406853.82	
3747730.81	0.14661	(13121916)			
406853.82	3747739.91	0.16240	(13121916)	406853.82	
3747749.01	0.16170	(13121916)			
406853.82	3747758.10	0.14562	(13121916)	406853.82	
3747767.20	0.11932	(13121916)			
406851.75	3747696.45	0.11051	(13112916)	406854.68	
3747689.38	0.11098	(13112916)			
406857.61	3747682.31	0.10603	(13112916)	406860.54	
3747675.24	0.09659	(13112916)			
406870.54	3747665.24	0.07773	(13112916)	406877.61	
3747662.31	0.06818	(13112916)			
406884.68	3747659.38	0.05944	(14121615)	406891.75	
3747656.45	0.06053	(16120216)			
406848.82	3747703.52	0.10443	(13112916)	406848.82	
3747712.62	0.09787	(13112916)			

406848.82	3747721.71	0.10850	(13121916)	406848.82
3747730.81	0.13326	(13121916)		
406848.82	3747739.91	0.14754	(13121916)	406848.82
3747749.01	0.14795	(13121916)		
406848.82	3747758.10	0.13511	(13121916)	406848.82
3747767.20	0.11296	(13121916)		
406847.04	3747695.74	0.10144	(13112916)	406850.26
3747687.96	0.10286	(13112916)		
406853.49	3747680.19	0.09855	(13112916)	406856.71
3747672.41	0.08941	(13112916)		
406867.71	3747661.41	0.07049	(13112916)	406875.49
3747658.19	0.06072	(13112916)		
406883.26	3747654.96	0.05346	(14121615)	406891.04
3747651.74	0.05646	(16120216)		
406843.82	3747703.52	0.09422	(13112916)	406843.82
3747712.62	0.08704	(13112916)		
406843.82	3747721.71	0.09984	(13121916)	406843.82
3747730.81	0.12165	(13121916)		
406843.82	3747739.91	0.13460	(13121916)	406843.82
3747749.01	0.13580	(13121916)		
406843.82	3747758.10	0.12555	(13121916)	406843.82
3747767.20	0.10686	(13121916)		
406841.75	3747696.45	0.09229	(13112916)	406844.68
3747689.38	0.09548	(13112916)		
406847.61	3747682.31	0.09440	(13112916)	406850.54
3747675.24	0.08938	(13112916)		
406853.46	3747668.16	0.08116	(13112916)	406863.46
3747658.16	0.06550	(13112916)		
406870.54	3747655.24	0.05784	(13112916)	406877.61
3747652.31	0.05091	(14121615)		
406884.68	3747649.38	0.04941	(16120216)	406891.75
3747646.45	0.05346	(16120216)		
406838.82	3747703.52	0.08509	(13112916)	406838.82
3747712.62	0.07761	(13112916)		
406838.82	3747721.71	0.09217	(13121916)	406838.82
3747730.81	0.11150	(13121916)		
406838.82	3747739.91	0.12327	(13121916)	406838.82
3747749.01	0.12504	(13121916)		
406838.82	3747758.10	0.11686	(13121916)	406838.82
3747767.20	0.10107	(13121916)		
406836.99	3747695.86	0.08476	(13112916)	406840.17
3747688.20	0.08862	(13112916)		
406843.34	3747680.54	0.08809	(13112916)	406846.51
3747672.88	0.08344	(13112916)		
406849.69	3747665.22	0.07550	(13112916)	406860.52
3747654.39	0.05994	(13112916)		
406868.18	3747651.21	0.05220	(13112916)	406875.84
3747648.04	0.04638	(14121615)		
406883.50	3747644.87	0.04625	(16120216)	406891.16
3747641.69	0.05004	(16120216)		
406833.82	3747703.52	0.07692	(13112916)	406833.82
3747712.62	0.06936	(13112916)		
406833.82	3747721.71	0.08536	(13121916)	406833.82
3747730.81	0.10257	(13121916)		
406833.82	3747739.91	0.11331	(13121916)	406833.82
3747749.01	0.11547	(13121916)		
406833.82	3747758.10	0.10897	(13121916)	406833.82
3747767.20	0.09560	(13121916)		
406832.24	3747695.27	0.07798	(13112916)	406835.65
3747687.02	0.08240	(13112916)		
406839.07	3747678.77	0.08237	(13112916)	406842.49
3747670.52	0.07810	(13112916)		

*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC (YYMMDDHH)		X-COORD (M)		Y-COORD	
(M)	CONC	(YYMMDDHH)							
406845.91	3747662.27	0.07040	(13112916)			406857.57			
3747650.61	0.05501	(13112916)							
406865.82	3747647.19	0.04726	(13112916)			406874.07			
3747643.77	0.04236	(14121615)							
406882.32	3747640.35	0.04337	(16120216)			406890.57			
3747636.94	0.04693	(16120216)							
406828.82	3747703.52	0.06963	(13112916)			406828.82			
3747712.62	0.06216	(13112916)							
406828.82	3747721.71	0.07929	(13121916)			406828.82			
3747730.81	0.09469	(13121916)							
406828.82	3747739.91	0.10451	(13121916)			406828.82			
3747749.01	0.10694	(13121916)							
406828.82	3747758.10	0.10180	(13121916)			406828.82			
3747767.20	0.09045	(13121916)							
406826.96	3747695.94	0.07082	(13112916)			406830.10			
3747688.37	0.07581	(13112916)							
406833.23	3747680.79	0.07756	(13112916)			406836.37			
3747673.22	0.07600	(13112916)							
406839.51	3747665.64	0.07144	(13112916)			406842.65			
3747658.06	0.06454	(13112916)							
406853.36	3747647.35	0.05155	(13112916)			406860.94			
3747644.21	0.04529	(13112916)							
406868.52	3747641.07	0.04051	(14121615)			406876.09			
3747637.93	0.03818	(16120216)							
406883.67	3747634.80	0.04188	(16120216)			406891.24			
3747631.66	0.04442	(16120216)							
406823.82	3747703.52	0.06313	(13112916)			406823.82			
3747712.62	0.05763	(13121916)							
406823.82	3747721.71	0.07385	(13121916)			406823.82			
3747730.81	0.08770	(13121916)							
406823.82	3747739.91	0.09671	(13121916)			406823.82			
3747749.01	0.09931	(13121916)							
406823.82	3747758.10	0.09526	(13121916)			406823.82			
3747767.20	0.08563	(13121916)							
406822.17	3747695.44	0.06523	(13112916)			406825.51			
3747687.36	0.07055	(13112916)							
406828.86	3747679.28	0.07268	(13112916)			406832.21			
3747671.20	0.07144	(13112916)							
406835.56	3747663.11	0.06713	(13112916)			406838.90			
3747655.03	0.06043	(13112916)							
406850.33	3747643.60	0.04763	(13112916)			406858.41			
3747640.26	0.04142	(13112916)							
406874.58	3747633.56	0.03591	(16120216)			406882.66			
3747630.21	0.03943	(16120216)							
406890.74	3747626.87	0.04178	(16120216)			406818.82			
3747703.52	0.05731	(13112916)							
406818.82	3747712.62	0.05434	(13121916)			406818.82			
3747721.71	0.06896	(13121916)							
406818.82	3747730.81	0.08146	(13121916)			406818.82			

3747739.91	0.08975	(13121916)	
406818.82	3747749.01	0.09246	(13121916) 406818.82
3747758.10	0.08931	(13121916)	
406818.82	3747767.20	0.08111	(13121916) 406816.93
3747696.01	0.05928	(13112916)	
406820.04	3747688.49	0.06465	(13112916) 406823.16
3747680.98	0.06771	(13112916)	
406826.27	3747673.47	0.06817	(13112916) 406829.38
3747665.95	0.06608	(13112916)	
406832.49	3747658.44	0.06177	(13112916) 406835.60
3747650.93	0.05577	(13112916)	
406846.23	3747640.30	0.04479	(13112916) 406853.74
3747637.19	0.03962	(13112916)	
406861.25	3747634.08	0.03565	(14121615) 406868.77
3747630.97	0.03273	(14121615)	
406876.28	3747627.86	0.03521	(16120216) 406883.79
3747624.74	0.03785	(16120216)	
406891.31	3747621.63	0.03954	(16120216) 406813.82
3747703.52	0.05212	(13112916)	
406813.82	3747712.62	0.05132	(13121916) 406813.82
3747721.71	0.06455	(13121916)	
406813.82	3747730.81	0.07589	(13121916) 406813.82
3747739.91	0.08353	(13121916)	
406813.82	3747749.01	0.08629	(13121916) 406813.82
3747758.10	0.08387	(13121916)	
406813.82	3747767.20	0.07689	(13121916) 406812.12
3747695.57	0.05469	(13112916)	
406815.41	3747687.61	0.06024	(13112916) 406818.71
3747679.66	0.06353	(13112916)	
406822.00	3747671.70	0.06423	(13112916) 406825.30
3747663.75	0.06237	(13112916)	

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

406828.59		3747655.79		0.05825	(13112916)	406831.89			
3747647.84		0.05242	(13112916)						
406843.14		3747636.59		0.04163	(13112916)	406851.09			
3747633.29		0.03652	(13112916)						
406859.05		3747630.00		0.03310	(14121615)	406867.00			
3747626.70		0.03016	(14121615)						
406882.91		3747620.11		0.03575	(16120216)	406890.87			
3747616.82		0.03729	(16120216)						
406808.82		3747703.52		0.04747	(13112916)	406808.82			
3747712.62		0.04854	(13121916)						
406808.82		3747721.71		0.06055	(13121916)	406808.82			
3747730.81		0.07087	(13121916)						
406808.82		3747739.91		0.07794	(13121916)	406808.82			
3747749.01		0.08071	(13121916)						

406808.82	3747758.10	0.07889	(13121916)	406808.82
3747767.20	0.07294	(13121916)		
406807.30	3747695.12	0.05054	(13112916)	406810.78
3747686.73	0.05622	(13112916)		
406814.25	3747678.33	0.05970	(13112916)	406817.73
3747669.93	0.06062	(13112916)		
406821.21	3747661.54	0.05896	(13112916)	406824.69
3747653.14	0.05502	(13112916)		
406828.17	3747644.74	0.04936	(13112916)	406840.04
3747632.87	0.03877	(13112916)		
406848.44	3747629.39	0.03373	(13112916)	406856.84
3747625.91	0.03079	(14121615)		
406865.23	3747622.43	0.02826	(16120216)	406873.63
3747618.95	0.03144	(16120216)		
406882.03	3747615.48	0.03382	(16120216)	406890.42
3747612.00	0.03522	(16120216)		
406803.82	3747703.52	0.04330	(13112916)	406803.82
3747712.62	0.04598	(13121916)		
406803.82	3747721.71	0.05692	(13121916)	406803.82
3747730.81	0.06635	(13121916)		
406803.82	3747739.91	0.07290	(13121916)	406803.82
3747749.01	0.07566	(13121916)		
406803.82	3747758.10	0.07432	(13121916)	406803.82
3747767.20	0.06926	(13121916)		
406802.07	3747695.66	0.04602	(13112916)	406805.33
3747687.81	0.05142	(13112916)		
406808.58	3747679.95	0.05524	(13112916)	406811.84
3747672.09	0.05714	(13112916)		
406815.09	3747664.24	0.05696	(13112916)	406818.35
3747656.38	0.05481	(13112916)		
406821.60	3747648.52	0.05097	(13112916)	406824.85
3747640.67	0.04588	(13112916)		
406835.97	3747629.55	0.03667	(13112916)	406843.82
3747626.30	0.03240	(13112916)		
406851.68	3747623.05	0.02950	(14121615)	406859.54
3747619.79	0.02716	(14121615)		
406867.39	3747616.54	0.02817	(16120216)	406875.25
3747613.28	0.03064	(16120216)		
406883.11	3747610.03	0.03241	(16120216)	406890.96
3747606.77	0.03339	(16120216)		
406798.82	3747703.52	0.03956	(13112916)	406798.82
3747712.62	0.04361	(13121916)		
406798.82	3747721.71	0.05362	(13121916)	406798.82
3747730.81	0.06225	(13121916)		
406798.82	3747739.91	0.06834	(13121916)	406798.82
3747749.01	0.07106	(13121916)		
406798.82	3747758.10	0.07013	(13121916)	406798.82
3747767.20	0.06581	(13121916)		
406898.82	3747772.20	0.20726	(15021709)	406907.92
3747772.20	0.23587	(14021809)		
406917.01	3747772.20	0.32958	(14120316)	406926.11
3747772.20	0.44899	(14120316)		
406935.21	3747772.20	0.50492	(14120316)	406944.31
3747772.20	0.48000	(14120316)		
406953.40	3747772.20	0.39525	(14120316)	406962.50
3747772.20	0.28824	(14120316)		
406898.82	3747777.20	0.18219	(15021709)	406907.92
3747777.20	0.21235	(14021809)		
406917.01	3747777.20	0.28812	(14120316)	406926.11
3747777.20	0.38672	(14120316)		
406935.21	3747777.20	0.43685	(14120316)	406944.31
3747777.20	0.42382	(14120316)		
406953.40	3747777.20	0.36056	(14120316)	406962.50
3747777.20	0.27413	(14120316)		
406893.52	3747780.00	0.16173	(15021709)	406886.02
3747772.50	0.16656	(15021709)		

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM IN				**	
		MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD		
(M)	CONC	(YYMMDDHH)					
406898.82	3747782.20	0.16041	(14021809)	406907.92			
3747782.20	0.19050	(14021809)					
406917.01	3747782.20	0.25184	(14120316)	406926.11			
3747782.20	0.33396	(14120316)					
406935.21	3747782.20	0.37889	(14120316)	406944.31			
3747782.20	0.37422	(14120316)					
406953.40	3747782.20	0.32759	(14120316)	406962.50			
3747782.20	0.25835	(14120316)					
406891.75	3747784.27	0.14372	(15021709)	406881.75			
3747774.27	0.14957	(15021709)					
406898.82	3747787.20	0.14806	(14021809)	406907.92			
3747787.20	0.17071	(14021809)					
406917.01	3747787.20	0.22096	(14120316)	406926.11			
3747787.20	0.28994	(14120316)					
406935.21	3747787.20	0.33015	(14120316)	406944.31			
3747787.20	0.33116	(14120316)					
406953.40	3747787.20	0.29718	(14120316)	406962.50			
3747787.20	0.24199	(14120316)					
406892.93	3747789.76	0.12578	(14021809)	406887.03			
3747787.32	0.12895	(15021709)					
406878.70	3747778.99	0.13336	(15021709)	406876.26			
3747773.09	0.13452	(15021709)					
406898.82	3747792.20	0.13622	(14021809)	406907.92			
3747792.20	0.15301	(14021809)					
406917.01	3747792.20	0.19487	(14120316)	406926.11			
3747792.20	0.25330	(14120316)					
406935.21	3747792.20	0.28928	(14120316)	406944.31			
3747792.20	0.29404	(14120316)					
406953.40	3747792.20	0.26961	(14120316)	406962.50			
3747792.20	0.22577	(14120316)					
406891.75	3747794.27	0.11560	(14021809)	406884.68			
3747791.34	0.11597	(15021709)					
406874.68	3747781.34	0.12080	(15021709)	406871.75			
3747774.27	0.12062	(15021709)					
406898.82	3747797.20	0.12508	(14021809)	406907.92			
3747797.20	0.13733	(14021809)					
406917.01	3747797.20	0.17282	(14120316)	406926.11			
3747797.20	0.22273	(14120316)					
406935.21	3747797.20	0.25494	(14120316)	406944.31			
3747797.20	0.26209	(14120316)					
406953.40	3747797.20	0.24485	(14120316)	406962.50			
3747797.20	0.21012	(14120316)					
406890.57	3747798.78	0.10648	(14021809)	406882.32			
3747795.37	0.10466	(15021709)					
406870.65	3747783.70	0.10980	(15021709)	406867.24			

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15:23:21

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S) : VOL1

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

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406953.40	3747812.20	0.18544	(14120316)	406962.50	
3747812.20	0.16852	(14120316)			
406891.75	3747814.27	0.08740	(14021809)	406884.68	
3747811.34	0.08225	(14021809)			
406877.61	3747808.41	0.07737	(15021709)	406870.54	
3747805.48	0.07997	(15021709)			
406860.54	3747795.48	0.08336	(15021709)	406857.61	
3747788.41	0.08413	(15021709)			
406854.68	3747781.34	0.08115	(15021709)	406851.75	
3747774.27	0.09480	(13121916)			

406898.82	3747817.20	0.08873	(14021809)	406907.92
3747817.20	0.09102	(14021809)		
406917.01	3747817.20	0.11266	(14120316)	406926.11
3747817.20	0.14125	(14120316)		
406935.21	3747817.20	0.16236	(14120316)	406944.31
3747817.20	0.17223	(14120316)		
406953.40	3747817.20	0.16979	(14120316)	406962.50
3747817.20	0.15661	(14120316)		
406891.04	3747818.98	0.08105	(14021809)	406883.26
3747815.76	0.07645	(14021809)		
406875.49	3747812.53	0.07053	(15021709)	406867.71
3747809.31	0.07352	(15021709)		
406856.71	3747798.31	0.07694	(15021709)	406853.49
3747790.53	0.07736	(15021709)		
406850.26	3747782.76	0.07381	(15021709)	406847.04
3747774.98	0.08963	(13121916)		
406898.82	3747822.20	0.08157	(14021809)	406907.92
3747822.20	0.08263	(14021809)		
406917.01	3747822.20	0.10241	(14120316)	406926.11
3747822.20	0.12767	(14120316)		
406935.21	3747822.20	0.14679	(14120316)	406944.31
3747822.20	0.15655	(14120316)		
406953.40	3747822.20	0.15583	(14120316)	406962.50
3747822.20	0.14565	(14120316)		
406891.75	3747824.27	0.07557	(14021809)	406884.68
3747821.34	0.07304	(14021809)		
406877.61	3747818.41	0.06781	(14021809)	406870.54
3747815.48	0.06600	(15021709)		
406863.46	3747812.56	0.06797	(15021709)	406853.46
3747802.56	0.07085	(15021709)		
406850.54	3747795.48	0.07175	(15021709)	406847.61
3747788.41	0.06983	(15021709)		
406844.68	3747781.34	0.07172	(13121916)	406841.75
3747774.27	0.08789	(13121916)		
406898.82	3747827.20	0.07508	(14021809)	406907.92
3747827.20	0.07521	(14021809)		
406917.01	3747827.20	0.09345	(14120316)	406926.11
3747827.20	0.11591	(14120316)		
406935.21	3747827.20	0.13327	(14120316)	406944.31
3747827.20	0.14279	(14120316)		
406953.40	3747827.20	0.14335	(14120316)	406962.50
3747827.20	0.13559	(14120316)		
406891.16	3747829.03	0.07024	(14021809)	406883.50
3747825.85	0.06819	(14021809)		
406875.84	3747822.68	0.06328	(14021809)	406868.18
3747819.51	0.06071	(15021709)		
406860.52	3747816.33	0.06293	(15021709)	406849.69
3747805.50	0.06581	(15021709)		
406846.51	3747797.84	0.06647	(15021709)	406843.34
3747790.18	0.06424	(15021709)		
406840.17	3747782.52	0.06765	(13121916)	406836.99
3747774.86	0.08327	(13121916)		
406898.82	3747832.20	0.06920	(14021809)	406907.92
3747832.20	0.06862	(14021809)		
406917.01	3747832.20	0.08558	(14120316)	406926.11
3747832.20	0.10564	(14120316)		
406935.21	3747832.20	0.12146	(14120316)	406944.31
3747832.20	0.13066	(14120316)		
406953.40	3747832.20	0.13218	(14120316)	406962.50
3747832.20	0.12636	(14120316)		
406890.57	3747833.78	0.06542	(14021809)	406882.32
3747830.37	0.06377	(14021809)		
406874.07	3747826.95	0.05919	(14021809)	406865.82
3747823.53	0.05601	(15021709)		
406857.57	3747820.11	0.05841	(15021709)	406845.91
3747808.45	0.06129	(15021709)		

406842.49	3747800.20	0.06174	(15021709)	406839.07
3747791.95	0.05923	(15021709)		
406835.65	3747783.70	0.06391	(13121916)	406832.24
3747775.45	0.07897	(13121916)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406898.82	3747837.20	0.06387	(14021809)	406907.92	
3747837.20	0.06276	(14021809)			
406917.01	3747837.20	0.07864	(14120316)	406926.11	
3747837.20	0.09665	(14120316)			
406935.21	3747837.20	0.11109	(14120316)	406944.31	
3747837.20	0.11994	(14120316)			
406953.40	3747837.20	0.12215	(14120316)	406962.50	
3747837.20	0.11790	(14120316)			
406891.24	3747839.06	0.06092	(14021809)	406883.67	
3747835.92	0.06045	(14021809)			
406876.09	3747832.79	0.05765	(14021809)	406868.52	
3747829.65	0.05287	(14021809)			
406860.94	3747826.51	0.05279	(15021709)	406853.36	
3747823.37	0.05449	(15021709)			
406842.65	3747812.66	0.05695	(15021709)	406839.51	
3747805.08	0.05771	(15021709)			
406836.37	3747797.50	0.05628	(15021709)	406833.23	
3747789.93	0.05265	(15021709)			
406830.10	3747782.35	0.06486	(13121916)	406826.96	
3747774.78	0.07676	(13121916)			
406898.82	3747842.20	0.05903	(14021809)	406907.92	
3747842.20	0.05753	(14021809)			
406917.01	3747842.20	0.07249	(14120316)	406926.11	
3747842.20	0.08872	(14120316)			
406935.21	3747842.20	0.10195	(14120316)	406944.31	
3747842.20	0.11041	(14120316)			
406953.40	3747842.20	0.11314	(14120316)	406962.50	
3747842.20	0.11014	(14120316)			
406890.74	3747843.85	0.05685	(14021809)	406882.66	
3747840.51	0.05669	(14021809)			
406874.58	3747837.16	0.05417	(14021809)	406858.41	
3747830.46	0.04904	(15021709)			
406850.33	3747827.12	0.05085	(15021709)	406838.90	
3747815.69	0.05329	(15021709)			
406835.56	3747807.61	0.05392	(15021709)	406832.21	
3747799.52	0.05232	(15021709)			
406828.86	3747791.44	0.04854	(13121916)	406825.51	
3747783.36	0.06153	(13121916)			
406822.17	3747775.28	0.07293	(13121916)	406898.82	
3747847.20	0.05463	(14021809)			
406907.92	3747847.20	0.05285	(14021809)	406917.01	

```

FF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***          06/27/23
*** AERMET - VERSION 16216 ***
***                                     *** 15.23.21

```

```
*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ  U*
```

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

```

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

```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406818.71	3747791.06	0.04806	(13121916)	406815.41	
3747783.11	0.05844	(13121916)			
406812.12	3747775.15	0.06710	(13121916)	406898.82	
3747857.20	0.04698	(14021809)			
406907.92	3747857.20	0.04510	(14120316)	406917.01	
3747857.20	0.05771	(14120316)			

```

P *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***          06/27/23
*** AERMET - VERSION 16216 ***
***                                     *** 15:23:21

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*** 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 0.01865 AT (406935.21, 3747772.20, 29.00,
29.00, 0.00) DC
2ND HIGHEST VALUE IS 0.01778 AT (406944.31, 3747772.20, 29.00,
29.00, 0.00) DC
3RD HIGHEST VALUE IS 0.01737 AT (406926.11, 3747772.20, 29.00,
29.00, 0.00) DC
4TH HIGHEST VALUE IS 0.01610 AT (406967.52, 3747749.01, 29.00,
29.00, 0.00) DC
5TH HIGHEST VALUE IS 0.01602 AT (406967.53, 3747739.91, 29.00,
29.00, 0.00) DC
6TH HIGHEST VALUE IS 0.01549 AT (406953.40, 3747772.20, 29.00,
29.00, 0.00) DC
7TH HIGHEST VALUE IS 0.01520 AT (406935.21, 3747777.20, 29.00,
29.00, 0.00) DC
8TH HIGHEST VALUE IS 0.01478 AT (406944.31, 3747777.20, 29.00,
29.00, 0.00) DC
9TH HIGHEST VALUE IS 0.01460 AT (406967.51, 3747758.11, 29.00,
29.00, 0.00) DC
10TH HIGHEST VALUE IS 0.01436 AT (406962.50, 3747767.20, 29.00,
29.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:23:21

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

**

DATE

GROUP ID AVERAGE CONC (YYMMDDHH) NETWORK
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID RECEPTOR (XR, YR,

ALL HIGH 1ST HIGH VALUE IS 0.50492 ON 14120316: AT (406935.21, 3747772.20,
29.00, 29.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR

DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:23:21

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*** MODELOPTs: NonDEFAULT CONC FLAT 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 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 1352 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1352 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/27/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons 2ac\14635 Cons
2ac.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
  MODELOPT CONC FLAT
  AVERTIME 1 PERIOD
  URBANOPT 3010232 Orange_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "14635 Cons 2ac.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION VOL1      VOLUME      406930.700   3747735.370           0.0
** Source Parameters **
  SRCPARAM VOL1      0.0004839882    5.000    20.922    1.400
  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
  SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**

```

```

**
RE STARTING
** BEGIN OF FENCELINE GRID RECEPTORS
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 100.00
** Tier 1: Tier Spacing = 5.00
** -----
DISCCART      406980.65    3747780.36
DISCCART      406980.64    3747770.37
DISCCART      406980.63    3747760.37
DISCCART      406980.62    3747750.37
DISCCART      406980.61    3747740.38
DISCCART      406980.60    3747730.38
DISCCART      406980.59    3747720.38
DISCCART      406980.58    3747710.39
DISCCART      406980.57    3747700.39
DISCCART      406980.56    3747690.39
DISCCART      406985.65    3747780.36
DISCCART      406985.64    3747770.36
DISCCART      406985.63    3747760.37
DISCCART      406985.62    3747750.37
DISCCART      406985.61    3747740.37
DISCCART      406985.60    3747730.38
DISCCART      406985.59    3747720.38
DISCCART      406985.58    3747710.38
DISCCART      406985.57    3747700.39
DISCCART      406985.56    3747690.39
DISCCART      406988.46    3747785.66
DISCCART      406980.96    3747793.17
DISCCART      406990.65    3747780.35
DISCCART      406990.64    3747770.36
DISCCART      406990.63    3747760.36
DISCCART      406990.62    3747750.36
DISCCART      406990.61    3747740.37
DISCCART      406990.60    3747730.37
DISCCART      406990.59    3747720.37
DISCCART      406990.58    3747710.38
DISCCART      406990.57    3747700.38
DISCCART      406990.56    3747690.38
DISCCART      406992.72    3747787.43
DISCCART      406982.72    3747797.44
DISCCART      406995.65    3747780.35
DISCCART      406995.64    3747770.35
DISCCART      406995.63    3747760.36
DISCCART      406995.62    3747750.36
DISCCART      406995.61    3747740.36
DISCCART      406995.60    3747730.37
DISCCART      406995.59    3747720.37
DISCCART      406995.58    3747710.37
DISCCART      406995.57    3747700.38
DISCCART      406995.56    3747690.38
DISCCART      406996.99    3747789.19
DISCCART      406984.49    3747801.70
DISCCART      407000.65    3747780.34
DISCCART      407000.64    3747770.35
DISCCART      407000.63    3747760.35
DISCCART      407000.62    3747750.35
DISCCART      407000.61    3747740.36
DISCCART      407000.60    3747730.36
DISCCART      407000.59    3747720.36
DISCCART      407000.58    3747710.37
DISCCART      407000.57    3747700.37
DISCCART      407000.56    3747690.37
DISCCART      407002.72    3747787.42

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DISCCART	406999.80	3747794.50
DISCCART	406989.80	3747804.51
DISCCART	406982.72	3747807.44
DISCCART	407005.65	3747780.34
DISCCART	407005.64	3747770.34
DISCCART	407005.63	3747760.35
DISCCART	407005.62	3747750.35
DISCCART	407005.61	3747740.35
DISCCART	407005.60	3747730.36
DISCCART	407005.59	3747720.36
DISCCART	407005.58	3747710.36
DISCCART	407005.57	3747700.37
DISCCART	407005.56	3747690.37
DISCCART	407007.24	3747788.59
DISCCART	407003.82	3747796.85
DISCCART	406992.16	3747808.53
DISCCART	406983.90	3747811.95
DISCCART	407010.65	3747780.33
DISCCART	407010.64	3747770.34
DISCCART	407010.63	3747760.34
DISCCART	407010.62	3747750.34
DISCCART	407010.61	3747740.35
DISCCART	407010.60	3747730.35
DISCCART	407010.59	3747720.35
DISCCART	407010.58	3747710.36
DISCCART	407010.57	3747700.36
DISCCART	407010.56	3747690.36
DISCCART	407012.72	3747787.41
DISCCART	407009.80	3747794.49
DISCCART	407006.87	3747801.56
DISCCART	406996.87	3747811.57
DISCCART	406989.80	3747814.51
DISCCART	406982.72	3747817.44
DISCCART	407015.65	3747780.33
DISCCART	407015.64	3747770.33
DISCCART	407015.63	3747760.34
DISCCART	407015.62	3747750.34
DISCCART	407015.61	3747740.34
DISCCART	407015.60	3747730.35
DISCCART	407015.59	3747720.35
DISCCART	407015.58	3747710.35
DISCCART	407015.57	3747700.36
DISCCART	407015.56	3747690.36
DISCCART	407017.36	3747788.29
DISCCART	407014.07	3747796.25
DISCCART	407010.78	3747804.21
DISCCART	406999.53	3747815.47
DISCCART	406991.57	3747818.77
DISCCART	406983.61	3747822.07
DISCCART	407020.65	3747780.32
DISCCART	407020.64	3747770.33
DISCCART	407020.63	3747760.33
DISCCART	407020.62	3747750.33
DISCCART	407020.61	3747740.34
DISCCART	407020.60	3747730.34
DISCCART	407020.59	3747720.34
DISCCART	407020.58	3747710.35
DISCCART	407020.57	3747700.35
DISCCART	407020.56	3747690.35
DISCCART	407021.99	3747789.17
DISCCART	407018.34	3747798.01
DISCCART	407014.68	3747806.86
DISCCART	407002.18	3747819.37
DISCCART	406993.34	3747823.04
DISCCART	406984.49	3747826.70
DISCCART	407025.65	3747780.32

DISCCART	407025.64	3747770.32
DISCCART	407025.63	3747760.33
DISCCART	407025.62	3747750.33
DISCCART	407025.61	3747740.33
DISCCART	407025.60	3747730.34
DISCCART	407025.59	3747720.34
DISCCART	407025.58	3747710.34
DISCCART	407025.57	3747700.35
DISCCART	407025.56	3747690.35
DISCCART	407027.43	3747788.10
DISCCART	407024.21	3747795.89
DISCCART	407021.00	3747803.67
DISCCART	407017.78	3747811.46
DISCCART	407006.78	3747822.47
DISCCART	406999.00	3747825.69
DISCCART	406991.21	3747828.92
DISCCART	406983.43	3747832.14
DISCCART	407030.65	3747780.31
DISCCART	407030.64	3747770.32
DISCCART	407030.63	3747760.32
DISCCART	407030.62	3747750.32
DISCCART	407030.61	3747740.33
DISCCART	407030.60	3747730.33
DISCCART	407030.59	3747720.33
DISCCART	407030.58	3747710.34
DISCCART	407030.57	3747700.34
DISCCART	407030.56	3747690.34
DISCCART	407032.14	3747788.80
DISCCART	407028.63	3747797.30
DISCCART	407025.12	3747805.79
DISCCART	407021.61	3747814.28
DISCCART	407009.61	3747826.29
DISCCART	407001.12	3747829.81
DISCCART	406984.14	3747836.85
DISCCART	407035.65	3747780.31
DISCCART	407035.64	3747770.31
DISCCART	407035.63	3747760.32
DISCCART	407035.62	3747750.32
DISCCART	407035.61	3747740.32
DISCCART	407035.60	3747730.33
DISCCART	407035.59	3747720.33
DISCCART	407035.58	3747710.33
DISCCART	407035.57	3747700.34
DISCCART	407035.56	3747690.34
DISCCART	407036.85	3747789.51
DISCCART	407033.04	3747798.71
DISCCART	407029.24	3747807.91
DISCCART	407025.44	3747817.11
DISCCART	407012.44	3747830.12
DISCCART	407003.24	3747833.93
DISCCART	406994.04	3747837.75
DISCCART	406984.85	3747841.56
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DISCCART	407040.64	3747770.31
DISCCART	407040.63	3747760.31
DISCCART	407040.62	3747750.31
DISCCART	407040.61	3747740.32
DISCCART	407040.60	3747730.32
DISCCART	407040.59	3747720.32
DISCCART	407040.58	3747710.33
DISCCART	407040.57	3747700.33
DISCCART	407040.56	3747690.33
DISCCART	407042.24	3747788.56
DISCCART	407038.82	3747796.81
DISCCART	407035.41	3747805.07
DISCCART	407032.00	3747813.33

DISCCART	407028.59	3747821.59
DISCCART	407016.92	3747833.26
DISCCART	407008.66	3747836.69
DISCCART	407000.41	3747840.11
DISCCART	406992.16	3747843.53
DISCCART	406983.90	3747846.95
DISCCART	407045.65	3747780.30
DISCCART	407045.64	3747770.30
DISCCART	407045.63	3747760.31
DISCCART	407045.62	3747750.31
DISCCART	407045.61	3747740.31
DISCCART	407045.60	3747730.32
DISCCART	407045.59	3747720.32
DISCCART	407045.58	3747710.32
DISCCART	407045.57	3747700.33
DISCCART	407045.56	3747690.33
DISCCART	407046.99	3747789.14
DISCCART	407043.34	3747797.99
DISCCART	407039.68	3747806.84
DISCCART	407036.02	3747815.68
DISCCART	407032.37	3747824.53
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DISCCART	407002.18	3747844.37
DISCCART	406993.34	3747848.04
DISCCART	406984.49	3747851.70
DISCCART	407050.65	3747780.29
DISCCART	407050.64	3747770.30
DISCCART	407050.63	3747760.30
DISCCART	407050.62	3747750.30
DISCCART	407050.61	3747740.31
DISCCART	407050.60	3747730.31
DISCCART	407050.59	3747720.31
DISCCART	407050.58	3747710.32
DISCCART	407050.57	3747700.32
DISCCART	407050.56	3747690.32
DISCCART	407052.31	3747788.38
DISCCART	407048.96	3747796.47
DISCCART	407045.62	3747804.56
DISCCART	407042.28	3747812.64
DISCCART	407038.93	3747820.73
DISCCART	407035.59	3747828.82
DISCCART	407024.16	3747840.26
DISCCART	407016.08	3747843.61
DISCCART	407007.99	3747846.96
DISCCART	406999.91	3747850.32
DISCCART	406991.82	3747853.67
DISCCART	406983.74	3747857.02
DISCCART	407055.65	3747780.29
DISCCART	407055.64	3747770.29
DISCCART	407055.63	3747760.30
DISCCART	407055.62	3747750.30
DISCCART	407055.61	3747740.30
DISCCART	407055.60	3747730.31
DISCCART	407055.59	3747720.31
DISCCART	407055.58	3747710.31
DISCCART	407055.57	3747700.32
DISCCART	407055.56	3747690.32
DISCCART	407057.10	3747788.88
DISCCART	407053.55	3747797.47
DISCCART	407049.99	3747806.07
DISCCART	407046.44	3747814.66
DISCCART	407042.89	3747823.26
DISCCART	407039.34	3747831.85
DISCCART	407027.19	3747844.00
DISCCART	407018.60	3747847.57

DISCCART	407010.01	3747851.13
DISCCART	407001.42	3747854.69
DISCCART	406992.83	3747858.25
DISCCART	406984.24	3747861.81
DISCCART	407060.65	3747780.28
DISCCART	407060.64	3747770.29
DISCCART	407060.63	3747760.29
DISCCART	407060.62	3747750.29
DISCCART	407060.61	3747740.30
DISCCART	407060.60	3747730.30
DISCCART	407060.59	3747720.30
DISCCART	407060.58	3747710.31
DISCCART	407060.57	3747700.31
DISCCART	407060.56	3747690.31
DISCCART	407061.89	3747789.38
DISCCART	407058.13	3747798.48
DISCCART	407054.37	3747807.58
DISCCART	407050.61	3747816.68
DISCCART	407046.84	3747825.78
DISCCART	407043.08	3747834.88
DISCCART	407030.23	3747847.75
DISCCART	407021.13	3747851.52
DISCCART	407002.94	3747859.06
DISCCART	406993.84	3747862.83
DISCCART	406984.75	3747866.60
DISCCART	407065.65	3747780.28
DISCCART	407065.64	3747770.28
DISCCART	407065.63	3747760.29
DISCCART	407065.62	3747750.29
DISCCART	407065.61	3747740.29
DISCCART	407065.60	3747730.30
DISCCART	407065.59	3747720.30
DISCCART	407065.58	3747710.30
DISCCART	407065.57	3747700.31
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DISCCART	406965.65	3747860.37
DISCCART	406975.65	3747860.37
DISCCART	406877.09	3747861.81
DISCCART	406868.51	3747858.26
DISCCART	406859.92	3747854.70
DISCCART	406851.33	3747851.14
DISCCART	406842.75	3747847.59
DISCCART	406834.16	3747844.03
DISCCART	406822.02	3747831.89
DISCCART	406818.46	3747823.30
DISCCART	406814.91	3747814.72
DISCCART	406811.35	3747806.13
DISCCART	406807.79	3747797.54
DISCCART	406804.24	3747788.96
DISCCART	406885.68	3747865.37
DISCCART	406895.68	3747865.37
DISCCART	406905.67	3747865.37
DISCCART	406915.67	3747865.37
DISCCART	406925.67	3747865.37
DISCCART	406935.66	3747865.37
DISCCART	406945.66	3747865.37
DISCCART	406955.66	3747865.37
DISCCART	406965.65	3747865.37
DISCCART	406975.65	3747865.37
DISCCART	406876.59	3747866.60
DISCCART	406867.50	3747862.84
DISCCART	406858.41	3747859.07
DISCCART	406840.22	3747851.54
DISCCART	406831.13	3747847.78
DISCCART	406818.27	3747834.92
DISCCART	406814.51	3747825.83
DISCCART	406810.74	3747816.74
DISCCART	406806.98	3747807.64
DISCCART	406803.21	3747798.55
DISCCART	406799.45	3747789.46
DISCCART	406885.68	3747870.37
DISCCART	406895.68	3747870.37
DISCCART	406905.67	3747870.37
DISCCART	406915.67	3747870.37
DISCCART	406925.67	3747870.37
DISCCART	406935.66	3747870.37
DISCCART	406945.66	3747870.37
DISCCART	406955.66	3747870.37
DISCCART	406965.65	3747870.37
DISCCART	406975.65	3747870.37
DISCCART	406877.28	3747871.89
DISCCART	406868.89	3747868.41
DISCCART	406860.49	3747864.94
DISCCART	406852.09	3747861.46
DISCCART	406843.70	3747857.98
DISCCART	406835.30	3747854.50
DISCCART	406826.90	3747851.02
DISCCART	406815.03	3747839.15
DISCCART	406811.55	3747830.75

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DISCCART      406808.07    3747822.35
DISCCART      406804.59    3747813.96
DISCCART      406801.11    3747805.56
DISCCART      406797.64    3747797.16
DISCCART      406794.16    3747788.77
DISCCART      406885.68    3747875.37
DISCCART      406895.68    3747875.37
DISCCART      406905.67    3747875.37
DISCCART      406915.67    3747875.37
DISCCART      406925.67    3747875.37
DISCCART      406935.66    3747875.37
DISCCART      406945.66    3747875.37
DISCCART      406955.66    3747875.37
DISCCART      406965.65    3747875.37
DISCCART      406975.65    3747875.37
DISCCART      406876.84    3747876.71
DISCCART      406868.00    3747873.05
DISCCART      406859.16    3747869.39
DISCCART      406850.32    3747865.73
DISCCART      406841.49    3747862.06
DISCCART      406832.65    3747858.40
DISCCART      406823.81    3747854.74
DISCCART      406811.31    3747842.24
DISCCART      406807.65    3747833.40
DISCCART      406803.99    3747824.56
DISCCART      406800.32    3747815.73
DISCCART      406796.66    3747806.89
DISCCART      406793.00    3747798.05
DISCCART      406789.34    3747789.21
DISCCART      406885.68    3747880.37
DISCCART      406895.68    3747880.37
DISCCART      406905.67    3747880.37
DISCCART      406915.67    3747880.37
DISCCART      406925.67    3747880.37
DISCCART      406935.66    3747880.37
DISCCART      406945.66    3747880.37
DISCCART      406955.66    3747880.37
DISCCART      406965.65    3747880.37
DISCCART      406975.65    3747880.37
** END OF FENCELINE GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART      406885.68    3747780.37
DISCCART      406975.65    3747780.37
DISCCART      406975.56    3747690.40
DISCCART      406885.68    3747690.40
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE KFUL_V9_ADJU\KFUL_v9.SFC
PROFFILE KFUL_V9_ADJU\KFUL_v9.PFL
SURFDATA 3166 2012
UAIRDATA 3190 2012
PROFBASE 29.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**

```

**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST "14635 CONS 2AC.AD\01H1GALL.PLT" 31
PLOTFILE PERIOD ALL "14635 CONS 2AC.AD\PE00GALL.PLT" 32
SUMMFILE "14635 Cons 2ac.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 1445 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1445 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

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

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

- - - - -
VOL1 0 0.48399E-03 406930.7 3747735.4 29.0 5.00 20.92 1.40
YES HRDOW
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*
*** SOURCE IDs DEFINING SOURCE GROUPS ***
SRCGROUP ID SOURCE IDs

ALL VOL1 ,
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*
*** SOURCE IDs DEFINED AS URBAN SOURCES ***
URBAN ID URBAN POP SOURCE IDs

3010232. VOL1 ,
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT 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						

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

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(406985.6, 3747720.4,	29.0,	29.0,	0.0);	(406985.6,
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(406990.6, 3747720.4,	29.0,	29.0,	0.0);	(406990.6,
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3747730.4,	29.0,	29.0,	0.0);	
(406995.6, 3747720.4,	29.0,	29.0,	0.0);	(406995.6,
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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons *** 06/27/23

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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FF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs:      NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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( 406965.6, 3747660.4,      29.0,      29.0,      0.0); ( 406955.6,
3747660.4,      29.0,      29.0,      0.0);
( 406945.6, 3747660.4,      29.0,      29.0,      0.0); ( 406935.6,
3747660.4,      29.0,      29.0,      0.0);
( 406925.6, 3747660.4,      29.0,      29.0,      0.0); ( 406915.6,
3747660.4,      29.0,      29.0,      0.0);
( 406905.6, 3747660.4,      29.0,      29.0,      0.0); ( 406895.7,
3747660.4,      29.0,      29.0,      0.0);
( 406885.7, 3747660.4,      29.0,      29.0,      0.0); ( 406983.8,
3747658.8,      29.0,      29.0,      0.0);
( 406992.0, 3747662.2,      29.0,      29.0,      0.0); ( 407003.7,
3747673.9,      29.0,      29.0,      0.0);
( 407007.1, 3747682.1,      29.0,      29.0,      0.0); ( 406975.6,
3747655.4,      29.0,      29.0,      0.0);
( 406965.6, 3747655.4,      29.0,      29.0,      0.0); ( 406955.6,
3747655.4,      29.0,      29.0,      0.0);
( 406945.6, 3747655.4,      29.0,      29.0,      0.0); ( 406935.6,
3747655.4,      29.0,      29.0,      0.0);
( 406925.6, 3747655.4,      29.0,      29.0,      0.0); ( 406915.6,
3747655.4,      29.0,      29.0,      0.0);
( 406905.6, 3747655.4,      29.0,      29.0,      0.0); ( 406895.7,
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( 406885.7, 3747655.4,      29.0,      29.0,      0.0); ( 406982.6,
3747653.3,      29.0,      29.0,      0.0);
( 406989.7, 3747656.2,      29.0,      29.0,      0.0); ( 406996.8,
3747659.2,      29.0,      29.0,      0.0);
( 407006.8, 3747669.2,      29.0,      29.0,      0.0); ( 407009.7,
3747676.2,      29.0,      29.0,      0.0);
( 407012.6, 3747683.3,      29.0,      29.0,      0.0); ( 406975.6,
3747650.4,      29.0,      29.0,      0.0);
( 406965.6, 3747650.4,      29.0,      29.0,      0.0); ( 406955.6,
3747650.4,      29.0,      29.0,      0.0);
( 406945.6, 3747650.4,      29.0,      29.0,      0.0); ( 406935.6,
3747650.4,      29.0,      29.0,      0.0);
( 406925.6, 3747650.4,      29.0,      29.0,      0.0); ( 406915.6,
3747650.4,      29.0,      29.0,      0.0);
( 406905.6, 3747650.4,      29.0,      29.0,      0.0); ( 406895.7,
3747650.4,      29.0,      29.0,      0.0);
( 406885.7, 3747650.4,      29.0,      29.0,      0.0); ( 406983.5,
3747648.7,      29.0,      29.0,      0.0);
( 406991.5, 3747652.0,      29.0,      29.0,      0.0); ( 406999.4,
3747655.3,      29.0,      29.0,      0.0);
( 407010.7, 3747666.5,      29.0,      29.0,      0.0); ( 407014.0,
3747674.5,      29.0,      29.0,      0.0);
( 407017.3, 3747682.4,      29.0,      29.0,      0.0); ( 406975.6,
3747645.4,      29.0,      29.0,      0.0);
( 406965.6, 3747645.4,      29.0,      29.0,      0.0); ( 406955.6,
3747645.4,      29.0,      29.0,      0.0);
( 406945.6, 3747645.4,      29.0,      29.0,      0.0); ( 406935.6,
3747645.4,      29.0,      29.0,      0.0);
( 406925.6, 3747645.4,      29.0,      29.0,      0.0); ( 406915.6,
3747645.4,      29.0,      29.0,      0.0);

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** *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406905.6, 3747645.4,	29.0,	29.0,	0.0);	(406895.7,
3747645.4,	29.0,	29.0,	0.0);	
(406885.7, 3747645.4,	29.0,	29.0,	0.0);	(406984.4,
3747644.1,	29.0,	29.0,	0.0);	
(406993.2, 3747647.7,	29.0,	29.0,	0.0);	(407002.1,
3747651.4,	29.0,	29.0,	0.0);	
(407014.6, 3747663.9,	29.0,	29.0,	0.0);	(407018.2,
3747672.7,	29.0,	29.0,	0.0);	
(407021.9, 3747681.5,	29.0,	29.0,	0.0);	(406975.6,
3747640.4,	29.0,	29.0,	0.0);	
(406965.6, 3747640.4,	29.0,	29.0,	0.0);	(406955.6,
3747640.4,	29.0,	29.0,	0.0);	
(406945.6, 3747640.4,	29.0,	29.0,	0.0);	(406935.6,
3747640.4,	29.0,	29.0,	0.0);	
(406925.6, 3747640.4,	29.0,	29.0,	0.0);	(406915.6,
3747640.4,	29.0,	29.0,	0.0);	
(406905.6, 3747640.4,	29.0,	29.0,	0.0);	(406895.7,
3747640.4,	29.0,	29.0,	0.0);	
(406885.7, 3747640.4,	29.0,	29.0,	0.0);	(406983.3,
3747638.6,	29.0,	29.0,	0.0);	
(406991.1, 3747641.8,	29.0,	29.0,	0.0);	(406998.9,
3747645.0,	29.0,	29.0,	0.0);	
(407006.7, 3747648.3,	29.0,	29.0,	0.0);	(407017.7,
3747659.3,	29.0,	29.0,	0.0);	
(407020.9, 3747667.0,	29.0,	29.0,	0.0);	(407024.1,
3747674.8,	29.0,	29.0,	0.0);	
(407027.3, 3747682.6,	29.0,	29.0,	0.0);	(406975.6,
3747635.4,	29.0,	29.0,	0.0);	
(406965.6, 3747635.4,	29.0,	29.0,	0.0);	(406955.6,
3747635.4,	29.0,	29.0,	0.0);	
(406945.6, 3747635.4,	29.0,	29.0,	0.0);	(406935.6,
3747635.4,	29.0,	29.0,	0.0);	
(406925.6, 3747635.4,	29.0,	29.0,	0.0);	(406915.6,
3747635.4,	29.0,	29.0,	0.0);	
(406905.6, 3747635.4,	29.0,	29.0,	0.0);	(406895.7,
3747635.4,	29.0,	29.0,	0.0);	
(406885.7, 3747635.4,	29.0,	29.0,	0.0);	(406984.0,
3747633.9,	29.0,	29.0,	0.0);	
(407001.0, 3747640.9,	29.0,	29.0,	0.0);	(407009.5,
3747644.4,	29.0,	29.0,	0.0);	
(407021.5, 3747656.4,	29.0,	29.0,	0.0);	(407025.0,
3747664.9,	29.0,	29.0,	0.0);	
(407028.5, 3747673.4,	29.0,	29.0,	0.0);	(407032.0,
3747681.9,	29.0,	29.0,	0.0);	
(406975.6, 3747630.4,	29.0,	29.0,	0.0);	(406965.6,
3747630.4,	29.0,	29.0,	0.0);	
(406955.6, 3747630.4,	29.0,	29.0,	0.0);	(406945.6,
3747630.4,	29.0,	29.0,	0.0);	
(406935.6, 3747630.4,	29.0,	29.0,	0.0);	(406925.6,
3747630.4,	29.0,	29.0,	0.0);	
(406915.6, 3747630.4,	29.0,	29.0,	0.0);	(406905.6,
3747630.4,	29.0,	29.0,	0.0);	
(406895.7, 3747630.4,	29.0,	29.0,	0.0);	(406885.7,
3747630.4,	29.0,	29.0,	0.0);	
(406984.8, 3747629.2,	29.0,	29.0,	0.0);	(406993.9,
3747633.0,	29.0,	29.0,	0.0);	
(407003.1, 3747636.8,	29.0,	29.0,	0.0);	(407012.3,
3747640.6,	29.0,	29.0,	0.0);	
(407025.3, 3747653.6,	29.0,	29.0,	0.0);	(407029.1,
3747662.8,	29.0,	29.0,	0.0);	
(407032.9, 3747672.0,	29.0,	29.0,	0.0);	(407036.8,
3747681.1,	29.0,	29.0,	0.0);	
(406975.6, 3747625.4,	29.0,	29.0,	0.0);	(406965.6,
3747625.4,	29.0,	29.0,	0.0);	
(406955.6, 3747625.4,	29.0,	29.0,	0.0);	(406945.6,

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( 406935.6, 3747625.4,      29.0,      29.0,      0.0);
3747625.4,      29.0,      29.0,      0.0);
( 406915.6, 3747625.4,      29.0,      29.0,      0.0);
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( 406895.7, 3747625.4,      29.0,      29.0,      0.0);
3747625.4,      29.0,      29.0,      0.0);
( 406983.8, 3747623.8,      29.0,      29.0,      0.0);
3747627.2,      29.0,      29.0,      0.0);
( 407000.3, 3747630.6,      29.0,      29.0,      0.0);
3747634.0,      29.0,      29.0,      0.0);
( 407016.8, 3747637.5,      29.0,      29.0,      0.0);
3747649.1,      29.0,      29.0,      0.0);
( 407031.9, 3747657.4,      29.0,      29.0,      0.0);
3747665.6,      29.0,      29.0,      0.0);
( 407038.7, 3747673.8,      29.0,      29.0,      0.0);
3747682.1,      29.0,      29.0,      0.0);
( 406975.6, 3747620.4,      29.0,      29.0,      0.0);
3747620.4,      29.0,      29.0,      0.0);
( 406955.6, 3747620.4,      29.0,      29.0,      0.0);
3747620.4,      29.0,      29.0,      0.0);
( 406935.6, 3747620.4,      29.0,      29.0,      0.0);
3747620.4,      29.0,      29.0,      0.0);
( 406915.6, 3747620.4,      29.0,      29.0,      0.0);
3747620.4,      29.0,      29.0,      0.0);

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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:28:23

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

```

( 406895.7, 3747620.4,      29.0,      29.0,      0.0);
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( 406984.4, 3747619.1,      29.0,      29.0,      0.0);
3747622.7,      29.0,      29.0,      0.0);
( 407002.1, 3747626.4,      29.0,      29.0,      0.0);
3747630.0,      29.0,      29.0,      0.0);
( 407019.7, 3747633.7,      29.0,      29.0,      0.0);
3747646.2,      29.0,      29.0,      0.0);
( 407035.9, 3747655.0,      29.0,      29.0,      0.0);
3747663.8,      29.0,      29.0,      0.0);
( 407043.2, 3747672.7,      29.0,      29.0,      0.0);
3747681.5,      29.0,      29.0,      0.0);
( 406975.6, 3747615.4,      29.0,      29.0,      0.0);
3747615.4,      29.0,      29.0,      0.0);
( 406955.6, 3747615.4,      29.0,      29.0,      0.0);
3747615.4,      29.0,      29.0,      0.0);
( 406935.6, 3747615.4,      29.0,      29.0,      0.0);
3747615.4,      29.0,      29.0,      0.0);
( 406915.6, 3747615.4,      29.0,      29.0,      0.0);
3747615.4,      29.0,      29.0,      0.0);
( 406895.7, 3747615.4,      29.0,      29.0,      0.0);
3747615.4,      29.0,      29.0,      0.0);
( 406983.6, 3747613.7,      29.0,      29.0,      0.0);
3747617.1,      29.0,      29.0,      0.0);
( 406999.8, 3747620.4,      29.0,      29.0,      0.0);
3747623.8,      29.0,      29.0,      0.0);
( 407016.0, 3747627.1,      29.0,      29.0,      0.0);
3747630.5,      29.0,      29.0,      0.0);
( 407035.5, 3747641.9,      29.0,      29.0,      0.0);

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3747666.1,      29.0,      29.0,      0.0);
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3747610.4,      29.0,      29.0,      0.0);
( 406955.6, 3747610.4,      29.0,      29.0,      0.0); ( 406945.6,
3747610.4,      29.0,      29.0,      0.0);
( 406935.6, 3747610.4,      29.0,      29.0,      0.0); ( 406925.6,
3747610.4,      29.0,      29.0,      0.0);
( 406915.6, 3747610.4,      29.0,      29.0,      0.0); ( 406905.6,
3747610.4,      29.0,      29.0,      0.0);
( 406895.7, 3747610.4,      29.0,      29.0,      0.0); ( 406885.7,
3747610.4,      29.0,      29.0,      0.0);
( 406984.1, 3747608.9,      29.0,      29.0,      0.0); ( 406992.7,
3747612.5,      29.0,      29.0,      0.0);
( 407001.3, 3747616.1,      29.0,      29.0,      0.0); ( 407009.9,
3747619.6,      29.0,      29.0,      0.0);
( 407018.5, 3747623.2,      29.0,      29.0,      0.0); ( 407027.0,
3747626.7,      29.0,      29.0,      0.0);
( 407039.2, 3747638.8,      29.0,      29.0,      0.0); ( 407042.8,
3747647.4,      29.0,      29.0,      0.0);
( 407046.3, 3747656.0,      29.0,      29.0,      0.0); ( 407049.9,
3747664.6,      29.0,      29.0,      0.0);
( 407053.4, 3747673.2,      29.0,      29.0,      0.0); ( 407057.0,
3747681.7,      29.0,      29.0,      0.0);
( 406975.6, 3747605.4,      29.0,      29.0,      0.0); ( 406965.6,
3747605.4,      29.0,      29.0,      0.0);
( 406955.6, 3747605.4,      29.0,      29.0,      0.0); ( 406945.6,
3747605.4,      29.0,      29.0,      0.0);
( 406935.6, 3747605.4,      29.0,      29.0,      0.0); ( 406925.6,
3747605.4,      29.0,      29.0,      0.0);
( 406915.6, 3747605.4,      29.0,      29.0,      0.0); ( 406905.6,
3747605.4,      29.0,      29.0,      0.0);
( 406895.7, 3747605.4,      29.0,      29.0,      0.0); ( 406885.7,
3747605.4,      29.0,      29.0,      0.0);
( 406984.6, 3747604.2,      29.0,      29.0,      0.0); ( 406993.7,
3747607.9,      29.0,      29.0,      0.0);
( 407002.8, 3747611.7,      29.0,      29.0,      0.0); ( 407021.0,
3747619.2,      29.0,      29.0,      0.0);
( 407030.1, 3747623.0,      29.0,      29.0,      0.0); ( 407042.9,
3747635.8,      29.0,      29.0,      0.0);
( 407046.7, 3747644.9,      29.0,      29.0,      0.0); ( 407050.5,
3747654.0,      29.0,      29.0,      0.0);
( 407054.2, 3747663.1,      29.0,      29.0,      0.0); ( 407058.0,
3747672.1,      29.0,      29.0,      0.0);
( 407061.8, 3747681.2,      29.0,      29.0,      0.0); ( 406975.6,
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( 406965.6, 3747600.4,      29.0,      29.0,      0.0); ( 406955.6,
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( 406945.6, 3747600.4,      29.0,      29.0,      0.0); ( 406935.6,
3747600.4,      29.0,      29.0,      0.0);
( 406925.6, 3747600.4,      29.0,      29.0,      0.0); ( 406915.6,
3747600.4,      29.0,      29.0,      0.0);
( 406905.6, 3747600.4,      29.0,      29.0,      0.0); ( 406895.7,
3747600.4,      29.0,      29.0,      0.0);
( 406885.7, 3747600.4,      29.0,      29.0,      0.0); ( 406984.0,
3747598.9,      29.0,      29.0,      0.0);
( 406992.3, 3747602.3,      29.0,      29.0,      0.0); ( 407000.7,
3747605.8,      29.0,      29.0,      0.0);

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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3747619.7,	29.0,	29.0,	0.0);	
(407046.2, 3747631.6,	29.0,	29.0,	0.0);	(407049.7,
3747640.0,	29.0,	29.0,	0.0);	
(407053.1, 3747648.4,	29.0,	29.0,	0.0);	(407056.6,
3747656.8,	29.0,	29.0,	0.0);	
(407060.1, 3747665.1,	29.0,	29.0,	0.0);	(407063.6,
3747673.5,	29.0,	29.0,	0.0);	
(407067.1, 3747681.9,	29.0,	29.0,	0.0);	(406975.6,
3747595.4,	29.0,	29.0,	0.0);	
(406965.6, 3747595.4,	29.0,	29.0,	0.0);	(406955.6,
3747595.4,	29.0,	29.0,	0.0);	
(406945.6, 3747595.4,	29.0,	29.0,	0.0);	(406935.6,
3747595.4,	29.0,	29.0,	0.0);	
(406925.6, 3747595.4,	29.0,	29.0,	0.0);	(406915.6,
3747595.4,	29.0,	29.0,	0.0);	
(406905.6, 3747595.4,	29.0,	29.0,	0.0);	(406895.7,
3747595.4,	29.0,	29.0,	0.0);	
(406885.7, 3747595.4,	29.0,	29.0,	0.0);	(406984.4,
3747594.1,	29.0,	29.0,	0.0);	
(406993.2, 3747597.7,	29.0,	29.0,	0.0);	(407002.1,
3747601.4,	29.0,	29.0,	0.0);	
(407010.9, 3747605.0,	29.0,	29.0,	0.0);	(407019.7,
3747608.7,	29.0,	29.0,	0.0);	
(407028.6, 3747612.3,	29.0,	29.0,	0.0);	(407037.4,
3747616.0,	29.0,	29.0,	0.0);	
(407049.9, 3747628.5,	29.0,	29.0,	0.0);	(407053.6,
3747637.3,	29.0,	29.0,	0.0);	
(407057.2, 3747646.1,	29.0,	29.0,	0.0);	(407060.9,
3747655.0,	29.0,	29.0,	0.0);	
(407064.6, 3747663.8,	29.0,	29.0,	0.0);	(407068.2,
3747672.6,	29.0,	29.0,	0.0);	
(407071.9, 3747681.5,	29.0,	29.0,	0.0);	(406975.6,
3747590.4,	29.0,	29.0,	0.0);	
(406965.6, 3747590.4,	29.0,	29.0,	0.0);	(406955.6,
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(406945.6, 3747590.4,	29.0,	29.0,	0.0);	(406935.6,
3747590.4,	29.0,	29.0,	0.0);	
(406925.6, 3747590.4,	29.0,	29.0,	0.0);	(406915.6,
3747590.4,	29.0,	29.0,	0.0);	
(406905.6, 3747590.4,	29.0,	29.0,	0.0);	(406895.7,
3747590.4,	29.0,	29.0,	0.0);	
(406885.7, 3747590.4,	29.0,	29.0,	0.0);	(406880.7,
3747690.4,	29.0,	29.0,	0.0);	
(406880.7, 3747700.4,	29.0,	29.0,	0.0);	(406880.7,
3747710.4,	29.0,	29.0,	0.0);	
(406880.7, 3747720.4,	29.0,	29.0,	0.0);	(406880.7,
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(406880.7, 3747740.4,	29.0,	29.0,	0.0);	(406880.7,
3747750.4,	29.0,	29.0,	0.0);	
(406880.7, 3747760.4,	29.0,	29.0,	0.0);	(406880.7,
3747770.4,	29.0,	29.0,	0.0);	
(406880.7, 3747780.4,	29.0,	29.0,	0.0);	(406875.7,
3747690.4,	29.0,	29.0,	0.0);	
(406875.7, 3747700.4,	29.0,	29.0,	0.0);	(406875.7,
3747710.4,	29.0,	29.0,	0.0);	
(406875.7, 3747720.4,	29.0,	29.0,	0.0);	(406875.7,

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( 406875.7, 3747740.4,      29.0,      29.0,      0.0);
3747750.4,      29.0,      29.0,      0.0);
( 406875.7, 3747760.4,      29.0,      29.0,      0.0);
3747770.4,      29.0,      29.0,      0.0);
( 406875.7, 3747780.4,      29.0,      29.0,      0.0);
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( 406880.4, 3747677.6,      29.0,      29.0,      0.0);
3747690.4,      29.0,      29.0,      0.0);
( 406870.7, 3747700.4,      29.0,      29.0,      0.0);
3747710.4,      29.0,      29.0,      0.0);
( 406870.7, 3747720.4,      29.0,      29.0,      0.0);
3747730.4,      29.0,      29.0,      0.0);
( 406870.7, 3747740.4,      29.0,      29.0,      0.0);
3747750.4,      29.0,      29.0,      0.0);
( 406870.7, 3747760.4,      29.0,      29.0,      0.0);
3747770.4,      29.0,      29.0,      0.0);
( 406870.7, 3747780.4,      29.0,      29.0,      0.0);
3747683.3,      29.0,      29.0,      0.0);
( 406878.6, 3747673.3,      29.0,      29.0,      0.0);
3747690.4,      29.0,      29.0,      0.0);
( 406865.7, 3747700.4,      29.0,      29.0,      0.0);
3747710.4,      29.0,      29.0,      0.0);
( 406865.7, 3747720.4,      29.0,      29.0,      0.0);
3747730.4,      29.0,      29.0,      0.0);
( 406865.7, 3747740.4,      29.0,      29.0,      0.0);
3747750.4,      29.0,      29.0,      0.0);
( 406865.7, 3747760.4,      29.0,      29.0,      0.0);
3747770.4,      29.0,      29.0,      0.0);
( 406865.7, 3747780.4,      29.0,      29.0,      0.0);
3747681.6,      29.0,      29.0,      0.0);

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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

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( 406876.8, 3747669.1,      29.0,      29.0,      0.0);
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3747710.4,      29.0,      29.0,      0.0);
( 406860.7, 3747720.4,      29.0,      29.0,      0.0);
3747730.4,      29.0,      29.0,      0.0);
( 406860.7, 3747740.4,      29.0,      29.0,      0.0);
3747750.4,      29.0,      29.0,      0.0);
( 406860.7, 3747760.4,      29.0,      29.0,      0.0);
3747770.4,      29.0,      29.0,      0.0);
( 406860.7, 3747780.4,      29.0,      29.0,      0.0);
3747683.3,      29.0,      29.0,      0.0);
( 406861.5, 3747676.3,      29.0,      29.0,      0.0);
3747666.3,      29.0,      29.0,      0.0);
( 406878.6, 3747663.3,      29.0,      29.0,      0.0);
3747690.4,      29.0,      29.0,      0.0);
( 406855.7, 3747700.4,      29.0,      29.0,      0.0);
3747710.4,      29.0,      29.0,      0.0);
( 406855.7, 3747720.4,      29.0,      29.0,      0.0);
3747730.4,      29.0,      29.0,      0.0);
( 406855.7, 3747740.4,      29.0,      29.0,      0.0);
3747750.4,      29.0,      29.0,      0.0);
( 406855.7, 3747760.4,      29.0,      29.0,      0.0);

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(406877.4, 3747658.8,	29.0,	29.0,	0.0);	(406850.7,
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3747710.4,	29.0,	29.0,	0.0);	
(406850.7, 3747720.4,	29.0,	29.0,	0.0);	(406850.7,
3747730.4,	29.0,	29.0,	0.0);	
(406850.7, 3747740.4,	29.0,	29.0,	0.0);	(406850.7,
3747750.4,	29.0,	29.0,	0.0);	
(406850.7, 3747760.4,	29.0,	29.0,	0.0);	(406850.7,
3747770.4,	29.0,	29.0,	0.0);	
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3747690.4,	29.0,	29.0,	0.0);	
(406845.7, 3747700.4,	29.0,	29.0,	0.0);	(406845.7,
3747710.4,	29.0,	29.0,	0.0);	
(406845.7, 3747720.4,	29.0,	29.0,	0.0);	(406845.7,
3747730.4,	29.0,	29.0,	0.0);	
(406845.7, 3747740.4,	29.0,	29.0,	0.0);	(406845.7,
3747750.4,	29.0,	29.0,	0.0);	
(406845.7, 3747760.4,	29.0,	29.0,	0.0);	(406845.7,
3747770.4,	29.0,	29.0,	0.0);	
(406845.7, 3747780.4,	29.0,	29.0,	0.0);	(406844.0,
3747682.4,	29.0,	29.0,	0.0);	
(406847.3, 3747674.5,	29.0,	29.0,	0.0);	(406850.6,
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3747690.4,	29.0,	29.0,	0.0);	
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3747710.4,	29.0,	29.0,	0.0);	
(406840.7, 3747720.4,	29.0,	29.0,	0.0);	(406840.7,
3747730.4,	29.0,	29.0,	0.0);	
(406840.7, 3747740.4,	29.0,	29.0,	0.0);	(406840.7,
3747750.4,	29.0,	29.0,	0.0);	
(406840.7, 3747760.4,	29.0,	29.0,	0.0);	(406840.7,
3747770.4,	29.0,	29.0,	0.0);	
(406840.7, 3747780.4,	29.0,	29.0,	0.0);	(406839.3,
3747681.6,	29.0,	29.0,	0.0);	
(406843.0, 3747672.7,	29.0,	29.0,	0.0);	(406846.7,
3747663.9,	29.0,	29.0,	0.0);	
(406859.2, 3747651.4,	29.0,	29.0,	0.0);	(406868.0,
3747647.7,	29.0,	29.0,	0.0);	
(406876.8, 3747644.1,	29.0,	29.0,	0.0);	(406835.7,
3747690.4,	29.0,	29.0,	0.0);	
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(406835.7, 3747720.4,	29.0,	29.0,	0.0);	(406835.7,
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(406835.7, 3747760.4,	29.0,	29.0,	0.0);	(406835.7,
3747770.4,	29.0,	29.0,	0.0);	
(406835.7, 3747780.4,	29.0,	29.0,	0.0);	(406833.9,
3747682.6,	29.0,	29.0,	0.0);	
(406837.1, 3747674.8,	29.0,	29.0,	0.0);	(406840.3,

3747667.1, 29.0, 29.0, 0.0);
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406843.6, 3747659.3,	29.0,	29.0,	0.0);	(406854.6,
3747648.3,	29.0,	29.0,	0.0);	
(406862.3, 3747645.1,	29.0,	29.0,	0.0);	(406870.1,
3747641.8,	29.0,	29.0,	0.0);	
(406877.9, 3747638.6,	29.0,	29.0,	0.0);	(406830.7,
3747690.4,	29.0,	29.0,	0.0);	
(406830.7, 3747700.4,	29.0,	29.0,	0.0);	(406830.7,
3747710.4,	29.0,	29.0,	0.0);	
(406830.7, 3747720.4,	29.0,	29.0,	0.0);	(406830.7,
3747730.4,	29.0,	29.0,	0.0);	
(406830.7, 3747740.4,	29.0,	29.0,	0.0);	(406830.7,
3747750.4,	29.0,	29.0,	0.0);	
(406830.7, 3747760.4,	29.0,	29.0,	0.0);	(406830.7,
3747770.4,	29.0,	29.0,	0.0);	
(406830.7, 3747780.4,	29.0,	29.0,	0.0);	(406829.2,
3747681.9,	29.0,	29.0,	0.0);	
(406832.7, 3747673.4,	29.0,	29.0,	0.0);	(406836.2,
3747664.9,	29.0,	29.0,	0.0);	
(406839.7, 3747656.5,	29.0,	29.0,	0.0);	(406851.7,
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(406860.2, 3747640.9,	29.0,	29.0,	0.0);	(406877.2,
3747633.9,	29.0,	29.0,	0.0);	
(406825.7, 3747690.4,	29.0,	29.0,	0.0);	(406825.7,
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(406825.7, 3747710.4,	29.0,	29.0,	0.0);	(406825.7,
3747720.4,	29.0,	29.0,	0.0);	
(406825.7, 3747730.4,	29.0,	29.0,	0.0);	(406825.7,
3747740.4,	29.0,	29.0,	0.0);	
(406825.7, 3747750.4,	29.0,	29.0,	0.0);	(406825.7,
3747760.4,	29.0,	29.0,	0.0);	
(406825.7, 3747770.4,	29.0,	29.0,	0.0);	(406825.7,
3747780.4,	29.0,	29.0,	0.0);	
(406824.5, 3747681.2,	29.0,	29.0,	0.0);	(406828.3,
3747672.0,	29.0,	29.0,	0.0);	
(406832.1, 3747662.8,	29.0,	29.0,	0.0);	(406835.9,
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3747636.8,	29.0,	29.0,	0.0);	
(406867.3, 3747633.0,	29.0,	29.0,	0.0);	(406876.5,
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(406820.7, 3747690.4,	29.0,	29.0,	0.0);	(406820.7,
3747700.4,	29.0,	29.0,	0.0);	
(406820.7, 3747710.4,	29.0,	29.0,	0.0);	(406820.7,
3747720.4,	29.0,	29.0,	0.0);	
(406820.7, 3747730.4,	29.0,	29.0,	0.0);	(406820.7,
3747740.4,	29.0,	29.0,	0.0);	
(406820.7, 3747750.4,	29.0,	29.0,	0.0);	(406820.7,
3747760.4,	29.0,	29.0,	0.0);	
(406820.7, 3747770.4,	29.0,	29.0,	0.0);	(406820.7,
3747780.4,	29.0,	29.0,	0.0);	
(406819.1, 3747682.1,	29.0,	29.0,	0.0);	(406822.5,
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(406825.9, 3747665.6,	29.0,	29.0,	0.0);	(406829.3,


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3747637.5,      29.0,      29.0,      0.0);
( 406852.7, 3747634.1,      29.0,      29.0,      0.0); ( 406860.9,
3747630.6,      29.0,      29.0,      0.0);
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3747720.4,      29.0,      29.0,      0.0);
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( 406815.7, 3747750.4,      29.0,      29.0,      0.0); ( 406815.7,
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( 406815.7, 3747770.4,      29.0,      29.0,      0.0); ( 406815.7,
3747780.4,      29.0,      29.0,      0.0);
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3747672.7,      29.0,      29.0,      0.0);
( 406821.7, 3747663.9,      29.0,      29.0,      0.0); ( 406825.3,
3747655.0,      29.0,      29.0,      0.0);
( 406829.0, 3747646.2,      29.0,      29.0,      0.0); ( 406841.5,
3747633.7,      29.0,      29.0,      0.0);
( 406850.3, 3747630.0,      29.0,      29.0,      0.0); ( 406859.2,
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3747619.1,      29.0,      29.0,      0.0);
( 406810.7, 3747690.4,      29.0,      29.0,      0.0); ( 406810.7,
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( 406810.7, 3747710.4,      29.0,      29.0,      0.0); ( 406810.7,
3747720.4,      29.0,      29.0,      0.0);
( 406810.7, 3747730.4,      29.0,      29.0,      0.0); ( 406810.7,
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( 406810.7, 3747750.4,      29.0,      29.0,      0.0); ( 406810.7,
3747760.4,      29.0,      29.0,      0.0);
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3747780.4,      29.0,      29.0,      0.0);

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*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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( 406815.7, 3747666.2,      29.0,      29.0,      0.0); ( 406819.1,
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( 406822.4, 3747650.0,      29.0,      29.0,      0.0); ( 406825.8,
3747641.9,      29.0,      29.0,      0.0);
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( 406853.4, 3747623.8,      29.0,      29.0,      0.0); ( 406861.4,
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( 406869.5, 3747617.1,      29.0,      29.0,      0.0); ( 406877.6,
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3747700.4,      29.0,      29.0,      0.0);
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FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs:      NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:28:23

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons *** 06/27/23

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15:28:23

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15:28:23

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

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

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

Surface file:

KFUL_V9_ADJU\KFUL_v9.SFC

Met

Version: 16216

Profile file:

KFUL_V9_ADJU\KFUL_v9.PFL

Surface format:

FREE

Profile format:

FREE

Surface station no.: 3166

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	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96		
322.		10.1		283.8		2.0											
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52		
13.		10.1		283.1		2.0											
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
73.		10.1		282.0		2.0											
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91		
98.		10.1		281.4		2.0											
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00		
0.		10.1		280.9		2.0											
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55		
80.		10.1		280.4		2.0											
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69		
201.		10.1		280.4		2.0											
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52		
72.		10.1		280.9		2.0											
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00		
0.		10.1		285.9		2.0											
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79		
268.		10.1		289.9		2.0											
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70		
273.		10.1		294.2		2.0											
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74		
230.		10.1		297.5		2.0											
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20		
227.		10.1		300.4		2.0											
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47		
233.		10.1		300.9		2.0											
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20		

233.	10.1	302.0	2.0											
12 01 01	1 16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91		
229.	10.1	298.1	2.0											
12 01 01	1 17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37		
212.	10.1	294.2	2.0											
12 01 01	1 18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91		
190.	10.1	292.0	2.0											
12 01 01	1 19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70		
302.	10.1	289.2	2.0											
12 01 01	1 20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87		
338.	10.1	288.1	2.0											
12 01 01	1 21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11		
304.	10.1	287.0	2.0											
12 01 01	1 22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
76.	10.1	285.4	2.0											
12 01 01	1 23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62		
306.	10.1	284.9	2.0											
12 01 01	1 24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82		
318.	10.1	283.8	2.0											

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** 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				
406980.65	3747780.36	0.01128	406980.64		
3747770.37	0.01306				
406980.63	3747760.37	0.01469	406980.62		
3747750.37	0.01570				
406980.61	3747740.38	0.01555	406980.60		
3747730.38	0.01398				
406980.59	3747720.38	0.01161	406980.58		
3747710.39	0.00934				
406980.57	3747700.39	0.00742	406980.56		
3747690.39	0.00582				
406985.65	3747780.36	0.01010	406985.64		
3747770.36	0.01143				
406985.63	3747760.37	0.01255	406985.62		
3747750.37	0.01313				
406985.61	3747740.37	0.01285	406985.60		
3747730.38	0.01161				
406985.59	3747720.38	0.00980	406985.58		
3747710.38	0.00803				
406985.57	3747700.39	0.00651	406985.56		

3747690.39	0.00521		
406988.46	3747785.66	0.00886	406980.96
3747793.17	0.00912		
406990.65	3747780.35	0.00902	406990.64
3747770.36	0.01000		
406990.63	3747760.36	0.01075	406990.62
3747750.36	0.01105		
406990.61	3747740.37	0.01071	406990.60
3747730.37	0.00971		
406990.59	3747720.37	0.00832	406990.58
3747710.38	0.00694		
406990.57	3747700.38	0.00572	406990.56
3747690.38	0.00467		
406992.72	3747787.43	0.00795	406982.72
3747797.44	0.00827		
406995.65	3747780.35	0.00805	406995.64
3747770.35	0.00876		
406995.63	3747760.36	0.00925	406995.62
3747750.36	0.00937		
406995.61	3747740.36	0.00901	406995.60
3747730.37	0.00819		
406995.59	3747720.37	0.00711	406995.58
3747710.37	0.00603		
406995.57	3747700.38	0.00505	406995.56
3747690.38	0.00420		
406996.99	3747789.19	0.00715	406984.49
3747801.70	0.00753		
407000.65	3747780.34	0.00719	407000.64
3747770.35	0.00769		
407000.63	3747760.35	0.00800	407000.62
3747750.35	0.00800		
407000.61	3747740.36	0.00764	407000.60
3747730.36	0.00697		
407000.59	3747720.36	0.00613	407000.58
3747710.37	0.00527		
407000.57	3747700.37	0.00448	407000.56
3747690.37	0.00378		
407002.72	3747787.42	0.00648	406999.80
3747794.50	0.00641		
406989.80	3747804.51	0.00669	406982.72
3747807.44	0.00705		
407005.65	3747780.34	0.00642	407005.64
3747770.34	0.00677		
407005.63	3747760.35	0.00694	407005.62
3747750.35	0.00688		
407005.61	3747740.35	0.00654	407005.60
3747730.36	0.00599		
407005.59	3747720.36	0.00532	407005.58
3747710.36	0.00463		
407005.57	3747700.37	0.00399	407005.56
3747690.37	0.00341		
407007.24	3747788.59	0.00585	407003.82
3747796.85	0.00581		
406992.16	3747808.53	0.00612	406983.90
3747811.95	0.00647		
407010.65	3747780.33	0.00574	407010.64
3747770.34	0.00598		
407010.63	3747760.34	0.00606	407010.62
3747750.34	0.00595		
407010.61	3747740.35	0.00565	407010.60
3747730.35	0.00519		

*** AERMOD - VERSION 22112 ***

GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

*** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

15:28:23

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
407010.59	3747720.35	0.00465		407010.58	
3747710.36	0.00410				
407010.57	3747700.36	0.00357		407010.56	
3747690.36	0.00309				
407012.72	3747787.41	0.00527		407009.80	
3747794.49	0.00532				
407006.87	3747801.56	0.00527		406996.87	
3747811.57	0.00551				
406989.80	3747814.51	0.00581		406982.72	
3747817.44	0.00601				
407015.65	3747780.33	0.00514		407015.64	
3747770.33	0.00529				
407015.63	3747760.34	0.00532		407015.62	
3747750.34	0.00519				
407015.61	3747740.34	0.00491		407015.60	
3747730.35	0.00453				
407015.59	3747720.35	0.00409		407015.58	
3747710.35	0.00364				
407015.57	3747700.36	0.00321		407015.56	
3747690.36	0.00281				
407017.36	3747788.29	0.00478		407014.07	
3747796.25	0.00484				
407010.78	3747804.21	0.00482		406999.53	
3747815.47	0.00507				
406991.57	3747818.77	0.00536		406983.61	
3747822.07	0.00554				
407020.65	3747780.32	0.00461		407020.64	
3747770.33	0.00470				
407020.63	3747760.33	0.00469		407020.62	
3747750.33	0.00455				
407020.61	3747740.34	0.00431		407020.60	
3747730.34	0.00399				
407020.59	3747720.34	0.00363		407020.58	
3747710.35	0.00326				
407020.57	3747700.35	0.00290		407020.56	
3747690.35	0.00256				
407021.99	3747789.17	0.00434		407018.34	
3747798.01	0.00443				
407014.68	3747806.86	0.00442		407002.18	
3747819.37	0.00468				
406993.34	3747823.04	0.00496		406984.49	
3747826.70	0.00513				
407025.65	3747780.32	0.00414		407025.64	
3747770.32	0.00419				
407025.63	3747760.33	0.00415		407025.62	
3747750.33	0.00402				
407025.61	3747740.33	0.00380		407025.60	
3747730.34	0.00353				
407025.59	3747720.34	0.00323		407025.58	
3747710.34	0.00293				

407025.57	3747700.35	0.00263	407025.56
3747690.35	0.00234		
407027.43	3747788.10	0.00391	407024.21
3747795.89	0.00403		
407021.00	3747803.67	0.00407	407017.78
3747811.46	0.00406		
407006.78	3747822.47	0.00427	406999.00
3747825.69	0.00451		
406991.21	3747828.92	0.00468	406983.43
3747832.14	0.00476		
407030.65	3747780.31	0.00373	407030.64
3747770.32	0.00375		
407030.63	3747760.32	0.00370	407030.62
3747750.32	0.00357		
407030.61	3747740.33	0.00338	407030.60
3747730.33	0.00315		
407030.59	3747720.33	0.00290	407030.58
3747710.34	0.00264		
407030.57	3747700.34	0.00239	407030.56
3747690.34	0.00214		
407032.14	3747788.80	0.00356	407028.63
3747797.30	0.00369		
407025.12	3747805.79	0.00375	407021.61
3747814.28	0.00374		
407009.61	3747826.29	0.00396	407001.12
3747829.81	0.00419		
406984.14	3747836.85	0.00442	407035.65
3747780.31	0.00337		
407035.64	3747770.31	0.00337	407035.63
3747760.32	0.00331		

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FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
***                                     *** 15:28:23

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** 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
-----
407035.62 3747750.32 0.00319 407035.61
3747740.32 0.00302
407035.60 3747730.33 0.00282 407035.59
3747720.33 0.00261
407035.58 3747710.33 0.00240 407035.57
3747700.34 0.00218
407035.56 3747690.34 0.00197 407036.85
3747789.51 0.00325
407033.04 3747798.71 0.00339 407029.24
3747807.91 0.00346
407025.44 3747817.11 0.00347 407012.44
3747830.12 0.00368
407003.24 3747833.93 0.00391 406994.04
3747837.75 0.00405
406984.85 3747841.56 0.00411 407040.65

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3747780.30	0.00305		
407040.64	3747770.31	0.00304	407040.63
3747760.31	0.00297		
407040.62	3747750.31	0.00286	407040.61
3747740.32	0.00271		
407040.60	3747730.32	0.00255	407040.59
3747720.32	0.00237		
407040.58	3747710.33	0.00218	407040.57
3747700.33	0.00200		
407040.56	3747690.33	0.00181	407042.24
3747788.56	0.00294		
407038.82	3747796.81	0.00308	407035.41
3747805.07	0.00317		
407032.00	3747813.33	0.00322	407028.59
3747821.59	0.00321		
407016.92	3747833.26	0.00339	407008.66
3747836.69	0.00359		
407000.41	3747840.11	0.00373	406992.16
3747843.53	0.00381		
406983.90	3747846.95	0.00382	407045.65
3747780.30	0.00277		
407045.64	3747770.30	0.00275	407045.63
3747760.31	0.00268		
407045.62	3747750.31	0.00258	407045.61
3747740.31	0.00245		
407045.60	3747730.32	0.00231	407045.59
3747720.32	0.00215		
407045.58	3747710.32	0.00200	407045.57
3747700.33	0.00184		
407045.56	3747690.33	0.00167	407046.99
3747789.14	0.00270		
407043.34	3747797.99	0.00284	407039.68
3747806.84	0.00293		
407036.02	3747815.68	0.00299	407032.37
3747824.53	0.00299		
407019.87	3747837.04	0.00317	407011.02
3747840.71	0.00336		
407002.18	3747844.37	0.00349	406993.34
3747848.04	0.00356		
406984.49	3747851.70	0.00356	407050.65
3747780.29	0.00252		
407050.64	3747770.30	0.00249	407050.63
3747760.30	0.00243		
407050.62	3747750.30	0.00234	407050.61
3747740.31	0.00222		
407050.60	3747730.31	0.00210	407050.59
3747720.31	0.00197		
407050.58	3747710.32	0.00183	407050.57
3747700.32	0.00169		
407050.56	3747690.32	0.00155	407052.31
3747788.38	0.00245		
407048.96	3747796.47	0.00258	407045.62
3747804.56	0.00268		
407042.28	3747812.64	0.00275	407038.93
3747820.73	0.00279		
407035.59	3747828.82	0.00278	407024.16
3747840.26	0.00294		
407016.08	3747843.61	0.00310	407007.99
3747846.96	0.00323		
406999.91	3747850.32	0.00331	406991.82
3747853.67	0.00334		
406983.74	3747857.02	0.00332	407055.65
3747780.29	0.00230		
407055.64	3747770.29	0.00227	407055.63
3747760.30	0.00221		



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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
407055.62	3747750.30	0.00212		407055.61	
3747740.30	0.00203				
407055.60	3747730.31	0.00192		407055.59	
3747720.31	0.00180				
407055.58	3747710.31	0.00168		407055.57	
3747700.32	0.00156				
407055.56	3747690.32	0.00144		407057.10	
3747788.88	0.00226				
407053.55	3747797.47	0.00238		407049.99	
3747806.07	0.00249				
407046.44	3747814.66	0.00256		407042.89	
3747823.26	0.00260				
407039.34	3747831.85	0.00260		407027.19	
3747844.00	0.00276				
407018.60	3747847.57	0.00291		407010.01	
3747851.13	0.00304				
407001.42	3747854.69	0.00311		406992.83	
3747858.25	0.00313				
406984.24	3747861.81	0.00310		407060.65	
3747780.28	0.00211				
407060.64	3747770.29	0.00207		407060.63	
3747760.29	0.00201				
407060.62	3747750.29	0.00194		407060.61	
3747740.30	0.00185				
407060.60	3747730.30	0.00176		407060.59	
3747720.30	0.00166				
407060.58	3747710.31	0.00155		407060.57	
3747700.31	0.00145				
407060.56	3747690.31	0.00134		407061.89	
3747789.38	0.00208				
407058.13	3747798.48	0.00221		407054.37	
3747807.58	0.00231				
407050.61	3747816.68	0.00239		407046.84	
3747825.78	0.00243				
407043.08	3747834.88	0.00244		407030.23	
3747847.75	0.00259				
407021.13	3747851.52	0.00274		407002.94	
3747859.06	0.00293				
406993.84	3747862.83	0.00294		406984.75	
3747866.60	0.00290				
407065.65	3747780.28	0.00193		407065.64	
3747770.28	0.00190				
407065.63	3747760.29	0.00184		407065.62	
3747750.29	0.00178				
407065.61	3747740.29	0.00170		407065.60	
3747730.30	0.00162				

407065.59	3747720.30	0.00153	407065.58
3747710.30	0.00144		
407065.57	3747700.31	0.00134	407065.56
3747690.31	0.00125		
407067.18	3747788.68	0.00190	407063.70
3747797.08	0.00202		
407060.23	3747805.49	0.00212	407056.75
3747813.89	0.00220		
407053.28	3747822.30	0.00225	407049.81
3747830.70	0.00228		
407046.33	3747839.11	0.00228	407034.46
3747850.99	0.00242		
407026.06	3747854.48	0.00255	407017.66
3747857.96	0.00266		
407009.25	3747861.44	0.00274	407000.85
3747864.92	0.00277		
406992.45	3747868.41	0.00276	406984.05
3747871.89	0.00271		
407070.65	3747780.27	0.00178	407070.64
3747770.28	0.00174		
407070.63	3747760.28	0.00169	407070.62
3747750.28	0.00163		
407070.61	3747740.29	0.00156	407070.60
3747730.29	0.00149		
407070.59	3747720.29	0.00141	407070.58
3747710.30	0.00133		
407070.57	3747700.30	0.00125	407070.56
3747690.30	0.00117		
407071.99	3747789.12	0.00176	407068.34
3747797.96	0.00187		
407064.68	3747806.81	0.00197	407061.02
3747815.66	0.00205		
407057.37	3747824.50	0.00211	407053.71
3747833.35	0.00214		

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:28:23
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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ  U*
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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
407050.05	3747842.20	0.00215	407037.55	
3747854.71	0.00228			
407028.71	3747858.38	0.00241	407019.87	
3747862.04	0.00251			
407011.02	3747865.71	0.00258	406993.34	
3747873.04	0.00260			
406984.49	3747876.70	0.00255	407075.65	
3747780.27	0.00164			
407075.64	3747770.27	0.00161	407075.63	
3747760.28	0.00156			
407075.62	3747750.28	0.00150	407075.61	

3747740.28	0.00144		
407075.60	3747730.29	0.00138	407075.59
3747720.29	0.00131		
407075.58	3747710.29	0.00124	407075.57
3747700.30	0.00117		
407075.56	3747690.30	0.00109	406975.56
3747685.40	0.00569		
406965.57	3747685.40	0.00690	406955.59
3747685.40	0.00818		
406945.60	3747685.40	0.00929	406935.61
3747685.40	0.00993		
406925.63	3747685.40	0.00987	406915.64
3747685.40	0.00912		
406905.65	3747685.40	0.00792	406895.67
3747685.40	0.00659		
406885.68	3747685.40	0.00535	406975.56
3747680.40	0.00498		
406965.57	3747680.40	0.00590	406955.59
3747680.40	0.00684		
406945.60	3747680.40	0.00762	406935.61
3747680.40	0.00805		
406925.63	3747680.40	0.00800	406915.64
3747680.40	0.00747		
406905.65	3747680.40	0.00661	406895.67
3747680.40	0.00563		
406885.68	3747680.40	0.00468	406980.86
3747677.59	0.00422		
406988.36	3747685.09	0.00437	406975.56
3747675.40	0.00436		
406965.57	3747675.40	0.00507	406955.59
3747675.40	0.00576		
406945.60	3747675.40	0.00632	406935.61
3747675.40	0.00662		
406925.63	3747675.40	0.00658	406915.64
3747675.40	0.00619		
406905.65	3747675.40	0.00557	406895.67
3747675.40	0.00483		
406885.68	3747675.40	0.00409	406982.63
3747673.33	0.00370		
406992.63	3747683.32	0.00387	406975.56
3747670.40	0.00382		
406965.57	3747670.40	0.00437	406955.59
3747670.40	0.00489		
406945.60	3747670.40	0.00530	406935.61
3747670.40	0.00551		
406925.63	3747670.40	0.00547	406915.64
3747670.40	0.00519		
406905.65	3747670.40	0.00473	406895.67
3747670.40	0.00417		
406885.68	3747670.40	0.00359	406984.39
3747669.06	0.00326		
406996.89	3747681.54	0.00345	406975.56
3747665.40	0.00337		
406965.57	3747665.40	0.00379	406955.59
3747665.40	0.00419		
406945.60	3747665.40	0.00449	406935.61
3747665.40	0.00464		
406925.63	3747665.40	0.00461	406915.64
3747665.40	0.00440		
406905.65	3747665.40	0.00405	406895.67
3747665.40	0.00362		
406885.68	3747665.40	0.00316	406982.63
3747663.33	0.00292		
406989.70	3747666.25	0.00283	406999.70
3747676.24	0.00296		
407002.63	3747683.31	0.00320	406975.56

3747660.40 0.00298
406965.57 3747660.40
3747660.40 0.00361

0.00331

406955.59

*** AERMOD - VERSION 22112 ***
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***

*** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
406945.60	3747660.40	0.00384	406935.61	
3747660.40	0.00395			
406925.63	3747660.40	0.00392	406915.64	
3747660.40	0.00376			
406905.65	3747660.40	0.00349	406895.67	
3747660.40	0.00315			
406885.68	3747660.40	0.00280	406983.81	
3747658.81	0.00260			
406992.05	3747662.23	0.00252	407003.72	
3747673.88	0.00266			
407007.14	3747682.12	0.00289	406975.56	
3747655.40	0.00264			
406965.57	3747655.40	0.00290	406955.59	
3747655.40	0.00314			
406945.60	3747655.40	0.00331	406935.61	
3747655.40	0.00339			
406925.63	3747655.40	0.00337	406915.64	
3747655.40	0.00324			
406905.65	3747655.40	0.00303	406895.67	
3747655.40	0.00277			
406885.68	3747655.40	0.00248	406982.63	
3747653.33	0.00234			
406989.70	3747656.25	0.00230	406996.76	
3747659.18	0.00223			
407006.76	3747669.17	0.00233	407009.70	
3747676.23	0.00251			
407012.63	3747683.30	0.00267	406975.56	
3747650.40	0.00235			
406965.57	3747650.40	0.00256	406955.59	
3747650.40	0.00274			
406945.60	3747650.40	0.00288	406935.61	
3747650.40	0.00294			
406925.63	3747650.40	0.00292	406915.64	
3747650.40	0.00282			
406905.65	3747650.40	0.00265	406895.67	
3747650.40	0.00244			
406885.68	3747650.40	0.00221	406983.51	
3747648.69	0.00210			
406991.46	3747651.98	0.00206	406999.41	
3747655.27	0.00200			
407010.66	3747666.51	0.00211	407013.96	
3747674.46	0.00228			

```
*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***              06/27/23  
*** AERMET - VERSION 16216 ***  
***                                  *** 15:28:23
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
406945.60	3747635.40	0.00197	406935.61	
3747635.40	0.00200			
406925.63	3747635.40	0.00198	406915.64	
3747635.40	0.00193			
406905.65	3747635.40	0.00184	406895.67	
3747635.40	0.00173			
406885.68	3747635.40	0.00160	406984.04	

3747633.91	0.00155		
407001.00	3747640.93	0.00152	407009.48
3747644.44	0.00148		
407021.48	3747656.43	0.00156	407025.00
3747664.91	0.00168		
407028.52	3747673.38	0.00179	407032.04
3747681.86	0.00189		
406975.56	3747630.40	0.00153	406965.57
3747630.40	0.00163		
406955.59	3747630.40	0.00170	406945.60
3747630.40	0.00175		
406935.61	3747630.40	0.00178	406925.63
3747630.40	0.00177		
406915.64	3747630.40	0.00172	406905.65
3747630.40	0.00165		
406895.67	3747630.40	0.00156	406885.68
3747630.40	0.00145		
406984.75	3747629.20	0.00141	406993.94
3747633.01	0.00141		
407003.12	3747636.81	0.00139	407012.31
3747640.61	0.00135		
407025.31	3747653.60	0.00143	407029.12
3747662.78	0.00154		
407032.94	3747671.97	0.00165	407036.75
3747681.15	0.00174		
406975.56	3747625.40	0.00139	406965.57
3747625.40	0.00147		
406955.59	3747625.40	0.00153	406945.60
3747625.40	0.00157		
406935.61	3747625.40	0.00159	406925.63
3747625.40	0.00158		
406915.64	3747625.40	0.00154	406905.65
3747625.40	0.00148		
406895.67	3747625.40	0.00141	406885.68
3747625.40	0.00132		
406983.81	3747623.81	0.00128	406992.05
3747627.23	0.00129		
407000.30	3747630.64	0.00128	407008.54
3747634.05	0.00126		
407016.79	3747637.46	0.00123	407028.45
3747649.12	0.00129		
407031.88	3747657.36	0.00139	407035.30
3747665.60	0.00148		
407038.72	3747673.85	0.00156	407042.14
3747682.09	0.00162		
406975.56	3747620.40	0.00126	406965.57
3747620.40	0.00133		
406955.59	3747620.40	0.00138	406945.60
3747620.40	0.00141		
406935.61	3747620.40	0.00143	406925.63
3747620.40	0.00142		
406915.64	3747620.40	0.00139	406905.65
3747620.40	0.00134		
406895.67	3747620.40	0.00127	406885.68
3747620.40	0.00120		
406984.39	3747619.06	0.00117	406993.23
3747622.71	0.00118		
407002.06	3747626.37	0.00117	407010.90
3747630.03	0.00116		
407019.73	3747633.68	0.00113	407032.23
3747646.17	0.00119		
407035.90	3747655.00	0.00128	407039.56
3747663.83	0.00137		
407043.23	3747672.66	0.00144	407046.89
3747681.49	0.00150		
406975.56	3747615.40	0.00115	406965.57

3747615.40	0.00121		
406955.59	3747615.40	0.00125	406945.60
3747615.40	0.00128		
406935.61	3747615.40	0.00129	406925.63
3747615.40	0.00128		
406915.64	3747615.40	0.00126	406905.65
3747615.40	0.00121		

*** AERMOD - VERSION 22112 ***
 C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** 15:28:23

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
406895.67	3747615.40	0.00116		406885.68	
3747615.40	0.00109				
406983.64	3747613.74	0.00107		406991.71	
3747617.09	0.00108				
406999.79	3747620.43	0.00108		407007.87	
3747623.77	0.00108				
407015.95	3747627.12	0.00106		407024.02	
3747630.46	0.00104				
407035.45	3747641.88	0.00109		407038.80	
3747649.95	0.00116				
407042.15	3747658.02	0.00123		407045.51	
3747666.10	0.00130				
407048.86	3747674.17	0.00136		407052.21	
3747682.25	0.00140				
406975.56	3747610.40	0.00106		406965.57	
3747610.40	0.00110				
406955.59	3747610.40	0.00114		406945.60	
3747610.40	0.00116				
406935.61	3747610.40	0.00117		406925.63	
3747610.40	0.00116				
406915.64	3747610.40	0.00114		406905.65	
3747610.40	0.00110				
406895.67	3747610.40	0.00106		406885.68	
3747610.40	0.00100				
406984.14	3747608.95	0.00099		406992.72	
3747612.50	0.00100				
407001.31	3747616.06	0.00100		407009.89	
3747619.61	0.00099				
407018.47	3747623.16	0.00098		407027.05	
3747626.71	0.00096				
407039.19	3747638.84	0.00100		407042.76	
3747647.42	0.00108				
407046.32	3747656.00	0.00115		407049.88	
3747664.58	0.00121				
407053.44	3747673.16	0.00126		407057.00	
3747681.74	0.00131				
406975.56	3747605.40	0.00097		406965.57	
3747605.40	0.00101				

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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
***
***
***      15.28.23

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
407067.08	3747681.92	0.00114	406975.56	
3747595.40	0.00082			
406965.57	3747595.40	0.00085	406955.59	

3747595.40	0.00087		
406945.60	3747595.40	0.00088	406935.61
3747595.40	0.00089		
406925.63	3747595.40	0.00088	406915.64
3747595.40	0.00087		
406905.65	3747595.40	0.00085	406895.67
3747595.40	0.00082		
406885.68	3747595.40	0.00078	406984.39
3747594.06	0.00078		
406993.23	3747597.71	0.00079	407002.06
3747601.37	0.00079		
407010.90	3747605.03	0.00079	407019.73
3747608.68	0.00079		
407028.57	3747612.34	0.00078	407037.40
3747616.00	0.00076		
407049.90	3747628.48	0.00080	407053.57
3747637.32	0.00086		
407057.23	3747646.15	0.00091	407060.90
3747654.98	0.00096		
407064.56	3747663.81	0.00100	407068.23
3747672.64	0.00104		
407071.89	3747681.47	0.00107	406975.56
3747590.40	0.00076		
406965.57	3747590.40	0.00078	406955.59
3747590.40	0.00080		
406945.60	3747590.40	0.00081	406935.61
3747590.40	0.00082		
406925.63	3747590.40	0.00081	406915.64
3747590.40	0.00080		
406905.65	3747590.40	0.00078	406895.67
3747590.40	0.00075		
406885.68	3747590.40	0.00072	406880.68
3747690.40	0.00544		
406880.68	3747700.40	0.00688	406880.68
3747710.39	0.00848		
406880.68	3747720.39	0.00995	406880.68
3747730.39	0.01089		
406880.68	3747740.38	0.01099	406880.68
3747750.38	0.01025		
406880.68	3747760.38	0.00897	406880.68
3747770.37	0.00756		
406880.68	3747780.37	0.00625	406875.68
3747690.40	0.00483		
406875.68	3747700.40	0.00597	406875.68
3747710.39	0.00718		
406875.68	3747720.39	0.00826	406875.68
3747730.39	0.00894		
406875.68	3747740.38	0.00901	406875.68
3747750.38	0.00849		
406875.68	3747760.38	0.00755	406875.68
3747770.37	0.00647		
406875.68	3747780.37	0.00543	406872.88
3747685.10	0.00404		
406880.38	3747677.60	0.00394	406870.68
3747690.40	0.00430		
406870.68	3747700.40	0.00521	406870.68
3747710.39	0.00614		
406870.68	3747720.39	0.00694	406870.68
3747730.39	0.00744		
406870.68	3747740.38	0.00750	406870.68
3747750.38	0.00711		
406870.68	3747760.38	0.00642	406870.68
3747770.37	0.00558		
406870.68	3747780.37	0.00475	406868.61
3747683.33	0.00356		
406878.61	3747673.33	0.00344	406865.68

3747690.40	0.00383		
406865.68	3747700.40	0.00456	406865.68
3747710.39	0.00529		
406865.68	3747720.39	0.00590	406865.68
3747730.39	0.00627		
406865.68	3747740.38	0.00631	406865.68
3747750.38	0.00603		
406865.68	3747760.38	0.00550	406865.68
3747770.37	0.00485		
406865.68	3747780.37	0.00418	406864.34
3747681.56	0.00315		

*** AERMOD - VERSION 22112 ***
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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 *** 15:28:23

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
406876.84	3747669.06	0.00303		406860.68	
3747690.40	0.00343				
406860.68	3747700.40	0.00402		406860.68	
3747710.39	0.00459				
406860.68	3747720.39	0.00506		406860.68	
3747730.39	0.00534				
406860.68	3747740.38	0.00537		406860.68	
3747750.38	0.00516				
406860.68	3747760.38	0.00475		406860.68	
3747770.37	0.00424				
406860.68	3747780.37	0.00370		406858.61	
3747683.33	0.00291				
406861.54	3747676.26	0.00270		406871.54	
3747666.26	0.00262				
406878.61	3747663.33	0.00272		406855.68	
3747690.40	0.00307				
406855.68	3747700.40	0.00356		406855.68	
3747710.39	0.00401				
406855.68	3747720.39	0.00438		406855.68	
3747730.39	0.00460				
406855.68	3747740.38	0.00462		406855.68	
3747750.38	0.00446				
406855.68	3747760.38	0.00414		406855.68	
3747770.37	0.00373				
406855.68	3747780.37	0.00329		406854.10	
3747682.15	0.00261				
406857.51	3747673.90	0.00241		406869.18	
3747662.23	0.00232				
406877.43	3747658.82	0.00242		406850.68	
3747690.40	0.00277				
406850.68	3747700.40	0.00316		406850.68	
3747710.39	0.00353				
406850.68	3747720.39	0.00382		406850.68	
3747730.39	0.00399				

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Pf *** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     ***          15.28.23
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			

406835.68	3747720.39	0.00264	406835.68
3747730.39	0.00273		
406835.68	3747740.38	0.00275	406835.68
3747750.38	0.00268		
406835.68	3747760.38	0.00255	406835.68
3747770.37	0.00237		
406835.68	3747780.37	0.00216	406833.90
3747682.62	0.00182		
406837.12	3747674.84	0.00173	406840.35
3747667.07	0.00164		
406843.57	3747659.29	0.00153	406854.57
3747648.29	0.00147		
406862.35	3747645.07	0.00153	406870.12
3747641.84	0.00157		
406877.90	3747638.62	0.00159	406830.68
3747690.40	0.00188		
406830.68	3747700.40	0.00207	406830.68
3747710.39	0.00224		
406830.68	3747720.39	0.00237	406830.68
3747730.39	0.00244		
406830.68	3747740.38	0.00245	406830.68
3747750.38	0.00240		
406830.68	3747760.38	0.00229	406830.68
3747770.37	0.00214		
406830.68	3747780.37	0.00196	406829.19
3747681.91	0.00166		
406832.71	3747673.43	0.00159	406836.22
3747664.94	0.00149		
406839.74	3747656.46	0.00139	406851.74
3747644.46	0.00134		
406860.22	3747640.94	0.00139	406877.19
3747633.91	0.00144		
406825.68	3747690.40	0.00172	406825.68
3747700.40	0.00188		
406825.68	3747710.39	0.00202	406825.68
3747720.39	0.00213		
406825.68	3747730.39	0.00219	406825.68
3747740.38	0.00220		
406825.68	3747750.38	0.00215	406825.68
3747760.38	0.00206		
406825.68	3747770.37	0.00194	406825.68
3747780.37	0.00179		
406824.49	3747681.21	0.00153	406828.30
3747672.02	0.00146		
406832.10	3747662.82	0.00137	406835.91
3747653.63	0.00127		
406848.91	3747640.63	0.00122	406858.10
3747636.82	0.00126		
406867.30	3747633.02	0.00130	406876.49
3747629.21	0.00131		
406820.68	3747690.40	0.00157	406820.68
3747700.40	0.00171		
406820.68	3747710.39	0.00184	406820.68
3747720.39	0.00193		
406820.68	3747730.39	0.00198	406820.68
3747740.38	0.00198		
406820.68	3747750.38	0.00195	406820.68
3747760.38	0.00187		
406820.68	3747770.37	0.00176	406820.68
3747780.37	0.00164		
406819.10	3747682.15	0.00141	406822.51
3747673.90	0.00136		
406825.93	3747665.65	0.00130	406829.35
3747657.40	0.00122		
406832.77	3747649.15	0.00114	406844.43

3747637.49	0.00110		
406852.68	3747634.07	0.00114	406860.93
3747630.65	0.00117		
406869.18	3747627.23	0.00119	406877.43
3747623.82	0.00120		
406815.68	3747690.40	0.00145	406815.68
3747700.40	0.00157		
406815.68	3747710.39	0.00167	406815.68
3747720.39	0.00175		
406815.68	3747730.39	0.00179	406815.68
3747740.38	0.00180		
406815.68	3747750.38	0.00177	406815.68
3747760.38	0.00170		
406815.68	3747770.37	0.00161	406815.68
3747780.37	0.00150		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 15:28:23

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** 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			
406814.34	3747681.56	0.00131	406818.00	
3747672.72	0.00126			
406821.66	3747663.88	0.00120	406825.32	
3747655.04	0.00113			
406828.99	3747646.21	0.00105	406841.49	
3747633.71	0.00101			
406850.32	3747630.04	0.00105	406859.16	
3747626.38	0.00107			
406868.00	3747622.72	0.00109	406876.84	
3747619.06	0.00110			
406810.68	3747690.40	0.00133	406810.68	
3747700.40	0.00144			
406810.68	3747710.39	0.00153	406810.68	
3747720.39	0.00159			
406810.68	3747730.39	0.00163	406810.68	
3747740.38	0.00164			
406810.68	3747750.38	0.00161	406810.68	
3747760.38	0.00155			
406810.68	3747770.37	0.00148	406810.68	
3747780.37	0.00138			
406809.03	3747682.32	0.00121	406812.37	
3747674.24	0.00118			
406815.72	3747666.16	0.00113	406819.07	
3747658.08	0.00108			
406822.42	3747649.99	0.00102	406825.76	
3747641.91	0.00095			
406837.19	3747630.48	0.00092	406845.27	
3747627.14	0.00095			
406853.36	3747623.79	0.00098	406861.44	
3747620.44	0.00100			

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PP *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***          06/27/23
*** AERMET - VERSION 16216 ***
***                                     *** 15:28:23

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X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
406795.68	3747740.38	0.00126	406795.68	
3747750.38	0.00124			
406795.68	3747760.38	0.00121	406795.68	
3747770.37	0.00116			
406795.68	3747780.37	0.00109	406794.16	
3747682.00	0.00098			
406797.64	3747673.61	0.00095	406801.11	
3747665.21	0.00092			
406804.59	3747656.81	0.00089	406808.07	
3747648.42	0.00084			
406811.55	3747640.02	0.00080	406815.03	
3747631.62	0.00075			
406826.90	3747619.75	0.00072	406835.30	
3747616.27	0.00075			
406843.70	3747612.79	0.00076	406852.09	
3747609.31	0.00078			
406860.49	3747605.83	0.00079	406868.89	
3747602.36	0.00079			
406877.28	3747598.88	0.00079	406790.68	
3747690.40	0.00099			
406790.68	3747700.40	0.00105	406790.68	
3747710.39	0.00110			
406790.68	3747720.39	0.00114	406790.68	
3747730.39	0.00116			
406790.68	3747740.38	0.00116	406790.68	
3747750.38	0.00115			
406790.68	3747760.38	0.00112	406790.68	
3747770.37	0.00107			
406790.68	3747780.37	0.00102	406789.34	
3747681.56	0.00091			
406793.00	3747672.72	0.00089	406796.66	
3747663.88	0.00086			
406800.32	3747655.04	0.00083	406803.99	
3747646.21	0.00079			
406807.65	3747637.37	0.00074	406811.31	
3747628.53	0.00069			
406823.81	3747616.03	0.00067	406832.65	
3747612.37	0.00069			
406841.49	3747608.71	0.00071	406850.32	
3747605.04	0.00072			
406868.00	3747597.72	0.00073	406876.84	
3747594.06	0.00073			
406785.68	3747690.40	0.00092	406785.68	
3747700.40	0.00098			
406785.68	3747710.39	0.00102	406785.68	
3747720.39	0.00105			
406785.68	3747730.39	0.00107	406785.68	
3747740.38	0.00107			
406785.68	3747750.38	0.00106	406785.68	
3747760.38	0.00103			
406785.68	3747770.37	0.00100	406785.68	
3747780.37	0.00095			
406885.68	3747785.37	0.00651	406895.68	
3747785.37	0.00874			
406905.67	3747785.37	0.01161	406915.67	
3747785.37	0.01459			
406925.67	3747785.37	0.01685	406935.66	
3747785.37	0.01781			
406945.66	3747785.37	0.01737	406955.66	
3747785.37	0.01582			
406965.65	3747785.37	0.01371	406975.65	

3747785.37	0.01148		
406885.68	3747790.37	0.00585	406895.68
3747790.37	0.00770		
406905.67	3747790.37	0.01000	406915.67
3747790.37	0.01236		
406925.67	3747790.37	0.01420	406935.66
3747790.37	0.01508		
406945.66	3747790.37	0.01489	406955.66
3747790.37	0.01383		
406965.65	3747790.37	0.01224	406975.65
3747790.37	0.01048		
406880.38	3747793.17	0.00480	406872.88
3747785.67	0.00458		
406885.68	3747795.37	0.00525	406895.68
3747795.37	0.00679		
406905.67	3747795.37	0.00866	406915.67
3747795.37	0.01056		
406925.67	3747795.37	0.01208	406935.66
3747795.37	0.01288		

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GP\14635 Cons      ***      06/27/23
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M) (M)	Y-COORD (M) CONC	CONC		X-COORD (M)	Y-COORD
406945.66	3747795.37	0.01286		406955.66	
3747795.37	0.01214				
406965.65	3747795.37	0.01095		406975.65	
3747795.37	0.00955				
406878.61	3747797.44	0.00423		406868.61	
3747787.44	0.00400				
406885.68	3747800.37	0.00472		406895.68	
3747800.37	0.00601				
406905.67	3747800.37	0.00754		406915.67	
3747800.37	0.00910				
406925.67	3747800.37	0.01037		406935.66	
3747800.37	0.01109				
406945.66	3747800.37	0.01119		406955.66	
3747800.37	0.01071				
406965.65	3747800.37	0.00982		406975.65	
3747800.37	0.00872				
406876.84	3747801.71	0.00374		406864.34	
3747789.21	0.00352				
406885.68	3747805.37	0.00426		406895.68	
3747805.37	0.00534				
406905.67	3747805.37	0.00661		406915.67	
3747805.37	0.00790				
406925.67	3747805.37	0.00897		406935.66	
3747805.37	0.00963				
406945.66	3747805.37	0.00979		406955.66	
3747805.37	0.00949				

406965.65	3747805.37	0.00883	406975.65
3747805.37	0.00796		
406878.61	3747807.44	0.00350	406871.54
3747804.51	0.00318		
406861.54	3747794.51	0.00304	406858.61
3747787.44	0.00318		
406885.68	3747810.37	0.00385	406895.68
3747810.37	0.00477		
406905.67	3747810.37	0.00583	406915.67
3747810.37	0.00691		
406925.67	3747810.37	0.00783	406935.66
3747810.37	0.00843		
406945.66	3747810.37	0.00863	406955.66
3747810.37	0.00845		
406965.65	3747810.37	0.00796	406975.65
3747810.37	0.00728		
406877.43	3747811.95	0.00314	406869.18
3747808.54	0.00283		
406857.51	3747796.87	0.00270	406854.10
3747788.62	0.00284		
406885.68	3747815.37	0.00349	406895.68
3747815.37	0.00427		
406905.67	3747815.37	0.00517	406915.67
3747815.37	0.00609		
406925.67	3747815.37	0.00688	406935.66
3747815.37	0.00742		
406945.66	3747815.37	0.00765	406955.66
3747815.37	0.00755		
406965.65	3747815.37	0.00720	406975.65
3747815.37	0.00666		
406878.61	3747817.44	0.00292	406871.54
3747814.51	0.00268		
406864.47	3747811.58	0.00246	406854.47
3747801.58	0.00238		
406851.54	3747794.51	0.00249	406848.61
3747787.44	0.00258		
406885.68	3747820.37	0.00318	406895.68
3747820.37	0.00385		
406905.67	3747820.37	0.00462	406915.67
3747820.37	0.00540		
406925.67	3747820.37	0.00608	406935.66
3747820.37	0.00657		
406945.66	3747820.37	0.00681	406955.66
3747820.37	0.00678		
406965.65	3747820.37	0.00653	406975.65
3747820.37	0.00611		
406877.73	3747822.07	0.00265	406869.77
3747818.78	0.00242		
406861.82	3747815.48	0.00221	406850.57
3747804.23	0.00214		
406847.27	3747796.28	0.00224	406843.98
3747788.32	0.00233		
406885.68	3747825.37	0.00290	406895.68
3747825.37	0.00348		

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN			**
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD	
(M)	CONC					
406905.67	3747825.37	0.00414		406915.67		
3747825.37	0.00482					
406925.67	3747825.37	0.00541		406935.66		
3747825.37	0.00586					
406945.66	3747825.37	0.00609		406955.66		
3747825.37	0.00611					
406965.65	3747825.37	0.00594		406975.65		
3747825.37	0.00561					
406876.84	3747826.71	0.00241		406868.00		
3747823.05	0.00219					
406859.16	3747819.39	0.00199		406846.66		
3747806.89	0.00193					
406843.00	3747798.05	0.00203		406839.34		
3747789.21	0.00211					
406885.68	3747830.37	0.00266		406895.68		
3747830.37	0.00317					
406905.67	3747830.37	0.00374		406915.67		
3747830.37	0.00432					
406925.67	3747830.37	0.00484		406935.66		
3747830.37	0.00525					
406945.66	3747830.37	0.00548		406955.66		
3747830.37	0.00553					
406965.65	3747830.37	0.00541		406975.65		
3747830.37	0.00516					
406877.90	3747832.15	0.00225		406870.12		
3747828.93	0.00208					
406862.35	3747825.70	0.00192		406854.57		
3747822.48	0.00177					
406843.57	3747811.48	0.00172		406840.35		
3747803.70	0.00180					
406837.12	3747795.93	0.00187		406833.90		
3747788.15	0.00193					
406885.68	3747835.37	0.00244		406895.68		
3747835.37	0.00289					
406905.67	3747835.37	0.00339		406915.67		
3747835.37	0.00389					
406925.67	3747835.37	0.00436		406935.66		
3747835.37	0.00472					
406945.66	3747835.37	0.00495		406955.66		
3747835.37	0.00502					
406965.65	3747835.37	0.00495		406975.65		
3747835.37	0.00475					
406877.19	3747836.86	0.00207		406860.22		
3747829.83	0.00175					
406851.74	3747826.31	0.00161		406839.74		
3747814.31	0.00157					
406836.22	3747805.83	0.00164		406832.71		
3747797.34	0.00171					
406829.19	3747788.86	0.00176		406885.68		
3747840.37	0.00225					
406895.68	3747840.37	0.00264		406905.67		
3747840.37	0.00308					
406915.67	3747840.37	0.00352		406925.67		
3747840.37	0.00394					
406935.66	3747840.37	0.00427		406945.66		
3747840.37	0.00448					
406955.66	3747840.37	0.00457		406965.65		

3747840.37	0.00453		
406975.65	3747840.37	0.00439	406876.49
3747841.56	0.00191		
406867.30	3747837.75	0.00174	406858.10
3747833.95	0.00160		
406848.91	3747830.14	0.00147	406835.91
3747817.14	0.00143		
406832.10	3747807.95	0.00150	406828.30
3747798.75	0.00157		
406824.49	3747789.56	0.00161	406885.68
3747845.37	0.00208		
406895.68	3747845.37	0.00243	406905.67
3747845.37	0.00281		
406915.67	3747845.37	0.00320	406925.67
3747845.37	0.00357		
406935.66	3747845.37	0.00387	406945.66
3747845.37	0.00408		
406955.66	3747845.37	0.00417	406965.65
3747845.37	0.00416		
406975.65	3747845.37	0.00406	406877.43
3747846.95	0.00179		
406869.18	3747843.54	0.00165	406860.93
3747840.12	0.00153		

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406852.68	3747836.70	0.00143	406844.43	
3747833.28	0.00133			
406832.77	3747821.62	0.00130	406829.35	
3747813.37	0.00136			
406825.93	3747805.12	0.00141	406822.51	
3747796.87	0.00145			
406819.10	3747788.62	0.00149	406885.68	
3747850.37	0.00193			
406895.68	3747850.37	0.00224	406905.67	
3747850.37	0.00258			
406915.67	3747850.37	0.00292	406925.67	
3747850.37	0.00325			
406935.66	3747850.37	0.00352	406945.66	
3747850.37	0.00372			
406955.66	3747850.37	0.00382	406965.65	
3747850.37	0.00383			
406975.65	3747850.37	0.00376	406876.84	
3747851.71	0.00165			
406868.00	3747848.05	0.00153	406859.16	
3747844.39	0.00141			
406850.32	3747840.73	0.00131	406841.49	
3747837.06	0.00122			

406828.99	3747824.56	0.00119	406825.32
3747815.73	0.00125		
406821.66	3747806.89	0.00130	406818.00
3747798.05	0.00134		
406814.34	3747789.21	0.00137	406885.68
3747855.37	0.00179		
406895.68	3747855.37	0.00207	406905.67
3747855.37	0.00237		
406915.67	3747855.37	0.00268	406925.67
3747855.37	0.00297		
406935.66	3747855.37	0.00322	406945.66
3747855.37	0.00341		
406955.66	3747855.37	0.00351	406965.65
3747855.37	0.00354		
406975.65	3747855.37	0.00349	406877.60
3747857.02	0.00155		
406869.52	3747853.68	0.00145	406861.44
3747850.33	0.00135		
406853.36	3747846.98	0.00126	406845.27
3747843.63	0.00118		
406837.19	3747840.29	0.00111	406825.76
3747828.86	0.00109		
406822.42	3747820.78	0.00113	406819.07
3747812.69	0.00118		
406815.72	3747804.61	0.00122	406812.37
3747796.53	0.00125		
406809.03	3747788.45	0.00127	406885.68
3747860.37	0.00166		
406895.68	3747860.37	0.00191	406905.67
3747860.37	0.00218		
406915.67	3747860.37	0.00246	406925.67
3747860.37	0.00273		
406935.66	3747860.37	0.00295	406945.66
3747860.37	0.00313		
406955.66	3747860.37	0.00323	406965.65
3747860.37	0.00327		
406975.65	3747860.37	0.00324	406877.09
3747861.81	0.00145		
406868.51	3747858.26	0.00135	406859.92
3747854.70	0.00125		
406851.33	3747851.14	0.00117	406842.75
3747847.59	0.00109		
406834.16	3747844.03	0.00102	406822.02
3747831.89	0.00100		
406818.46	3747823.30	0.00105	406814.91
3747814.72	0.00109		
406811.35	3747806.13	0.00113	406807.79
3747797.54	0.00115		
406804.24	3747788.96	0.00117	406885.68
3747865.37	0.00155		
406895.68	3747865.37	0.00178	406905.67
3747865.37	0.00202		
406915.67	3747865.37	0.00227	406925.67
3747865.37	0.00251		
406935.66	3747865.37	0.00272	406945.66
3747865.37	0.00288		
406955.66	3747865.37	0.00298	406965.65
3747865.37	0.00303		

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 GP\14635 Cons *** 06/27/23
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
				**	
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				
406975.65	3747865.37	0.00301		406876.59	
3747866.60	0.00135				
406867.50	3747862.84	0.00125		406858.41	
3747859.07	0.00117				
406840.22	3747851.54	0.00101		406831.13	
3747847.78	0.00095				
406818.27	3747834.92	0.00093		406814.51	
3747825.83	0.00097				
406810.74	3747816.74	0.00101		406806.98	
3747807.64	0.00105				
406803.21	3747798.55	0.00107		406799.45	
3747789.46	0.00109				
406885.68	3747870.37	0.00145		406895.68	
3747870.37	0.00165				
406905.67	3747870.37	0.00187		406915.67	
3747870.37	0.00210				
406925.67	3747870.37	0.00231		406935.66	
3747870.37	0.00250				
406945.66	3747870.37	0.00266		406955.66	
3747870.37	0.00276				
406965.65	3747870.37	0.00281		406975.65	
3747870.37	0.00281				
406877.28	3747871.89	0.00127		406868.89	
3747868.41	0.00119				
406860.49	3747864.94	0.00112		406852.09	
3747861.46	0.00105				
406843.70	3747857.98	0.00098		406835.30	
3747854.50	0.00093				
406826.90	3747851.02	0.00087		406815.03	
3747839.15	0.00086				
406811.55	3747830.75	0.00089		406808.07	
3747822.35	0.00093				
406804.59	3747813.96	0.00096		406801.11	
3747805.56	0.00098				
406797.64	3747797.16	0.00100		406794.16	
3747788.77	0.00101				
406885.68	3747875.37	0.00136		406895.68	
3747875.37	0.00154				
406905.67	3747875.37	0.00174		406915.67	
3747875.37	0.00194				
406925.67	3747875.37	0.00214		406935.66	
3747875.37	0.00232				
406945.66	3747875.37	0.00246		406955.66	
3747875.37	0.00256				
406965.65	3747875.37	0.00261		406975.65	
3747875.37	0.00262				
406876.84	3747876.71	0.00119		406868.00	
3747873.05	0.00112				
406859.16	3747869.39	0.00104		406850.32	
3747865.73	0.00098				
406841.49	3747862.06	0.00092		406832.65	
3747858.40	0.00086				
406823.81	3747854.74	0.00081		406811.31	

3747842.24	0.00080		
406807.65	3747833.40	0.00083	406803.99
3747824.56	0.00086		
406800.32	3747815.73	0.00089	406796.66
3747806.89	0.00092		
406793.00	3747798.05	0.00093	406789.34
3747789.21	0.00095		
406885.68	3747880.37	0.00127	406895.68
3747880.37	0.00144		
406905.67	3747880.37	0.00162	406915.67
3747880.37	0.00181		
406925.67	3747880.37	0.00198	406935.66
3747880.37	0.00215		
406945.66	3747880.37	0.00228	406955.66
3747880.37	0.00238		
406965.65	3747880.37	0.00243	406975.65
3747880.37	0.00245		
406885.68	3747780.37	0.00725	406975.65
3747780.37	0.01257		
406975.56	3747690.40	0.00651	406885.68
3747690.40	0.00612		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 15:28:23

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406980.65	3747780.36	0.22704	(13112016)	406980.64	
3747770.37	0.23663	(13112016)			
406980.63	3747760.37	0.27712	(12121416)	406980.62	
3747750.37	0.29917	(12121416)			
406980.61	3747740.38	0.28742	(12121416)	406980.60	
3747730.38	0.27015	(15122816)			
406980.59	3747720.38	0.29425	(15122816)	406980.58	
3747710.39	0.28639	(15122816)			
406980.57	3747700.39	0.25425	(15122816)	406980.56	
3747690.39	0.20956	(15122816)			
406985.65	3747780.36	0.20191	(13112016)	406985.64	
3747770.36	0.21905	(12121416)			
406985.63	3747760.37	0.25414	(12121416)	406985.62	
3747750.37	0.26809	(12121416)			
406985.61	3747740.37	0.25306	(12121416)	406985.60	
3747730.38	0.23382	(15122816)			
406985.59	3747720.38	0.25992	(15122816)	406985.58	
3747710.38	0.25930	(15122816)			
406985.57	3747700.39	0.23663	(15122816)	406985.56	
3747690.39	0.20078	(15122816)			
406988.46	3747785.66	0.18526	(13112016)	406980.96	
3747793.17	0.20629	(12113016)			
406990.65	3747780.35	0.17792	(13112016)	406990.64	
3747770.36	0.20564	(12121416)			

406990.63	3747760.36	0.23272	(12121416)	406990.62
3747750.36	0.24035	(12121416)		
406990.61	3747740.37	0.22330	(12121416)	406990.60
3747730.37	0.20812	(12122416)		
406990.59	3747720.37	0.22958	(15122816)	406990.58
3747710.38	0.23428	(15122816)		
406990.57	3747700.38	0.21925	(15122816)	406990.56
3747690.38	0.19108	(15122816)		
406992.72	3747787.43	0.16716	(13112016)	406982.72
3747797.44	0.19315	(12113016)		
406995.65	3747780.35	0.16144	(12121416)	406995.64
3747770.35	0.19253	(12121416)		
406995.63	3747760.36	0.21293	(12121416)	406995.62
3747750.36	0.21577	(12121416)		
406995.61	3747740.36	0.19761	(12121416)	406995.60
3747730.37	0.18638	(12122416)		
406995.59	3747720.37	0.20296	(15122816)	406995.58
3747710.37	0.21143	(15122816)		
406995.57	3747700.38	0.20251	(15122816)	406995.56
3747690.38	0.18090	(15122816)		
406996.99	3747789.19	0.15089	(13112016)	406984.49
3747801.70	0.18112	(12113016)		
407000.65	3747780.34	0.15439	(12121416)	407000.64
3747770.35	0.17984	(12121416)		
407000.63	3747760.35	0.19484	(12121416)	407000.62
3747750.35	0.19405	(12121416)		
407000.61	3747740.36	0.17550	(12121416)	407000.60
3747730.36	0.16779	(12122416)		
407000.59	3747720.36	0.17972	(15122816)	407000.58
3747710.37	0.19074	(15122816)		
407000.57	3747700.37	0.18660	(15122816)	407000.56
3747690.37	0.17050	(15122816)		
407002.72	3747787.42	0.13168	(12121416)	406999.80
3747794.50	0.14051	(13112016)		
406989.80	3747804.51	0.16007	(12113016)	406982.72
3747807.44	0.17936	(14120316)		
407005.65	3747780.34	0.14711	(12121416)	407005.64
3747770.34	0.16777	(12121416)		
407005.63	3747760.35	0.17835	(12121416)	407005.62
3747750.35	0.17491	(12121416)		
407005.61	3747740.35	0.15641	(12121416)	407005.60
3747730.36	0.15180	(12122416)		
407005.59	3747720.36	0.15944	(15122816)	407005.58
3747710.36	0.17212	(15122816)		
407005.57	3747700.37	0.17166	(15122816)	407005.56
3747690.37	0.16015	(15122816)		
407007.24	3747788.59	0.12479	(12121416)	407003.82
3747796.85	0.12835	(13112016)		
406992.16	3747808.53	0.14962	(12113016)	406983.90
3747811.95	0.16893	(14120316)		
407010.65	3747780.33	0.13982	(12121416)	407010.64
3747770.34	0.15634	(12121416)		
407010.63	3747760.34	0.16340	(12121416)	407010.62
3747750.34	0.15802	(12121416)		
407010.61	3747740.35	0.13994	(12121416)	407010.60
3747730.35	0.13798	(12122416)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 15:28:23

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)				
407010.59	3747720.35	0.14180	(15122816)		407010.58	
3747710.36	0.15541	(15122816)				
407010.57	3747700.36	0.15773	(15122816)		407010.56	
3747690.36	0.14998	(15122816)				
407012.72	3747787.41	0.12263	(12121416)		407009.80	
3747794.49	0.11165	(13112016)				
407006.87	3747801.56	0.11974	(13112016)		406996.87	
3747811.57	0.13579	(13112016)				
406989.80	3747814.51	0.15080	(12113016)		406982.72	
3747817.44	0.16693	(14120316)				
407015.65	3747780.33	0.13257	(12121416)		407015.64	
3747770.33	0.14563	(12121416)				
407015.63	3747760.34	0.14985	(12121416)		407015.62	
3747750.34	0.14313	(12121416)				
407015.61	3747740.34	0.12565	(12121416)		407015.60	
3747730.35	0.12594	(12122416)				
407015.59	3747720.35	0.12639	(15122816)		407015.58	
3747710.35	0.14044	(15122816)				
407015.57	3747700.36	0.14484	(15122816)		407015.56	
3747690.36	0.14016	(15122816)				
407017.36	3747788.29	0.11646	(12121416)		407014.07	
3747796.25	0.10251	(12121416)				
407010.78	3747804.21	0.11027	(13112016)		406999.53	
3747815.47	0.12716	(13112016)				
406991.57	3747818.77	0.14232	(12113016)		406983.61	
3747822.07	0.15813	(14120316)				
407020.65	3747780.32	0.12551	(12121416)		407020.64	
3747770.33	0.13563	(12121416)				
407020.63	3747760.33	0.13760	(12121416)		407020.62	
3747750.33	0.12996	(12121416)				
407020.61	3747740.34	0.11324	(12121416)		407020.60	
3747730.34	0.11541	(12122416)				
407020.59	3747720.34	0.11306	(12122416)		407020.58	
3747710.35	0.12705	(15122816)				
407020.57	3747700.35	0.13295	(15122816)		407020.56	
3747690.35	0.13075	(15122816)				
407021.99	3747789.17	0.11065	(12121416)		407018.34	
3747798.01	0.09697	(12121416)				
407014.68	3747806.86	0.10179	(13112016)		407002.18	
3747819.37	0.11935	(13112016)				
406993.34	3747823.04	0.13450	(12113016)		406984.49	
3747826.70	0.14997	(14120316)				
407025.65	3747780.32	0.11865	(12121416)		407025.64	
3747770.32	0.12633	(12121416)				
407025.63	3747760.33	0.12653	(12121416)		407025.62	
3747750.33	0.11831	(12121416)				
407025.61	3747740.33	0.10256	(12122416)		407025.60	
3747730.34	0.10614	(12122416)				
407025.59	3747720.34	0.10435	(12122416)		407025.58	
3747710.34	0.11510	(15122816)				
407025.57	3747700.35	0.12204	(15122816)		407025.56	
3747690.35	0.12182	(15122816)				
407027.43	3747788.10	0.10712	(12121416)		407024.21	
3747795.89	0.09779	(12121416)				
407021.00	3747803.67	0.08876	(12121716)		407017.78	

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FF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     ***          15:28:23
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407035.62	3747750.32	0.09877	(12121416)	407035.61	
3747740.32	0.08751	(12122416)			
407035.60	3747730.33	0.09063	(12122416)	407035.59	
3747720.33	0.08964	(12122416)			
407035.58	3747710.33	0.09486	(15122816)	407035.57	
3747700.34	0.10294	(15122816)			
407035.56	3747690.34	0.10548	(15122816)	407036.85	
3747789.51	0.09673	(12121416)			
407033.04	3747798.71	0.08846	(12121416)	407029.24	
3747807.91	0.07884	(12121716)			
407025.44	3747817.11	0.08279	(13112016)	407012.44	
3747830.12	0.09782	(13112016)			
407003.24	3747833.93	0.10878	(12113016)	406994.04	
3747837.75	0.11878	(12113016)			
406984.85	3747841.56	0.13255	(14120316)	407040.65	
3747780.30	0.09978	(12121416)			
407040.64	3747770.31	0.10229	(12121416)	407040.63	
3747760.31	0.09924	(12121416)			
407040.62	3747750.31	0.09055	(12121416)	407040.61	
3747740.32	0.08119	(12122416)			

407040.60	3747730.32	0.08411	(12122416)	407040.59
3747720.32	0.08340	(12122416)		
407040.58	3747710.33	0.08632	(15122816)	407040.57
3747700.33	0.09462	(15122816)		
407040.56	3747690.33	0.09809	(15122816)	407042.24
3747788.56	0.09274	(12121416)		
407038.82	3747796.81	0.08739	(12121416)	407035.41
3747805.07	0.07872	(12121416)		
407032.00	3747813.33	0.07431	(12121716)	407028.59
3747821.59	0.07831	(13112016)		
407016.92	3747833.26	0.09097	(13112016)	407008.66
3747836.69	0.09884	(12113016)		
407000.41	3747840.11	0.10878	(12113016)	406992.16
3747843.53	0.11552	(14120316)		
406983.90	3747846.95	0.12855	(14120316)	407045.65
3747780.30	0.09411	(12121416)		
407045.64	3747770.30	0.09545	(12121416)	407045.63
3747760.31	0.09180	(12121416)		
407045.62	3747750.31	0.08322	(12121416)	407045.61
3747740.31	0.07553	(12122416)		
407045.60	3747730.32	0.07826	(12122416)	407045.59
3747720.32	0.07778	(12122416)		
407045.58	3747710.32	0.07868	(15122816)	407045.57
3747700.33	0.08704	(15122816)		
407045.56	3747690.33	0.09120	(15122816)	407046.99
3747789.14	0.08815	(12121416)		
407043.34	3747797.99	0.08332	(12121416)	407039.68
3747806.84	0.07496	(12121416)		
407036.02	3747815.68	0.07039	(12121716)	407032.37
3747824.53	0.07329	(13112016)		
407019.87	3747837.04	0.08605	(13112016)	407011.02
3747840.71	0.09380	(12113016)		
407002.18	3747844.37	0.10349	(12113016)	406993.34
3747848.04	0.10996	(14120316)		
406984.49	3747851.70	0.12251	(14120316)	407050.65
3747780.29	0.08875	(12121416)		
407050.64	3747770.30	0.08914	(12121416)	407050.63
3747760.30	0.08505	(12121416)		
407050.62	3747750.30	0.07664	(12121416)	407050.61
3747740.31	0.07043	(12122416)		
407050.60	3747730.31	0.07299	(12122416)	407050.59
3747720.31	0.07270	(12122416)		
407050.58	3747710.32	0.07182	(15122816)	407050.57
3747700.32	0.08013	(15122816)		
407050.56	3747690.32	0.08479	(15122816)	407052.31
3747788.38	0.08406	(12121416)		
407048.96	3747796.47	0.08116	(12121416)	407045.62
3747804.56	0.07530	(12121416)		
407042.28	3747812.64	0.06718	(12121416)	407038.93
3747820.73	0.06647	(12121716)		
407035.59	3747828.82	0.06948	(13112016)	407024.16
3747840.26	0.08046	(13112016)		
407016.08	3747843.61	0.08606	(13112016)	407007.99
3747846.96	0.09503	(12113016)		
406999.91	3747850.32	0.10120	(12113016)	406991.82
3747853.67	0.10865	(14120316)		
406983.74	3747857.02	0.11817	(14120316)	407055.65
3747780.29	0.08370	(12121416)		
407055.64	3747770.29	0.08332	(12121416)	407055.63
3747760.30	0.07891	(12121416)		

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

*** 15:28:23

*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM IN		**	
		MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			

407055.62	3747750.30	0.07073	(12121416)	407055.61	
3747740.30	0.06584	(12122416)			
407055.60	3747730.31	0.06824	(12122416)	407055.59	
3747720.31	0.06810	(12122416)			
407055.58	3747710.31	0.06592	(16011916)	407055.57	
3747700.32	0.07384	(15122816)			
407055.56	3747690.32	0.07885	(15122816)	407057.10	
3747788.88	0.07989	(12121416)			
407053.55	3747797.47	0.07745	(12121416)	407049.99	
3747806.07	0.07194	(12121416)			
407046.44	3747814.66	0.06402	(12121416)	407042.89	
3747823.26	0.06317	(12121716)			
407039.34	3747831.85	0.06530	(13112016)	407027.19	
3747844.00	0.07632	(13112016)			
407018.60	3747847.57	0.08178	(13112016)	407010.01	
3747851.13	0.09058	(12113016)			
407001.42	3747854.69	0.09642	(12113016)	406992.83	
3747858.25	0.10370	(14120316)			
406984.24	3747861.81	0.11275	(14120316)	407060.65	
3747780.28	0.07895	(12121416)			
407060.64	3747770.29	0.07794	(12121416)	407060.63	
3747760.29	0.07332	(12121416)			
407060.62	3747750.29	0.06584	(16010616)	407060.61	
3747740.30	0.06168	(12122416)			
407060.60	3747730.30	0.06394	(12122416)	407060.59	
3747720.30	0.06392	(12122416)			
407060.58	3747710.31	0.06189	(16011916)	407060.57	
3747700.31	0.06811	(15122816)			
407060.56	3747690.31	0.07334	(15122816)	407061.89	
3747789.38	0.07596	(12121416)			
407058.13	3747798.48	0.07397	(12121416)	407054.37	
3747807.58	0.06879	(12121416)			
407050.61	3747816.68	0.06109	(12121416)	407046.84	
3747825.78	0.06012	(12121716)			
407043.08	3747834.88	0.06148	(13112016)	407030.23	
3747847.75	0.07249	(13112016)			
407021.13	3747851.52	0.07783	(13112016)	407002.94	
3747859.06	0.09196	(12113016)			
406993.84	3747862.83	0.09907	(14120316)	406984.75	
3747866.60	0.10764	(14120316)			
407065.65	3747780.28	0.07450	(12121416)	407065.64	
3747770.28	0.07298	(12121416)			
407065.63	3747760.29	0.06823	(12121416)	407065.62	
3747750.29	0.06185	(16010616)			
407065.61	3747740.29	0.05790	(12122416)	407065.60	
3747730.30	0.06002	(12122416)			
407065.59	3747720.30	0.06010	(12122416)	407065.58	
3747710.30	0.05819	(12122416)			
407065.57	3747700.31	0.06288	(15122816)	407065.56	
3747690.31	0.06824	(15122816)			
407067.18	3747788.68	0.07221	(12121416)	407063.70	

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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15:28:23

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407050.05	3747842.20	0.05532	(13112016)	407037.55	
3747854.71	0.06490	(13112016)			
407028.71	3747858.38	0.06973	(13112016)	407019.87	
3747862.04	0.07618	(12113016)			
407011.02	3747865.71	0.08196	(12113016)	406993.34	
3747873.04	0.09293	(14120316)			
406984.49	3747876.70	0.09898	(14120316)	407075.65	
3747780.27	0.06639	(12121416)			
407075.64	3747770.27	0.06415	(12121416)	407075.63	
3747760.28	0.05934	(12121416)			
407075.62	3747750.28	0.05486	(16010616)	407075.61	
3747740.28	0.05132	(12122416)			
407075.60	3747730.29	0.05320	(12122416)	407075.59	
3747720.29	0.05342	(12122416)			
407075.58	3747710.29	0.05201	(12122416)	407075.57	
3747700.30	0.05377	(15122816)			

407075.56	3747690.30	0.05918	(15122816)	406975.56
3747685.40	0.18950	(15122816)		
406965.57	3747685.40	0.19560	(13121016)	406955.59
3747685.40	0.21449	(12122016)		
406945.60	3747685.40	0.23459	(12122016)	406935.61
3747685.40	0.23945	(12122016)		
406925.63	3747685.40	0.22443	(12122016)	406915.64
3747685.40	0.20502	(16120216)		
406905.65	3747685.40	0.20793	(13112916)	406895.67
3747685.40	0.21492	(13112916)		
406885.68	3747685.40	0.20974	(13112916)	406975.56
3747680.40	0.16334	(15122816)		
406965.57	3747680.40	0.17679	(13121016)	406955.59
3747680.40	0.19264	(12122016)		
406945.60	3747680.40	0.20712	(12122016)	406935.61
3747680.40	0.20872	(12122016)		
406925.63	3747680.40	0.19437	(12122016)	406915.64
3747680.40	0.18435	(16120216)		
406905.65	3747680.40	0.17020	(13112916)	406895.67
3747680.40	0.18229	(13112916)		
406885.68	3747680.40	0.18369	(13112916)	406980.86
3747677.59	0.15035	(15122816)		
406988.36	3747685.09	0.17624	(15122816)	406975.56
3747675.40	0.14946	(13121016)		
406965.57	3747675.40	0.15909	(13121016)	406955.59
3747675.40	0.17348	(12122016)		
406945.60	3747675.40	0.18372	(12122016)	406935.61
3747675.40	0.18306	(12122016)		
406925.63	3747675.40	0.17023	(16120216)	406915.64
3747675.40	0.16628	(16120216)		
406905.65	3747675.40	0.15099	(16120216)	406895.67
3747675.40	0.15318	(13112916)		
406885.68	3747675.40	0.15928	(13112916)	406982.63
3747673.33	0.13523	(13121016)		
406992.63	3747683.32	0.16490	(15122816)	406975.56
3747670.40	0.13717	(13121016)		
406965.57	3747670.40	0.14292	(12122016)	406955.59
3747670.40	0.15667	(12122016)		
406945.60	3747670.40	0.16372	(12122016)	406935.61
3747670.40	0.16150	(12122016)		
406925.63	3747670.40	0.15285	(16120216)	406915.64
3747670.40	0.15049	(16120216)		
406905.65	3747670.40	0.13842	(16120216)	406895.67
3747670.40	0.12773	(13112916)		
406885.68	3747670.40	0.13694	(13112916)	406984.39
3747669.06	0.12517	(13121016)		
406996.89	3747681.54	0.15451	(15122816)	406975.56
3747665.40	0.12539	(13121016)		
406965.57	3747665.40	0.13125	(12122016)	406955.59
3747665.40	0.14190	(12122016)		
406945.60	3747665.40	0.14653	(12122016)	406935.61
3747665.40	0.14329	(12122016)		
406925.63	3747665.40	0.13787	(16120216)	406915.64
3747665.40	0.13669	(16120216)		
406905.65	3747665.40	0.12717	(16120216)	406895.67
3747665.40	0.11167	(16120216)		
406885.68	3747665.40	0.11686	(13112916)	406982.63
3747663.33	0.11652	(13121016)		
406989.70	3747666.25	0.11449	(13121016)	406999.70
3747676.24	0.13723	(15122816)		
407002.63	3747683.31	0.15157	(15122816)	406975.56
3747660.40	0.11426	(13121016)		
406965.57	3747660.40	0.12069	(12122016)	406955.59
3747660.40	0.12888	(12122016)		

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3		IN		
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)				
406945.60	3747660.40	0.13170	(12122016)		406935.61	
3747660.40	0.12779	(12122016)				
406925.63	3747660.40	0.12489	(16120216)		406915.64	
3747660.40	0.12459	(16120216)				
406905.65	3747660.40	0.11709	(16120216)		406895.67	
3747660.40	0.10421	(16120216)				
406885.68	3747660.40	0.09911	(13112916)		406983.81	
3747658.81	0.10772	(13121016)				
406992.05	3747662.23	0.10646	(13121016)		407003.72	
3747673.88	0.12830	(15122816)				
407007.14	3747682.12	0.14276	(15122816)		406975.56	
3747655.40	0.10384	(13121016)				
406965.57	3747655.40	0.11112	(12122016)		406955.59	
3747655.40	0.11736	(12122016)				
406945.60	3747655.40	0.11881	(12122016)		406935.61	
3747655.40	0.11451	(12122016)				
406925.63	3747655.40	0.11360	(16120216)		406915.64	
3747655.40	0.11394	(16120216)				
406905.65	3747655.40	0.10805	(16120216)		406895.67	
3747655.40	0.09734	(16120216)				
406885.68	3747655.40	0.08553	(14121615)		406982.63	
3747653.33	0.09887	(13121016)				
406989.70	3747656.25	0.10016	(13121016)		406996.76	
3747659.18	0.09820	(13121016)				
407006.76	3747669.17	0.11564	(15122816)		407009.70	
3747676.23	0.12829	(15122816)				
407012.63	3747683.30	0.13686	(15122816)		406975.56	
3747650.40	0.09463	(12122016)				
406965.57	3747650.40	0.10247	(12122016)		406955.59	
3747650.40	0.10714	(12122016)				
406945.60	3747650.40	0.10757	(12122016)		406935.61	
3747650.40	0.10305	(12122016)				
406925.63	3747650.40	0.10374	(16120216)		406915.64	
3747650.40	0.10455	(16120216)				
406905.65	3747650.40	0.09994	(16120216)		406895.67	
3747650.40	0.09102	(16120216)				
406885.68	3747650.40	0.07927	(16120216)		406983.51	
3747648.69	0.09116	(13121016)				
406991.46	3747651.98	0.09328	(13121016)		406999.41	
3747655.27	0.09171	(13121016)				
407010.66	3747666.51	0.10821	(15122816)		407013.96	
3747674.46	0.12094	(15122816)				
407017.26	3747682.41	0.12889	(15122816)		406975.56	
3747645.40	0.08830	(12122016)				
406965.57	3747645.40	0.09463	(12122016)		406955.59	
3747645.40	0.09805	(12122016)				
406945.60	3747645.40	0.09771	(12122016)		406935.61	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15:28:23

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406945.60	3747635.40	0.08139	(12122016)	406935.61	
3747635.40	0.07688	(12122016)			
406925.63	3747635.40	0.08069	(16120216)	406915.64	
3747635.40	0.08224	(16120216)			
406905.65	3747635.40	0.08016	(16120216)	406895.67	
3747635.40	0.07497	(16120216)			
406885.68	3747635.40	0.06747	(16120216)	406984.04	
3747633.91	0.07090	(12122016)			
407001.00	3747640.93	0.07646	(13121016)	407009.48	
3747644.44	0.07509	(13121016)			
407021.48	3747656.43	0.08685	(15122816)	407025.00	
3747664.91	0.09791	(15122816)			

407028.52	3747673.38	0.10535	(15122816)	407032.04
3747681.86	0.10807	(15122816)		
406975.56	3747630.40	0.07206	(12122016)	406965.57
3747630.40	0.07526	(12122016)		
406955.59	3747630.40	0.07623	(12122016)	406945.60
3747630.40	0.07460	(12122016)		
406935.61	3747630.40	0.07021	(12122016)	406925.63
3747630.40	0.07468	(16120216)		
406915.64	3747630.40	0.07634	(16120216)	406905.65
3747630.40	0.07480	(16120216)		
406895.67	3747630.40	0.07046	(16120216)	406885.68
3747630.40	0.06398	(16120216)		
406984.75	3747629.20	0.06667	(12122016)	406993.94
3747633.01	0.06985	(13121016)		
407003.12	3747636.81	0.07185	(13121016)	407012.31
3747640.61	0.07071	(13121016)		
407025.31	3747653.60	0.08179	(15122816)	407029.12
3747662.78	0.09272	(15122816)		
407032.94	3747671.97	0.09978	(15122816)	407036.75
3747681.15	0.10173	(15122816)		
406975.56	3747625.40	0.06746	(12122016)	406965.57
3747625.40	0.06994	(12122016)		
406955.59	3747625.40	0.07041	(12122016)	406945.60
3747625.40	0.06856	(12122016)		
406935.61	3747625.40	0.06480	(16120216)	406925.63
3747625.40	0.06931	(16120216)		
406915.64	3747625.40	0.07104	(16120216)	406905.65
3747625.40	0.06993	(16120216)		
406895.67	3747625.40	0.06630	(16120216)	406885.68
3747625.40	0.06070	(16120216)		
406983.81	3747623.81	0.06300	(12122016)	406992.05
3747627.23	0.06370	(13121016)		
407000.30	3747630.64	0.06684	(13121016)	407008.54
3747634.05	0.06767	(13121016)		
407016.79	3747637.46	0.06626	(13121016)	407028.45
3747649.12	0.07510	(15122816)		
407031.88	3747657.36	0.08473	(15122816)	407035.30
3747665.60	0.09189	(15122816)		
407038.72	3747673.85	0.09565	(15122816)	407042.14
3747682.09	0.09545	(15122816)		
406975.56	3747620.40	0.06322	(12122016)	406965.57
3747620.40	0.06511	(12122016)		
406955.59	3747620.40	0.06517	(12122016)	406945.60
3747620.40	0.06317	(12122016)		
406935.61	3747620.40	0.06029	(16120216)	406925.63
3747620.40	0.06449	(16120216)		
406915.64	3747620.40	0.06625	(16120216)	406905.65
3747620.40	0.06549	(16120216)		
406895.67	3747620.40	0.06247	(16120216)	406885.68
3747620.40	0.05762	(16120216)		
406984.39	3747619.06	0.05937	(12122016)	406993.23
3747622.71	0.05932	(13121016)		
407002.06	3747626.37	0.06279	(13121016)	407010.90
3747630.03	0.06388	(13121016)		
407019.73	3747633.68	0.06263	(13121016)	407032.23
3747646.17	0.07089	(15122816)		
407035.90	3747655.00	0.08041	(15122816)	407039.56
3747663.83	0.08732	(15122816)		
407043.23	3747672.66	0.09063	(15122816)	407046.89
3747681.49	0.08979	(15122816)		
406975.56	3747615.40	0.05930	(12122016)	406965.57
3747615.40	0.06070	(12122016)		
406955.59	3747615.40	0.06043	(12122016)	406945.60
3747615.40	0.05835	(12122016)		
406935.61	3747615.40	0.05622	(16120216)	406925.63
3747615.40	0.06015	(16120216)		

406915.64 3747615.40 0.06191 (16120216) 406905.65
3747615.40 0.06144 (16120216)
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:28:23

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC (YYMMDDHH)		X-COORD (M)		Y-COORD (M)	
(M)		CONC		(YYMMDDHH)					
406895.67	3747615.40	0.05893	(16120216)			406885.68			
3747615.40	0.05472	(16120216)							
406983.64	3747613.74	0.05605	(12122016)			406991.71			
3747617.09	0.05524	(12122016)							
406999.79	3747620.43	0.05775	(13121016)			407007.87			
3747623.77	0.05993	(13121016)							
407015.95	3747627.12	0.06031	(13121016)			407024.02			
3747630.46	0.05894	(13121016)							
407035.45	3747641.88	0.06554	(15122816)			407038.80			
3747649.95	0.07396	(15122816)							
407042.15	3747658.02	0.08062	(15122816)			407045.51			
3747666.10	0.08480	(15122816)							
407048.86	3747674.17	0.08598	(15122816)			407052.21			
3747682.25	0.08395	(15122816)							
406975.56	3747610.40	0.05568	(12122016)			406965.57			
3747610.40	0.05666	(12122016)							
406955.59	3747610.40	0.05615	(12122016)			406945.60			
3747610.40	0.05401	(12122016)							
406935.61	3747610.40	0.05255	(16120216)			406925.63			
3747610.40	0.05623	(16120216)							
406915.64	3747610.40	0.05798	(16120216)			406905.65			
3747610.40	0.05774	(16120216)							
406895.67	3747610.40	0.05565	(16120216)			406885.68			
3747610.40	0.05201	(16120216)							
406984.14	3747608.95	0.05291	(12122016)			406992.72			
3747612.50	0.05227	(12122016)							
407001.31	3747616.06	0.05420	(13121016)			407009.89			
3747619.61	0.05660	(13121016)							
407018.47	3747623.16	0.05713	(13121016)			407027.05			
3747626.71	0.05587	(13121016)							
407039.19	3747638.84	0.06200	(15122816)			407042.76			
3747647.42	0.07031	(15122816)							
407046.32	3747656.00	0.07680	(15122816)			407049.88			
3747664.58	0.08069	(15122816)							
407053.44	3747673.16	0.08147	(15122816)			407057.00			
3747681.74	0.07894	(15122816)							
406975.56	3747605.40	0.05232	(12122016)			406965.57			
3747605.40	0.05297	(12122016)							
406955.59	3747605.40	0.05226	(12122016)			406945.60			
3747605.40	0.05011	(12122016)							
406935.61	3747605.40	0.04923	(16120216)			406925.63			
3747605.40	0.05267	(16120216)							
406915.64	3747605.40	0.05440	(16120216)			406905.65			


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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***      06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     ***      15:28:23
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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ  U*
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407067.08	3747681.92	0.06929	(15122816)	406975.56	
3747595.40	0.04634	(12122016)			
406965.57	3747595.40	0.04649	(12122016)	406955.59	
3747595.40	0.04551	(12122016)			
406945.60	3747595.40	0.04337	(12122016)	406935.61	
3747595.40	0.04346	(16120216)			
406925.63	3747595.40	0.04648	(16120216)	406915.64	
3747595.40	0.04814	(16120216)			

406905.65	3747595.40	0.04837	(16120216)	406895.67
3747595.40	0.04721	(16120216)		
406885.68	3747595.40	0.04484	(16120216)	406984.39
3747594.06	0.04471	(12122016)		
406993.23	3747597.71	0.04476	(12122016)	407002.06
3747601.37	0.04386	(12122016)		
407010.90	3747605.03	0.04679	(13121016)	407019.73
3747608.68	0.04858	(13121016)		
407028.57	3747612.34	0.04888	(13121016)	407037.40
3747616.00	0.04775	(13121016)		
407049.90	3747628.48	0.05190	(15122816)	407053.57
3747637.32	0.05907	(15122816)		
407057.23	3747646.15	0.06491	(15122816)	407060.90
3747654.98	0.06878	(15122816)		
407064.56	3747663.81	0.07023	(15122816)	407068.23
3747672.64	0.06901	(15122816)		
407071.89	3747681.47	0.06520	(15122816)	406975.56
3747590.40	0.04368	(12122016)		
406965.57	3747590.40	0.04363	(12122016)	406955.59
3747590.40	0.04256	(12122016)		
406945.60	3747590.40	0.04047	(12122016)	406935.61
3747590.40	0.04095	(16120216)		
406925.63	3747590.40	0.04378	(16120216)	406915.64
3747590.40	0.04540	(16120216)		
406905.65	3747590.40	0.04573	(16120216)	406895.67
3747590.40	0.04480	(16120216)		
406885.68	3747590.40	0.04275	(16120216)	406880.68
3747690.40	0.22681	(13112916)		
406880.68	3747700.40	0.26937	(13112916)	406880.68
3747710.39	0.29922	(13112916)		
406880.68	3747720.39	0.30566	(13112916)	406880.68
3747730.39	0.37045	(13121916)		
406880.68	3747740.38	0.39632	(13121916)	406880.68
3747750.38	0.36985	(13121916)		
406880.68	3747760.38	0.30335	(13121916)	406880.68
3747770.37	0.22064	(13121916)		
406880.68	3747780.37	0.19592	(15021709)	406875.68
3747690.40	0.21569	(13112916)		
406875.68	3747700.40	0.24931	(13112916)	406875.68
3747710.39	0.26978	(13112916)		
406875.68	3747720.39	0.27030	(13121916)	406875.68
3747730.39	0.33210	(13121916)		
406875.68	3747740.38	0.35665	(13121916)	406875.68
3747750.38	0.33689	(13121916)		
406875.68	3747760.38	0.28183	(13121916)	406875.68
3747770.37	0.21051	(13121916)		
406875.68	3747780.37	0.18108	(15021709)	406872.88
3747685.10	0.19092	(13112916)		
406880.38	3747677.60	0.16872	(13112916)	406870.68
3747690.40	0.20389	(13112916)		
406870.68	3747700.40	0.22983	(13112916)	406870.68
3747710.39	0.24278	(13112916)		
406870.68	3747720.39	0.24428	(13121916)	406870.68
3747730.39	0.29869	(13121916)		
406870.68	3747740.38	0.32185	(13121916)	406870.68
3747750.38	0.30739	(13121916)		
406870.68	3747760.38	0.26186	(13121916)	406870.68
3747770.37	0.20044	(13121916)		
406870.68	3747780.37	0.16635	(15021709)	406868.61
3747683.33	0.17821	(13112916)		
406878.61	3747673.33	0.15066	(13112916)	406865.68
3747690.40	0.19180	(13112916)		
406865.68	3747700.40	0.21125	(13112916)	406865.68
3747710.39	0.21829	(13112916)		
406865.68	3747720.39	0.22160	(13121916)	406865.68
3747730.39	0.26968	(13121916)		

406865.68	3747740.38	0.29141	(13121916)	406865.68
3747750.38	0.28111	(13121916)		
406865.68	3747760.38	0.24347	(13121916)	406865.68
3747770.37	0.19061	(13121916)		
406865.68	3747780.37	0.15202	(15021709)	406864.34
3747681.56	0.16661	(13112916)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406876.84	3747669.06	0.13460	(13112916)	406860.68	
3747690.40	0.17972	(13112916)			
406860.68	3747700.40	0.19377	(13112916)	406860.68	
3747710.39	0.19622	(13112916)			
406860.68	3747720.39	0.20182	(13121916)	406860.68	
3747730.39	0.24447	(13121916)			
406860.68	3747740.38	0.26479	(13121916)	406860.68	
3747750.38	0.25772	(13121916)			
406860.68	3747760.38	0.22661	(13121916)	406860.68	
3747770.37	0.18110	(13121916)			
406860.68	3747780.37	0.13834	(15021709)	406858.61	
3747683.33	0.16152	(13112916)			
406861.54	3747676.26	0.14924	(13112916)	406871.54	
3747666.26	0.12556	(13112916)			
406878.61	3747663.33	0.11416	(13112916)	406855.68	
3747690.40	0.16788	(13112916)			
406855.68	3747700.40	0.17748	(13112916)	406855.68	
3747710.39	0.17643	(13112916)			
406855.68	3747720.39	0.18452	(13121916)	406855.68	
3747730.39	0.22250	(13121916)			
406855.68	3747740.38	0.24146	(13121916)	406855.68	
3747750.38	0.23691	(13121916)			
406855.68	3747760.38	0.21119	(13121916)	406855.68	
3747770.37	0.17197	(13121916)			
406855.68	3747780.37	0.12861	(13121916)	406854.10	
3747682.15	0.15163	(13112916)			
406857.51	3747673.90	0.13942	(13112916)	406869.18	
3747662.23	0.11374	(13112916)			
406877.43	3747658.82	0.10061	(13112916)	406850.68	
3747690.40	0.15643	(13112916)			
406850.68	3747700.40	0.16241	(13112916)	406850.68	
3747710.39	0.15875	(13112916)			
406850.68	3747720.39	0.16934	(13121916)	406850.68	
3747730.39	0.20329	(13121916)			
406850.68	3747740.38	0.22095	(13121916)	406850.68	
3747750.38	0.21836	(13121916)			
406850.68	3747760.38	0.19709	(13121916)	406850.68	
3747770.37	0.16327	(13121916)			
406850.68	3747780.37	0.12474	(13121916)	406848.61	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15.28.23

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406835.68	3747720.39	0.13359	(13121916)	406835.68	
3747730.39	0.15839	(13121916)			
406835.68	3747740.38	0.17267	(13121916)	406835.68	
3747750.38	0.17365	(13121916)			

406835.68	3747760.38	0.16165	(13121916)	406835.68
3747770.37	0.13981	(13121916)		
406835.68	3747780.37	0.11276	(13121916)	406833.90
3747682.62	0.11925	(13112916)		
406837.12	3747674.84	0.11753	(13112916)	406840.35
3747667.07	0.11144	(13112916)		
406843.57	3747659.29	0.10178	(13112916)	406854.57
3747648.29	0.08370	(13112916)		
406862.35	3747645.07	0.07516	(13112916)	406870.12
3747641.84	0.06517	(14121615)		
406877.90	3747638.62	0.06240	(16120216)	406830.68
3747690.40	0.11620	(13112916)		
406830.68	3747700.40	0.11370	(13112916)	406830.68
3747710.39	0.10528	(13112916)		
406830.68	3747720.39	0.12419	(13121916)	406830.68
3747730.39	0.14670	(13121916)		
406830.68	3747740.38	0.16001	(13121916)	406830.68
3747750.38	0.16167	(13121916)		
406830.68	3747760.38	0.15178	(13121916)	406830.68
3747770.37	0.13286	(13121916)		
406830.68	3747780.37	0.10879	(13121916)	406829.19
3747681.91	0.11184	(13112916)		
406832.71	3747673.43	0.11095	(13112916)	406836.22
3747664.94	0.10526	(13112916)		
406839.74	3747656.46	0.09573	(13112916)	406851.74
3747644.46	0.07731	(13112916)		
406860.22	3747640.94	0.06839	(13112916)	406877.19
3747633.91	0.05919	(16120216)		
406825.68	3747690.40	0.10768	(13112916)	406825.68
3747700.40	0.10409	(13112916)		
406825.68	3747710.39	0.09536	(13112916)	406825.68
3747720.39	0.11577	(13121916)		
406825.68	3747730.39	0.13626	(13121916)	406825.68
3747740.38	0.14869	(13121916)		
406825.68	3747750.38	0.15086	(13121916)	406825.68
3747760.38	0.14273	(13121916)		
406825.68	3747770.37	0.12632	(13121916)	406825.68
3747780.37	0.10489	(13121916)		
406824.49	3747681.21	0.10497	(13112916)	406828.30
3747672.02	0.10485	(13112916)		
406832.10	3747662.82	0.09960	(13112916)	406835.91
3747653.63	0.09021	(13112916)		
406848.91	3747640.63	0.07155	(13112916)	406858.10
3747636.82	0.06236	(13112916)		
406867.30	3747633.02	0.05500	(14121615)	406876.49
3747629.21	0.05622	(16120216)		
406820.68	3747690.40	0.09975	(13112916)	406820.68
3747700.40	0.09536	(13112916)		
406820.68	3747710.39	0.08651	(13112916)	406820.68
3747720.39	0.10820	(13121916)		
406820.68	3747730.39	0.12691	(13121916)	406820.68
3747740.38	0.13852	(13121916)		
406820.68	3747750.38	0.14108	(13121916)	406820.68
3747760.38	0.13443	(13121916)		
406820.68	3747770.37	0.12018	(13121916)	406820.68
3747780.37	0.10108	(13121916)		
406819.10	3747682.15	0.09791	(13112916)	406822.51
3747673.90	0.09960	(13112916)		
406825.93	3747665.65	0.09742	(13112916)	406829.35
3747657.40	0.09174	(13112916)		
406832.77	3747649.15	0.08331	(13112916)	406844.43
3747637.49	0.06769	(13112916)		
406852.68	3747634.07	0.06035	(13112916)	406860.93
3747630.65	0.05315	(14121615)		
406869.18	3747627.23	0.04955	(16120216)	406877.43
3747623.82	0.05427	(16120216)		

406815.68	3747690.40	0.09241	(13112916)	406815.68
3747700.40	0.08744	(13112916)		
406815.68	3747710.39	0.08081	(13121916)	406815.68
3747720.39	0.10136	(13121916)		
406815.68	3747730.39	0.11850	(13121916)	406815.68
3747740.38	0.12937	(13121916)		
406815.68	3747750.38	0.13221	(13121916)	406815.68
3747760.38	0.12679	(13121916)		
406815.68	3747770.37	0.11440	(13121916)	406815.68
3747780.37	0.09737	(13121916)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406814.34	3747681.56	0.09182	(13112916)	406818.00	
3747672.72	0.09414	(13112916)			
406821.66	3747663.88	0.09241	(13112916)	406825.32	
3747655.04	0.08701	(13112916)			
406828.99	3747646.21	0.07872	(13112916)	406841.49	
3747633.71	0.06302	(13112916)			
406850.32	3747630.04	0.05553	(13112916)	406859.16	
3747626.38	0.04930	(14121615)			
406868.00	3747622.72	0.04709	(16120216)	406876.84	
3747619.06	0.05163	(16120216)			
406810.68	3747690.40	0.08562	(13112916)	406810.68	
3747700.40	0.08024	(13112916)			
406810.68	3747710.39	0.07636	(13121916)	406810.68	
3747720.39	0.09517	(13121916)			
406810.68	3747730.39	0.11091	(13121916)	406810.68	
3747740.38	0.12109	(13121916)			
406810.68	3747750.38	0.12413	(13121916)	406810.68	
3747760.38	0.11975	(13121916)			
406810.68	3747770.37	0.10898	(13121916)	406810.68	
3747780.37	0.09378	(13121916)			
406809.03	3747682.32	0.08542	(13112916)	406812.37	
3747674.24	0.08866	(13112916)			
406815.72	3747666.16	0.08884	(13112916)	406819.07	
3747658.08	0.08602	(13112916)			
406822.42	3747649.99	0.08059	(13112916)	406825.76	
3747641.91	0.07314	(13112916)			
406837.19	3747630.48	0.05970	(13112916)	406845.27	
3747627.14	0.05353	(13112916)			
406853.36	3747623.79	0.04744	(14121615)	406861.44	
3747620.44	0.04390	(14121615)			
406869.52	3747617.09	0.04619	(16120216)	406877.60	
3747613.75	0.04968	(16120216)			
406805.68	3747690.40	0.07934	(13112916)	406805.68	
3747700.40	0.07371	(13112916)			
406805.68	3747710.39	0.07228	(13121916)	406805.68	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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406795.68	3747740.38	0.10053	(13121916)	406795.68
3747750.38	0.10384	(13121916)		
406795.68	3747760.38	0.10168	(13121916)	406795.68
3747770.37	0.09459	(13121916)		
406795.68	3747780.37	0.08374	(13121916)	406794.16
3747682.00	0.06977	(13112916)		
406797.64	3747673.61	0.07421	(13112916)	406801.11
3747665.21	0.07624	(13112916)		
406804.59	3747656.81	0.07575	(13112916)	406808.07
3747648.42	0.07287	(13112916)		
406811.55	3747640.02	0.06792	(13112916)	406815.03
3747631.62	0.06142	(13112916)		
406826.90	3747619.75	0.04981	(13112916)	406835.30
3747616.27	0.04452	(13112916)		
406843.70	3747612.79	0.03994	(14121615)	406852.09
3747609.31	0.03702	(14121615)		
406860.49	3747605.83	0.03767	(16120216)	406868.89
3747602.36	0.04096	(16120216)		
406877.28	3747598.88	0.04340	(16120216)	406790.68
3747690.40	0.06330	(13112916)		
406790.68	3747700.40	0.05747	(13112916)	406790.68
3747710.39	0.06186	(13121916)		
406790.68	3747720.39	0.07540	(13121916)	406790.68
3747730.39	0.08690	(13121916)		
406790.68	3747740.38	0.09483	(13121916)	406790.68
3747750.38	0.09816	(13121916)		
406790.68	3747760.38	0.09653	(13121916)	406790.68
3747770.37	0.09036	(13121916)		
406790.68	3747780.37	0.08064	(13121916)	406789.34
3747681.56	0.06546	(13112916)		
406793.00	3747672.72	0.07018	(13112916)	406796.66
3747663.88	0.07251	(13112916)		
406800.32	3747655.04	0.07228	(13112916)	406803.99
3747646.21	0.06959	(13112916)		
406807.65	3747637.37	0.06479	(13112916)	406811.31
3747628.53	0.05840	(13112916)		
406823.81	3747616.03	0.04686	(13112916)	406832.65
3747612.37	0.04157	(13112916)		
406841.49	3747608.71	0.03755	(14121615)	406850.32
3747605.04	0.03458	(14121615)		
406868.00	3747597.72	0.03915	(16120216)	406876.84
3747594.06	0.04145	(16120216)		
406785.68	3747690.40	0.05877	(13112916)	406785.68
3747700.40	0.05301	(13112916)		
406785.68	3747710.39	0.05890	(13121916)	406785.68
3747720.39	0.07144	(13121916)		
406785.68	3747730.39	0.08213	(13121916)	406785.68
3747740.38	0.08961	(13121916)		
406785.68	3747750.38	0.09293	(13121916)	406785.68
3747760.38	0.09175	(13121916)		
406785.68	3747770.37	0.08638	(13121916)	406785.68
3747780.37	0.07768	(13121916)		
406885.68	3747785.37	0.19304	(15021709)	406895.68
3747785.37	0.21019	(15021709)		
406905.67	3747785.37	0.25887	(14120316)	406915.67
3747785.37	0.36567	(14120316)		
406925.67	3747785.37	0.45215	(14120316)	406935.66
3747785.37	0.49395	(14120316)		
406945.66	3747785.37	0.48236	(14120316)	406955.66
3747785.37	0.42595	(14120316)		
406965.65	3747785.37	0.34405	(14120316)	406975.65
3747785.37	0.25685	(14120316)		
406885.68	3747790.37	0.17565	(15021709)	406895.68
3747790.37	0.19515	(14021809)		
406905.67	3747790.37	0.23054	(14120316)	406915.67
3747790.37	0.32222	(14120316)		

406925.67	3747790.37	0.39780	(14120316)	406935.66
3747790.37	0.43741	(14120316)		
406945.66	3747790.37	0.43292	(14120316)	406955.66
3747790.37	0.38970	(14120316)		
406965.65	3747790.37	0.32234	(14120316)	406975.65
3747790.37	0.24731	(14120316)		
406880.38	3747793.17	0.15957	(15021709)	406872.88
3747785.67	0.16338	(15021709)		
406885.68	3747795.37	0.15869	(15021709)	406895.68
3747795.37	0.18102	(14021809)		
406905.67	3747795.37	0.20619	(14120316)	406915.67
3747795.37	0.28541	(14120316)		
406925.67	3747795.37	0.35181	(14120316)	406935.66
3747795.37	0.38907	(14120316)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406945.66	3747795.37	0.38973	(14120316)	406955.66	
3747795.37	0.35693	(14120316)			
406965.65	3747795.37	0.30165	(14120316)	406975.65	
3747795.37	0.23725	(14120316)			
406878.61	3747797.44	0.14580	(15021709)	406868.61	
3747787.44	0.15058	(15021709)			
406885.68	3747800.37	0.14324	(14021809)	406895.68	
3747800.37	0.16777	(14021809)			
406905.67	3747800.37	0.18529	(14120316)	406915.67	
3747800.37	0.25417	(14120316)			
406925.67	3747800.37	0.31278	(14120316)	406935.66	
3747800.37	0.34764	(14120316)			
406945.66	3747800.37	0.35199	(14120316)	406955.66	
3747800.37	0.32739	(14120316)			
406965.65	3747800.37	0.28212	(14120316)	406975.65	
3747800.37	0.22695	(14120316)			
406876.84	3747801.71	0.13339	(15021709)	406864.34	
3747789.21	0.13900	(15021709)			
406885.68	3747805.37	0.13531	(14021809)	406895.68	
3747805.37	0.15543	(14021809)			
406905.67	3747805.37	0.16862	(14021809)	406915.67	
3747805.37	0.22755	(14120316)			
406925.67	3747805.37	0.27953	(14120316)	406935.66	
3747805.37	0.31202	(14120316)			
406945.66	3747805.37	0.31893	(14120316)	406955.66	
3747805.37	0.30081	(14120316)			
406965.65	3747805.37	0.26381	(14120316)	406975.65	
3747805.37	0.21662	(14120316)			
406878.61	3747807.44	0.12036	(15021709)	406871.54	
3747804.51	0.12295	(15021709)			
406861.54	3747794.51	0.12715	(15021709)	406858.61	

3747787.44	0.12872	(15021709)	
406885.68	3747810.37	0.12761	(14021809)
3747810.37	0.14400	(14021809)	
406905.67	3747810.37	0.15376	(14021809)
3747810.37	0.20474	(14120316)	
406925.67	3747810.37	0.25104	(14120316)
3747810.37	0.28124	(14120316)	
406945.66	3747810.37	0.28991	(14120316)
3747810.37	0.27689	(14120316)	
406965.65	3747810.37	0.24673	(14120316)
3747810.37	0.20642	(14120316)	
406877.43	3747811.95	0.10980	(14021809)
3747808.54	0.11337	(15021709)	
406857.51	3747796.87	0.11796	(15021709)
3747788.62	0.11862	(15021709)	
406885.68	3747815.37	0.12019	(14021809)
3747815.37	0.13346	(14021809)	
406905.67	3747815.37	0.14046	(14021809)
3747815.37	0.18509	(14120316)	
406925.67	3747815.37	0.22650	(14120316)
3747815.37	0.25453	(14120316)	
406945.66	3747815.37	0.26436	(14120316)
3747815.37	0.25535	(14120316)	
406965.65	3747815.37	0.23085	(14120316)
3747815.37	0.19646	(14120316)	
406878.61	3747817.44	0.10630	(14021809)
3747814.51	0.10301	(15021709)	
406864.47	3747811.58	0.10511	(15021709)
3747801.58	0.10879	(15021709)	
406851.54	3747794.51	0.11037	(15021709)
3747787.44	0.10824	(15021709)	
406885.68	3747820.37	0.11312	(14021809)
3747820.37	0.12375	(14021809)	
406905.67	3747820.37	0.12855	(14021809)
3747820.37	0.16805	(14120316)	
406925.67	3747820.37	0.20523	(14120316)
3747820.37	0.23124	(14120316)	
406945.66	3747820.37	0.24178	(14120316)
3747820.37	0.23593	(14120316)	
406965.65	3747820.37	0.21611	(14120316)
3747820.37	0.18681	(14120316)	
406877.73	3747822.07	0.10025	(14021809)
3747818.78	0.09476	(15021709)	
406861.82	3747815.48	0.09755	(15021709)
3747804.23	0.10145	(15021709)	
406847.27	3747796.28	0.10251	(15021709)
3747788.32	0.09941	(15021709)	
406885.68	3747825.37	0.10640	(14021809)
3747825.37	0.11482	(14021809)	

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M) (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406905.67	3747825.37	0.11786	(14021809)	406915.67	
3747825.37	0.15320	(14120316)			
406925.67	3747825.37	0.18671	(14120316)	406935.66	
3747825.37	0.21084	(14120316)			
406945.66	3747825.37	0.22177	(14120316)	406955.66	
3747825.37	0.21841	(14120316)			
406965.65	3747825.37	0.20246	(14120316)	406975.65	
3747825.37	0.17752	(14120316)			
406876.84	3747826.71	0.09460	(14021809)	406868.00	
3747823.05	0.08730	(15021709)			
406859.16	3747819.39	0.09072	(15021709)	406846.66	
3747806.89	0.09479	(15021709)			
406843.00	3747798.05	0.09536	(15021709)	406839.34	
3747789.21	0.09131	(15021709)			
406885.68	3747830.37	0.10005	(14021809)	406895.68	
3747830.37	0.10663	(14021809)			
406905.67	3747830.37	0.10826	(14021809)	406915.67	
3747830.37	0.14018	(14120316)			
406925.67	3747830.37	0.17049	(14120316)	406935.66	
3747830.37	0.19288	(14120316)			
406945.66	3747830.37	0.20397	(14120316)	406955.66	
3747830.37	0.20256	(14120316)			
406965.65	3747830.37	0.18983	(14120316)	406975.65	
3747830.37	0.16864	(14120316)			
406877.90	3747832.15	0.09071	(14021809)	406870.12	
3747828.93	0.08430	(14021809)			
406862.35	3747825.70	0.08270	(15021709)	406854.57	
3747822.48	0.08483	(15021709)			
406843.57	3747811.48	0.08820	(15021709)	406840.35	
3747803.70	0.08942	(15021709)			
406837.12	3747795.93	0.08747	(15021709)	406833.90	
3747788.15	0.09044	(13121916)			
406885.68	3747835.37	0.09407	(14021809)	406895.68	
3747835.37	0.09910	(14021809)			
406905.67	3747835.37	0.09963	(14021809)	406915.67	
3747835.37	0.12870	(14120316)			
406925.67	3747835.37	0.15622	(14120316)	406935.66	
3747835.37	0.17702	(14120316)			
406945.66	3747835.37	0.18809	(14120316)	406955.66	
3747835.37	0.18820	(14120316)			
406965.65	3747835.37	0.17814	(14120316)	406975.65	
3747835.37	0.16017	(14120316)			
406877.19	3747836.86	0.08573	(14021809)	406860.22	
3747829.83	0.07680	(15021709)			
406851.74	3747826.31	0.07931	(15021709)	406839.74	
3747814.31	0.08277	(15021709)			
406836.22	3747805.83	0.08368	(15021709)	406832.71	
3747797.34	0.08122	(15021709)			
406829.19	3747788.86	0.08681	(13121916)	406885.68	
3747840.37	0.08844	(14021809)			
406895.68	3747840.37	0.09220	(14021809)	406905.67	
3747840.37	0.09185	(14021809)			
406915.67	3747840.37	0.11855	(14120316)	406925.67	
3747840.37	0.14360	(14120316)			
406935.66	3747840.37	0.16293	(14120316)	406945.66	
3747840.37	0.17387	(14120316)			
406955.66	3747840.37	0.17518	(14120316)	406965.65	
3747840.37	0.16734	(14120316)			
406975.65	3747840.37	0.15213	(14120316)	406876.49	
3747841.56	0.08110	(14021809)			
406867.30	3747837.75	0.07544	(14021809)	406858.10	
3747833.95	0.07145	(15021709)			

406848.91	3747830.14	0.07429	(15021709)	406835.91
3747817.14	0.07782	(15021709)		
406832.10	3747807.95	0.07845	(15021709)	406828.30
3747798.75	0.07551	(15021709)		
406824.49	3747789.56	0.08339	(13121916)	406885.68
3747845.37	0.08315	(14021809)		
406895.68	3747845.37	0.08585	(14021809)	406905.67
3747845.37	0.08489	(14120316)		
406915.67	3747845.37	0.10951	(14120316)	406925.67
3747845.37	0.13240	(14120316)		
406935.66	3747845.37	0.15039	(14120316)	406945.66
3747845.37	0.16110	(14120316)		
406955.66	3747845.37	0.16334	(14120316)	406965.65
3747845.37	0.15734	(14120316)		
406975.65	3747845.37	0.14450	(14120316)	406877.43
3747846.95	0.07729	(14021809)		
406869.18	3747843.54	0.07364	(14021809)	406860.93
3747840.12	0.06765	(14021809)		


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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM IN			
		MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406852.68	3747836.70	0.06799	(15021709)	406844.43	
3747833.28	0.06992	(15021709)			
406832.77	3747821.62	0.07290	(15021709)	406829.35	
3747813.37	0.07395	(15021709)			
406825.93	3747805.12	0.07242	(15021709)	406822.51	
3747796.87	0.06830	(15021709)			
406819.10	3747788.62	0.08322	(13121916)	406885.68	
3747850.37	0.07820	(14021809)			
406895.68	3747850.37	0.08002	(14021809)	406905.67	
3747850.37	0.07903	(14120316)			
406915.67	3747850.37	0.10145	(14120316)	406925.67	
3747850.37	0.12241	(14120316)			
406935.66	3747850.37	0.13917	(14120316)	406945.66	
3747850.37	0.14960	(14120316)			
406955.66	3747850.37	0.15255	(14120316)	406965.65	
3747850.37	0.14808	(14120316)			
406975.65	3747850.37	0.13728	(14120316)	406876.84	
3747851.71	0.07316	(14021809)			
406868.00	3747848.05	0.06988	(14021809)	406859.16	
3747844.39	0.06412	(14021809)			
406850.32	3747840.73	0.06362	(15021709)	406841.49	
3747837.06	0.06577	(15021709)			
406828.99	3747824.56	0.06879	(15021709)	406825.32	
3747815.73	0.06964	(15021709)			
406821.66	3747806.89	0.06783	(15021709)	406818.00	
3747798.05	0.06440	(13121916)			
406814.34	3747789.21	0.08007	(13121916)	406885.68	

3747855.37	0.07357	(14021809)	
406895.68	3747855.37	0.07465	(14021809) 406905.67
3747855.37	0.07374	(14120316)	
406915.67	3747855.37	0.09421	(14120316) 406925.67
3747855.37	0.11346	(14120316)	
406935.66	3747855.37	0.12910	(14120316) 406945.66
3747855.37	0.13921	(14120316)	
406955.66	3747855.37	0.14270	(14120316) 406965.65
3747855.37	0.13950	(14120316)	
406975.65	3747855.37	0.13045	(14120316) 406877.60
3747857.02	0.06949	(14021809)	
406869.52	3747853.68	0.06751	(14021809) 406861.44
3747850.33	0.06351	(14021809)	
406853.36	3747846.98	0.05786	(14021809) 406845.27
3747843.63	0.06056	(15021709)	
406837.19	3747840.29	0.06209	(15021709) 406825.76
3747828.86	0.06470	(15021709)	
406822.42	3747820.78	0.06578	(15021709) 406819.07
3747812.69	0.06485	(15021709)	
406815.72	3747804.61	0.06186	(15021709) 406812.37
3747796.53	0.06616	(13121916)	
406809.03	3747788.45	0.07915	(13121916) 406885.68
3747860.37	0.06924	(14021809)	
406895.68	3747860.37	0.06971	(14021809) 406905.67
3747860.37	0.06894	(14120316)	
406915.67	3747860.37	0.08769	(14120316) 406925.67
3747860.37	0.10542	(14120316)	
406935.66	3747860.37	0.12002	(14120316) 406945.66
3747860.37	0.12979	(14120316)	
406955.66	3747860.37	0.13368	(14120316) 406965.65
3747860.37	0.13154	(14120316)	
406975.65	3747860.37	0.12400	(14120316) 406877.09
3747861.81	0.06583	(14021809)	
406868.51	3747858.26	0.06417	(14021809) 406859.92
3747854.70	0.06040	(14021809)	
406851.33	3747851.14	0.05490	(14021809) 406842.75
3747847.59	0.05695	(15021709)	
406834.16	3747844.03	0.05862	(15021709) 406822.02
3747831.89	0.06125	(15021709)	
406818.46	3747823.30	0.06219	(15021709) 406814.91
3747814.72	0.06107	(15021709)	
406811.35	3747806.13	0.05784	(15021709) 406807.79
3747797.54	0.06352	(13121916)	
406804.24	3747788.96	0.07624	(13121916) 406885.68
3747865.37	0.06519	(14021809)	
406895.68	3747865.37	0.06517	(14021809) 406905.67
3747865.37	0.06458	(14120316)	
406915.67	3747865.37	0.08180	(14120316) 406925.67
3747865.37	0.09817	(14120316)	
406935.66	3747865.37	0.11182	(14120316) 406945.66
3747865.37	0.12122	(14120316)	
406955.66	3747865.37	0.12541	(14120316) 406965.65
3747865.37	0.12414	(14120316)	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***      06/27/23
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

406975.65	3747865.37	0.11791	(14120316)	406876.59	
3747866.60	0.06241	(14021809)			
406867.50	3747862.84	0.06105	(14021809)	406858.41	
3747859.07	0.05752	(14021809)			
406840.22	3747851.54	0.05363	(15021709)	406831.13	
3747847.78	0.05542	(15021709)			
406818.27	3747834.92	0.05806	(15021709)	406814.51	
3747825.83	0.05888	(15021709)			
406810.74	3747816.74	0.05758	(15021709)	406806.98	
3747807.64	0.05415	(15021709)			
406803.21	3747798.55	0.06104	(13121916)	406799.45	
3747789.46	0.07348	(13121916)			
406885.68	3747870.37	0.06141	(14021809)	406895.68	
3747870.37	0.06098	(14021809)			
406905.67	3747870.37	0.06061	(14120316)	406915.67	
3747870.37	0.07647	(14120316)			
406925.67	3747870.37	0.09160	(14120316)	406935.66	
3747870.37	0.10438	(14120316)			
406945.66	3747870.37	0.11342	(14120316)	406955.66	
3747870.37	0.11781	(14120316)			
406965.65	3747870.37	0.11727	(14120316)	406975.65	
3747870.37	0.11216	(14120316)			
406877.28	3747871.89	0.05917	(14021809)	406868.89	
3747868.41	0.05863	(14021809)			
406860.49	3747864.94	0.05631	(14021809)	406852.09	
3747861.46	0.05243	(14021809)			
406843.70	3747857.98	0.04842	(15021709)	406835.30	
3747854.50	0.05123	(15021709)			
406826.90	3747851.02	0.05258	(15021709)	406815.03	
3747839.15	0.05489	(15021709)			
406811.55	3747830.75	0.05584	(15021709)	406808.07	
3747822.35	0.05516	(15021709)			
406804.59	3747813.96	0.05280	(15021709)	406801.11	
3747805.56	0.05060	(13121916)			
406797.64	3747797.16	0.06187	(13121916)	406794.16	
3747788.77	0.07221	(13121916)			
406885.68	3747875.37	0.05788	(14021809)	406895.68	
3747875.37	0.05712	(14021809)			
406905.67	3747875.37	0.05699	(14120316)	406915.67	
3747875.37	0.07161	(14120316)			
406925.67	3747875.37	0.08565	(14120316)	406935.66	
3747875.37	0.09762	(14120316)			
406945.66	3747875.37	0.10629	(14120316)	406955.66	
3747875.37	0.11082	(14120316)			
406965.65	3747875.37	0.11088	(14120316)	406975.65	
3747875.37	0.10674	(14120316)			
406876.84	3747876.71	0.05613	(14021809)	406868.00	
3747873.05	0.05584	(14021809)			
406859.16	3747869.39	0.05373	(14021809)	406850.32	
3747865.73	0.05000	(14021809)			
406841.49	3747862.06	0.04553	(15021709)	406832.65	
3747858.40	0.04844	(15021709)			
406823.81	3747854.74	0.04987	(15021709)	406811.31	
3747842.24	0.05217	(15021709)			
406807.65	3747833.40	0.05304	(15021709)	406803.99	
3747824.56	0.05224	(15021709)			
406800.32	3747815.73	0.04973	(15021709)	406796.66	
3747806.89	0.04852	(13121916)			

406793.00	3747798.05	0.05958	(13121916)	406789.34
3747789.21	0.06965	(13121916)		
406885.68	3747880.37	0.05459	(14021809)	406895.68
3747880.37	0.05356	(14021809)		
406905.67	3747880.37	0.05366	(14120316)	406915.67
3747880.37	0.06719	(14120316)		
406925.67	3747880.37	0.08022	(14120316)	406935.66
3747880.37	0.09145	(14120316)		
406945.66	3747880.37	0.09977	(14120316)	406955.66
3747880.37	0.10437	(14120316)		
406965.65	3747880.37	0.10494	(14120316)	406975.65
3747880.37	0.10163	(14120316)		
406885.68	3747780.37	0.21040	(15021709)	406975.65
3747780.37	0.26553	(14120316)		
406975.56	3747690.40	0.21701	(15122816)	406885.68
3747690.40	0.23675	(13112916)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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

NETWORK

GROUP ID	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL,

ZFLAG)				

ALL	1ST HIGHEST VALUE IS	0.01781 AT (	406935.66,	3747785.37,	29.00,
29.00,	0.00) DC				
	2ND HIGHEST VALUE IS	0.01737 AT (	406945.66,	3747785.37,	29.00,
29.00,	0.00) DC				
	3RD HIGHEST VALUE IS	0.01685 AT (	406925.67,	3747785.37,	29.00,
29.00,	0.00) DC				
	4TH HIGHEST VALUE IS	0.01582 AT (	406955.66,	3747785.37,	29.00,
29.00,	0.00) DC				
	5TH HIGHEST VALUE IS	0.01570 AT (	406980.62,	3747750.37,	29.00,
29.00,	0.00) DC				
	6TH HIGHEST VALUE IS	0.01555 AT (	406980.61,	3747740.38,	29.00,
29.00,	0.00) DC				
	7TH HIGHEST VALUE IS	0.01508 AT (	406935.66,	3747790.37,	29.00,
29.00,	0.00) DC				
	8TH HIGHEST VALUE IS	0.01489 AT (	406945.66,	3747790.37,	29.00,
29.00,	0.00) DC				
	9TH HIGHEST VALUE IS	0.01469 AT (	406980.63,	3747760.37,	29.00,
29.00,	0.00) DC				
	10TH HIGHEST VALUE IS	0.01459 AT (	406915.67,	3747785.37,	29.00,
29.00,	0.00) DC				

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

*** 15:28:23

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID	DATE	RECEPTOR	NETWORK
ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	(XR, YR,
ALL HIGH 1ST HIGH VALUE IS	0.49395 ON 14120316: AT (	406935.66,	3747785.37,
29.00, 29.00, 0.00) DC			

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:28:23

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*** MODELOPTs: NonDEFAULT CONC FLAT 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 2285 Informational Message(s)
A Total of 43848 Hours Were Processed
A Total of 1588 Calm Hours Identified
A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 1445 MEOPEN: THRESH 1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1445 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/27/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons 3ac\14635 Cons
3ac.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
  MODELOPT CONC FLAT
  AVERTIME 1 PERIOD
  URBANOPT 3010232 Orange_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "14635 Cons 3ac.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION VOL1      VOLUME      406930.700   3747735.370           0.0
** Source Parameters **
  SRCPARAM VOL1      0.0005968321    5.000    25.624    1.400
  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
  SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**

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**
RE STARTING
** BEGIN OF FENCELINE GRID RECEPTORS
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 100.00
** Tier 1: Tier Spacing = 5.00
** -----
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 100.00
** Tier 1: Tier Spacing = 5.00
** -----
DISCCART      406990.74      3747790.50
DISCCART      406990.74      3747781.32
DISCCART      406990.74      3747772.13
DISCCART      406990.74      3747762.94
DISCCART      406990.75      3747753.76
DISCCART      406990.75      3747744.57
DISCCART      406990.75      3747735.39
DISCCART      406990.75      3747726.20
DISCCART      406990.75      3747717.01
DISCCART      406990.75      3747707.83
DISCCART      406990.76      3747698.64
DISCCART      406990.76      3747689.46
DISCCART      406990.76      3747680.27
DISCCART      406995.74      3747790.50
DISCCART      406995.74      3747781.32
DISCCART      406995.74      3747772.13
DISCCART      406995.74      3747762.94
DISCCART      406995.75      3747753.76
DISCCART      406995.75      3747744.57
DISCCART      406995.75      3747735.39
DISCCART      406995.75      3747726.20
DISCCART      406995.75      3747717.02
DISCCART      406995.75      3747707.83
DISCCART      406995.76      3747698.64
DISCCART      406995.76      3747689.46
DISCCART      406995.76      3747680.27
DISCCART      406998.54      3747795.81
DISCCART      406991.04      3747803.30
DISCCART      407000.74      3747790.50
DISCCART      407000.74      3747781.32
DISCCART      407000.74      3747772.13
DISCCART      407000.74      3747762.95
DISCCART      407000.75      3747753.76
DISCCART      407000.75      3747744.57
DISCCART      407000.75      3747735.39
DISCCART      407000.75      3747726.20
DISCCART      407000.75      3747717.02
DISCCART      407000.75      3747707.83
DISCCART      407000.76      3747698.64
DISCCART      407000.76      3747689.46
DISCCART      407000.76      3747680.27
DISCCART      407002.81      3747797.57
DISCCART      406992.81      3747807.57
DISCCART      407005.74      3747790.50
DISCCART      407005.74      3747781.32
DISCCART      407005.74      3747772.13
DISCCART      407005.74      3747762.95
DISCCART      407005.75      3747753.76
DISCCART      407005.75      3747744.57
DISCCART      407005.75      3747735.39
DISCCART      407005.75      3747726.20

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DISCCART	407005.75	3747717.02
DISCCART	407005.75	3747707.83
DISCCART	407005.76	3747698.65
DISCCART	407005.76	3747689.46
DISCCART	407005.76	3747680.27
DISCCART	407008.30	3747796.40
DISCCART	407005.86	3747802.29
DISCCART	406997.52	3747810.62
DISCCART	406991.63	3747813.06
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DISCCART	407010.74	3747762.95
DISCCART	407010.75	3747753.76
DISCCART	407010.75	3747744.58
DISCCART	407010.75	3747735.39
DISCCART	407010.75	3747726.20
DISCCART	407010.75	3747717.02
DISCCART	407010.75	3747707.83
DISCCART	407010.76	3747698.65
DISCCART	407010.76	3747689.46
DISCCART	407010.76	3747680.27
DISCCART	407012.81	3747797.58
DISCCART	407009.88	3747804.65
DISCCART	406999.88	3747814.64
DISCCART	406992.81	3747817.57
DISCCART	407015.74	3747790.51
DISCCART	407015.74	3747781.32
DISCCART	407015.74	3747772.13
DISCCART	407015.74	3747762.95
DISCCART	407015.75	3747753.76
DISCCART	407015.75	3747744.58
DISCCART	407015.75	3747735.39
DISCCART	407015.75	3747726.20
DISCCART	407015.75	3747717.02
DISCCART	407015.75	3747707.83
DISCCART	407015.76	3747698.65
DISCCART	407015.76	3747689.46
DISCCART	407015.76	3747680.28
DISCCART	407017.32	3747798.75
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DISCCART	407002.24	3747818.67
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DISCCART	407020.74	3747790.51
DISCCART	407020.74	3747781.32
DISCCART	407020.74	3747772.13
DISCCART	407020.74	3747762.95
DISCCART	407020.75	3747753.76
DISCCART	407020.75	3747744.58
DISCCART	407020.75	3747735.39
DISCCART	407020.75	3747726.21
DISCCART	407020.75	3747717.02
DISCCART	407020.75	3747707.83
DISCCART	407020.76	3747698.65
DISCCART	407020.76	3747689.46
DISCCART	407020.76	3747680.28
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DISCCART	407006.95	3747821.72
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DISCCART	407025.74	3747781.32
DISCCART	407025.74	3747772.14
DISCCART	407025.74	3747762.95

DISCCART	407025.75	3747753.76
DISCCART	407025.75	3747744.58
DISCCART	407025.75	3747735.39
DISCCART	407025.75	3747726.21
DISCCART	407025.75	3747717.02
DISCCART	407025.75	3747707.83
DISCCART	407025.76	3747698.65
DISCCART	407025.76	3747689.46
DISCCART	407025.76	3747680.28
DISCCART	407027.44	3747798.46
DISCCART	407024.15	3747806.42
DISCCART	407020.85	3747814.37
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DISCCART	406993.69	3747832.21
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DISCCART	407030.74	3747772.14
DISCCART	407030.74	3747762.95
DISCCART	407030.75	3747753.76
DISCCART	407030.75	3747744.58
DISCCART	407030.75	3747735.39
DISCCART	407030.75	3747726.21
DISCCART	407030.75	3747717.02
DISCCART	407030.75	3747707.84
DISCCART	407030.76	3747698.65
DISCCART	407030.76	3747689.46
DISCCART	407030.76	3747680.28
DISCCART	407032.81	3747797.58
DISCCART	407029.88	3747804.65
DISCCART	407026.95	3747811.72
DISCCART	407024.02	3747818.79
DISCCART	407014.02	3747828.79
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DISCCART	406999.88	3747834.64
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DISCCART	407035.75	3747753.77
DISCCART	407035.75	3747744.58
DISCCART	407035.75	3747735.39
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DISCCART	407035.75	3747717.02
DISCCART	407035.75	3747707.84
DISCCART	407035.76	3747698.65
DISCCART	407035.76	3747689.46
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DISCCART	407031.07	3747813.84
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DISCCART	407040.75	3747753.77
DISCCART	407040.75	3747744.58
DISCCART	407040.75	3747735.39
DISCCART	407040.75	3747726.21
DISCCART	407040.75	3747717.02
DISCCART	407040.75	3747707.84

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DISCCART	407045.75	3747744.58
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DISCCART	407045.75	3747717.02
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DISCCART	407050.75	3747744.58
DISCCART	407050.75	3747735.40
DISCCART	407050.75	3747726.21
DISCCART	407050.75	3747717.03
DISCCART	407050.75	3747707.84
DISCCART	407050.76	3747698.65
DISCCART	407050.76	3747689.47
DISCCART	407050.76	3747680.28
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DISCCART	406993.99	3747857.08
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DISCCART	407055.75	3747753.77
DISCCART	407055.75	3747744.58
DISCCART	407055.75	3747735.40
DISCCART	407055.75	3747726.21
DISCCART	407055.75	3747717.03

DISCCART	407055.75	3747707.84
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DISCCART	407055.76	3747680.28
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DISCCART	407054.46	3747805.66
DISCCART	407051.32	3747813.24
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DISCCART	407045.05	3747828.39
DISCCART	407041.91	3747835.96
DISCCART	407031.19	3747846.68
DISCCART	407023.62	3747849.81
DISCCART	407016.04	3747852.95
DISCCART	407008.47	3747856.09
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DISCCART	407065.74	3747762.96
DISCCART	407065.75	3747753.77
DISCCART	407065.75	3747744.59
DISCCART	407065.75	3747735.40
DISCCART	407065.75	3747726.21
DISCCART	407065.75	3747717.03
DISCCART	407065.75	3747707.84
DISCCART	407065.76	3747698.66
DISCCART	407065.76	3747689.47
DISCCART	407065.76	3747680.28
DISCCART	407067.63	3747798.03
DISCCART	407064.51	3747805.54
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DISCCART	407058.29	3747820.56
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DISCCART	407052.06	3747835.59
DISCCART	407048.95	3747843.10
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DISCCART	407030.81	3747856.83
DISCCART	407023.30	3747859.94
DISCCART	407015.79	3747863.05
DISCCART	407008.28	3747866.17
DISCCART	407000.76	3747869.28

DISCCART	406993.25	3747872.39
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DISCCART	407070.74	3747781.33
DISCCART	407070.74	3747772.14
DISCCART	407070.74	3747762.96
DISCCART	407070.75	3747753.77
DISCCART	407070.75	3747744.59
DISCCART	407070.75	3747735.40
DISCCART	407070.75	3747726.21
DISCCART	407070.75	3747717.03
DISCCART	407070.75	3747707.84
DISCCART	407070.76	3747698.66
DISCCART	407070.76	3747689.47
DISCCART	407070.76	3747680.29
DISCCART	407072.44	3747798.47
DISCCART	407069.15	3747806.42
DISCCART	407065.85	3747814.38
DISCCART	407062.56	3747822.33
DISCCART	407059.26	3747830.28
DISCCART	407055.97	3747838.24
DISCCART	407052.67	3747846.19
DISCCART	407041.42	3747857.44
DISCCART	407033.47	3747860.73
DISCCART	407025.51	3747864.03
DISCCART	407017.56	3747867.32
DISCCART	407001.65	3747873.91
DISCCART	406993.69	3747877.21
DISCCART	407075.74	3747790.52
DISCCART	407075.74	3747781.33
DISCCART	407075.74	3747772.14
DISCCART	407075.74	3747762.96
DISCCART	407075.75	3747753.77
DISCCART	407075.75	3747744.59
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DISCCART	407075.75	3747726.22
DISCCART	407075.75	3747717.03
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DISCCART	407075.76	3747698.66
DISCCART	407075.76	3747689.47
DISCCART	407075.76	3747680.29
DISCCART	407077.26	3747798.91
DISCCART	407073.78	3747807.31
DISCCART	407070.30	3747815.70
DISCCART	407066.82	3747824.10
DISCCART	407063.35	3747832.49
DISCCART	407059.87	3747840.89
DISCCART	407056.39	3747849.29
DISCCART	407044.51	3747861.16
DISCCART	407036.12	3747864.64
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DISCCART	407080.74	3747772.15
DISCCART	407080.74	3747762.96
DISCCART	407080.75	3747753.77
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DISCCART	407080.75	3747717.03
DISCCART	407080.75	3747707.84
DISCCART	407080.76	3747698.66
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DISCCART	406870.25	3747667.47
DISCCART	406860.55	3747680.26
DISCCART	406860.55	3747689.45
DISCCART	406860.54	3747698.64
DISCCART	406860.54	3747707.82
DISCCART	406860.54	3747717.01
DISCCART	406860.53	3747726.19
DISCCART	406860.53	3747735.38
DISCCART	406860.53	3747744.57
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DISCCART	406845.54	3747717.00
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DISCCART	406800.53	3747744.54
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DISCCART	406921.44	3747825.50
DISCCART	406930.63	3747825.50
DISCCART	406939.81	3747825.50
DISCCART	406949.00	3747825.50
DISCCART	406958.18	3747825.50
DISCCART	406967.37	3747825.50
DISCCART	406976.55	3747825.50
DISCCART	406985.74	3747825.50
DISCCART	406868.44	3747827.57
DISCCART	406861.37	3747824.64
DISCCART	406854.29	3747821.71
DISCCART	406844.29	3747811.71
DISCCART	406841.37	3747804.63
DISCCART	406838.44	3747797.56
DISCCART	406875.51	3747830.50
DISCCART	406884.70	3747830.50
DISCCART	406893.88	3747830.50
DISCCART	406903.07	3747830.50
DISCCART	406912.25	3747830.50
DISCCART	406921.44	3747830.50
DISCCART	406930.63	3747830.50
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DISCCART	406967.37	3747830.50
DISCCART	406976.55	3747830.50
DISCCART	406985.74	3747830.50
DISCCART	406867.55	3747832.20
DISCCART	406859.60	3747828.91
DISCCART	406851.64	3747825.61
DISCCART	406840.39	3747814.36
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DISCCART	406833.80	3747798.44
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DISCCART	406893.88	3747835.50
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DISCCART	406976.55	3747835.50
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DISCCART	406868.44	3747837.57
DISCCART	406861.37	3747834.64
DISCCART	406854.29	3747831.71
DISCCART	406847.22	3747828.78
DISCCART	406837.22	3747818.78
DISCCART	406834.29	3747811.70
DISCCART	406831.37	3747804.63
DISCCART	406828.44	3747797.56
DISCCART	406875.51	3747840.50
DISCCART	406884.70	3747840.50
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DISCCART	406976.55	3747840.50
DISCCART	406985.74	3747840.50
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DISCCART	406868.44	3747847.57
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DISCCART	406830.15	3747825.85
DISCCART	406827.22	3747818.77
DISCCART	406824.29	3747811.70
DISCCART	406821.37	3747804.63
DISCCART	406818.44	3747797.55
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DISCCART	406903.07	3747850.50

DISCCART	406912.25	3747850.50
DISCCART	406921.44	3747850.50
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DISCCART	406958.18	3747850.50
DISCCART	406967.37	3747850.50
DISCCART	406976.55	3747850.50
DISCCART	406985.74	3747850.50
DISCCART	406867.85	3747852.33
DISCCART	406860.19	3747849.15
DISCCART	406852.52	3747845.98
DISCCART	406844.86	3747842.80
DISCCART	406837.20	3747839.63
DISCCART	406826.37	3747828.79
DISCCART	406823.20	3747821.13
DISCCART	406820.02	3747813.47
DISCCART	406816.85	3747805.80
DISCCART	406813.68	3747798.14
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DISCCART	406903.07	3747855.50
DISCCART	406912.25	3747855.50
DISCCART	406921.44	3747855.50
DISCCART	406930.63	3747855.50
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DISCCART	406949.00	3747855.50
DISCCART	406958.18	3747855.50
DISCCART	406967.37	3747855.50
DISCCART	406976.55	3747855.50
DISCCART	406985.74	3747855.50
DISCCART	406867.26	3747857.08
DISCCART	406859.01	3747853.66
DISCCART	406850.76	3747850.24
DISCCART	406842.51	3747846.83
DISCCART	406834.25	3747843.41
DISCCART	406822.59	3747831.74
DISCCART	406819.17	3747823.48
DISCCART	406815.76	3747815.23
DISCCART	406812.34	3747806.98
DISCCART	406808.93	3747798.73
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DISCCART	406893.88	3747860.50
DISCCART	406903.07	3747860.50
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DISCCART	406921.44	3747860.50
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DISCCART	406939.81	3747860.50
DISCCART	406949.00	3747860.50
DISCCART	406958.18	3747860.50
DISCCART	406967.37	3747860.50
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DISCCART	406860.35	3747859.22
DISCCART	406852.78	3747856.08
DISCCART	406845.20	3747852.94
DISCCART	406837.62	3747849.80
DISCCART	406830.04	3747846.66
DISCCART	406819.33	3747835.94
DISCCART	406816.19	3747828.37
DISCCART	406813.06	3747820.79
DISCCART	406809.92	3747813.21
DISCCART	406806.78	3747805.63

DISCCART	406803.65	3747798.05
DISCCART	406875.51	3747865.50
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DISCCART	406958.18	3747865.50
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DISCCART	406985.74	3747865.50
DISCCART	406867.43	3747867.15
DISCCART	406859.34	3747863.80
DISCCART	406851.26	3747860.45
DISCCART	406835.10	3747853.76
DISCCART	406827.01	3747850.41
DISCCART	406815.59	3747838.97
DISCCART	406812.24	3747830.89
DISCCART	406808.89	3747822.81
DISCCART	406805.55	3747814.72
DISCCART	406802.20	3747806.64
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DISCCART	406884.70	3747870.50
DISCCART	406893.88	3747870.50
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DISCCART	406930.63	3747870.50
DISCCART	406939.81	3747870.50
DISCCART	406949.00	3747870.50
DISCCART	406958.18	3747870.50
DISCCART	406967.37	3747870.50
DISCCART	406976.55	3747870.50
DISCCART	406985.74	3747870.50
DISCCART	406868.00	3747872.39
DISCCART	406860.48	3747869.27
DISCCART	406852.97	3747866.16
DISCCART	406845.45	3747863.05
DISCCART	406837.94	3747859.93
DISCCART	406830.42	3747856.82
DISCCART	406822.91	3747853.71
DISCCART	406812.28	3747843.08
DISCCART	406809.17	3747835.56
DISCCART	406806.06	3747828.05
DISCCART	406802.95	3747820.53
DISCCART	406799.84	3747813.02
DISCCART	406796.73	3747805.50
DISCCART	406793.62	3747797.98
DISCCART	406875.51	3747875.50
DISCCART	406884.70	3747875.50
DISCCART	406893.88	3747875.50
DISCCART	406903.07	3747875.50
DISCCART	406912.25	3747875.50
DISCCART	406921.44	3747875.50
DISCCART	406930.63	3747875.50
DISCCART	406939.81	3747875.50
DISCCART	406949.00	3747875.50
DISCCART	406958.18	3747875.50
DISCCART	406967.37	3747875.50
DISCCART	406976.55	3747875.50
DISCCART	406985.74	3747875.50
DISCCART	406867.55	3747877.20

DISCCART	406859.60	3747873.91
DISCCART	406843.68	3747867.31
DISCCART	406835.73	3747864.02
DISCCART	406827.77	3747860.72
DISCCART	406819.82	3747857.42
DISCCART	406808.57	3747846.17
DISCCART	406805.27	3747838.21
DISCCART	406801.98	3747830.26
DISCCART	406798.68	3747822.30
DISCCART	406795.39	3747814.34
DISCCART	406792.10	3747806.38
DISCCART	406788.80	3747798.42
DISCCART	406875.51	3747880.50
DISCCART	406884.70	3747880.50
DISCCART	406893.88	3747880.50
DISCCART	406903.07	3747880.50
DISCCART	406912.25	3747880.50
DISCCART	406921.44	3747880.50
DISCCART	406930.63	3747880.50
DISCCART	406939.81	3747880.50
DISCCART	406949.00	3747880.50
DISCCART	406958.18	3747880.50
DISCCART	406967.37	3747880.50
DISCCART	406976.55	3747880.50
DISCCART	406985.74	3747880.50
DISCCART	406867.11	3747882.02
DISCCART	406858.71	3747878.54
DISCCART	406850.31	3747875.06
DISCCART	406841.92	3747871.58
DISCCART	406833.52	3747868.10
DISCCART	406825.12	3747864.62
DISCCART	406816.72	3747861.14
DISCCART	406804.85	3747849.26
DISCCART	406801.37	3747840.86
DISCCART	406797.89	3747832.46
DISCCART	406794.42	3747824.06
DISCCART	406790.94	3747815.66
DISCCART	406787.46	3747807.26
DISCCART	406783.99	3747798.87
DISCCART	406875.51	3747885.50
DISCCART	406884.70	3747885.50
DISCCART	406893.88	3747885.50
DISCCART	406903.07	3747885.50
DISCCART	406912.25	3747885.50
DISCCART	406921.44	3747885.50
DISCCART	406930.63	3747885.50
DISCCART	406939.81	3747885.50
DISCCART	406949.00	3747885.50
DISCCART	406958.18	3747885.50
DISCCART	406967.37	3747885.50
DISCCART	406976.55	3747885.50
DISCCART	406985.74	3747885.50
DISCCART	406867.65	3747887.24
DISCCART	406859.79	3747883.99
DISCCART	406851.94	3747880.73
DISCCART	406844.08	3747877.48
DISCCART	406836.22	3747874.22
DISCCART	406828.36	3747870.97
DISCCART	406820.50	3747867.71
DISCCART	406812.64	3747864.45
DISCCART	406801.53	3747853.34
DISCCART	406798.28	3747845.48
DISCCART	406795.03	3747837.62
DISCCART	406791.77	3747829.76
DISCCART	406788.52	3747821.90
DISCCART	406785.27	3747814.04

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DISCCART      406782.02    3747806.18
DISCCART      406778.76    3747798.32
DISCCART      406875.51    3747890.50
DISCCART      406884.70    3747890.50
DISCCART      406893.88    3747890.50
DISCCART      406903.07    3747890.50
DISCCART      406912.25    3747890.50
DISCCART      406921.44    3747890.50
DISCCART      406930.63    3747890.50
DISCCART      406939.81    3747890.50
DISCCART      406949.00    3747890.50
DISCCART      406958.18    3747890.50
DISCCART      406967.37    3747890.50
DISCCART      406976.55    3747890.50
DISCCART      406985.74    3747890.50
** END OF FENCELINE GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART      406875.51    3747790.50
DISCCART      406985.74    3747790.50
DISCCART      406985.76    3747680.27
DISCCART      406875.55    3747680.27
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE KFUL_V9_ADJU\KFUL_v9.SFC
PROFFILE KFUL_V9_ADJU\KFUL_v9.PFL
SURFDATA 3166 2012
UAIRDATA 3190 2012
PROFBASE 29.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST "14635 CONS 3AC.AD\01H1GALL.PLT" 31
PLOTFILE PERIOD ALL "14635 CONS 3AC.AD\PE00GALL.PLT" 32
SUMMFILE "14635 Cons 3ac.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 1752 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1752 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:39:57

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

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

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

**This Run Includes: 1 Source(s); 1 Source Group(s); and 1654 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)

and: 1 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) = 29.00 ; Decay Coef. =
0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

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

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14635 Cons

3ac.err

**File for Summary of Results: 14635 Cons

3ac.sum

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

VOL1 0 0.59683E-03 406930.7 3747735.4 29.0 5.00 25.62 1.40
YES HRDOW

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

ALL VOL1 ,

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

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

3010232. VOL1

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GP\14635 Cons *** 06/27/23

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

SOURCE ID = VOL1		; SOURCE TYPE = VOLUME		:							
HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

(406990.7, 3747790.5,	29.0,	29.0,	0.0);	(406990.7,
3747781.3,	29.0,	29.0,	0.0);	
(406990.7, 3747772.1,	29.0,	29.0,	0.0);	(406990.7,
3747762.9,	29.0,	29.0,	0.0);	

(406990.8, 3747753.8,	29.0,	29.0,	0.0);	(406990.8,
3747744.6,	29.0,	29.0,	0.0);	
(406990.8, 3747735.4,	29.0,	29.0,	0.0);	(406990.8,
3747726.2,	29.0,	29.0,	0.0);	
(406990.8, 3747717.0,	29.0,	29.0,	0.0);	(406990.8,
3747707.8,	29.0,	29.0,	0.0);	
(406990.8, 3747698.6,	29.0,	29.0,	0.0);	(406990.8,
3747689.5,	29.0,	29.0,	0.0);	
(406990.8, 3747680.3,	29.0,	29.0,	0.0);	(406995.7,
3747790.5,	29.0,	29.0,	0.0);	
(406995.7, 3747781.3,	29.0,	29.0,	0.0);	(406995.7,
3747772.1,	29.0,	29.0,	0.0);	
(406995.7, 3747762.9,	29.0,	29.0,	0.0);	(406995.8,
3747753.8,	29.0,	29.0,	0.0);	
(406995.8, 3747744.6,	29.0,	29.0,	0.0);	(406995.8,
3747735.4,	29.0,	29.0,	0.0);	
(406995.8, 3747726.2,	29.0,	29.0,	0.0);	(406995.8,
3747717.0,	29.0,	29.0,	0.0);	
(406995.8, 3747707.8,	29.0,	29.0,	0.0);	(406995.8,
3747698.6,	29.0,	29.0,	0.0);	
(406995.8, 3747689.5,	29.0,	29.0,	0.0);	(406995.8,
3747680.3,	29.0,	29.0,	0.0);	
(406998.5, 3747795.8,	29.0,	29.0,	0.0);	(406991.0,
3747803.3,	29.0,	29.0,	0.0);	
(407000.7, 3747790.5,	29.0,	29.0,	0.0);	(407000.7,
3747781.3,	29.0,	29.0,	0.0);	
(407000.7, 3747772.1,	29.0,	29.0,	0.0);	(407000.7,
3747762.9,	29.0,	29.0,	0.0);	
(407000.8, 3747753.8,	29.0,	29.0,	0.0);	(407000.8,
3747744.6,	29.0,	29.0,	0.0);	
(407000.8, 3747735.4,	29.0,	29.0,	0.0);	(407000.8,
3747726.2,	29.0,	29.0,	0.0);	
(407000.8, 3747717.0,	29.0,	29.0,	0.0);	(407000.8,
3747707.8,	29.0,	29.0,	0.0);	
(407000.8, 3747698.6,	29.0,	29.0,	0.0);	(407000.8,
3747689.5,	29.0,	29.0,	0.0);	
(407000.8, 3747680.3,	29.0,	29.0,	0.0);	(407002.8,
3747797.6,	29.0,	29.0,	0.0);	
(406992.8, 3747807.6,	29.0,	29.0,	0.0);	(407005.7,
3747790.5,	29.0,	29.0,	0.0);	
(407005.7, 3747781.3,	29.0,	29.0,	0.0);	(407005.7,
3747772.1,	29.0,	29.0,	0.0);	
(407005.7, 3747762.9,	29.0,	29.0,	0.0);	(407005.8,
3747753.8,	29.0,	29.0,	0.0);	
(407005.8, 3747744.6,	29.0,	29.0,	0.0);	(407005.8,
3747735.4,	29.0,	29.0,	0.0);	
(407005.8, 3747726.2,	29.0,	29.0,	0.0);	(407005.8,
3747717.0,	29.0,	29.0,	0.0);	
(407005.8, 3747707.8,	29.0,	29.0,	0.0);	(407005.8,
3747698.6,	29.0,	29.0,	0.0);	
(407005.8, 3747689.5,	29.0,	29.0,	0.0);	(407005.8,
3747680.3,	29.0,	29.0,	0.0);	
(407008.3, 3747796.4,	29.0,	29.0,	0.0);	(407005.9,
3747802.3,	29.0,	29.0,	0.0);	
(406997.5, 3747810.6,	29.0,	29.0,	0.0);	(406991.6,
3747813.1,	29.0,	29.0,	0.0);	
(407010.7, 3747790.5,	29.0,	29.0,	0.0);	(407010.7,
3747781.3,	29.0,	29.0,	0.0);	
(407010.7, 3747772.1,	29.0,	29.0,	0.0);	(407010.7,
3747762.9,	29.0,	29.0,	0.0);	
(407010.8, 3747753.8,	29.0,	29.0,	0.0);	(407010.8,
3747744.6,	29.0,	29.0,	0.0);	
(407010.8, 3747735.4,	29.0,	29.0,	0.0);	(407010.8,
3747726.2,	29.0,	29.0,	0.0);	
(407010.8, 3747717.0,	29.0,	29.0,	0.0);	(407010.8,
3747707.8,	29.0,	29.0,	0.0);	

(407010.8, 3747698.6,	29.0,	29.0,	0.0);	(407010.8,
3747689.5,	29.0,	29.0,	0.0);	
(407010.8, 3747680.3,	29.0,	29.0,	0.0);	(407012.8,
3747797.6,	29.0,	29.0,	0.0);	
(407009.9, 3747804.6,	29.0,	29.0,	0.0);	(406999.9,
3747814.6,	29.0,	29.0,	0.0);	
(406992.8, 3747817.6,	29.0,	29.0,	0.0);	(407015.7,
3747790.5,	29.0,	29.0,	0.0);	
(407015.7, 3747781.3,	29.0,	29.0,	0.0);	(407015.7,
3747772.1,	29.0,	29.0,	0.0);	
(407015.7, 3747762.9,	29.0,	29.0,	0.0);	(407015.8,
3747753.8,	29.0,	29.0,	0.0);	
(407015.8, 3747744.6,	29.0,	29.0,	0.0);	(407015.8,
3747735.4,	29.0,	29.0,	0.0);	
(407015.8, 3747726.2,	29.0,	29.0,	0.0);	(407015.8,
3747717.0,	29.0,	29.0,	0.0);	
(407015.8, 3747707.8,	29.0,	29.0,	0.0);	(407015.8,
3747698.6,	29.0,	29.0,	0.0);	
(407015.8, 3747689.5,	29.0,	29.0,	0.0);	(407015.8,
3747680.3,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(407017.3, 3747798.8,	29.0,	29.0,	0.0);	(407013.9,
3747807.0,	29.0,	29.0,	0.0);	
(407002.2, 3747818.7,	29.0,	29.0,	0.0);	(406994.0,
3747822.1,	29.0,	29.0,	0.0);	
(407020.7, 3747790.5,	29.0,	29.0,	0.0);	(407020.7,
3747781.3,	29.0,	29.0,	0.0);	
(407020.7, 3747772.1,	29.0,	29.0,	0.0);	(407020.7,
3747762.9,	29.0,	29.0,	0.0);	
(407020.8, 3747753.8,	29.0,	29.0,	0.0);	(407020.8,
3747744.6,	29.0,	29.0,	0.0);	
(407020.8, 3747735.4,	29.0,	29.0,	0.0);	(407020.8,
3747726.2,	29.0,	29.0,	0.0);	
(407020.8, 3747717.0,	29.0,	29.0,	0.0);	(407020.8,
3747707.8,	29.0,	29.0,	0.0);	
(407020.8, 3747698.6,	29.0,	29.0,	0.0);	(407020.8,
3747689.5,	29.0,	29.0,	0.0);	
(407020.8, 3747680.3,	29.0,	29.0,	0.0);	(407022.8,
3747797.6,	29.0,	29.0,	0.0);	
(407019.9, 3747804.6,	29.0,	29.0,	0.0);	(407017.0,
3747811.7,	29.0,	29.0,	0.0);	
(407007.0, 3747821.7,	29.0,	29.0,	0.0);	(406999.9,
3747824.6,	29.0,	29.0,	0.0);	
(406992.8, 3747827.6,	29.0,	29.0,	0.0);	(407025.7,
3747790.5,	29.0,	29.0,	0.0);	
(407025.7, 3747781.3,	29.0,	29.0,	0.0);	(407025.7,
3747772.1,	29.0,	29.0,	0.0);	
(407025.7, 3747762.9,	29.0,	29.0,	0.0);	(407025.8,
3747753.8,	29.0,	29.0,	0.0);	
(407025.8, 3747744.6,	29.0,	29.0,	0.0);	(407025.8,
3747735.4,	29.0,	29.0,	0.0);	
(407025.8, 3747726.2,	29.0,	29.0,	0.0);	(407025.8,
3747717.0,	29.0,	29.0,	0.0);	
(407025.8, 3747707.8,	29.0,	29.0,	0.0);	(407025.8,
3747698.6,	29.0,	29.0,	0.0);	

(407025.8, 3747689.5,	29.0,	29.0,	0.0);	(407025.8,
3747680.3,	29.0,	29.0,	0.0);	
(407027.4, 3747798.5,	29.0,	29.0,	0.0);	(407024.1,
3747806.4,	29.0,	29.0,	0.0);	
(407020.8, 3747814.4,	29.0,	29.0,	0.0);	(407009.6,
3747825.6,	29.0,	29.0,	0.0);	
(407001.6, 3747828.9,	29.0,	29.0,	0.0);	(406993.7,
3747832.2,	29.0,	29.0,	0.0);	
(407030.7, 3747790.5,	29.0,	29.0,	0.0);	(407030.7,
3747781.3,	29.0,	29.0,	0.0);	
(407030.7, 3747772.1,	29.0,	29.0,	0.0);	(407030.7,
3747762.9,	29.0,	29.0,	0.0);	
(407030.8, 3747753.8,	29.0,	29.0,	0.0);	(407030.8,
3747744.6,	29.0,	29.0,	0.0);	
(407030.8, 3747735.4,	29.0,	29.0,	0.0);	(407030.8,
3747726.2,	29.0,	29.0,	0.0);	
(407030.8, 3747717.0,	29.0,	29.0,	0.0);	(407030.8,
3747707.8,	29.0,	29.0,	0.0);	
(407030.8, 3747698.6,	29.0,	29.0,	0.0);	(407030.8,
3747689.5,	29.0,	29.0,	0.0);	
(407030.8, 3747680.3,	29.0,	29.0,	0.0);	(407032.8,
3747797.6,	29.0,	29.0,	0.0);	
(407029.9, 3747804.6,	29.0,	29.0,	0.0);	(407027.0,
3747811.7,	29.0,	29.0,	0.0);	
(407024.0, 3747818.8,	29.0,	29.0,	0.0);	(407014.0,
3747828.8,	29.0,	29.0,	0.0);	
(407007.0, 3747831.7,	29.0,	29.0,	0.0);	(406999.9,
3747834.6,	29.0,	29.0,	0.0);	
(406992.8, 3747837.6,	29.0,	29.0,	0.0);	(407035.7,
3747790.5,	29.0,	29.0,	0.0);	
(407035.7, 3747781.3,	29.0,	29.0,	0.0);	(407035.7,
3747772.1,	29.0,	29.0,	0.0);	
(407035.7, 3747762.9,	29.0,	29.0,	0.0);	(407035.8,
3747753.8,	29.0,	29.0,	0.0);	
(407035.8, 3747744.6,	29.0,	29.0,	0.0);	(407035.8,
3747735.4,	29.0,	29.0,	0.0);	
(407035.8, 3747726.2,	29.0,	29.0,	0.0);	(407035.8,
3747717.0,	29.0,	29.0,	0.0);	
(407035.8, 3747707.8,	29.0,	29.0,	0.0);	(407035.8,
3747698.6,	29.0,	29.0,	0.0);	
(407035.8, 3747689.5,	29.0,	29.0,	0.0);	(407035.8,
3747680.3,	29.0,	29.0,	0.0);	
(407037.5, 3747798.3,	29.0,	29.0,	0.0);	(407034.3,
3747806.1,	29.0,	29.0,	0.0);	
(407031.1, 3747813.8,	29.0,	29.0,	0.0);	(407027.8,
3747821.6,	29.0,	29.0,	0.0);	
(407016.8, 3747832.6,	29.0,	29.0,	0.0);	(407009.1,
3747835.8,	29.0,	29.0,	0.0);	
(406993.5, 3747842.3,	29.0,	29.0,	0.0);	(407040.7,
3747790.5,	29.0,	29.0,	0.0);	
(407040.7, 3747781.3,	29.0,	29.0,	0.0);	(407040.7,
3747772.1,	29.0,	29.0,	0.0);	
(407040.7, 3747762.9,	29.0,	29.0,	0.0);	(407040.8,
3747753.8,	29.0,	29.0,	0.0);	
(407040.8, 3747744.6,	29.0,	29.0,	0.0);	(407040.8,
3747735.4,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(METERS)

(407040.8, 3747726.2,	29.0,	29.0,	0.0);	(407040.8,
3747717.0,	29.0,	29.0,	0.0);	
(407040.8, 3747707.8,	29.0,	29.0,	0.0);	(407040.8,
3747698.6,	29.0,	29.0,	0.0);	
(407040.8, 3747689.5,	29.0,	29.0,	0.0);	(407040.8,
3747680.3,	29.0,	29.0,	0.0);	
(407042.2, 3747799.0,	29.0,	29.0,	0.0);	(407038.7,
3747807.5,	29.0,	29.0,	0.0);	
(407035.2, 3747816.0,	29.0,	29.0,	0.0);	(407031.7,
3747824.4,	29.0,	29.0,	0.0);	
(407019.7, 3747836.4,	29.0,	29.0,	0.0);	(407011.2,
3747840.0,	29.0,	29.0,	0.0);	
(407002.7, 3747843.5,	29.0,	29.0,	0.0);	(406994.2,
3747847.0,	29.0,	29.0,	0.0);	
(407045.7, 3747790.5,	29.0,	29.0,	0.0);	(407045.7,
3747781.3,	29.0,	29.0,	0.0);	
(407045.7, 3747772.1,	29.0,	29.0,	0.0);	(407045.7,
3747762.9,	29.0,	29.0,	0.0);	
(407045.8, 3747753.8,	29.0,	29.0,	0.0);	(407045.8,
3747744.6,	29.0,	29.0,	0.0);	
(407045.8, 3747735.4,	29.0,	29.0,	0.0);	(407045.8,
3747726.2,	29.0,	29.0,	0.0);	
(407045.8, 3747717.0,	29.0,	29.0,	0.0);	(407045.8,
3747707.8,	29.0,	29.0,	0.0);	
(407045.8, 3747698.6,	29.0,	29.0,	0.0);	(407045.8,
3747689.5,	29.0,	29.0,	0.0);	
(407045.8, 3747680.3,	29.0,	29.0,	0.0);	(407047.6,
3747798.2,	29.0,	29.0,	0.0);	
(407044.4, 3747805.8,	29.0,	29.0,	0.0);	(407041.2,
3747813.5,	29.0,	29.0,	0.0);	
(407038.0, 3747821.1,	29.0,	29.0,	0.0);	(407034.9,
3747828.8,	29.0,	29.0,	0.0);	
(407024.0, 3747839.6,	29.0,	29.0,	0.0);	(407016.4,
3747842.8,	29.0,	29.0,	0.0);	
(407008.7, 3747846.0,	29.0,	29.0,	0.0);	(407001.1,
3747849.2,	29.0,	29.0,	0.0);	
(406993.4, 3747852.3,	29.0,	29.0,	0.0);	(407050.7,
3747790.5,	29.0,	29.0,	0.0);	
(407050.7, 3747781.3,	29.0,	29.0,	0.0);	(407050.7,
3747772.1,	29.0,	29.0,	0.0);	
(407050.7, 3747762.9,	29.0,	29.0,	0.0);	(407050.8,
3747753.8,	29.0,	29.0,	0.0);	
(407050.8, 3747744.6,	29.0,	29.0,	0.0);	(407050.8,
3747735.4,	29.0,	29.0,	0.0);	
(407050.8, 3747726.2,	29.0,	29.0,	0.0);	(407050.8,
3747717.0,	29.0,	29.0,	0.0);	
(407050.8, 3747707.8,	29.0,	29.0,	0.0);	(407050.8,
3747698.6,	29.0,	29.0,	0.0);	
(407050.8, 3747689.5,	29.0,	29.0,	0.0);	(407050.8,
3747680.3,	29.0,	29.0,	0.0);	
(407052.3, 3747798.8,	29.0,	29.0,	0.0);	(407048.9,
3747807.0,	29.0,	29.0,	0.0);	
(407045.5, 3747815.3,	29.0,	29.0,	0.0);	(407042.1,
3747823.5,	29.0,	29.0,	0.0);	
(407038.6, 3747831.8,	29.0,	29.0,	0.0);	(407027.0,
3747843.4,	29.0,	29.0,	0.0);	
(407018.7, 3747846.8,	29.0,	29.0,	0.0);	(407010.5,
3747850.2,	29.0,	29.0,	0.0);	
(407002.2, 3747853.7,	29.0,	29.0,	0.0);	(406994.0,
3747857.1,	29.0,	29.0,	0.0);	
(407055.7, 3747790.5,	29.0,	29.0,	0.0);	(407055.7,
3747781.3,	29.0,	29.0,	0.0);	
(407055.7, 3747772.1,	29.0,	29.0,	0.0);	(407055.7,
3747763.0,	29.0,	29.0,	0.0);	

(407055.8, 3747753.8,	29.0,	29.0,	0.0);	(407055.8,
3747744.6,	29.0,	29.0,	0.0);	
(407055.8, 3747735.4,	29.0,	29.0,	0.0);	(407055.8,
3747726.2,	29.0,	29.0,	0.0);	
(407055.8, 3747717.0,	29.0,	29.0,	0.0);	(407055.8,
3747707.8,	29.0,	29.0,	0.0);	
(407055.8, 3747698.6,	29.0,	29.0,	0.0);	(407055.8,
3747689.5,	29.0,	29.0,	0.0);	
(407055.8, 3747680.3,	29.0,	29.0,	0.0);	(407057.6,
3747798.1,	29.0,	29.0,	0.0);	
(407054.5, 3747805.7,	29.0,	29.0,	0.0);	(407051.3,
3747813.2,	29.0,	29.0,	0.0);	
(407048.2, 3747820.8,	29.0,	29.0,	0.0);	(407045.0,
3747828.4,	29.0,	29.0,	0.0);	
(407041.9, 3747836.0,	29.0,	29.0,	0.0);	(407031.2,
3747846.7,	29.0,	29.0,	0.0);	
(407023.6, 3747849.8,	29.0,	29.0,	0.0);	(407016.0,
3747852.9,	29.0,	29.0,	0.0);	
(407008.5, 3747856.1,	29.0,	29.0,	0.0);	(407000.9,
3747859.2,	29.0,	29.0,	0.0);	
(406993.3, 3747862.4,	29.0,	29.0,	0.0);	(407060.7,
3747790.5,	29.0,	29.0,	0.0);	
(407060.7, 3747781.3,	29.0,	29.0,	0.0);	(407060.7,
3747772.1,	29.0,	29.0,	0.0);	
(407060.7, 3747763.0,	29.0,	29.0,	0.0);	(407060.8,
3747753.8,	29.0,	29.0,	0.0);	

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407060.8, 3747744.6,	29.0,	29.0,	0.0);	(407060.8,
3747735.4,	29.0,	29.0,	0.0);	
(407060.8, 3747726.2,	29.0,	29.0,	0.0);	(407060.8,
3747717.0,	29.0,	29.0,	0.0);	
(407060.8, 3747707.8,	29.0,	29.0,	0.0);	(407060.8,
3747698.7,	29.0,	29.0,	0.0);	
(407060.8, 3747689.5,	29.0,	29.0,	0.0);	(407060.8,
3747680.3,	29.0,	29.0,	0.0);	
(407062.4, 3747798.6,	29.0,	29.0,	0.0);	(407059.0,
3747806.7,	29.0,	29.0,	0.0);	
(407055.7, 3747814.8,	29.0,	29.0,	0.0);	(407052.3,
3747822.8,	29.0,	29.0,	0.0);	
(407049.0, 3747830.9,	29.0,	29.0,	0.0);	(407045.6,
3747839.0,	29.0,	29.0,	0.0);	
(407034.2, 3747850.4,	29.0,	29.0,	0.0);	(407026.1,
3747853.8,	29.0,	29.0,	0.0);	
(407010.0, 3747860.5,	29.0,	29.0,	0.0);	(407001.9,
3747863.8,	29.0,	29.0,	0.0);	
(406993.8, 3747867.1,	29.0,	29.0,	0.0);	(407065.7,
3747790.5,	29.0,	29.0,	0.0);	
(407065.7, 3747781.3,	29.0,	29.0,	0.0);	(407065.7,
3747772.1,	29.0,	29.0,	0.0);	
(407065.7, 3747763.0,	29.0,	29.0,	0.0);	(407065.8,
3747753.8,	29.0,	29.0,	0.0);	
(407065.8, 3747744.6,	29.0,	29.0,	0.0);	(407065.8,
3747735.4,	29.0,	29.0,	0.0);	
(407065.8, 3747726.2,	29.0,	29.0,	0.0);	(407065.8,
3747717.0,	29.0,	29.0,	0.0);	

(407065.8, 3747707.8,	29.0,	29.0,	0.0);	(407065.8,
3747698.7,	29.0,	29.0,	0.0);	
(407065.8, 3747689.5,	29.0,	29.0,	0.0);	(407065.8,
3747680.3,	29.0,	29.0,	0.0);	
(407067.6, 3747798.0,	29.0,	29.0,	0.0);	(407064.5,
3747805.5,	29.0,	29.0,	0.0);	
(407061.4, 3747813.0,	29.0,	29.0,	0.0);	(407058.3,
3747820.6,	29.0,	29.0,	0.0);	
(407055.2, 3747828.1,	29.0,	29.0,	0.0);	(407052.1,
3747835.6,	29.0,	29.0,	0.0);	
(407049.0, 3747843.1,	29.0,	29.0,	0.0);	(407038.3,
3747853.7,	29.0,	29.0,	0.0);	
(407030.8, 3747856.8,	29.0,	29.0,	0.0);	(407023.3,
3747859.9,	29.0,	29.0,	0.0);	
(407015.8, 3747863.0,	29.0,	29.0,	0.0);	(407008.3,
3747866.2,	29.0,	29.0,	0.0);	
(407000.8, 3747869.3,	29.0,	29.0,	0.0);	(406993.2,
3747872.4,	29.0,	29.0,	0.0);	
(407070.7, 3747790.5,	29.0,	29.0,	0.0);	(407070.7,
3747781.3,	29.0,	29.0,	0.0);	
(407070.7, 3747772.1,	29.0,	29.0,	0.0);	(407070.7,
3747763.0,	29.0,	29.0,	0.0);	
(407070.8, 3747753.8,	29.0,	29.0,	0.0);	(407070.8,
3747744.6,	29.0,	29.0,	0.0);	
(407070.8, 3747735.4,	29.0,	29.0,	0.0);	(407070.8,
3747726.2,	29.0,	29.0,	0.0);	
(407070.8, 3747717.0,	29.0,	29.0,	0.0);	(407070.8,
3747707.8,	29.0,	29.0,	0.0);	
(407070.8, 3747698.7,	29.0,	29.0,	0.0);	(407070.8,
3747689.5,	29.0,	29.0,	0.0);	
(407070.8, 3747680.3,	29.0,	29.0,	0.0);	(407072.4,
3747798.5,	29.0,	29.0,	0.0);	
(407069.1, 3747806.4,	29.0,	29.0,	0.0);	(407065.8,
3747814.4,	29.0,	29.0,	0.0);	
(407062.6, 3747822.3,	29.0,	29.0,	0.0);	(407059.3,
3747830.3,	29.0,	29.0,	0.0);	
(407056.0, 3747838.2,	29.0,	29.0,	0.0);	(407052.7,
3747846.2,	29.0,	29.0,	0.0);	
(407041.4, 3747857.4,	29.0,	29.0,	0.0);	(407033.5,
3747860.7,	29.0,	29.0,	0.0);	
(407025.5, 3747864.0,	29.0,	29.0,	0.0);	(407017.6,
3747867.3,	29.0,	29.0,	0.0);	
(407001.6, 3747873.9,	29.0,	29.0,	0.0);	(406993.7,
3747877.2,	29.0,	29.0,	0.0);	
(407075.7, 3747790.5,	29.0,	29.0,	0.0);	(407075.7,
3747781.3,	29.0,	29.0,	0.0);	
(407075.7, 3747772.1,	29.0,	29.0,	0.0);	(407075.7,
3747763.0,	29.0,	29.0,	0.0);	
(407075.8, 3747753.8,	29.0,	29.0,	0.0);	(407075.8,
3747744.6,	29.0,	29.0,	0.0);	
(407075.8, 3747735.4,	29.0,	29.0,	0.0);	(407075.8,
3747726.2,	29.0,	29.0,	0.0);	
(407075.8, 3747717.0,	29.0,	29.0,	0.0);	(407075.8,
3747707.8,	29.0,	29.0,	0.0);	
(407075.8, 3747698.7,	29.0,	29.0,	0.0);	(407075.8,
3747689.5,	29.0,	29.0,	0.0);	
(407075.8, 3747680.3,	29.0,	29.0,	0.0);	(407077.3,
3747798.9,	29.0,	29.0,	0.0);	
(407073.8, 3747807.3,	29.0,	29.0,	0.0);	(407070.3,
3747815.7,	29.0,	29.0,	0.0);	
(407066.8, 3747824.1,	29.0,	29.0,	0.0);	(407063.3,
3747832.5,	29.0,	29.0,	0.0);	

*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(407059.9, 3747840.9,	29.0,	29.0,	0.0);	(407056.4,
3747849.3,	29.0,	29.0,	0.0);	
(407044.5, 3747861.2,	29.0,	29.0,	0.0);	(407036.1,
3747864.6,	29.0,	29.0,	0.0);	
(407027.7, 3747868.1,	29.0,	29.0,	0.0);	(407019.3,
3747871.6,	29.0,	29.0,	0.0);	
(407010.9, 3747875.1,	29.0,	29.0,	0.0);	(407002.5,
3747878.5,	29.0,	29.0,	0.0);	
(406994.1, 3747882.0,	29.0,	29.0,	0.0);	(407080.7,
3747790.5,	29.0,	29.0,	0.0);	
(407080.7, 3747781.3,	29.0,	29.0,	0.0);	(407080.7,
3747772.1,	29.0,	29.0,	0.0);	
(407080.7, 3747763.0,	29.0,	29.0,	0.0);	(407080.8,
3747753.8,	29.0,	29.0,	0.0);	
(407080.8, 3747744.6,	29.0,	29.0,	0.0);	(407080.8,
3747735.4,	29.0,	29.0,	0.0);	
(407080.8, 3747726.2,	29.0,	29.0,	0.0);	(407080.8,
3747717.0,	29.0,	29.0,	0.0);	
(407080.8, 3747707.8,	29.0,	29.0,	0.0);	(407080.8,
3747698.7,	29.0,	29.0,	0.0);	
(407080.8, 3747689.5,	29.0,	29.0,	0.0);	(407080.8,
3747680.3,	29.0,	29.0,	0.0);	
(407082.5, 3747798.4,	29.0,	29.0,	0.0);	(407079.2,
3747806.2,	29.0,	29.0,	0.0);	
(407076.0, 3747814.1,	29.0,	29.0,	0.0);	(407072.7,
3747821.9,	29.0,	29.0,	0.0);	
(407069.5, 3747829.8,	29.0,	29.0,	0.0);	(407066.2,
3747837.6,	29.0,	29.0,	0.0);	
(407063.0, 3747845.5,	29.0,	29.0,	0.0);	(407059.7,
3747853.4,	29.0,	29.0,	0.0);	
(407048.6, 3747864.5,	29.0,	29.0,	0.0);	(407040.7,
3747867.7,	29.0,	29.0,	0.0);	
(407032.9, 3747871.0,	29.0,	29.0,	0.0);	(407025.0,
3747874.2,	29.0,	29.0,	0.0);	
(407017.2, 3747877.5,	29.0,	29.0,	0.0);	(407009.3,
3747880.7,	29.0,	29.0,	0.0);	
(407001.5, 3747884.0,	29.0,	29.0,	0.0);	(406993.6,
3747887.2,	29.0,	29.0,	0.0);	
(407085.7, 3747790.5,	29.0,	29.0,	0.0);	(407085.7,
3747781.3,	29.0,	29.0,	0.0);	
(407085.7, 3747772.1,	29.0,	29.0,	0.0);	(407085.7,
3747763.0,	29.0,	29.0,	0.0);	
(407085.8, 3747753.8,	29.0,	29.0,	0.0);	(407085.8,
3747744.6,	29.0,	29.0,	0.0);	
(407085.8, 3747735.4,	29.0,	29.0,	0.0);	(407085.8,
3747726.2,	29.0,	29.0,	0.0);	
(407085.8, 3747717.0,	29.0,	29.0,	0.0);	(407085.8,
3747707.8,	29.0,	29.0,	0.0);	
(407085.8, 3747698.7,	29.0,	29.0,	0.0);	(407085.8,
3747689.5,	29.0,	29.0,	0.0);	
(407085.8, 3747680.3,	29.0,	29.0,	0.0);	(406985.8,
3747675.3,	29.0,	29.0,	0.0);	
(406976.6, 3747675.3,	29.0,	29.0,	0.0);	(406967.4,
3747675.3,	29.0,	29.0,	0.0);	
(406958.2, 3747675.3,	29.0,	29.0,	0.0);	(406949.0,
3747675.3,	29.0,	29.0,	0.0);	
(406939.8, 3747675.3,	29.0,	29.0,	0.0);	(406930.7,
3747675.3,	29.0,	29.0,	0.0);	

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( 406921.5, 3747675.3, 29.0, 29.0, 0.0); ( 406912.3,
3747675.3, 29.0, 29.0, 0.0);
( 406903.1, 3747675.3, 29.0, 29.0, 0.0); ( 406893.9,
3747675.3, 29.0, 29.0, 0.0);
( 406884.7, 3747675.3, 29.0, 29.0, 0.0); ( 406875.5,
3747675.3, 29.0, 29.0, 0.0);
( 406985.8, 3747670.3, 29.0, 29.0, 0.0); ( 406976.6,
3747670.3, 29.0, 29.0, 0.0);
( 406967.4, 3747670.3, 29.0, 29.0, 0.0); ( 406958.2,
3747670.3, 29.0, 29.0, 0.0);
( 406949.0, 3747670.3, 29.0, 29.0, 0.0); ( 406939.8,
3747670.3, 29.0, 29.0, 0.0);
( 406930.7, 3747670.3, 29.0, 29.0, 0.0); ( 406921.5,
3747670.3, 29.0, 29.0, 0.0);
( 406912.3, 3747670.3, 29.0, 29.0, 0.0); ( 406903.1,
3747670.3, 29.0, 29.0, 0.0);
( 406893.9, 3747670.3, 29.0, 29.0, 0.0); ( 406884.7,
3747670.3, 29.0, 29.0, 0.0);
( 406875.5, 3747670.3, 29.0, 29.0, 0.0); ( 406991.1,
3747667.5, 29.0, 29.0, 0.0);
( 406998.6, 3747675.0, 29.0, 29.0, 0.0); ( 406985.8,
3747665.3, 29.0, 29.0, 0.0);
( 406976.6, 3747665.3, 29.0, 29.0, 0.0); ( 406967.4,
3747665.3, 29.0, 29.0, 0.0);
( 406958.2, 3747665.3, 29.0, 29.0, 0.0); ( 406949.0,
3747665.3, 29.0, 29.0, 0.0);
( 406939.8, 3747665.3, 29.0, 29.0, 0.0); ( 406930.7,
3747665.3, 29.0, 29.0, 0.0);
( 406921.5, 3747665.3, 29.0, 29.0, 0.0); ( 406912.3,
3747665.3, 29.0, 29.0, 0.0);
( 406903.1, 3747665.3, 29.0, 29.0, 0.0); ( 406893.9,
3747665.3, 29.0, 29.0, 0.0);

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ER *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

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( 406884.7, 3747665.3, 29.0, 29.0, 0.0); ( 406875.5,
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( 406992.8, 3747663.2, 29.0, 29.0, 0.0); ( 407002.8,
3747673.2, 29.0, 29.0, 0.0);
( 406985.8, 3747660.3, 29.0, 29.0, 0.0); ( 406976.6,
3747660.3, 29.0, 29.0, 0.0);
( 406967.4, 3747660.3, 29.0, 29.0, 0.0); ( 406958.2,
3747660.3, 29.0, 29.0, 0.0);
( 406949.0, 3747660.3, 29.0, 29.0, 0.0); ( 406939.8,
3747660.3, 29.0, 29.0, 0.0);
( 406930.7, 3747660.3, 29.0, 29.0, 0.0); ( 406921.5,
3747660.3, 29.0, 29.0, 0.0);
( 406912.3, 3747660.3, 29.0, 29.0, 0.0); ( 406903.1,
3747660.3, 29.0, 29.0, 0.0);
( 406893.9, 3747660.3, 29.0, 29.0, 0.0); ( 406884.7,
3747660.3, 29.0, 29.0, 0.0);
( 406875.5, 3747660.3, 29.0, 29.0, 0.0); ( 406991.6,
3747657.7, 29.0, 29.0, 0.0);
( 406997.5, 3747660.1, 29.0, 29.0, 0.0); ( 407005.9,
3747668.5, 29.0, 29.0, 0.0);
( 407008.3, 3747674.4, 29.0, 29.0, 0.0); ( 406985.8,
3747655.3, 29.0, 29.0, 0.0);

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(406976.6, 3747655.3,	29.0,	29.0,	0.0);	(406967.4,
3747655.3,	29.0,	29.0,	0.0);	
(406958.2, 3747655.3,	29.0,	29.0,	0.0);	(406949.0,
3747655.3,	29.0,	29.0,	0.0);	
(406939.8, 3747655.3,	29.0,	29.0,	0.0);	(406930.7,
3747655.3,	29.0,	29.0,	0.0);	
(406921.5, 3747655.3,	29.0,	29.0,	0.0);	(406912.3,
3747655.3,	29.0,	29.0,	0.0);	
(406903.1, 3747655.3,	29.0,	29.0,	0.0);	(406893.9,
3747655.3,	29.0,	29.0,	0.0);	
(406884.7, 3747655.3,	29.0,	29.0,	0.0);	(406875.5,
3747655.3,	29.0,	29.0,	0.0);	
(406992.8, 3747653.2,	29.0,	29.0,	0.0);	(406999.9,
3747656.1,	29.0,	29.0,	0.0);	
(407009.9, 3747666.1,	29.0,	29.0,	0.0);	(407012.8,
3747673.2,	29.0,	29.0,	0.0);	
(406985.8, 3747650.3,	29.0,	29.0,	0.0);	(406976.6,
3747650.3,	29.0,	29.0,	0.0);	
(406967.4, 3747650.3,	29.0,	29.0,	0.0);	(406958.2,
3747650.3,	29.0,	29.0,	0.0);	
(406949.0, 3747650.3,	29.0,	29.0,	0.0);	(406939.8,
3747650.3,	29.0,	29.0,	0.0);	
(406930.7, 3747650.3,	29.0,	29.0,	0.0);	(406921.5,
3747650.3,	29.0,	29.0,	0.0);	
(406912.3, 3747650.3,	29.0,	29.0,	0.0);	(406903.1,
3747650.3,	29.0,	29.0,	0.0);	
(406893.9, 3747650.3,	29.0,	29.0,	0.0);	(406884.7,
3747650.3,	29.0,	29.0,	0.0);	
(406875.5, 3747650.3,	29.0,	29.0,	0.0);	(406994.0,
3747648.7,	29.0,	29.0,	0.0);	
(407002.3, 3747652.1,	29.0,	29.0,	0.0);	(407013.9,
3747663.8,	29.0,	29.0,	0.0);	
(407017.3, 3747672.0,	29.0,	29.0,	0.0);	(406985.8,
3747645.3,	29.0,	29.0,	0.0);	
(406976.6, 3747645.3,	29.0,	29.0,	0.0);	(406967.4,
3747645.3,	29.0,	29.0,	0.0);	
(406958.2, 3747645.3,	29.0,	29.0,	0.0);	(406949.0,
3747645.3,	29.0,	29.0,	0.0);	
(406939.8, 3747645.3,	29.0,	29.0,	0.0);	(406930.7,
3747645.3,	29.0,	29.0,	0.0);	
(406921.5, 3747645.3,	29.0,	29.0,	0.0);	(406912.3,
3747645.3,	29.0,	29.0,	0.0);	
(406903.1, 3747645.3,	29.0,	29.0,	0.0);	(406893.9,
3747645.3,	29.0,	29.0,	0.0);	
(406884.7, 3747645.3,	29.0,	29.0,	0.0);	(406875.5,
3747645.3,	29.0,	29.0,	0.0);	
(406992.8, 3747643.2,	29.0,	29.0,	0.0);	(406999.9,
3747646.1,	29.0,	29.0,	0.0);	
(407007.0, 3747649.1,	29.0,	29.0,	0.0);	(407017.0,
3747659.1,	29.0,	29.0,	0.0);	
(407019.9, 3747666.1,	29.0,	29.0,	0.0);	(407022.8,
3747673.2,	29.0,	29.0,	0.0);	
(406985.8, 3747640.3,	29.0,	29.0,	0.0);	(406976.6,
3747640.3,	29.0,	29.0,	0.0);	
(406967.4, 3747640.3,	29.0,	29.0,	0.0);	(406958.2,
3747640.3,	29.0,	29.0,	0.0);	
(406949.0, 3747640.3,	29.0,	29.0,	0.0);	(406939.8,
3747640.3,	29.0,	29.0,	0.0);	
(406930.7, 3747640.3,	29.0,	29.0,	0.0);	(406921.5,
3747640.3,	29.0,	29.0,	0.0);	
(406912.3, 3747640.3,	29.0,	29.0,	0.0);	(406903.1,
3747640.3,	29.0,	29.0,	0.0);	
(406893.9, 3747640.3,	29.0,	29.0,	0.0);	(406884.7,
3747640.3,	29.0,	29.0,	0.0);	
(406875.5, 3747640.3,	29.0,	29.0,	0.0);	(406993.7,
3747638.6,	29.0,	29.0,	0.0);	

(407001.7, 3747641.9, 29.0, 29.0, 0.0); (407009.6,
3747645.2, 29.0, 29.0, 0.0);
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(407020.9, 3747656.4, 29.0, 29.0, 0.0);	(407024.2, 3747664.4, 29.0, 29.0, 0.0);
(407027.5, 3747672.3, 29.0, 29.0, 0.0);	(406985.8, 3747635.3, 29.0, 29.0, 0.0);
(406976.6, 3747635.3, 29.0, 29.0, 0.0);	(406967.4, 3747635.3, 29.0, 29.0, 0.0);
(406958.2, 3747635.3, 29.0, 29.0, 0.0);	(406949.0, 3747635.3, 29.0, 29.0, 0.0);
(406939.8, 3747635.3, 29.0, 29.0, 0.0);	(406930.7, 3747635.3, 29.0, 29.0, 0.0);
(406921.5, 3747635.3, 29.0, 29.0, 0.0);	(406912.3, 3747635.3, 29.0, 29.0, 0.0);
(406903.1, 3747635.3, 29.0, 29.0, 0.0);	(406893.9, 3747635.3, 29.0, 29.0, 0.0);
(406884.7, 3747635.3, 29.0, 29.0, 0.0);	(406875.5, 3747635.3, 29.0, 29.0, 0.0);
(406992.8, 3747633.2, 29.0, 29.0, 0.0);	(406999.9, 3747636.1, 29.0, 29.0, 0.0);
(407007.0, 3747639.1, 29.0, 29.0, 0.0);	(407014.0, 3747642.0, 29.0, 29.0, 0.0);
(407024.0, 3747652.0, 29.0, 29.0, 0.0);	(407027.0, 3747659.1, 29.0, 29.0, 0.0);
(407029.9, 3747666.1, 29.0, 29.0, 0.0);	(407032.8, 3747673.2, 29.0, 29.0, 0.0);
(406985.8, 3747630.3, 29.0, 29.0, 0.0);	(406976.6, 3747630.3, 29.0, 29.0, 0.0);
(406967.4, 3747630.3, 29.0, 29.0, 0.0);	(406958.2, 3747630.3, 29.0, 29.0, 0.0);
(406949.0, 3747630.3, 29.0, 29.0, 0.0);	(406939.8, 3747630.3, 29.0, 29.0, 0.0);
(406930.7, 3747630.3, 29.0, 29.0, 0.0);	(406921.5, 3747630.3, 29.0, 29.0, 0.0);
(406912.3, 3747630.3, 29.0, 29.0, 0.0);	(406903.1, 3747630.3, 29.0, 29.0, 0.0);
(406893.9, 3747630.3, 29.0, 29.0, 0.0);	(406884.7, 3747630.3, 29.0, 29.0, 0.0);
(406875.5, 3747630.3, 29.0, 29.0, 0.0);	(406993.5, 3747628.5, 29.0, 29.0, 0.0);
(407001.3, 3747631.7, 29.0, 29.0, 0.0);	(407009.1, 3747634.9, 29.0, 29.0, 0.0);
(407016.9, 3747638.2, 29.0, 29.0, 0.0);	(407027.9, 3747649.2, 29.0, 29.0, 0.0);
(407031.1, 3747656.9, 29.0, 29.0, 0.0);	(407034.3, 3747664.7, 29.0, 29.0, 0.0);
(407037.5, 3747672.5, 29.0, 29.0, 0.0);	(406985.8, 3747625.3, 29.0, 29.0, 0.0);
(406976.6, 3747625.3, 29.0, 29.0, 0.0);	(406967.4, 3747625.3, 29.0, 29.0, 0.0);
(406958.2, 3747625.3, 29.0, 29.0, 0.0);	(406949.0, 3747625.3, 29.0, 29.0, 0.0);
(406939.8, 3747625.3, 29.0, 29.0, 0.0);	(406930.7, 3747625.3, 29.0, 29.0, 0.0);

(406921.5, 3747625.3,	29.0,	29.0,	0.0);	(406912.3,
3747625.3,	29.0,	29.0,	0.0);	
(406903.1, 3747625.3,	29.0,	29.0,	0.0);	(406893.9,
3747625.3,	29.0,	29.0,	0.0);	
(406884.7, 3747625.3,	29.0,	29.0,	0.0);	(406875.5,
3747625.3,	29.0,	29.0,	0.0);	
(406992.8, 3747623.2,	29.0,	29.0,	0.0);	(406999.9,
3747626.1,	29.0,	29.0,	0.0);	
(407007.0, 3747629.1,	29.0,	29.0,	0.0);	(407014.0,
3747632.0,	29.0,	29.0,	0.0);	
(407021.1, 3747634.9,	29.0,	29.0,	0.0);	(407031.1,
3747644.9,	29.0,	29.0,	0.0);	
(407034.0, 3747652.0,	29.0,	29.0,	0.0);	(407037.0,
3747659.1,	29.0,	29.0,	0.0);	
(407039.9, 3747666.1,	29.0,	29.0,	0.0);	(407042.8,
3747673.2,	29.0,	29.0,	0.0);	
(406985.8, 3747620.3,	29.0,	29.0,	0.0);	(406976.6,
3747620.3,	29.0,	29.0,	0.0);	
(406967.4, 3747620.3,	29.0,	29.0,	0.0);	(406958.2,
3747620.3,	29.0,	29.0,	0.0);	
(406949.0, 3747620.3,	29.0,	29.0,	0.0);	(406939.8,
3747620.3,	29.0,	29.0,	0.0);	
(406930.7, 3747620.3,	29.0,	29.0,	0.0);	(406921.5,
3747620.3,	29.0,	29.0,	0.0);	
(406912.3, 3747620.3,	29.0,	29.0,	0.0);	(406903.1,
3747620.3,	29.0,	29.0,	0.0);	
(406893.9, 3747620.3,	29.0,	29.0,	0.0);	(406884.7,
3747620.3,	29.0,	29.0,	0.0);	
(406875.5, 3747620.3,	29.0,	29.0,	0.0);	(406993.4,
3747618.4,	29.0,	29.0,	0.0);	
(407001.1, 3747621.6,	29.0,	29.0,	0.0);	(407008.7,
3747624.8,	29.0,	29.0,	0.0);	
(407016.4, 3747628.0,	29.0,	29.0,	0.0);	(407024.1,
3747631.1,	29.0,	29.0,	0.0);	
(407034.9, 3747642.0,	29.0,	29.0,	0.0);	(407038.1,
3747649.6,	29.0,	29.0,	0.0);	
(407041.2, 3747657.3,	29.0,	29.0,	0.0);	(407044.4,
3747665.0,	29.0,	29.0,	0.0);	


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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(407047.6, 3747672.6,	29.0,	29.0,	0.0);	(406985.8,
3747615.3,	29.0,	29.0,	0.0);	
(406976.6, 3747615.3,	29.0,	29.0,	0.0);	(406967.4,
3747615.3,	29.0,	29.0,	0.0);	
(406958.2, 3747615.3,	29.0,	29.0,	0.0);	(406949.0,
3747615.3,	29.0,	29.0,	0.0);	
(406939.8, 3747615.3,	29.0,	29.0,	0.0);	(406930.7,
3747615.3,	29.0,	29.0,	0.0);	
(406921.5, 3747615.3,	29.0,	29.0,	0.0);	(406912.3,
3747615.3,	29.0,	29.0,	0.0);	
(406903.1, 3747615.3,	29.0,	29.0,	0.0);	(406893.9,
3747615.3,	29.0,	29.0,	0.0);	
(406884.7, 3747615.3,	29.0,	29.0,	0.0);	(406875.5,
3747615.3,	29.0,	29.0,	0.0);	
(406994.0, 3747613.7,	29.0,	29.0,	0.0);	(407002.3,
3747617.1,	29.0,	29.0,	0.0);	

(407010.5, 3747620.5,	29.0,	29.0,	0.0);	(407018.8,
3747623.9,	29.0,	29.0,	0.0);	
(407027.0, 3747627.4,	29.0,	29.0,	0.0);	(407038.7,
3747639.0,	29.0,	29.0,	0.0);	
(407042.1, 3747647.3,	29.0,	29.0,	0.0);	(407045.5,
3747655.5,	29.0,	29.0,	0.0);	
(407048.9, 3747663.8,	29.0,	29.0,	0.0);	(407052.3,
3747672.0,	29.0,	29.0,	0.0);	
(406985.8, 3747610.3,	29.0,	29.0,	0.0);	(406976.6,
3747610.3,	29.0,	29.0,	0.0);	
(406967.4, 3747610.3,	29.0,	29.0,	0.0);	(406958.2,
3747610.3,	29.0,	29.0,	0.0);	
(406949.0, 3747610.3,	29.0,	29.0,	0.0);	(406939.8,
3747610.3,	29.0,	29.0,	0.0);	
(406930.7, 3747610.3,	29.0,	29.0,	0.0);	(406921.5,
3747610.3,	29.0,	29.0,	0.0);	
(406912.3, 3747610.3,	29.0,	29.0,	0.0);	(406903.1,
3747610.3,	29.0,	29.0,	0.0);	
(406893.9, 3747610.3,	29.0,	29.0,	0.0);	(406884.7,
3747610.3,	29.0,	29.0,	0.0);	
(406875.5, 3747610.3,	29.0,	29.0,	0.0);	(406993.3,
3747608.4,	29.0,	29.0,	0.0);	
(407000.9, 3747611.5,	29.0,	29.0,	0.0);	(407008.5,
3747614.7,	29.0,	29.0,	0.0);	
(407016.1, 3747617.8,	29.0,	29.0,	0.0);	(407023.6,
3747621.0,	29.0,	29.0,	0.0);	
(407031.2, 3747624.1,	29.0,	29.0,	0.0);	(407041.9,
3747634.8,	29.0,	29.0,	0.0);	
(407045.1, 3747642.4,	29.0,	29.0,	0.0);	(407048.2,
3747650.0,	29.0,	29.0,	0.0);	
(407051.3, 3747657.5,	29.0,	29.0,	0.0);	(407054.5,
3747665.1,	29.0,	29.0,	0.0);	
(407057.6, 3747672.7,	29.0,	29.0,	0.0);	(406985.8,
3747605.3,	29.0,	29.0,	0.0);	
(406976.6, 3747605.3,	29.0,	29.0,	0.0);	(406967.4,
3747605.3,	29.0,	29.0,	0.0);	
(406958.2, 3747605.3,	29.0,	29.0,	0.0);	(406949.0,
3747605.3,	29.0,	29.0,	0.0);	
(406939.8, 3747605.3,	29.0,	29.0,	0.0);	(406930.7,
3747605.3,	29.0,	29.0,	0.0);	
(406921.5, 3747605.3,	29.0,	29.0,	0.0);	(406912.3,
3747605.3,	29.0,	29.0,	0.0);	
(406903.1, 3747605.3,	29.0,	29.0,	0.0);	(406893.9,
3747605.3,	29.0,	29.0,	0.0);	
(406884.7, 3747605.3,	29.0,	29.0,	0.0);	(406875.5,
3747605.3,	29.0,	29.0,	0.0);	
(406993.8, 3747603.6,	29.0,	29.0,	0.0);	(407001.9,
3747607.0,	29.0,	29.0,	0.0);	
(407010.0, 3747610.3,	29.0,	29.0,	0.0);	(407026.2,
3747617.0,	29.0,	29.0,	0.0);	
(407034.2, 3747620.4,	29.0,	29.0,	0.0);	(407045.7,
3747631.8,	29.0,	29.0,	0.0);	
(407049.0, 3747639.9,	29.0,	29.0,	0.0);	(407052.4,
3747647.9,	29.0,	29.0,	0.0);	
(407055.7, 3747656.0,	29.0,	29.0,	0.0);	(407059.1,
3747664.1,	29.0,	29.0,	0.0);	
(407062.4, 3747672.2,	29.0,	29.0,	0.0);	(406985.8,
3747600.3,	29.0,	29.0,	0.0);	
(406976.6, 3747600.3,	29.0,	29.0,	0.0);	(406967.4,
3747600.3,	29.0,	29.0,	0.0);	
(406958.2, 3747600.3,	29.0,	29.0,	0.0);	(406949.0,
3747600.3,	29.0,	29.0,	0.0);	
(406939.8, 3747600.3,	29.0,	29.0,	0.0);	(406930.7,
3747600.3,	29.0,	29.0,	0.0);	
(406921.5, 3747600.3,	29.0,	29.0,	0.0);	(406912.3,
3747600.3,	29.0,	29.0,	0.0);	

(406903.1, 3747600.3,	29.0,	29.0,	0.0);	(406893.9,
3747600.3,	29.0,	29.0,	0.0);	
(406884.7, 3747600.3,	29.0,	29.0,	0.0);	(406875.5,
3747600.3,	29.0,	29.0,	0.0);	
(406993.3, 3747598.4,	29.0,	29.0,	0.0);	(407000.8,
3747601.5,	29.0,	29.0,	0.0);	
(407008.3, 3747604.6,	29.0,	29.0,	0.0);	(407015.8,
3747607.7,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407023.3, 3747610.8,	29.0,	29.0,	0.0);	(407030.8,
3747613.9,	29.0,	29.0,	0.0);	
(407038.4, 3747617.1,	29.0,	29.0,	0.0);	(407049.0,
3747627.7,	29.0,	29.0,	0.0);	
(407052.1, 3747635.2,	29.0,	29.0,	0.0);	(407055.2,
3747642.7,	29.0,	29.0,	0.0);	
(407058.3, 3747650.2,	29.0,	29.0,	0.0);	(407061.4,
3747657.7,	29.0,	29.0,	0.0);	
(407064.5, 3747665.3,	29.0,	29.0,	0.0);	(407067.6,
3747672.8,	29.0,	29.0,	0.0);	
(406985.8, 3747595.3,	29.0,	29.0,	0.0);	(406976.6,
3747595.3,	29.0,	29.0,	0.0);	
(406967.4, 3747595.3,	29.0,	29.0,	0.0);	(406958.2,
3747595.3,	29.0,	29.0,	0.0);	
(406949.0, 3747595.3,	29.0,	29.0,	0.0);	(406939.8,
3747595.3,	29.0,	29.0,	0.0);	
(406930.7, 3747595.3,	29.0,	29.0,	0.0);	(406921.5,
3747595.3,	29.0,	29.0,	0.0);	
(406912.3, 3747595.3,	29.0,	29.0,	0.0);	(406903.1,
3747595.3,	29.0,	29.0,	0.0);	
(406893.9, 3747595.3,	29.0,	29.0,	0.0);	(406884.7,
3747595.3,	29.0,	29.0,	0.0);	
(406875.5, 3747595.3,	29.0,	29.0,	0.0);	(406993.7,
3747593.6,	29.0,	29.0,	0.0);	
(407001.7, 3747596.9,	29.0,	29.0,	0.0);	(407017.6,
3747603.4,	29.0,	29.0,	0.0);	
(407025.5, 3747606.8,	29.0,	29.0,	0.0);	(407033.5,
3747610.0,	29.0,	29.0,	0.0);	
(407041.5, 3747613.3,	29.0,	29.0,	0.0);	(407052.7,
3747624.6,	29.0,	29.0,	0.0);	
(407056.0, 3747632.5,	29.0,	29.0,	0.0);	(407059.3,
3747640.5,	29.0,	29.0,	0.0);	
(407062.6, 3747648.5,	29.0,	29.0,	0.0);	(407065.9,
3747656.4,	29.0,	29.0,	0.0);	
(407069.2, 3747664.4,	29.0,	29.0,	0.0);	(407072.5,
3747672.3,	29.0,	29.0,	0.0);	
(406985.8, 3747590.3,	29.0,	29.0,	0.0);	(406976.6,
3747590.3,	29.0,	29.0,	0.0);	
(406967.4, 3747590.3,	29.0,	29.0,	0.0);	(406958.2,
3747590.3,	29.0,	29.0,	0.0);	
(406949.0, 3747590.3,	29.0,	29.0,	0.0);	(406939.8,
3747590.3,	29.0,	29.0,	0.0);	
(406930.7, 3747590.3,	29.0,	29.0,	0.0);	(406921.5,
3747590.3,	29.0,	29.0,	0.0);	
(406912.3, 3747590.3,	29.0,	29.0,	0.0);	(406903.1,
3747590.3,	29.0,	29.0,	0.0);	

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( 406893.9, 3747590.3, 29.0, 29.0, 0.0); ( 406884.7,
3747590.3, 29.0, 29.0, 0.0);
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( 407036.1, 3747606.1, 29.0, 29.0, 0.0); ( 407044.5,
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( 407056.4, 3747621.5, 29.0, 29.0, 0.0); ( 407059.9,
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( 407077.3, 3747671.9, 29.0, 29.0, 0.0); ( 406985.8,
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( 406976.6, 3747585.3, 29.0, 29.0, 0.0); ( 406967.4,
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( 406958.2, 3747585.3, 29.0, 29.0, 0.0); ( 406949.0,
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( 406939.8, 3747585.3, 29.0, 29.0, 0.0); ( 406930.7,
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( 406921.5, 3747585.3, 29.0, 29.0, 0.0); ( 406912.3,
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FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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( 406967.4, 3747580.3, 29.0, 29.0, 0.0); ( 406958.2,
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( 406930.7, 3747580.3, 29.0, 29.0, 0.0); ( 406921.5,
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(406870.5, 3747707.8,	29.0,	29.0,	0.0);	(406870.5,
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(406865.5, 3747698.6,	29.0,	29.0,	0.0);	(406865.5,
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(406865.5, 3747753.8,	29.0,	29.0,	0.0);	(406865.5,
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(406860.5, 3747707.8,	29.0,	29.0,	0.0);	(406860.5,
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(406860.5, 3747744.6,	29.0,	29.0,	0.0);	(406860.5,
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(406855.5, 3747753.8,	29.0,	29.0,	0.0);	(406855.5,
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*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

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(406820.5, 3747726.2,	29.0,	29.0,	0.0);	(406820.5,
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3747772.1,	29.0,	29.0,	0.0);	
(406820.5, 3747781.3,	29.0,	29.0,	0.0);	(406820.5,
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(406815.5, 3747753.7,	29.0,	29.0,	0.0);	(406815.5,
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3747657.3,	29.0,	29.0,	0.0);	
(406823.2, 3747649.6,	29.0,	29.0,	0.0);	(406826.4,
3747642.0,	29.0,	29.0,	0.0);	
(406837.3, 3747631.1,	29.0,	29.0,	0.0);	(406844.9,
3747628.0,	29.0,	29.0,	0.0);	
(406852.6, 3747624.8,	29.0,	29.0,	0.0);	(406860.2,
3747621.6,	29.0,	29.0,	0.0);	
(406867.9, 3747618.4,	29.0,	29.0,	0.0);	(406810.5,
3747680.2,	29.0,	29.0,	0.0);	
(406810.5, 3747689.4,	29.0,	29.0,	0.0);	(406810.5,
3747698.6,	29.0,	29.0,	0.0);	
(406810.5, 3747707.8,	29.0,	29.0,	0.0);	(406810.5,
3747717.0,	29.0,	29.0,	0.0);	
(406810.5, 3747726.2,	29.0,	29.0,	0.0);	(406810.5,
3747735.4,	29.0,	29.0,	0.0);	
(406810.5, 3747744.5,	29.0,	29.0,	0.0);	(406810.5,
3747753.7,	29.0,	29.0,	0.0);	
(406810.5, 3747762.9,	29.0,	29.0,	0.0);	(406810.5,
3747772.1,	29.0,	29.0,	0.0);	
(406810.5, 3747781.3,	29.0,	29.0,	0.0);	(406810.5,
3747790.5,	29.0,	29.0,	0.0);	
(406809.0, 3747672.0,	29.0,	29.0,	0.0);	(406812.4,
3747663.8,	29.0,	29.0,	0.0);	
(406815.8, 3747655.5,	29.0,	29.0,	0.0);	(406819.2,
3747647.3,	29.0,	29.0,	0.0);	

(406822.6, 3747639.0,	29.0,	29.0,	0.0);	(406834.3,
3747627.3,	29.0,	29.0,	0.0);	
(406842.6, 3747623.9,	29.0,	29.0,	0.0);	(406850.8,
3747620.5,	29.0,	29.0,	0.0);	
(406859.0, 3747617.1,	29.0,	29.0,	0.0);	(406867.3,
3747613.7,	29.0,	29.0,	0.0);	
(406805.5, 3747680.2,	29.0,	29.0,	0.0);	(406805.5,
3747689.4,	29.0,	29.0,	0.0);	
(406805.5, 3747698.6,	29.0,	29.0,	0.0);	(406805.5,
3747707.8,	29.0,	29.0,	0.0);	
(406805.5, 3747717.0,	29.0,	29.0,	0.0);	(406805.5,
3747726.2,	29.0,	29.0,	0.0);	
(406805.5, 3747735.4,	29.0,	29.0,	0.0);	(406805.5,
3747744.5,	29.0,	29.0,	0.0);	
(406805.5, 3747753.7,	29.0,	29.0,	0.0);	(406805.5,
3747762.9,	29.0,	29.0,	0.0);	
(406805.5, 3747772.1,	29.0,	29.0,	0.0);	(406805.5,
3747781.3,	29.0,	29.0,	0.0);	
(406805.5, 3747790.5,	29.0,	29.0,	0.0);	(406803.7,
3747672.7,	29.0,	29.0,	0.0);	

*** AERMOT - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406806.8, 3747665.1,	29.0,	29.0,	0.0);	(406810.0,
3747657.5,	29.0,	29.0,	0.0);	
(406813.1, 3747649.9,	29.0,	29.0,	0.0);	(406816.2,
3747642.4,	29.0,	29.0,	0.0);	
(406819.4, 3747634.8,	29.0,	29.0,	0.0);	(406830.1,
3747624.1,	29.0,	29.0,	0.0);	
(406837.7, 3747620.9,	29.0,	29.0,	0.0);	(406845.2,
3747617.8,	29.0,	29.0,	0.0);	
(406852.8, 3747614.7,	29.0,	29.0,	0.0);	(406860.4,
3747611.5,	29.0,	29.0,	0.0);	
(406868.0, 3747608.4,	29.0,	29.0,	0.0);	(406800.5,
3747680.2,	29.0,	29.0,	0.0);	
(406800.5, 3747689.4,	29.0,	29.0,	0.0);	(406800.5,
3747698.6,	29.0,	29.0,	0.0);	
(406800.5, 3747707.8,	29.0,	29.0,	0.0);	(406800.5,
3747717.0,	29.0,	29.0,	0.0);	
(406800.5, 3747726.2,	29.0,	29.0,	0.0);	(406800.5,
3747735.4,	29.0,	29.0,	0.0);	
(406800.5, 3747744.5,	29.0,	29.0,	0.0);	(406800.5,
3747753.7,	29.0,	29.0,	0.0);	
(406800.5, 3747762.9,	29.0,	29.0,	0.0);	(406800.5,
3747772.1,	29.0,	29.0,	0.0);	
(406800.5, 3747781.3,	29.0,	29.0,	0.0);	(406800.5,
3747790.5,	29.0,	29.0,	0.0);	
(406798.9, 3747672.2,	29.0,	29.0,	0.0);	(406802.2,
3747664.1,	29.0,	29.0,	0.0);	
(406805.6, 3747656.0,	29.0,	29.0,	0.0);	(406809.0,
3747647.9,	29.0,	29.0,	0.0);	
(406812.3, 3747639.8,	29.0,	29.0,	0.0);	(406815.6,
3747631.8,	29.0,	29.0,	0.0);	
(406827.1, 3747620.3,	29.0,	29.0,	0.0);	(406835.1,
3747617.0,	29.0,	29.0,	0.0);	
(406851.3, 3747610.3,	29.0,	29.0,	0.0);	(406859.4,
3747607.0,	29.0,	29.0,	0.0);	

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3747698.6, 29.0, 29.0, 0.0);
( 406795.5, 3747707.8, 29.0, 29.0, 0.0); ( 406795.5,
3747717.0, 29.0, 29.0, 0.0);
( 406795.5, 3747726.2, 29.0, 29.0, 0.0); ( 406795.5,
3747735.4, 29.0, 29.0, 0.0);
( 406795.5, 3747744.5, 29.0, 29.0, 0.0); ( 406795.5,
3747753.7, 29.0, 29.0, 0.0);
( 406795.5, 3747762.9, 29.0, 29.0, 0.0); ( 406795.5,
3747772.1, 29.0, 29.0, 0.0);
( 406795.5, 3747781.3, 29.0, 29.0, 0.0); ( 406795.5,
3747790.5, 29.0, 29.0, 0.0);
( 406793.7, 3747672.7, 29.0, 29.0, 0.0); ( 406796.8,
3747665.2, 29.0, 29.0, 0.0);
( 406799.9, 3747657.7, 29.0, 29.0, 0.0); ( 406803.0,
3747650.2, 29.0, 29.0, 0.0);
( 406806.1, 3747642.7, 29.0, 29.0, 0.0); ( 406809.2,
3747635.2, 29.0, 29.0, 0.0);
( 406812.3, 3747627.7, 29.0, 29.0, 0.0); ( 406823.0,
3747617.0, 29.0, 29.0, 0.0);
( 406830.5, 3747613.9, 29.0, 29.0, 0.0); ( 406838.0,
3747610.8, 29.0, 29.0, 0.0);
( 406845.5, 3747607.7, 29.0, 29.0, 0.0); ( 406853.0,
3747604.6, 29.0, 29.0, 0.0);
( 406860.5, 3747601.5, 29.0, 29.0, 0.0); ( 406868.0,
3747598.4, 29.0, 29.0, 0.0);
( 406790.5, 3747680.2, 29.0, 29.0, 0.0); ( 406790.5,
3747689.4, 29.0, 29.0, 0.0);
( 406790.5, 3747698.6, 29.0, 29.0, 0.0); ( 406790.5,
3747707.8, 29.0, 29.0, 0.0);
( 406790.5, 3747717.0, 29.0, 29.0, 0.0); ( 406790.5,
3747726.2, 29.0, 29.0, 0.0);
( 406790.5, 3747735.3, 29.0, 29.0, 0.0); ( 406790.5,
3747744.5, 29.0, 29.0, 0.0);
( 406790.5, 3747753.7, 29.0, 29.0, 0.0); ( 406790.5,
3747762.9, 29.0, 29.0, 0.0);
( 406790.5, 3747772.1, 29.0, 29.0, 0.0); ( 406790.5,
3747781.3, 29.0, 29.0, 0.0);
( 406790.5, 3747790.5, 29.0, 29.0, 0.0); ( 406788.8,
3747672.3, 29.0, 29.0, 0.0);
( 406792.1, 3747664.3, 29.0, 29.0, 0.0); ( 406795.4,
3747656.4, 29.0, 29.0, 0.0);
( 406798.7, 3747648.4, 29.0, 29.0, 0.0); ( 406802.0,
3747640.5, 29.0, 29.0, 0.0);
( 406805.3, 3747632.5, 29.0, 29.0, 0.0); ( 406808.6,
3747624.6, 29.0, 29.0, 0.0);
( 406819.9, 3747613.3, 29.0, 29.0, 0.0); ( 406827.8,
3747610.0, 29.0, 29.0, 0.0);
( 406835.8, 3747606.7, 29.0, 29.0, 0.0); ( 406843.7,
3747603.4, 29.0, 29.0, 0.0);
( 406859.6, 3747596.9, 29.0, 29.0, 0.0); ( 406867.6,
3747593.6, 29.0, 29.0, 0.0);
( 406785.5, 3747680.2, 29.0, 29.0, 0.0); ( 406785.5,
3747689.4, 29.0, 29.0, 0.0);

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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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(METERS)

(406785.5, 3747698.6,	29.0,	29.0,	0.0);	(406785.5,
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(406785.5, 3747717.0,	29.0,	29.0,	0.0);	(406785.5,
3747726.2,	29.0,	29.0,	0.0);	
(406785.5, 3747735.3,	29.0,	29.0,	0.0);	(406785.5,
3747744.5,	29.0,	29.0,	0.0);	
(406785.5, 3747753.7,	29.0,	29.0,	0.0);	(406785.5,
3747762.9,	29.0,	29.0,	0.0);	
(406785.5, 3747772.1,	29.0,	29.0,	0.0);	(406785.5,
3747781.3,	29.0,	29.0,	0.0);	
(406785.5, 3747790.5,	29.0,	29.0,	0.0);	(406784.0,
3747671.8,	29.0,	29.0,	0.0);	
(406787.5, 3747663.4,	29.0,	29.0,	0.0);	(406791.0,
3747655.0,	29.0,	29.0,	0.0);	
(406794.5, 3747646.7,	29.0,	29.0,	0.0);	(406798.0,
3747638.3,	29.0,	29.0,	0.0);	
(406801.4, 3747629.9,	29.0,	29.0,	0.0);	(406804.9,
3747621.5,	29.0,	29.0,	0.0);	
(406816.8, 3747609.6,	29.0,	29.0,	0.0);	(406825.2,
3747606.1,	29.0,	29.0,	0.0);	
(406833.6, 3747602.6,	29.0,	29.0,	0.0);	(406842.0,
3747599.2,	29.0,	29.0,	0.0);	
(406850.4, 3747595.7,	29.0,	29.0,	0.0);	(406858.8,
3747592.2,	29.0,	29.0,	0.0);	
(406867.1, 3747588.8,	29.0,	29.0,	0.0);	(406780.5,
3747680.2,	29.0,	29.0,	0.0);	
(406780.5, 3747689.4,	29.0,	29.0,	0.0);	(406780.5,
3747698.6,	29.0,	29.0,	0.0);	
(406780.5, 3747707.8,	29.0,	29.0,	0.0);	(406780.5,
3747717.0,	29.0,	29.0,	0.0);	
(406780.5, 3747726.2,	29.0,	29.0,	0.0);	(406780.5,
3747735.3,	29.0,	29.0,	0.0);	
(406780.5, 3747744.5,	29.0,	29.0,	0.0);	(406780.5,
3747753.7,	29.0,	29.0,	0.0);	
(406780.5, 3747762.9,	29.0,	29.0,	0.0);	(406780.5,
3747772.1,	29.0,	29.0,	0.0);	
(406780.5, 3747781.3,	29.0,	29.0,	0.0);	(406780.5,
3747790.5,	29.0,	29.0,	0.0);	
(406778.8, 3747672.4,	29.0,	29.0,	0.0);	(406782.1,
3747664.5,	29.0,	29.0,	0.0);	
(406785.3, 3747656.7,	29.0,	29.0,	0.0);	(406788.6,
3747648.8,	29.0,	29.0,	0.0);	
(406791.8, 3747641.0,	29.0,	29.0,	0.0);	(406795.1,
3747633.1,	29.0,	29.0,	0.0);	
(406798.3, 3747625.2,	29.0,	29.0,	0.0);	(406801.6,
3747617.4,	29.0,	29.0,	0.0);	
(406812.7, 3747606.3,	29.0,	29.0,	0.0);	(406820.6,
3747603.0,	29.0,	29.0,	0.0);	
(406828.4, 3747599.8,	29.0,	29.0,	0.0);	(406836.3,
3747596.5,	29.0,	29.0,	0.0);	
(406844.1, 3747593.3,	29.0,	29.0,	0.0);	(406852.0,
3747590.0,	29.0,	29.0,	0.0);	
(406859.8, 3747586.8,	29.0,	29.0,	0.0);	(406867.7,
3747583.5,	29.0,	29.0,	0.0);	
(406775.5, 3747680.2,	29.0,	29.0,	0.0);	(406775.5,
3747689.4,	29.0,	29.0,	0.0);	
(406775.5, 3747698.6,	29.0,	29.0,	0.0);	(406775.5,
3747707.8,	29.0,	29.0,	0.0);	
(406775.5, 3747717.0,	29.0,	29.0,	0.0);	(406775.5,
3747726.2,	29.0,	29.0,	0.0);	
(406775.5, 3747735.3,	29.0,	29.0,	0.0);	(406775.5,
3747744.5,	29.0,	29.0,	0.0);	
(406775.5, 3747753.7,	29.0,	29.0,	0.0);	(406775.5,
3747762.9,	29.0,	29.0,	0.0);	

(406775.5, 3747772.1,	29.0,	29.0,	0.0);	(406775.5,
3747781.3,	29.0,	29.0,	0.0);	
(406775.5, 3747790.5,	29.0,	29.0,	0.0);	(406875.5,
3747795.5,	29.0,	29.0,	0.0);	
(406884.7, 3747795.5,	29.0,	29.0,	0.0);	(406893.9,
3747795.5,	29.0,	29.0,	0.0);	
(406903.1, 3747795.5,	29.0,	29.0,	0.0);	(406912.2,
3747795.5,	29.0,	29.0,	0.0);	
(406921.4, 3747795.5,	29.0,	29.0,	0.0);	(406930.6,
3747795.5,	29.0,	29.0,	0.0);	
(406939.8, 3747795.5,	29.0,	29.0,	0.0);	(406949.0,
3747795.5,	29.0,	29.0,	0.0);	
(406958.2, 3747795.5,	29.0,	29.0,	0.0);	(406967.4,
3747795.5,	29.0,	29.0,	0.0);	
(406976.5, 3747795.5,	29.0,	29.0,	0.0);	(406985.7,
3747795.5,	29.0,	29.0,	0.0);	
(406875.5, 3747800.5,	29.0,	29.0,	0.0);	(406884.7,
3747800.5,	29.0,	29.0,	0.0);	
(406893.9, 3747800.5,	29.0,	29.0,	0.0);	(406903.1,
3747800.5,	29.0,	29.0,	0.0);	
(406912.2, 3747800.5,	29.0,	29.0,	0.0);	(406921.4,
3747800.5,	29.0,	29.0,	0.0);	
(406930.6, 3747800.5,	29.0,	29.0,	0.0);	(406939.8,
3747800.5,	29.0,	29.0,	0.0);	
(406949.0, 3747800.5,	29.0,	29.0,	0.0);	(406958.2,
3747800.5,	29.0,	29.0,	0.0);	

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406967.4, 3747800.5,	29.0,	29.0,	0.0);	(406976.5,
3747800.5,	29.0,	29.0,	0.0);	
(406985.7, 3747800.5,	29.0,	29.0,	0.0);	(406870.2,
3747803.3,	29.0,	29.0,	0.0);	
(406862.7, 3747795.8,	29.0,	29.0,	0.0);	(406875.5,
3747805.5,	29.0,	29.0,	0.0);	
(406884.7, 3747805.5,	29.0,	29.0,	0.0);	(406893.9,
3747805.5,	29.0,	29.0,	0.0);	
(406903.1, 3747805.5,	29.0,	29.0,	0.0);	(406912.2,
3747805.5,	29.0,	29.0,	0.0);	
(406921.4, 3747805.5,	29.0,	29.0,	0.0);	(406930.6,
3747805.5,	29.0,	29.0,	0.0);	
(406939.8, 3747805.5,	29.0,	29.0,	0.0);	(406949.0,
3747805.5,	29.0,	29.0,	0.0);	
(406958.2, 3747805.5,	29.0,	29.0,	0.0);	(406967.4,
3747805.5,	29.0,	29.0,	0.0);	
(406976.5, 3747805.5,	29.0,	29.0,	0.0);	(406985.7,
3747805.5,	29.0,	29.0,	0.0);	
(406868.4, 3747807.6,	29.0,	29.0,	0.0);	(406858.4,
3747797.6,	29.0,	29.0,	0.0);	
(406875.5, 3747810.5,	29.0,	29.0,	0.0);	(406884.7,
3747810.5,	29.0,	29.0,	0.0);	
(406893.9, 3747810.5,	29.0,	29.0,	0.0);	(406903.1,
3747810.5,	29.0,	29.0,	0.0);	
(406912.2, 3747810.5,	29.0,	29.0,	0.0);	(406921.4,
3747810.5,	29.0,	29.0,	0.0);	
(406930.6, 3747810.5,	29.0,	29.0,	0.0);	(406939.8,
3747810.5,	29.0,	29.0,	0.0);	

(406949.0, 3747810.5,	29.0,	29.0,	0.0);	(406958.2,
3747810.5,	29.0,	29.0,	0.0);	
(406967.4, 3747810.5,	29.0,	29.0,	0.0);	(406976.5,
3747810.5,	29.0,	29.0,	0.0);	
(406985.7, 3747810.5,	29.0,	29.0,	0.0);	(406869.6,
3747813.1,	29.0,	29.0,	0.0);	
(406863.7, 3747810.6,	29.0,	29.0,	0.0);	(406855.4,
3747802.3,	29.0,	29.0,	0.0);	
(406853.0, 3747796.4,	29.0,	29.0,	0.0);	(406875.5,
3747815.5,	29.0,	29.0,	0.0);	
(406884.7, 3747815.5,	29.0,	29.0,	0.0);	(406893.9,
3747815.5,	29.0,	29.0,	0.0);	
(406903.1, 3747815.5,	29.0,	29.0,	0.0);	(406912.2,
3747815.5,	29.0,	29.0,	0.0);	
(406921.4, 3747815.5,	29.0,	29.0,	0.0);	(406930.6,
3747815.5,	29.0,	29.0,	0.0);	
(406939.8, 3747815.5,	29.0,	29.0,	0.0);	(406949.0,
3747815.5,	29.0,	29.0,	0.0);	
(406958.2, 3747815.5,	29.0,	29.0,	0.0);	(406967.4,
3747815.5,	29.0,	29.0,	0.0);	
(406976.5, 3747815.5,	29.0,	29.0,	0.0);	(406985.7,
3747815.5,	29.0,	29.0,	0.0);	
(406868.4, 3747817.6,	29.0,	29.0,	0.0);	(406861.4,
3747814.6,	29.0,	29.0,	0.0);	
(406851.4, 3747804.6,	29.0,	29.0,	0.0);	(406848.4,
3747797.6,	29.0,	29.0,	0.0);	
(406875.5, 3747820.5,	29.0,	29.0,	0.0);	(406884.7,
3747820.5,	29.0,	29.0,	0.0);	
(406893.9, 3747820.5,	29.0,	29.0,	0.0);	(406903.1,
3747820.5,	29.0,	29.0,	0.0);	
(406912.2, 3747820.5,	29.0,	29.0,	0.0);	(406921.4,
3747820.5,	29.0,	29.0,	0.0);	
(406930.6, 3747820.5,	29.0,	29.0,	0.0);	(406939.8,
3747820.5,	29.0,	29.0,	0.0);	
(406949.0, 3747820.5,	29.0,	29.0,	0.0);	(406958.2,
3747820.5,	29.0,	29.0,	0.0);	
(406967.4, 3747820.5,	29.0,	29.0,	0.0);	(406976.5,
3747820.5,	29.0,	29.0,	0.0);	
(406985.7, 3747820.5,	29.0,	29.0,	0.0);	(406867.3,
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(406859.0, 3747818.7,	29.0,	29.0,	0.0);	(406847.3,
3747807.0,	29.0,	29.0,	0.0);	
(406843.9, 3747798.7,	29.0,	29.0,	0.0);	(406875.5,
3747825.5,	29.0,	29.0,	0.0);	
(406884.7, 3747825.5,	29.0,	29.0,	0.0);	(406893.9,
3747825.5,	29.0,	29.0,	0.0);	
(406903.1, 3747825.5,	29.0,	29.0,	0.0);	(406912.2,
3747825.5,	29.0,	29.0,	0.0);	
(406921.4, 3747825.5,	29.0,	29.0,	0.0);	(406930.6,
3747825.5,	29.0,	29.0,	0.0);	
(406939.8, 3747825.5,	29.0,	29.0,	0.0);	(406949.0,
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(406958.2, 3747825.5,	29.0,	29.0,	0.0);	(406967.4,
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(406976.5, 3747825.5,	29.0,	29.0,	0.0);	(406985.7,
3747825.5,	29.0,	29.0,	0.0);	
(406868.4, 3747827.6,	29.0,	29.0,	0.0);	(406861.4,
3747824.6,	29.0,	29.0,	0.0);	
(406854.3, 3747821.7,	29.0,	29.0,	0.0);	(406844.3,
3747811.7,	29.0,	29.0,	0.0);	
(406841.4, 3747804.6,	29.0,	29.0,	0.0);	(406838.4,
3747797.6,	29.0,	29.0,	0.0);	

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406875.5, 3747830.5,	29.0,	29.0,	0.0);	(406884.7,
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3747830.5,	29.0,	29.0,	0.0);	
(406912.2, 3747830.5,	29.0,	29.0,	0.0);	(406921.4,
3747830.5,	29.0,	29.0,	0.0);	
(406930.6, 3747830.5,	29.0,	29.0,	0.0);	(406939.8,
3747830.5,	29.0,	29.0,	0.0);	
(406949.0, 3747830.5,	29.0,	29.0,	0.0);	(406958.2,
3747830.5,	29.0,	29.0,	0.0);	
(406967.4, 3747830.5,	29.0,	29.0,	0.0);	(406976.5,
3747830.5,	29.0,	29.0,	0.0);	
(406985.7, 3747830.5,	29.0,	29.0,	0.0);	(406867.5,
3747832.2,	29.0,	29.0,	0.0);	
(406859.6, 3747828.9,	29.0,	29.0,	0.0);	(406851.6,
3747825.6,	29.0,	29.0,	0.0);	
(406840.4, 3747814.4,	29.0,	29.0,	0.0);	(406837.1,
3747806.4,	29.0,	29.0,	0.0);	
(406833.8, 3747798.4,	29.0,	29.0,	0.0);	(406875.5,
3747835.5,	29.0,	29.0,	0.0);	
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3747835.5,	29.0,	29.0,	0.0);	
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3747835.5,	29.0,	29.0,	0.0);	
(406921.4, 3747835.5,	29.0,	29.0,	0.0);	(406930.6,
3747835.5,	29.0,	29.0,	0.0);	
(406939.8, 3747835.5,	29.0,	29.0,	0.0);	(406949.0,
3747835.5,	29.0,	29.0,	0.0);	
(406958.2, 3747835.5,	29.0,	29.0,	0.0);	(406967.4,
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(406976.5, 3747835.5,	29.0,	29.0,	0.0);	(406985.7,
3747835.5,	29.0,	29.0,	0.0);	
(406868.4, 3747837.6,	29.0,	29.0,	0.0);	(406861.4,
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(406854.3, 3747831.7,	29.0,	29.0,	0.0);	(406847.2,
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(406831.4, 3747804.6,	29.0,	29.0,	0.0);	(406828.4,
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(406893.9, 3747840.5,	29.0,	29.0,	0.0);	(406903.1,
3747840.5,	29.0,	29.0,	0.0);	
(406912.2, 3747840.5,	29.0,	29.0,	0.0);	(406921.4,
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(406930.6, 3747840.5,	29.0,	29.0,	0.0);	(406939.8,
3747840.5,	29.0,	29.0,	0.0);	
(406949.0, 3747840.5,	29.0,	29.0,	0.0);	(406958.2,
3747840.5,	29.0,	29.0,	0.0);	
(406967.4, 3747840.5,	29.0,	29.0,	0.0);	(406976.5,
3747840.5,	29.0,	29.0,	0.0);	
(406985.7, 3747840.5,	29.0,	29.0,	0.0);	(406867.7,
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( 406967.4, 3747845.5, 29.0, 29.0, 0.0); ( 406976.5,
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3747835.8, 29.0, 29.0, 0.0);
( 406830.1, 3747825.8, 29.0, 29.0, 0.0); ( 406827.2,
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( 406818.4, 3747797.5, 29.0, 29.0, 0.0); ( 406875.5,
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( 406884.7, 3747850.5, 29.0, 29.0, 0.0); ( 406893.9,
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( 406903.1, 3747850.5, 29.0, 29.0, 0.0); ( 406912.2,
3747850.5, 29.0, 29.0, 0.0);
( 406921.4, 3747850.5, 29.0, 29.0, 0.0); ( 406930.6,
3747850.5, 29.0, 29.0, 0.0);

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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:39:57

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

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( 406958.2, 3747850.5, 29.0, 29.0, 0.0); ( 406967.4,
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( 406976.5, 3747850.5, 29.0, 29.0, 0.0); ( 406985.7,
3747850.5, 29.0, 29.0, 0.0);
( 406867.8, 3747852.3, 29.0, 29.0, 0.0); ( 406860.2,
3747849.1, 29.0, 29.0, 0.0);
( 406852.5, 3747846.0, 29.0, 29.0, 0.0); ( 406844.9,
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( 406837.2, 3747839.6, 29.0, 29.0, 0.0); ( 406826.4,
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( 406823.2, 3747821.1, 29.0, 29.0, 0.0); ( 406820.0,
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( 406816.8, 3747805.8, 29.0, 29.0, 0.0); ( 406813.7,
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( 406912.2, 3747855.5, 29.0, 29.0, 0.0); ( 406921.4,
3747855.5, 29.0, 29.0, 0.0);

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3747855.5,	29.0,	29.0,	0.0);	
(406985.7, 3747855.5,	29.0,	29.0,	0.0);	(406867.3,
3747857.1,	29.0,	29.0,	0.0);	
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3747850.2,	29.0,	29.0,	0.0);	
(406842.5, 3747846.8,	29.0,	29.0,	0.0);	(406834.2,
3747843.4,	29.0,	29.0,	0.0);	
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(406808.9, 3747798.7,	29.0,	29.0,	0.0);	(406875.5,
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(406884.7, 3747860.5,	29.0,	29.0,	0.0);	(406893.9,
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(406939.8, 3747860.5,	29.0,	29.0,	0.0);	(406949.0,
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(406958.2, 3747860.5,	29.0,	29.0,	0.0);	(406967.4,
3747860.5,	29.0,	29.0,	0.0);	
(406976.5, 3747860.5,	29.0,	29.0,	0.0);	(406985.7,
3747860.5,	29.0,	29.0,	0.0);	
(406867.9, 3747862.4,	29.0,	29.0,	0.0);	(406860.3,
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(406893.9, 3747865.5,	29.0,	29.0,	0.0);	(406903.1,
3747865.5,	29.0,	29.0,	0.0);	
(406912.2, 3747865.5,	29.0,	29.0,	0.0);	(406921.4,
3747865.5,	29.0,	29.0,	0.0);	
(406930.6, 3747865.5,	29.0,	29.0,	0.0);	(406939.8,
3747865.5,	29.0,	29.0,	0.0);	
(406949.0, 3747865.5,	29.0,	29.0,	0.0);	(406958.2,
3747865.5,	29.0,	29.0,	0.0);	
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(406985.7, 3747865.5,	29.0,	29.0,	0.0);	(406867.4,
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3747830.9,	29.0,	29.0,	0.0);	
(406808.9, 3747822.8,	29.0,	29.0,	0.0);	(406805.5,
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(406802.2, 3747806.6,	29.0,	29.0,	0.0);	(406798.9,
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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***      06/27/23
*** AERMET - VERSION 16216 ***
***      ***      15:39:57
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

```
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( 406949.0, 3747870.5,      29.0,      29.0,      0.0);      ( 406958.2,
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( 406860.5, 3747869.3,      29.0,      29.0,      0.0);      ( 406853.0,
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( 406845.5, 3747863.0,      29.0,      29.0,      0.0);      ( 406837.9,
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( 406830.4, 3747856.8,      29.0,      29.0,      0.0);      ( 406822.9,
3747853.7,      29.0,      29.0,      0.0);
( 406812.3, 3747843.1,      29.0,      29.0,      0.0);      ( 406809.2,
3747835.6,      29.0,      29.0,      0.0);
( 406806.1, 3747828.0,      29.0,      29.0,      0.0);      ( 406803.0,
3747820.5,      29.0,      29.0,      0.0);
( 406799.8, 3747813.0,      29.0,      29.0,      0.0);      ( 406796.7,
3747805.5,      29.0,      29.0,      0.0);
( 406793.6, 3747798.0,      29.0,      29.0,      0.0);      ( 406875.5,
3747875.5,      29.0,      29.0,      0.0);
( 406884.7, 3747875.5,      29.0,      29.0,      0.0);      ( 406893.9,
3747875.5,      29.0,      29.0,      0.0);
( 406903.1, 3747875.5,      29.0,      29.0,      0.0);      ( 406912.2,
3747875.5,      29.0,      29.0,      0.0);
( 406921.4, 3747875.5,      29.0,      29.0,      0.0);      ( 406930.6,
3747875.5,      29.0,      29.0,      0.0);
( 406939.8, 3747875.5,      29.0,      29.0,      0.0);      ( 406949.0,
3747875.5,      29.0,      29.0,      0.0);
( 406958.2, 3747875.5,      29.0,      29.0,      0.0);      ( 406967.4,
3747875.5,      29.0,      29.0,      0.0);
( 406976.5, 3747875.5,      29.0,      29.0,      0.0);      ( 406985.7,
3747875.5,      29.0,      29.0,      0.0);
( 406867.5, 3747877.2,      29.0,      29.0,      0.0);      ( 406859.6,
3747873.9,      29.0,      29.0,      0.0);
( 406843.7, 3747867.3,      29.0,      29.0,      0.0);      ( 406835.7,
3747864.0,      29.0,      29.0,      0.0);
( 406827.8, 3747860.7,      29.0,      29.0,      0.0);      ( 406819.8,
3747857.4,      29.0,      29.0,      0.0);
( 406808.6, 3747846.2,      29.0,      29.0,      0.0);      ( 406805.3,
3747838.2,      29.0,      29.0,      0.0);
( 406802.0, 3747830.3,      29.0,      29.0,      0.0);      ( 406798.7,
3747822.3,      29.0,      29.0,      0.0);
( 406795.4, 3747814.3,      29.0,      29.0,      0.0);      ( 406792.1,
3747806.4,      29.0,      29.0,      0.0);
( 406788.8, 3747798.4,      29.0,      29.0,      0.0);      ( 406875.5,
3747880.5,      29.0,      29.0,      0.0);
```

(406884.7, 3747880.5,	29.0,	29.0,	0.0);	(406893.9,
3747880.5,	29.0,	29.0,	0.0);	
(406903.1, 3747880.5,	29.0,	29.0,	0.0);	(406912.2,
3747880.5,	29.0,	29.0,	0.0);	
(406921.4, 3747880.5,	29.0,	29.0,	0.0);	(406930.6,
3747880.5,	29.0,	29.0,	0.0);	
(406939.8, 3747880.5,	29.0,	29.0,	0.0);	(406949.0,
3747880.5,	29.0,	29.0,	0.0);	
(406958.2, 3747880.5,	29.0,	29.0,	0.0);	(406967.4,
3747880.5,	29.0,	29.0,	0.0);	
(406976.5, 3747880.5,	29.0,	29.0,	0.0);	(406985.7,
3747880.5,	29.0,	29.0,	0.0);	
(406867.1, 3747882.0,	29.0,	29.0,	0.0);	(406858.7,
3747878.5,	29.0,	29.0,	0.0);	
(406850.3, 3747875.1,	29.0,	29.0,	0.0);	(406841.9,
3747871.6,	29.0,	29.0,	0.0);	
(406833.5, 3747868.1,	29.0,	29.0,	0.0);	(406825.1,
3747864.6,	29.0,	29.0,	0.0);	
(406816.7, 3747861.1,	29.0,	29.0,	0.0);	(406804.8,
3747849.3,	29.0,	29.0,	0.0);	
(406801.4, 3747840.9,	29.0,	29.0,	0.0);	(406797.9,
3747832.5,	29.0,	29.0,	0.0);	
(406794.4, 3747824.1,	29.0,	29.0,	0.0);	(406790.9,
3747815.7,	29.0,	29.0,	0.0);	
(406787.5, 3747807.3,	29.0,	29.0,	0.0);	(406784.0,
3747798.9,	29.0,	29.0,	0.0);	
(406875.5, 3747885.5,	29.0,	29.0,	0.0);	(406884.7,
3747885.5,	29.0,	29.0,	0.0);	
(406893.9, 3747885.5,	29.0,	29.0,	0.0);	(406903.1,
3747885.5,	29.0,	29.0,	0.0);	
(406912.2, 3747885.5,	29.0,	29.0,	0.0);	(406921.4,
3747885.5,	29.0,	29.0,	0.0);	
(406930.6, 3747885.5,	29.0,	29.0,	0.0);	(406939.8,
3747885.5,	29.0,	29.0,	0.0);	
(406949.0, 3747885.5,	29.0,	29.0,	0.0);	(406958.2,
3747885.5,	29.0,	29.0,	0.0);	
(406967.4, 3747885.5,	29.0,	29.0,	0.0);	(406976.5,
3747885.5,	29.0,	29.0,	0.0);	

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons 06/27/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406985.7, 3747885.5,	29.0,	29.0,	0.0);	(406867.6,
3747887.2,	29.0,	29.0,	0.0);	
(406859.8, 3747884.0,	29.0,	29.0,	0.0);	(406851.9,
3747880.7,	29.0,	29.0,	0.0);	
(406844.1, 3747877.5,	29.0,	29.0,	0.0);	(406836.2,
3747874.2,	29.0,	29.0,	0.0);	
(406828.4, 3747871.0,	29.0,	29.0,	0.0);	(406820.5,
3747867.7,	29.0,	29.0,	0.0);	
(406812.6, 3747864.4,	29.0,	29.0,	0.0);	(406801.5,
3747853.3,	29.0,	29.0,	0.0);	
(406798.3, 3747845.5,	29.0,	29.0,	0.0);	(406795.0,
3747837.6,	29.0,	29.0,	0.0);	
(406791.8, 3747829.8,	29.0,	29.0,	0.0);	(406788.5,
3747821.9,	29.0,	29.0,	0.0);	
(406785.3, 3747814.0,	29.0,	29.0,	0.0);	(406782.0,
3747806.2,	29.0,	29.0,	0.0);	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15:39:57

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

[illegible]

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

```

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
(METERS/SEC)

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PF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
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*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:

12 01 01 1 24 -3.6 0.087 -9.000 -9.000 -999. 62. 16.6 0.26 2.61 1.00 0.82
318. 10.1 283.8 2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				
406990.74	3747790.50	0.00973		406990.74	
3747781.32	0.01094				
406990.74	3747772.13	0.01214		406990.74	
3747762.94	0.01319				
406990.75	3747753.76	0.01387		406990.75	
3747744.57	0.01398				
406990.75	3747735.39	0.01332		406990.75	
3747726.20	0.01191				
406990.75	3747717.01	0.01011		406990.75	
3747707.83	0.00839				
406990.76	3747698.64	0.00693		406990.76	
3747689.46	0.00572				
406990.76	3747680.27	0.00471		406995.74	
3747790.50	0.00887				
406995.74	3747781.32	0.00982		406995.74	
3747772.13	0.01072				
406995.74	3747762.94	0.01146		406995.75	
3747753.76	0.01188				
406995.75	3747744.57	0.01185		406995.75	
3747735.39	0.01125				
406995.75	3747726.20	0.01014		406995.75	
3747717.02	0.00873				
406995.75	3747707.83	0.00735		406995.76	
3747698.64	0.00616				
406995.76	3747689.46	0.00515		406995.76	
3747680.27	0.00430				
406998.54	3747795.81	0.00793		406991.04	
3747803.30	0.00814				
407000.74	3747790.50	0.00806		407000.74	
3747781.32	0.00881				
407000.74	3747772.13	0.00948		407000.74	
3747762.95	0.00999				
407000.75	3747753.76	0.01022		407000.75	
3747744.57	0.01010				
407000.75	3747735.39	0.00957		407000.75	
3747726.20	0.00867				

```
PF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:39:57
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
407015.74	3747762.95	0.00675	407015.75	

3747753.76	0.00672		
407015.75	3747744.58	0.00651	407015.75
3747735.39	0.00614		
407015.75	3747726.20	0.00564	407015.75
3747717.02	0.00507		
407015.75	3747707.83	0.00449	407015.76
3747698.65	0.00395		
407015.76	3747689.46	0.00346	407015.76
3747680.28	0.00302		
407017.32	3747798.75	0.00555	407013.90
3747807.00	0.00550		
407002.24	3747818.67	0.00575	406993.99
3747822.08	0.00607		
407020.74	3747790.51	0.00549	407020.74
3747781.32	0.00574		
407020.74	3747772.13	0.00591	407020.74
3747762.95	0.00597		
407020.75	3747753.76	0.00590	407020.75
3747744.58	0.00570		
407020.75	3747735.39	0.00537	407020.75
3747726.21	0.00495		
407020.75	3747717.02	0.00448	407020.75
3747707.83	0.00401		
407020.76	3747698.65	0.00356	407020.76
3747689.46	0.00315		
407020.76	3747680.28	0.00277	407022.81
3747797.58	0.00508		
407019.88	3747804.65	0.00509	407016.95
3747811.72	0.00504		
407006.95	3747821.72	0.00524	406999.88
3747824.64	0.00551		
406992.81	3747827.57	0.00571	407025.74
3747790.51	0.00499		
407025.74	3747781.32	0.00517	407025.74
3747772.14	0.00528		
407025.74	3747762.95	0.00530	407025.75
3747753.76	0.00521		
407025.75	3747744.58	0.00502	407025.75
3747735.39	0.00473		
407025.75	3747726.21	0.00438	407025.75
3747717.02	0.00399		
407025.75	3747707.83	0.00360	407025.76
3747698.65	0.00323		
407025.76	3747689.46	0.00288	407025.76
3747680.28	0.00255		
407027.44	3747798.46	0.00465	407024.15
3747806.42	0.00469		
407020.85	3747814.37	0.00465	407009.60
3747825.62	0.00487		
407001.65	3747828.91	0.00513	406993.69
3747832.21	0.00532		
407030.74	3747790.51	0.00454	407030.74
3747781.32	0.00467		
407030.74	3747772.14	0.00474	407030.74
3747762.95	0.00472		
407030.75	3747753.76	0.00462	407030.75
3747744.58	0.00444		
407030.75	3747735.39	0.00419	407030.75
3747726.21	0.00390		
407030.75	3747717.02	0.00357	407030.75
3747707.84	0.00325		
407030.76	3747698.65	0.00293	407030.76
3747689.46	0.00264		
407030.76	3747680.28	0.00236	407032.81
3747797.58	0.00425		
407029.88	3747804.65	0.00432	407026.95

3747811.72	0.00433		
407024.02	3747818.79	0.00430	407014.02
3747828.79	0.00448		
407006.95	3747831.72	0.00470	406999.88
3747834.64	0.00488		
406992.81	3747837.57	0.00499	407035.74
3747790.51	0.00414		
407035.74	3747781.32	0.00423	407035.74
3747772.14	0.00426		
407035.74	3747762.95	0.00423	407035.75
3747753.77	0.00412		
407035.75	3747744.58	0.00396	407035.75
3747735.39	0.00374		

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
407035.75	3747726.21	0.00349	407035.75	
3747717.02	0.00322			
407035.75	3747707.84	0.00294	407035.76	
3747698.65	0.00268			
407035.76	3747689.46	0.00242	407035.76	
3747680.28	0.00218			
407037.52	3747798.29	0.00391	407034.29	
3747806.06	0.00399			
407031.07	3747813.84	0.00401	407027.85	
3747821.62	0.00399			
407016.85	3747832.62	0.00418	407009.07	
3747835.84	0.00440			
406993.52	3747842.28	0.00467	407040.74	
3747790.51	0.00378			
407040.74	3747781.32	0.00383	407040.74	
3747772.14	0.00384			
407040.74	3747762.95	0.00380	407040.75	
3747753.77	0.00370			
407040.75	3747744.58	0.00355	407040.75	
3747735.39	0.00336			
407040.75	3747726.21	0.00314	407040.75	
3747717.02	0.00291			
407040.75	3747707.84	0.00268	407040.76	
3747698.65	0.00245			
407040.76	3747689.47	0.00223	407040.76	
3747680.28	0.00202			
407042.22	3747798.99	0.00360	407038.71	
3747807.48	0.00369			
407035.19	3747815.96	0.00373	407031.68	
3747824.45	0.00371			
407019.68	3747836.44	0.00391	407011.19	
3747839.96	0.00412			

407002.71	3747843.47	0.00428	406994.22
3747846.99	0.00437		
407045.74	3747790.51	0.00345	407045.74
3747781.33	0.00349		
407045.74	3747772.14	0.00348	407045.74
3747762.95	0.00342		
407045.75	3747753.77	0.00333	407045.75
3747744.58	0.00319		
407045.75	3747735.40	0.00303	407045.75
3747726.21	0.00284		
407045.75	3747717.02	0.00264	407045.75
3747707.84	0.00245		
407045.76	3747698.65	0.00225	407045.76
3747689.47	0.00206		
407045.76	3747680.28	0.00188	407047.57
3747798.17	0.00329		
407044.39	3747805.83	0.00339	407041.22
3747813.49	0.00345		
407038.05	3747821.15	0.00347	407034.87
3747828.81	0.00346		
407024.04	3747839.64	0.00362	407016.38
3747842.81	0.00381		
407008.72	3747845.98	0.00396	407001.06
3747849.16	0.00406		
406993.40	3747852.33	0.00411	407050.74
3747790.51	0.00316		
407050.74	3747781.33	0.00318	407050.74
3747772.14	0.00316		
407050.74	3747762.95	0.00310	407050.75
3747753.77	0.00301		
407050.75	3747744.58	0.00289	407050.75
3747735.40	0.00274		
407050.75	3747726.21	0.00258	407050.75
3747717.03	0.00241		
407050.75	3747707.84	0.00224	407050.76
3747698.65	0.00207		
407050.76	3747689.47	0.00191	407050.76
3747680.28	0.00175		
407052.32	3747798.76	0.00304	407048.90
3747807.01	0.00314		
407045.49	3747815.26	0.00321	407042.07
3747823.51	0.00324		
407038.65	3747831.75	0.00323	407026.98
3747843.42	0.00340		
407018.74	3747846.83	0.00358	407010.49
3747850.25	0.00372		
407002.24	3747853.67	0.00382	406993.99
3747857.08	0.00385		

FF

*** AERMOD - VERSION 22112 ***

GP\14635 Cons

06/27/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** 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		
407055.74	3747790.51	0.00290	407055.74
3747781.33	0.00290		
407055.74	3747772.14	0.00287	407055.74
3747762.96	0.00282		
407055.75	3747753.77	0.00273	407055.75
3747744.58	0.00262		
407055.75	3747735.40	0.00249	407055.75
3747726.21	0.00235		
407055.75	3747717.03	0.00221	407055.75
3747707.84	0.00206		
407055.76	3747698.65	0.00192	407055.76
3747689.47	0.00177		
407055.76	3747680.28	0.00163	407057.60
3747798.09	0.00279		
407054.46	3747805.66	0.00289	407051.32
3747813.24	0.00297		
407048.18	3747820.81	0.00301	407045.05
3747828.39	0.00303		
407041.91	3747835.96	0.00302	407031.19
3747846.68	0.00317		
407023.62	3747849.81	0.00333	407016.04
3747852.95	0.00346		
407008.47	3747856.09	0.00355	407000.89
3747859.23	0.00361		
406993.32	3747862.36	0.00362	407060.74
3747790.51	0.00266		
407060.74	3747781.33	0.00265	407060.74
3747772.14	0.00262		
407060.74	3747762.96	0.00257	407060.75
3747753.77	0.00249		
407060.75	3747744.58	0.00239	407060.75
3747735.40	0.00228		
407060.75	3747726.21	0.00216	407060.75
3747717.03	0.00203		
407060.75	3747707.84	0.00190	407060.76
3747698.66	0.00178		
407060.76	3747689.47	0.00165	407060.76
3747680.28	0.00152		
407062.39	3747798.59	0.00258	407059.04
3747806.67	0.00268		
407055.70	3747814.75	0.00277	407052.35
3747822.83	0.00282		
407049.00	3747830.91	0.00284	407045.65
3747838.99	0.00284		
407034.22	3747850.42	0.00298	407026.14
3747853.77	0.00314		
407009.98	3747860.46	0.00335	407001.90
3747863.81	0.00340		
406993.82	3747867.15	0.00340	407065.74
3747790.51	0.00245		
407065.74	3747781.33	0.00244	407065.74
3747772.14	0.00240		
407065.74	3747762.96	0.00235	407065.75
3747753.77	0.00227		
407065.75	3747744.59	0.00219	407065.75
3747735.40	0.00209		
407065.75	3747726.21	0.00198	407065.75
3747717.03	0.00187		
407065.75	3747707.84	0.00176	407065.76
3747698.66	0.00165		
407065.76	3747689.47	0.00154	407065.76
3747680.28	0.00142		
407067.63	3747798.03	0.00237	407064.51

3747805.54	0.00247		
407061.40	3747813.05	0.00255	407058.29
3747820.56	0.00261		
407055.18	3747828.07	0.00265	407052.06
3747835.59	0.00267		
407048.95	3747843.10	0.00266	407038.33
3747853.72	0.00279		
407030.81	3747856.83	0.00293	407023.30
3747859.94	0.00304		
407015.79	3747863.05	0.00313	407008.28
3747866.17	0.00319		
407000.76	3747869.28	0.00321	406993.25
3747872.39	0.00320		
407070.74	3747790.52	0.00226	407070.74
3747781.33	0.00224		
407070.74	3747772.14	0.00220	407070.74
3747762.96	0.00215		

*** AERMOD - VERSION 22112 ***
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M) Y-COORD (M)		CONC	X-COORD (M) Y-COORD
(M)	CONC		
407070.75	3747753.77	0.00209	407070.75
3747744.59	0.00201		
407070.75	3747735.40	0.00192	407070.75
3747726.21	0.00183		
407070.75	3747717.03	0.00173	407070.75
3747707.84	0.00163		
407070.76	3747698.66	0.00153	407070.76
3747689.47	0.00143		
407070.76	3747680.29	0.00133	407072.44
3747798.47	0.00220		
407069.15	3747806.42	0.00230	407065.85
3747814.38	0.00239		
407062.56	3747822.33	0.00245	407059.26
3747830.28	0.00249		
407055.97	3747838.24	0.00251	407052.67
3747846.19	0.00251		
407041.42	3747857.44	0.00263	407033.47
3747860.73	0.00277		
407025.51	3747864.03	0.00288	407017.56
3747867.32	0.00297		
407001.65	3747873.91	0.00304	406993.69
3747877.21	0.00302		
407075.74	3747790.52	0.00209	407075.74
3747781.33	0.00206		
407075.74	3747772.14	0.00203	407075.74
3747762.96	0.00198		
407075.75	3747753.77	0.00192	407075.75
3747744.59	0.00185		

407075.75	3747735.40	0.00177	407075.75
3747726.22	0.00169		
407075.75	3747717.03	0.00161	407075.75
3747707.84	0.00152		
407075.76	3747698.66	0.00143	407075.76
3747689.47	0.00134		
407075.76	3747680.29	0.00125	407077.26
3747798.91	0.00204		
407073.78	3747807.31	0.00214	407070.30
3747815.70	0.00223		
407066.82	3747824.10	0.00230	407063.35
3747832.49	0.00234		
407059.87	3747840.89	0.00237	407056.39
3747849.29	0.00237		
407044.51	3747861.16	0.00249	407036.12
3747864.64	0.00262		
407027.72	3747868.11	0.00273	407019.32
3747871.59	0.00281		
407010.93	3747875.07	0.00286	407002.53
3747878.55	0.00287		
406994.14	3747882.02	0.00285	407080.74
3747790.52	0.00193		
407080.74	3747781.33	0.00191	407080.74
3747772.15	0.00187		
407080.74	3747762.96	0.00183	407080.75
3747753.77	0.00177		
407080.75	3747744.59	0.00171	407080.75
3747735.40	0.00164		
407080.75	3747726.22	0.00157	407080.75
3747717.03	0.00149		
407080.75	3747707.84	0.00142	407080.76
3747698.66	0.00134		
407080.76	3747689.47	0.00126	407080.76
3747680.29	0.00118		
407082.48	3747798.37	0.00189	407079.23
3747806.23	0.00198		
407075.97	3747814.08	0.00206	407072.72
3747821.94	0.00213		
407069.46	3747829.80	0.00218	407066.21
3747837.65	0.00222		
407062.95	3747845.51	0.00223	407059.70
3747853.36	0.00223		
407048.59	3747864.47	0.00234	407040.73
3747867.72	0.00246		
407032.88	3747870.98	0.00256	407025.02
3747874.23	0.00264		
407017.16	3747877.49	0.00269	407009.31
3747880.74	0.00272		
407001.45	3747883.99	0.00272	406993.60
3747887.25	0.00268		
407085.74	3747790.52	0.00179	407085.74
3747781.33	0.00177		

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM
MICROGRAMS/M**3

IN

**

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
407085.74	3747772.15	0.00173	407085.74	
3747762.96	0.00169			
407085.75	3747753.77	0.00164	407085.75	
3747744.59	0.00158			
407085.75	3747735.40	0.00152	407085.75	
3747726.22	0.00146			
407085.75	3747717.03	0.00139	407085.75	
3747707.85	0.00132			
407085.76	3747698.66	0.00125	407085.76	
3747689.47	0.00118			
407085.76	3747680.29	0.00111	406985.76	
3747675.27	0.00460			
406976.58	3747675.27	0.00536	406967.39	
3747675.27	0.00617			
406958.21	3747675.27	0.00698	406949.02	
3747675.27	0.00767			
406939.84	3747675.27	0.00812	406930.66	
3747675.27	0.00825			
406921.47	3747675.27	0.00803	406912.29	
3747675.27	0.00749			
406903.10	3747675.27	0.00673	406893.92	
3747675.27	0.00587			
406884.73	3747675.27	0.00503	406875.55	
3747675.27	0.00426			
406985.76	3747670.27	0.00411	406976.58	
3747670.27	0.00471			
406967.39	3747670.27	0.00535	406958.21	
3747670.27	0.00595			
406949.02	3747670.27	0.00646	406939.84	
3747670.27	0.00678			
406930.66	3747670.27	0.00687	406921.47	
3747670.27	0.00671			
406912.29	3747670.27	0.00631	406903.10	
3747670.27	0.00574			
406893.92	3747670.27	0.00508	406884.73	
3747670.27	0.00442			
406875.55	3747670.27	0.00381	406991.06	
3747667.47	0.00357			
406998.56	3747674.97	0.00369	406985.76	
3747665.27	0.00367			
406976.58	3747665.27	0.00415	406967.39	
3747665.27	0.00465			
406958.21	3747665.27	0.00511	406949.02	
3747665.27	0.00549			
406939.84	3747665.27	0.00573	406930.66	
3747665.27	0.00579			
406921.47	3747665.27	0.00566	406912.29	
3747665.27	0.00536			
406903.10	3747665.27	0.00492	406893.92	
3747665.27	0.00442			
406884.73	3747665.27	0.00390	406875.55	
3747665.27	0.00340			
406992.83	3747663.20	0.00318	407002.83	
3747673.20	0.00333			
406985.76	3747660.27	0.00328	406976.58	
3747660.27	0.00367			
406967.39	3747660.27	0.00406	406958.21	
3747660.27	0.00442			
406949.02	3747660.27	0.00470	406939.84	

3747660.27	0.00488		
406930.66	3747660.27	0.00492	406921.47
3747660.27	0.00482		
406912.29	3747660.27	0.00459	406903.10
3747660.27	0.00425		
406893.92	3747660.27	0.00386	406884.73
3747660.27	0.00345		
406875.55	3747660.27	0.00305	406991.65
3747657.71	0.00289		
406997.55	3747660.15	0.00281	407005.88
3747668.49	0.00291		
407008.32	3747674.38	0.00311	406985.76
3747655.27	0.00294		
406976.58	3747655.27	0.00326	406967.39
3747655.27	0.00357		
406958.21	3747655.27	0.00384	406949.02
3747655.27	0.00406		
406939.84	3747655.27	0.00420	406930.66
3747655.27	0.00422		
406921.47	3747655.27	0.00414	406912.29
3747655.27	0.00396		

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC	X-COORD (M)		Y-COORD
(M)	CONC						
406903.10	3747655.27	0.00370		406893.92			
3747655.27	0.00339						
406884.73	3747655.27	0.00306		406875.55			
3747655.27	0.00273						
406992.83	3747653.20	0.00260		406999.90			
3747656.13	0.00253						
407009.90	3747666.13	0.00264		407012.83			
3747673.20	0.00283						
406985.76	3747650.27	0.00265		406976.58			
3747650.27	0.00290						
406967.39	3747650.27	0.00315		406958.21			
3747650.27	0.00337						
406949.02	3747650.27	0.00353		406939.84			
3747650.27	0.00364						
406930.66	3747650.27	0.00366		406921.47			
3747650.27	0.00359						
406912.29	3747650.27	0.00345		406903.10			
3747650.27	0.00324						
406893.92	3747650.27	0.00299		406884.73			
3747650.27	0.00273						
406875.55	3747650.27	0.00246		406994.01			
3747648.69	0.00235						
407002.26	3747652.11	0.00228		407013.93			
3747663.77	0.00240						

407017.34	3747672.03	0.00259	406985.76
3747645.27	0.00239		
406976.58	3747645.27	0.00259	406967.39
3747645.27	0.00279		
406958.21	3747645.27	0.00296	406949.02
3747645.27	0.00310		
406939.84	3747645.27	0.00317	406930.66
3747645.27	0.00319		
406921.47	3747645.27	0.00313	406912.29
3747645.27	0.00302		
406903.10	3747645.27	0.00285	406893.92
3747645.27	0.00266		
406884.73	3747645.27	0.00244	406875.55
3747645.27	0.00222		
406992.83	3747643.20	0.00214	406999.90
3747646.13	0.00210		
407006.98	3747649.06	0.00205	407016.98
3747659.06	0.00213		
407019.90	3747666.13	0.00229	407022.83
3747673.21	0.00243		
406985.76	3747640.27	0.00216	406976.58
3747640.27	0.00233		
406967.39	3747640.27	0.00249	406958.21
3747640.27	0.00262		
406949.02	3747640.27	0.00273	406939.84
3747640.27	0.00279		
406930.66	3747640.27	0.00280	406921.47
3747640.27	0.00276		
406912.29	3747640.27	0.00266	406903.10
3747640.27	0.00253		
406893.92	3747640.27	0.00237	406884.73
3747640.27	0.00219		
406875.55	3747640.27	0.00200	406993.72
3747638.57	0.00194		
407001.67	3747641.86	0.00191	407009.63
3747645.16	0.00186		
407020.88	3747656.41	0.00195	407024.17
3747664.37	0.00210		
407027.47	3747672.32	0.00224	406985.76
3747635.27	0.00195		
406976.58	3747635.27	0.00209	406967.39
3747635.27	0.00223		
406958.21	3747635.27	0.00234	406949.02
3747635.27	0.00242		
406939.84	3747635.27	0.00247	406930.66
3747635.27	0.00247		
406921.47	3747635.27	0.00244	406912.29
3747635.27	0.00236		
406903.10	3747635.27	0.00225	406893.92
3747635.27	0.00212		
406884.73	3747635.27	0.00197	406875.55
3747635.27	0.00182		
406992.83	3747633.20	0.00177	406999.90
3747636.13	0.00176		
407006.98	3747639.06	0.00173	407014.05
3747641.99	0.00169		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN			**
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD	

407024.05	3747651.99	0.00176		407026.98		
3747659.06	0.00188					
407029.90	3747666.13	0.00199		407032.83		
3747673.21	0.00209					
406985.76	3747630.27	0.00178		406976.58		
3747630.27	0.00189					
406967.39	3747630.27	0.00200		406958.21		
3747630.27	0.00209					
406949.02	3747630.27	0.00216		406939.84		
3747630.27	0.00219					
406930.66	3747630.27	0.00220		406921.47		
3747630.27	0.00217					
406912.29	3747630.27	0.00211		406903.10		
3747630.27	0.00202					
406893.92	3747630.27	0.00191		406884.73		
3747630.27	0.00178					
406875.55	3747630.27	0.00165		406993.54		
3747628.49	0.00162					
407001.32	3747631.72	0.00161		407009.10		
3747634.94	0.00158					
407016.88	3747638.16	0.00155		407027.88		
3747649.16	0.00162					
407031.10	3747656.94	0.00173		407034.32		
3747664.72	0.00184					
407037.54	3747672.50	0.00194		406985.76		
3747625.27	0.00162					
406976.58	3747625.27	0.00172		406967.39		
3747625.27	0.00180					
406958.21	3747625.27	0.00188		406949.02		
3747625.27	0.00193					
406939.84	3747625.27	0.00196		406930.66		
3747625.27	0.00197					
406921.47	3747625.27	0.00194		406912.29		
3747625.27	0.00189					
406903.10	3747625.27	0.00181		406893.92		
3747625.27	0.00172					
406884.73	3747625.27	0.00162		406875.55		
3747625.27	0.00151					
406992.83	3747623.20	0.00148		406999.90		
3747626.13	0.00148					
407006.98	3747629.06	0.00147		407014.05		
3747631.99	0.00144					
407021.12	3747634.92	0.00141		407031.12		
3747644.92	0.00147					
407034.05	3747651.99	0.00156		407036.98		
3747659.06	0.00165					
407039.90	3747666.14	0.00174		407042.83		
3747673.21	0.00181					
406985.76	3747620.27	0.00148		406976.58		
3747620.27	0.00156					
406967.39	3747620.27	0.00163		406958.21		
3747620.27	0.00170					
406949.02	3747620.27	0.00174		406939.84		
3747620.27	0.00176					
406930.66	3747620.27	0.00177		406921.47		


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GP\14635 Cons      06/27/23  
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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
    INCLUDING SOURCE(S): VOL1

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406903.10	3747615.27	0.00149	406893.92	
3747615.27	0.00142			
406884.73	3747615.27	0.00135	406875.55	
3747615.27	0.00127			
406994.01	3747613.69	0.00125	407002.26	
3747617.11	0.00125			
407010.51	3747620.52	0.00125	407018.76	
3747623.94	0.00123			
407027.01	3747627.36	0.00120	407038.68	
3747639.03	0.00126			
407042.09	3747647.28	0.00134	407045.51	
3747655.53	0.00143			
407048.93	3747663.78	0.00151	407052.34	
3747672.03	0.00157			
406985.76	3747610.27	0.00124	406976.58	
3747610.27	0.00130			
406967.39	3747610.27	0.00135	406958.21	
3747610.27	0.00140			
406949.02	3747610.27	0.00143	406939.84	
3747610.27	0.00144			

406930.66	3747610.27	0.00144	406921.47
3747610.27	0.00143		
406912.29	3747610.27	0.00140	406903.10
3747610.27	0.00135		
406893.92	3747610.27	0.00130	406884.73
3747610.27	0.00123		
406875.55	3747610.27	0.00116	406993.34
3747608.41	0.00116		
407000.91	3747611.55	0.00116	407008.49
3747614.69	0.00116		
407016.07	3747617.83	0.00115	407023.64
3747620.96	0.00113		
407031.22	3747624.10	0.00111	407041.94
3747634.82	0.00115		
407045.07	3747642.40	0.00123	407048.21
3747649.97	0.00130		
407051.35	3747657.55	0.00136	407054.49
3747665.13	0.00143		
407057.62	3747672.71	0.00148	406985.76
3747605.27	0.00114		
406976.58	3747605.27	0.00119	406967.39
3747605.27	0.00124		
406958.21	3747605.27	0.00127	406949.02
3747605.27	0.00130		
406939.84	3747605.27	0.00131	406930.66
3747605.27	0.00131		
406921.47	3747605.27	0.00130	406912.29
3747605.27	0.00127		
406903.10	3747605.27	0.00123	406893.92
3747605.27	0.00119		
406884.73	3747605.27	0.00113	406875.55
3747605.27	0.00107		
406993.84	3747603.62	0.00107	407001.92
3747606.97	0.00107		
407010.01	3747610.31	0.00107	407026.17
3747617.01	0.00105		
407034.25	3747620.36	0.00103	407045.68
3747631.79	0.00107		
407049.03	3747639.87	0.00114	407052.37
3747647.95	0.00121		
407055.72	3747656.04	0.00128	407059.07
3747664.12	0.00133		
407062.41	3747672.20	0.00138	406985.76
3747600.27	0.00106		
406976.58	3747600.27	0.00110	406967.39
3747600.27	0.00114		
406958.21	3747600.27	0.00117	406949.02
3747600.27	0.00119		
406939.84	3747600.27	0.00120	406930.66
3747600.27	0.00120		
406921.47	3747600.27	0.00119	406912.29
3747600.27	0.00116		
406903.10	3747600.27	0.00113	406893.92
3747600.27	0.00109		
406884.73	3747600.27	0.00104	406875.55
3747600.27	0.00099		
406993.27	3747598.38	0.00099	407000.79
3747601.50	0.00100		
407008.30	3747604.61	0.00100	407015.81
3747607.72	0.00099		

*** AERMOD - VERSION 22112 ***
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

*** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park

15:39:57

*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN			**
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD	
(M)	CONC					

407023.33	3747610.83	0.00098		407030.84		
3747613.95	0.00097					
407038.36	3747617.06	0.00095		407048.98		
3747627.69	0.00099					
407052.09	3747635.20	0.00105		407055.20		
3747642.71	0.00111					
407058.31	3747650.23	0.00117		407061.43		
3747657.74	0.00122					
407064.54	3747665.26	0.00126		407067.65		
3747672.77	0.00130					
406985.76	3747595.27	0.00098		406976.58		
3747595.27	0.00101					
406967.39	3747595.27	0.00105		406958.21		
3747595.27	0.00107					
406949.02	3747595.27	0.00109		406939.84		
3747595.27	0.00110					
406930.66	3747595.27	0.00110		406921.47		
3747595.27	0.00109					
406912.29	3747595.27	0.00107		406903.10		
3747595.27	0.00104					
406893.92	3747595.27	0.00100		406884.73		
3747595.27	0.00096					
406875.55	3747595.27	0.00092		406993.72		
3747593.57	0.00092					
407001.67	3747596.86	0.00092		407017.58		
3747603.45	0.00092					
407025.54	3747606.75	0.00092		407033.49		
3747610.04	0.00090					
407041.45	3747613.34	0.00089		407052.70		
3747624.59	0.00093					
407055.99	3747632.55	0.00098		407059.29		
3747640.50	0.00104					
407062.58	3747648.46	0.00109		407065.88		
3747656.42	0.00114					
407069.17	3747664.37	0.00119		407072.47		
3747672.33	0.00122					
406985.76	3747590.27	0.00090		406976.58		
3747590.27	0.00094					
406967.39	3747590.27	0.00096		406958.21		
3747590.27	0.00099					
406949.02	3747590.27	0.00100		406939.84		
3747590.27	0.00101					
406930.66	3747590.27	0.00101		406921.47		
3747590.27	0.00100					
406912.29	3747590.27	0.00098		406903.10		
3747590.27	0.00096					
406893.92	3747590.27	0.00093		406884.73		
3747590.27	0.00089					
406875.55	3747590.27	0.00085		406994.16		
3747588.75	0.00085					
407002.56	3747592.23	0.00086		407010.95		

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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***          06/27/23
*** AERMET - VERSION 16216 ***
***                                     *** 15:39:57

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
407025.05	3747596.55	0.00080	407032.90	
3747599.80	0.00080			
407040.76	3747603.06	0.00079	407048.62	
3747606.31	0.00077			
407059.73	3747617.42	0.00081	407062.98	
3747625.28	0.00085			
407066.24	3747633.14	0.00090	407069.49	
3747641.00	0.00095			
407072.75	3747648.86	0.00099	407076.00	
3747656.71	0.00103			
407079.25	3747664.57	0.00106	407082.51	
3747672.43	0.00109			
406985.76	3747580.27	0.00078	406976.58	
3747580.27	0.00081			
406967.39	3747580.27	0.00083	406958.21	
3747580.27	0.00084			

406949.02	3747580.27	0.00085	406939.84
3747580.27	0.00086		
406930.66	3747580.27	0.00086	406921.47
3747580.27	0.00085		
406912.29	3747580.27	0.00084	406903.10
3747580.27	0.00082		
406893.92	3747580.27	0.00079	406884.73
3747580.27	0.00077		
406875.55	3747580.27	0.00074	406870.55
3747680.27	0.00433		
406870.55	3747689.45	0.00522	406870.54
3747698.64	0.00622		
406870.54	3747707.83	0.00726	406870.54
3747717.01	0.00821		
406870.53	3747726.20	0.00891	406870.53
3747735.38	0.00921		
406870.53	3747744.57	0.00907	406870.52
3747753.75	0.00854		
406870.52	3747762.94	0.00775	406870.52
3747772.13	0.00686		
406870.51	3747781.31	0.00598	406870.51
3747790.50	0.00516		
406865.55	3747680.27	0.00392	406865.55
3747689.45	0.00466		
406865.54	3747698.64	0.00547	406865.54
3747707.82	0.00628		
406865.54	3747717.01	0.00701	406865.53
3747726.20	0.00753		
406865.53	3747735.38	0.00776	406865.53
3747744.57	0.00766		
406865.52	3747753.75	0.00726	406865.52
3747762.94	0.00665		
406865.52	3747772.12	0.00595	406865.51
3747781.31	0.00523		
406865.51	3747790.50	0.00455	406862.75
3747674.96	0.00336		
406870.25	3747667.47	0.00329	406860.55
3747680.26	0.00356		
406860.55	3747689.45	0.00417	406860.54
3747698.64	0.00482		
406860.54	3747707.82	0.00547	406860.54
3747717.01	0.00603		
406860.53	3747726.19	0.00643	406860.53
3747735.38	0.00661		
406860.53	3747744.57	0.00653	406860.52
3747753.75	0.00623		
406860.52	3747762.94	0.00576	406860.52
3747772.12	0.00520		
406860.51	3747781.31	0.00461	406860.51
3747790.49	0.00404		
406858.48	3747673.19	0.00302	406868.48
3747663.20	0.00293		
406855.55	3747680.26	0.00323	406855.55
3747689.45	0.00374		
406855.54	3747698.63	0.00428	406855.54
3747707.82	0.00479		
406855.54	3747717.01	0.00524	406855.53
3747726.19	0.00555		
406855.53	3747735.38	0.00568	406855.53
3747744.56	0.00562		
406855.52	3747753.75	0.00539	406855.52
3747762.94	0.00502		
406855.52	3747772.12	0.00457	406855.51
3747781.31	0.00409		

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
				**	
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				
406855.51	3747790.49	0.00362		406852.99	
3747674.37	0.00280				
406855.43	3747668.48	0.00264		406863.77	
3747660.15	0.00257				
406869.66	3747657.71	0.00266		406850.55	
3747680.26	0.00294				
406850.55	3747689.45	0.00337		406850.54	
3747698.63	0.00381				
406850.54	3747707.82	0.00423		406850.54	
3747717.00	0.00458				
406850.53	3747726.19	0.00482		406850.53	
3747735.38	0.00493				
406850.53	3747744.56	0.00489		406850.52	
3747753.75	0.00470				
406850.52	3747762.93	0.00440		406850.52	
3747772.12	0.00404				
406850.51	3747781.31	0.00364		406850.51	
3747790.49	0.00325				
406848.48	3747673.19	0.00254		406851.41	
3747666.12	0.00238				
406861.41	3747656.13	0.00231		406868.48	
3747653.20	0.00239				
406845.55	3747680.26	0.00268		406845.55	
3747689.44	0.00305				
406845.54	3747698.63	0.00341		406845.54	
3747707.82	0.00375				
406845.54	3747717.00	0.00403		406845.53	
3747726.19	0.00423				
406845.53	3747735.37	0.00431		406845.53	
3747744.56	0.00428				
406845.52	3747753.75	0.00413		406845.52	
3747762.93	0.00389				
406845.52	3747772.12	0.00359		406845.51	
3747781.30	0.00326				
406845.51	3747790.49	0.00293		406843.97	
3747672.01	0.00231				
406847.39	3747663.76	0.00215		406859.05	
3747652.10	0.00208				
406867.30	3747648.69	0.00216		406840.55	
3747680.26	0.00245				
406840.55	3747689.44	0.00276		406840.54	
3747698.63	0.00306				
406840.54	3747707.81	0.00334		406840.54	
3747717.00	0.00357				
406840.53	3747726.19	0.00373		406840.53	
3747735.37	0.00380				
406840.53	3747744.56	0.00377		406840.52	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***
***      15.39.57

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406830.54	3747707.81	0.00270	406830.54	
3747717.00	0.00286			
406830.53	3747726.18	0.00296	406830.53	
3747735.37	0.00301			
406830.53	3747744.55	0.00299	406830.52	
3747753.74	0.00291			
406830.52	3747762.93	0.00278	406830.52	
3747772.11	0.00261			
406830.51	3747781.30	0.00241	406830.51	
3747790.48	0.00221			
406828.48	3747673.18	0.00184	406831.41	
3747666.11	0.00175			

406834.34	3747659.05	0.00166	406837.27
3747651.98	0.00156		
406847.27	3747641.98	0.00152	406854.34
3747639.05	0.00157		
406861.41	3747636.13	0.00161	406868.48
3747633.20	0.00164		
406825.55	3747680.25	0.00190	406825.55
3747689.44	0.00209		
406825.54	3747698.62	0.00228	406825.54
3747707.81	0.00244		
406825.54	3747717.00	0.00257	406825.53
3747726.18	0.00266		
406825.53	3747735.37	0.00270	406825.53
3747744.55	0.00268		
406825.52	3747753.74	0.00262	406825.52
3747762.92	0.00251		
406825.52	3747772.11	0.00236	406825.51
3747781.30	0.00220		
406825.51	3747790.48	0.00202	406823.77
3747672.47	0.00169		
406827.00	3747664.70	0.00162	406830.22
3747656.92	0.00153		
406833.44	3747649.15	0.00143	406844.44
3747638.15	0.00139		
406852.22	3747634.93	0.00143	406860.00
3747631.71	0.00147		
406867.77	3747628.49	0.00149	406820.55
3747680.25	0.00175		
406820.55	3747689.44	0.00192	406820.54
3747698.62	0.00208		
406820.54	3747707.81	0.00222	406820.54
3747716.99	0.00233		
406820.53	3747726.18	0.00240	406820.53
3747735.37	0.00243		
406820.53	3747744.55	0.00242	406820.52
3747753.74	0.00237		
406820.52	3747762.92	0.00227	406820.52
3747772.11	0.00215		
406820.51	3747781.29	0.00201	406820.51
3747790.48	0.00186		
406819.07	3747671.77	0.00157	406822.58
3747663.28	0.00149		
406826.10	3747654.80	0.00141	406829.62
3747646.32	0.00131		
406841.62	3747634.32	0.00127	406850.10
3747630.81	0.00131		
406858.58	3747627.30	0.00135	406867.07
3747623.78	0.00137		
406815.55	3747680.25	0.00162	406815.55
3747689.43	0.00177		
406815.54	3747698.62	0.00190	406815.54
3747707.81	0.00202		
406815.54	3747716.99	0.00212	406815.53
3747726.18	0.00218		
406815.53	3747735.36	0.00221	406815.53
3747744.55	0.00219		
406815.52	3747753.73	0.00215	406815.52
3747762.92	0.00207		
406815.52	3747772.11	0.00196	406815.51
3747781.29	0.00184		
406815.51	3747790.48	0.00171	406813.72
3747672.59	0.00146		
406816.90	3747664.93	0.00141	406820.07
3747657.27	0.00134		
406823.25	3747649.62	0.00127	406826.42
3747641.96	0.00119		

406837.26 3747631.13 0.00116 406844.91
3747627.96 0.00119

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:39:57

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406852.57	3747624.78	0.00122	406860.23	
3747621.61	0.00125			
406867.89	3747618.44	0.00126	406810.55	
3747680.25	0.00150			
406810.55	3747689.43	0.00163	406810.54	
3747698.62	0.00175			
406810.54	3747707.80	0.00185	406810.54	
3747716.99	0.00193			
406810.53	3747726.18	0.00198	406810.53	
3747735.36	0.00201			
406810.53	3747744.55	0.00200	406810.52	
3747753.73	0.00196			
406810.52	3747762.92	0.00189	406810.52	
3747772.10	0.00180			
406810.51	3747781.29	0.00170	406810.51	
3747790.48	0.00158			
406808.97	3747672.00	0.00136	406812.39	
3747663.75	0.00131			
406815.81	3747655.50	0.00124	406819.22	
3747647.26	0.00118			
406822.64	3747639.01	0.00110	406834.31	
3747627.35	0.00107			
406842.56	3747623.93	0.00110	406850.81	
3747620.52	0.00113			
406859.05	3747617.10	0.00115	406867.30	
3747613.69	0.00116			
406805.55	3747680.24	0.00140	406805.55	
3747689.43	0.00151			
406805.54	3747698.62	0.00161	406805.54	
3747707.80	0.00170			
406805.54	3747716.99	0.00177	406805.53	
3747726.17	0.00181			
406805.53	3747735.36	0.00183	406805.53	
3747744.55	0.00182			
406805.52	3747753.73	0.00179	406805.52	
3747762.92	0.00173			
406805.52	3747772.10	0.00166	406805.51	
3747781.29	0.00156			
406805.51	3747790.47	0.00147	406803.69	
3747672.67	0.00127			
406806.83	3747665.10	0.00123	406809.97	
3747657.52	0.00118			
406813.11	3747649.95	0.00113	406816.25	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:39:57
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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ  U*
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC	X-COORD (M)	Y-COORD
406795.53	3747726.17	0.00153		406795.53		
3747735.36	0.00154					
406795.53	3747744.54	0.00154		406795.52		
3747753.73	0.00151					
406795.52	3747762.91	0.00147		406795.52		
3747772.10	0.00141					
406795.51	3747781.29	0.00134		406795.51		
3747790.47	0.00127					

406793.66	3747672.73	0.00111	406796.78
3747665.22	0.00108		
406799.89	3747657.71	0.00105	406803.00
3747650.20	0.00100		
406806.12	3747642.69	0.00096	406809.23
3747635.18	0.00091		
406812.34	3747627.67	0.00086	406822.97
3747617.04	0.00084		
406830.48	3747613.93	0.00086	406837.99
3747610.82	0.00088		
406845.50	3747607.71	0.00090	406853.02
3747604.60	0.00091		
406860.53	3747601.49	0.00092	406868.04
3747598.38	0.00092		
406790.55	3747680.24	0.00113	406790.55
3747689.42	0.00121		
406790.54	3747698.61	0.00128	406790.54
3747707.80	0.00134		
406790.54	3747716.98	0.00138	406790.53
3747726.17	0.00141		
406790.53	3747735.35	0.00142	406790.53
3747744.54	0.00142		
406790.52	3747753.73	0.00140	406790.52
3747762.91	0.00136		
406790.52	3747772.10	0.00131	406790.51
3747781.28	0.00125		
406790.51	3747790.47	0.00118	406788.85
3747672.29	0.00104		
406792.14	3747664.33	0.00101	406795.44
3747656.38	0.00098		
406798.74	3747648.43	0.00094	406802.03
3747640.48	0.00090		
406805.33	3747632.52	0.00085	406808.63
3747624.57	0.00080		
406819.88	3747613.33	0.00078	406827.83
3747610.03	0.00080		
406835.78	3747606.74	0.00082	406843.74
3747603.44	0.00083		
406859.64	3747596.86	0.00085	406867.60
3747593.56	0.00085		
406785.55	3747680.24	0.00106	406785.55
3747689.42	0.00113		
406785.54	3747698.61	0.00119	406785.54
3747707.79	0.00124		
406785.54	3747716.98	0.00128	406785.53
3747726.17	0.00131		
406785.53	3747735.35	0.00132	406785.53
3747744.54	0.00131		
406785.52	3747753.72	0.00129	406785.52
3747762.91	0.00126		
406785.52	3747772.10	0.00122	406785.51
3747781.28	0.00116		
406785.51	3747790.47	0.00110	406784.03
3747671.84	0.00098		
406787.51	3747663.45	0.00095	406790.99
3747655.05	0.00092		
406794.47	3747646.66	0.00088	406797.95
3747638.26	0.00084		
406801.43	3747629.87	0.00079	406804.91
3747621.48	0.00075		
406816.78	3747609.61	0.00073	406825.18
3747606.13	0.00075		
406833.57	3747602.65	0.00076	406841.97
3747599.18	0.00078		
406850.36	3747595.70	0.00079	406858.76
3747592.22	0.00079		

406867.15	3747588.75	0.00079	406780.55
3747680.24	0.00099		
406780.55	3747689.42	0.00105	406780.54
3747698.61	0.00111		
406780.54	3747707.79	0.00115	406780.54
3747716.98	0.00119		

*** AERMOD - VERSION 22112 ***
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** 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			
406780.53	3747726.16	0.00121	406780.53	
3747735.35	0.00122			
406780.53	3747744.54	0.00122	406780.52	
3747753.72	0.00120			
406780.52	3747762.91	0.00117	406780.52	
3747772.09	0.00113			
406780.51	3747781.28	0.00108	406780.51	
3747790.47	0.00103			
406778.81	3747672.38	0.00092	406782.06	
3747664.53	0.00090			
406785.32	3747656.67	0.00087	406788.57	
3747648.82	0.00084			
406791.83	3747640.96	0.00081	406795.08	
3747633.11	0.00077			
406798.34	3747625.25	0.00073	406801.60	
3747617.40	0.00069			
406812.71	3747606.29	0.00067	406820.56	
3747603.04	0.00069			
406828.42	3747599.79	0.00071	406836.27	
3747596.53	0.00072			
406844.13	3747593.28	0.00073	406851.98	
3747590.03	0.00074			
406859.84	3747586.78	0.00074	406867.69	
3747583.52	0.00074			
406775.55	3747680.23	0.00093	406775.55	
3747689.42	0.00099			
406775.54	3747698.61	0.00104	406775.54	
3747707.79	0.00108			
406775.54	3747716.98	0.00111	406775.53	
3747726.16	0.00113			
406775.53	3747735.35	0.00114	406775.53	
3747744.53	0.00113			
406775.52	3747753.72	0.00112	406775.52	
3747762.91	0.00109			
406775.52	3747772.09	0.00106	406775.51	
3747781.28	0.00101			
406775.51	3747790.46	0.00097	406875.51	
3747795.50	0.00537			
406884.70	3747795.50	0.00682	406893.88	

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PF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:39:57
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406875.51	3747810.50	0.00407	406884.70	
3747810.50	0.00498			
406893.88	3747810.50	0.00606	406903.07	
3747810.50	0.00725			

406912.25	3747810.50	0.00842	406921.44
3747810.50	0.00942		
406930.63	3747810.50	0.01013	406939.81
3747810.50	0.01048		
406949.00	3747810.50	0.01046	406958.18
3747810.50	0.01011		
406967.37	3747810.50	0.00950	406976.55
3747810.50	0.00872		
406985.74	3747810.50	0.00787	406869.62
3747813.06	0.00344		
406863.72	3747810.62	0.00318	406855.39
3747802.28	0.00305		
406852.95	3747796.39	0.00316	406875.51
3747815.50	0.00372		
406884.70	3747815.50	0.00450	406893.88
3747815.50	0.00542		
406903.07	3747815.50	0.00642	406912.25
3747815.50	0.00742		
406921.44	3747815.50	0.00828	406930.63
3747815.50	0.00892		
406939.81	3747815.50	0.00927	406949.00
3747815.50	0.00932		
406958.18	3747815.50	0.00908	406967.37
3747815.50	0.00862		
406976.55	3747815.50	0.00800	406985.74
3747815.50	0.00729		
406868.44	3747817.57	0.00312	406861.37
3747814.64	0.00285		
406851.37	3747804.64	0.00273	406848.44
3747797.56	0.00284		
406875.51	3747820.50	0.00341	406884.70
3747820.50	0.00408		
406893.88	3747820.50	0.00487	406903.07
3747820.50	0.00572		
406912.25	3747820.50	0.00657	406921.44
3747820.50	0.00733		
406930.63	3747820.50	0.00790	406939.81
3747820.50	0.00824		
406949.00	3747820.50	0.00833	406958.18
3747820.50	0.00818		
406967.37	3747820.50	0.00784	406976.55
3747820.50	0.00734		
406985.74	3747820.50	0.00676	406867.26
3747822.08	0.00284		
406859.01	3747818.66	0.00257	406847.34
3747806.99	0.00246		
406843.93	3747798.74	0.00257	406875.51
3747825.50	0.00313		
406884.70	3747825.50	0.00371	406893.88
3747825.50	0.00439		
406903.07	3747825.50	0.00513	406912.25
3747825.50	0.00586		
406921.44	3747825.50	0.00652	406930.63
3747825.50	0.00704		
406939.81	3747825.50	0.00736	406949.00
3747825.50	0.00748		
406958.18	3747825.50	0.00740	406967.37
3747825.50	0.00714		
406976.55	3747825.50	0.00675	406985.74
3747825.50	0.00627		
406868.44	3747827.57	0.00266	406861.37
3747824.64	0.00246		
406854.29	3747821.71	0.00227	406844.29
3747811.71	0.00219		
406841.37	3747804.63	0.00228	406838.44
3747797.56	0.00236		

406875.51	3747830.50	0.00288	406884.70
3747830.50	0.00339		
406893.88	3747830.50	0.00398	406903.07
3747830.50	0.00462		
406912.25	3747830.50	0.00525	406921.44
3747830.50	0.00583		
406930.63	3747830.50	0.00630	406939.81
3747830.50	0.00661		
406949.00	3747830.50	0.00675	406958.18
3747830.50	0.00671		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** 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			
406967.37	3747830.50	0.00653	406976.55	
3747830.50	0.00622			
406985.74	3747830.50	0.00583	406867.55	
3747832.20	0.00244			
406859.60	3747828.91	0.00224	406851.64	
3747825.61	0.00206			
406840.39	3747814.36	0.00199	406837.10	
3747806.40	0.00208			
406833.80	3747798.44	0.00215	406875.51	
3747835.50	0.00266			
406884.70	3747835.50	0.00311	406893.88	
3747835.50	0.00362			
406903.07	3747835.50	0.00418	406912.25	
3747835.50	0.00473			
406921.44	3747835.50	0.00525	406930.63	
3747835.50	0.00567			
406939.81	3747835.50	0.00596	406949.00	
3747835.50	0.00611			
406958.18	3747835.50	0.00611	406967.37	
3747835.50	0.00598			
406976.55	3747835.50	0.00574	406985.74	
3747835.50	0.00542			
406868.44	3747837.57	0.00229	406861.37	
3747834.64	0.00213			
406854.29	3747831.71	0.00198	406847.22	
3747828.78	0.00185			
406837.22	3747818.78	0.00180	406834.29	
3747811.70	0.00187			
406831.37	3747804.63	0.00193	406828.44	
3747797.56	0.00198			
406875.51	3747840.50	0.00246	406884.70	
3747840.50	0.00285			
406893.88	3747840.50	0.00331	406903.07	
3747840.50	0.00379			
406912.25	3747840.50	0.00428	406921.44	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15:39:57

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406939.81	3747850.50	0.00447	406949.00
3747850.50	0.00463		
406958.18	3747850.50	0.00469	406967.37
3747850.50	0.00466		
406976.55	3747850.50	0.00456	406985.74
3747850.50	0.00439		
406867.85	3747852.33	0.00184	406860.19
3747849.15	0.00172		
406852.52	3747845.98	0.00160	406844.86
3747842.80	0.00150		
406837.20	3747839.63	0.00141	406826.37
3747828.79	0.00137		
406823.20	3747821.13	0.00143	406820.02
3747813.47	0.00148		
406816.85	3747805.80	0.00152	406813.68
3747798.14	0.00156		
406875.51	3747855.50	0.00197	406884.70
3747855.50	0.00225		
406893.88	3747855.50	0.00257	406903.07
3747855.50	0.00291		
406912.25	3747855.50	0.00325	406921.44
3747855.50	0.00358		
406930.63	3747855.50	0.00386	406939.81
3747855.50	0.00409		
406949.00	3747855.50	0.00424	406958.18
3747855.50	0.00432		
406967.37	3747855.50	0.00431	406976.55
3747855.50	0.00423		
406985.74	3747855.50	0.00410	406867.26
3747857.08	0.00171		
406859.01	3747853.66	0.00160	406850.76
3747850.24	0.00149		
406842.51	3747846.83	0.00139	406834.25
3747843.41	0.00130		
406822.59	3747831.74	0.00127	406819.17
3747823.48	0.00132		
406815.76	3747815.23	0.00137	406812.34
3747806.98	0.00141		
406808.93	3747798.73	0.00144	406875.51
3747860.50	0.00184		
406884.70	3747860.50	0.00209	406893.88
3747860.50	0.00238		
406903.07	3747860.50	0.00268	406912.25
3747860.50	0.00299		
406921.44	3747860.50	0.00328	406930.63
3747860.50	0.00354		
406939.81	3747860.50	0.00375	406949.00
3747860.50	0.00390		
406958.18	3747860.50	0.00398	406967.37
3747860.50	0.00399		
406976.55	3747860.50	0.00394	406985.74
3747860.50	0.00383		
406867.93	3747862.36	0.00162	406860.35
3747859.22	0.00152		
406852.78	3747856.08	0.00142	406845.20
3747852.94	0.00134		
406837.62	3747849.80	0.00126	406830.04
3747846.66	0.00119		
406819.33	3747835.94	0.00116	406816.19
3747828.37	0.00121		
406813.06	3747820.79	0.00125	406809.92
3747813.21	0.00129		
406806.78	3747805.63	0.00132	406803.65
3747798.05	0.00134		
406875.51	3747865.50	0.00172	406884.70
3747865.50	0.00195		

406893.88	3747865.50	0.00221	406903.07
3747865.50	0.00248		
406912.25	3747865.50	0.00275	406921.44
3747865.50	0.00302		
406930.63	3747865.50	0.00326	406939.81
3747865.50	0.00345		
406949.00	3747865.50	0.00360	406958.18
3747865.50	0.00368		
406967.37	3747865.50	0.00370	406976.55
3747865.50	0.00367		
406985.74	3747865.50	0.00358	406867.43
3747867.15	0.00151		
406859.34	3747863.80	0.00141	406851.26
3747860.45	0.00133		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 15:39:57

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD

406835.10	3747853.76	0.00117		406827.01	
3747850.41	0.00110				
406815.59	3747838.97	0.00108		406812.24	
3747830.89	0.00112				
406808.89	3747822.81	0.00116		406805.55	
3747814.72	0.00120				
406802.20	3747806.64	0.00123		406798.86	
3747798.55	0.00125				
406875.51	3747870.50	0.00161		406884.70	
3747870.50	0.00182				
406893.88	3747870.50	0.00205		406903.07	
3747870.50	0.00230				
406912.25	3747870.50	0.00254		406921.44	
3747870.50	0.00279				
406930.63	3747870.50	0.00300		406939.81	
3747870.50	0.00319				
406949.00	3747870.50	0.00332		406958.18	
3747870.50	0.00341				
406967.37	3747870.50	0.00344		406976.55	
3747870.50	0.00342				
406985.74	3747870.50	0.00336		406868.00	
3747872.39	0.00143				
406860.48	3747869.27	0.00135		406852.97	
3747866.16	0.00127				
406845.45	3747863.05	0.00120		406837.94	
3747859.93	0.00113				
406830.42	3747856.82	0.00107		406822.91	
3747853.71	0.00101				
406812.28	3747843.08	0.00100		406809.17	
3747835.56	0.00103				
406806.06	3747828.05	0.00107		406802.95	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***      06/27/23  
*** AERMET - VERSION 16216 ***  
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X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
406816.72	3747861.14	0.00088	406804.85	
3747849.26	0.00087			
406801.37	3747840.86	0.00090	406797.89	
3747832.46	0.00093			
406794.42	3747824.06	0.00096	406790.94	
3747815.66	0.00099			
406787.46	3747807.26	0.00101	406783.99	
3747798.87	0.00102			
406875.51	3747885.50	0.00134	406884.70	
3747885.50	0.00150			
406893.88	3747885.50	0.00167	406903.07	
3747885.50	0.00185			
406912.25	3747885.50	0.00204	406921.44	
3747885.50	0.00222			
406930.63	3747885.50	0.00239	406939.81	
3747885.50	0.00254			
406949.00	3747885.50	0.00266	406958.18	
3747885.50	0.00274			
406967.37	3747885.50	0.00279	406976.55	
3747885.50	0.00280			
406985.74	3747885.50	0.00278	406867.65	
3747887.24	0.00119			
406859.79	3747883.99	0.00113	406851.94	
3747880.73	0.00107			
406844.08	3747877.48	0.00101	406836.22	
3747874.22	0.00096			
406828.36	3747870.97	0.00091	406820.50	
3747867.71	0.00086			
406812.64	3747864.45	0.00082	406801.53	
3747853.34	0.00081			
406798.28	3747845.48	0.00083	406795.03	
3747837.62	0.00086			
406791.77	3747829.76	0.00089	406788.52	
3747821.90	0.00091			
406785.27	3747814.04	0.00093	406782.02	
3747806.18	0.00095			
406778.76	3747798.32	0.00096	406875.51	
3747890.50	0.00126			
406884.70	3747890.50	0.00141	406893.88	
3747890.50	0.00156			
406903.07	3747890.50	0.00173	406912.25	
3747890.50	0.00190			
406921.44	3747890.50	0.00207	406930.63	
3747890.50	0.00223			
406939.81	3747890.50	0.00236	406949.00	
3747890.50	0.00248			
406958.18	3747890.50	0.00256	406967.37	
3747890.50	0.00261			
406976.55	3747890.50	0.00263	406985.74	
3747890.50	0.00262			
406875.51	3747790.50	0.00588	406985.74	
3747790.50	0.01066			
406985.76	3747680.27	0.00516	406875.55	
3747680.27	0.00478			

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 15:39:57

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC (YYMMDDHH)		X-COORD (M)		Y-COORD (M)	
CONC		CONC		CONC		CONC		CONC	
MICROGRAMS/M**3		MICROGRAMS/M**3		MICROGRAMS/M**3		MICROGRAMS/M**3		MICROGRAMS/M**3	
406990.74	3747790.50	0.20021	(13112016)	406990.74	3747781.32	0.20844	(13112016)	406990.74	3747772.13
406990.74	3747762.94	0.25223	(12121416)	406990.74	3747753.76	0.26614	(12121416)	406990.75	3747744.57
406990.75	3747735.39	0.24090	(12121416)	406990.75	3747726.20	0.25117	(15122816)	406990.75	3747717.01
406990.75	3747707.83	0.25842	(15122816)	406990.76	3747698.64	0.24037	(15122816)	406990.76	3747689.46
406990.76	3747680.27	0.18176	(15122816)	406995.74	3747790.50	0.18169	(13112016)	406995.74	3747772.13
406995.74	3747762.94	0.23311	(12121416)	406995.75	3747753.76	0.24221	(12121416)	406995.75	3747744.57
406995.75	3747735.39	0.21421	(12121416)	406995.75	3747726.20	0.22241	(15122816)	406995.75	3747717.02
406995.76	3747707.83	0.23629	(15122816)	406995.76	3747698.64	0.22378	(15122816)	406995.76	3747689.46
406995.76	3747680.27	0.17575	(15122816)	406991.04	3747795.81	0.16866	(13112016)	407000.74	3747790.50
407000.74	3747781.32	0.17455	(12121416)	407000.74	3747772.13	0.19882	(12121416)	407000.74	3747762.95
407000.75	3747753.76	0.22069	(12121416)	407000.75	3747744.57	0.21251	(12121416)	407000.75	3747735.39
407000.75	3747726.20	0.19729	(15122816)	407000.75	3747717.02	0.21267	(15122816)	407000.75	3747707.83
407000.76	3747698.64	0.20793	(15122816)	407000.76	3747689.46	0.19133	(15122816)	407002.81	3747797.57
407002.81	3747680.27	0.16917	(15122816)	407005.74	3747807.57	0.17351	(12113016)	407005.74	3747790.50
407005.74	3747781.32	0.16643	(12121416)	407005.74	3747772.13	0.18652	(12121416)	407005.75	3747762.95
407005.75	3747753.76	0.20136	(12121416)	407005.75	3747744.57	0.19180	(12121416)	407005.75	3747735.39
407005.75	3747726.20	0.17537	(15122816)	407005.75	3747717.02	0.19150	(15122816)	407005.76	3747707.83
407005.76	3747698.64	0.20793	(15122816)						

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PF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons    ***          06/27/23
*** AERMET - VERSION 16216 ***
***                                     *** 15:39:57

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407015.74	3747762.95	0.17042	(12121416)	407015.75	
3747753.76	0.16844	(12121416)			
407015.75	3747744.58	0.15746	(12121416)	407015.75	
3747735.39	0.14513	(12122416)			
407015.75	3747726.20	0.14569	(12122416)	407015.75	
3747717.02	0.15583	(15122816)			
407015.75	3747707.83	0.16464	(15122816)	407015.76	
3747698.65	0.16554	(15122816)			
407015.76	3747689.46	0.15939	(15122816)	407015.76	
3747680.28	0.14772	(15122816)			
407017.32	3747798.75	0.11464	(13112016)	407013.90	
3747807.00	0.12316	(13112016)			
407002.24	3747818.67	0.13973	(13112016)	406993.99	
3747822.08	0.15586	(12113016)			
407020.74	3747790.51	0.12770	(12121416)	407020.74	
3747781.32	0.14288	(12121416)			
407020.74	3747772.13	0.15356	(12121416)	407020.74	
3747762.95	0.15784	(12121416)			

407020.75	3747753.76	0.15445	(12121416)	407020.75
3747744.58	0.14321	(12121416)		
407020.75	3747735.39	0.13332	(12122416)	407020.75
3747726.21	0.13409	(12122416)		
407020.75	3747717.02	0.14087	(15122816)	407020.75
3747707.83	0.15051	(15122816)		
407020.76	3747698.65	0.15320	(15122816)	407020.76
3747689.46	0.14946	(15122816)		
407020.76	3747680.28	0.14042	(15122816)	407022.81
3747797.58	0.11290	(12121416)		
407019.88	3747804.65	0.10968	(13112016)	407016.95
3747811.72	0.11582	(13112016)		
407006.95	3747821.72	0.12925	(13112016)	406999.88
3747824.64	0.14086	(12113016)		
406992.81	3747827.57	0.15193	(12113016)	407025.74
3747790.51	0.12269	(12121416)		
407025.74	3747781.32	0.13550	(12121416)	407025.74
3747772.14	0.14388	(12121416)		
407025.74	3747762.95	0.14633	(12121416)	407025.75
3747753.76	0.14187	(12121416)		
407025.75	3747744.58	0.13059	(12121416)	407025.75
3747735.39	0.12289	(12122416)		
407025.75	3747726.21	0.12382	(12122416)	407025.75
3747717.02	0.12754	(15122816)		
407025.75	3747707.83	0.13767	(15122816)	407025.76
3747698.65	0.14175	(15122816)		
407025.76	3747689.46	0.13998	(15122816)	407025.76
3747680.28	0.13321	(15122816)		
407027.44	3747798.46	0.10829	(12121416)	407024.15
3747806.42	0.10080	(13112016)		
407020.85	3747814.37	0.10782	(13112016)	407009.60
3747825.62	0.12213	(13112016)		
407001.65	3747828.91	0.13410	(12113016)	406993.69
3747832.21	0.14509	(14120316)		
407030.74	3747790.51	0.11767	(12121416)	407030.74
3747781.32	0.12840	(12121416)		
407030.74	3747772.14	0.13484	(12121416)	407030.74
3747762.95	0.13579	(12121416)		
407030.75	3747753.76	0.13055	(12121416)	407030.75
3747744.58	0.11937	(12121416)		
407030.75	3747735.39	0.11362	(12122416)	407030.75
3747726.21	0.11466	(12122416)		
407030.75	3747717.02	0.11566	(15122816)	407030.75
3747707.84	0.12603	(15122816)		
407030.76	3747698.65	0.13113	(15122816)	407030.76
3747689.46	0.13098	(15122816)		
407030.76	3747680.28	0.12614	(15122816)	407032.81
3747797.58	0.10598	(12121416)		
407029.88	3747804.65	0.09665	(12121416)	407026.95
3747811.72	0.09623	(13112016)		
407024.02	3747818.79	0.10168	(13112016)	407014.02
3747828.79	0.11370	(13112016)		
407006.95	3747831.72	0.12222	(12113016)	406999.88
3747834.64	0.13267	(12113016)		
406992.81	3747837.57	0.14273	(14120316)	407035.74
3747790.51	0.11271	(12121416)		
407035.74	3747781.32	0.12160	(12121416)	407035.74
3747772.14	0.12640	(12121416)		
407035.74	3747762.95	0.12613	(12121416)	407035.75
3747753.77	0.12035	(12121416)		
407035.75	3747744.58	0.10938	(12121416)	407035.75
3747735.39	0.10536	(12122416)		

*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC (YYMMDDHH)		X-COORD (M)		Y-COORD	
(M)	CONC	(YYMMDDHH)							
407035.75	3747726.21	0.10647	(12122416)			407035.75			
3747717.02	0.10506	(15122816)							
407035.75	3747707.84	0.11547	(15122816)			407035.76			
3747698.65	0.12133	(15122816)							
407035.76	3747689.46	0.12248	(15122816)			407035.76			
3747680.28	0.11928	(15122816)							
407037.52	3747798.29	0.10167	(12121416)			407034.29			
3747806.06	0.09254	(12121416)							
407031.07	3747813.84	0.08917	(13112016)			407027.85			
3747821.62	0.09513	(13112016)							
407016.85	3747832.62	0.10767	(13112016)			407009.07			
3747835.84	0.11635	(12113016)							
406993.52	3747842.28	0.13676	(14120316)			407040.74			
3747790.51	0.10784	(12121416)							
407040.74	3747781.32	0.11513	(12121416)			407040.74			
3747772.14	0.11853	(12121416)							
407040.74	3747762.95	0.11729	(12121416)			407040.75			
3747753.77	0.11113	(12121416)							
407040.75	3747744.58	0.10044	(12121416)			407040.75			
3747735.39	0.09796	(12122416)							
407040.75	3747726.21	0.09912	(12122416)			407040.75			
3747717.02	0.09704	(12122416)							
407040.75	3747707.84	0.10590	(15122816)			407040.76			
3747698.65	0.11229	(15122816)							
407040.76	3747689.47	0.11447	(15122816)			407040.76			
3747680.28	0.11266	(15122816)							
407042.22	3747798.99	0.09756	(12121416)			407038.71			
3747807.48	0.08865	(12121416)							
407035.19	3747815.96	0.08272	(13112016)			407031.68			
3747824.45	0.08915	(13112016)							
407019.68	3747836.44	0.10213	(13112016)			407011.19			
3747839.96	0.11090	(12113016)							
407002.71	3747843.47	0.12110	(12113016)			406994.22			
3747846.99	0.13113	(14120316)							
407045.74	3747790.51	0.10308	(12121416)			407045.74			
3747781.33	0.10896	(12121416)							
407045.74	3747772.14	0.11120	(12121416)			407045.74			
3747762.95	0.10918	(12121416)							
407045.75	3747753.77	0.10278	(12121416)			407045.75			
3747744.58	0.09245	(12121416)							
407045.75	3747735.40	0.09130	(12122416)			407045.75			
3747726.21	0.09249	(12122416)							
407045.75	3747717.02	0.09078	(12122416)			407045.75			
3747707.84	0.09723	(15122816)							
407045.76	3747698.65	0.10395	(15122816)			407045.76			
3747689.47	0.10696	(15122816)							
407045.76	3747680.28	0.10630	(15122816)			407047.57			
3747798.17	0.09470	(12121416)							
407044.39	3747805.83	0.08822	(12121416)			407041.22			


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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15:39:57

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407055.74	3747790.51	0.09398	(12121416)	407055.74	
3747781.33	0.09760	(12121416)			
407055.74	3747772.14	0.09803	(12121416)	407055.74	
3747762.96	0.09493	(12121416)			
407055.75	3747753.77	0.08836	(12121416)	407055.75	
3747744.58	0.07941	(16010616)			
407055.75	3747735.40	0.07987	(12122416)	407055.75	
3747726.21	0.08107	(12122416)			
407055.75	3747717.03	0.07994	(12122416)	407055.75	
3747707.84	0.08223	(15122816)			
407055.76	3747698.65	0.08924	(15122816)	407055.76	
3747689.47	0.09334	(15122816)			
407055.76	3747680.28	0.09444	(15122816)	407057.60	
3747798.09	0.08770	(12121416)			

407054.46	3747805.66	0.08332	(12121416)	407051.32
3747813.24	0.07689	(12121416)		
407048.18	3747820.81	0.07102	(12121716)	407045.05
3747828.39	0.07109	(13112016)		
407041.91	3747835.96	0.07563	(13112016)	407031.19
3747846.68	0.08553	(13112016)		
407023.62	3747849.81	0.09097	(13112016)	407016.04
3747852.95	0.09835	(12113016)		
407008.47	3747856.09	0.10512	(12113016)	407000.89
3747859.23	0.10941	(14120316)		
406993.32	3747862.36	0.11981	(14120316)	407060.74
3747790.51	0.08967	(12121416)		
407060.74	3747781.33	0.09239	(12121416)	407060.74
3747772.14	0.09212	(12121416)		
407060.74	3747762.96	0.08867	(12121416)	407060.75
3747753.77	0.08211	(12121416)		
407060.75	3747744.58	0.07456	(16010616)	407060.75
3747735.40	0.07494	(12122416)		
407060.75	3747726.21	0.07613	(12122416)	407060.75
3747717.03	0.07522	(12122416)		
407060.75	3747707.84	0.07575	(15122816)	407060.76
3747698.66	0.08274	(15122816)		
407060.76	3747689.47	0.08721	(15122816)	407060.76
3747680.28	0.08895	(15122816)		
407062.39	3747798.59	0.08409	(12121416)	407059.04
3747806.67	0.08007	(12121416)		
407055.70	3747814.75	0.07386	(12121416)	407052.35
3747822.83	0.06767	(12121716)		
407049.00	3747830.91	0.06715	(12121716)	407045.65
3747838.99	0.07143	(13112016)		
407034.22	3747850.42	0.08148	(13112016)	407026.14
3747853.77	0.08686	(13112016)		
407009.98	3747860.46	0.10077	(12113016)	407001.90
3747863.81	0.10501	(14120316)		
406993.82	3747867.15	0.11512	(14120316)	407065.74
3747790.51	0.08553	(12121416)		
407065.74	3747781.33	0.08746	(12121416)	407065.74
3747772.14	0.08663	(12121416)		
407065.74	3747762.96	0.08291	(12121416)	407065.75
3747753.77	0.07643	(12121416)		
407065.75	3747744.59	0.07013	(16010616)	407065.75
3747735.40	0.07045	(12122416)		
407065.75	3747726.21	0.07162	(12122416)	407065.75
3747717.03	0.07090	(12122416)		
407065.75	3747707.84	0.06986	(15122816)	407065.76
3747698.66	0.07678	(15122816)		
407065.76	3747689.47	0.08149	(15122816)	407065.76
3747680.28	0.08376	(15122816)		
407067.63	3747798.03	0.08090	(12121416)	407064.51
3747805.54	0.07814	(12121416)		
407061.40	3747813.05	0.07349	(12121416)	407058.29
3747820.56	0.06731	(12121416)		
407055.18	3747828.07	0.06467	(12121716)	407052.06
3747835.59	0.06404	(13112016)		
407048.95	3747843.10	0.06805	(13112016)	407038.33
3747853.72	0.07692	(13112016)		
407030.81	3747856.83	0.08188	(13112016)	407023.30
3747859.94	0.08728	(12113016)		
407015.79	3747863.05	0.09386	(12113016)	407008.28
3747866.17	0.09823	(12113016)		
407000.76	3747869.28	0.10355	(14120316)	406993.25
3747872.39	0.11169	(14120316)		
407070.74	3747790.52	0.08156	(12121416)	407070.74
3747781.33	0.08282	(12121416)		
407070.74	3747772.14	0.08153	(12121416)	407070.74
3747762.96	0.07761	(12121416)		

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM IN				**	
		MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD		
(M)	CONC	(YYMMDDHH)					
407070.75	3747753.77	0.07125	(12121416)	407070.75			
3747744.59	0.06606	(16010616)					
407070.75	3747735.40	0.06635	(12122416)	407070.75			
3747726.21	0.06750	(12122416)					
407070.75	3747717.03	0.06694	(12122416)	407070.75			
3747707.84	0.06501	(16011916)					
407070.76	3747698.66	0.07130	(15122816)	407070.76			
3747689.47	0.07617	(15122816)					
407070.76	3747680.29	0.07884	(15122816)	407072.44			
3747798.47	0.07755	(12121416)					
407069.15	3747806.42	0.07513	(12121416)	407065.85			
3747814.38	0.07072	(12121416)					
407062.56	3747822.33	0.06469	(12121416)	407059.26			
3747830.28	0.06182	(12121716)					
407055.97	3747838.24	0.06107	(12121716)	407052.67			
3747846.19	0.06447	(13112016)					
407041.42	3747857.44	0.07342	(13112016)	407033.47			
3747860.73	0.07832	(13112016)					
407025.51	3747864.03	0.08370	(12113016)	407017.56			
3747867.32	0.09012	(12113016)					
407001.65	3747873.91	0.09955	(14120316)	406993.69			
3747877.21	0.10738	(14120316)					
407075.74	3747790.52	0.07777	(12121416)	407075.74			
3747781.33	0.07845	(12121416)					
407075.74	3747772.14	0.07678	(12121416)	407075.74			
3747762.96	0.07273	(12121416)					
407075.75	3747753.77	0.06651	(12121416)	407075.75			
3747744.59	0.06233	(16010616)					
407075.75	3747735.40	0.06259	(12122416)	407075.75			
3747726.22	0.06372	(12122416)					
407075.75	3747717.03	0.06329	(12122416)	407075.75			
3747707.84	0.06148	(16011916)					
407075.76	3747698.66	0.06626	(15122816)	407075.76			
3747689.47	0.07122	(15122816)					
407075.76	3747680.29	0.07421	(15122816)	407077.26			
3747798.91	0.07434	(12121416)					
407073.78	3747807.31	0.07226	(12121416)	407070.30			
3747815.70	0.06810	(12121416)					
407066.82	3747824.10	0.06222	(12121416)	407063.35			
3747832.49	0.05914	(12121716)					
407059.87	3747840.89	0.05853	(12121716)	407056.39			
3747849.29	0.06115	(13112016)					
407044.51	3747861.16	0.07016	(13112016)	407036.12			
3747864.64	0.07499	(13112016)					
407027.72	3747868.11	0.08033	(12113016)	407019.32			

3747871.59	0.08660	(12113016)	
407010.93	3747875.07	0.09043	(12113016) 407002.53
3747878.55	0.09578	(14120316)	
406994.14	3747882.02	0.10327	(14120316) 407080.74
3747790.52	0.07415	(12121416)	
407080.74	3747781.33	0.07434	(12121416) 407080.74
3747772.15	0.07236	(12121416)	
407080.74	3747762.96	0.06823	(12121416) 407080.75
3747753.77	0.06233	(16010616)	
407080.75	3747744.59	0.05889	(16010616) 407080.75
3747735.40	0.05915	(12122416)	
407080.75	3747726.22	0.06025	(12122416) 407080.75
3747717.03	0.05993	(12122416)	
407080.75	3747707.84	0.05824	(12122416) 407080.76
3747698.66	0.06163	(15122816)	
407080.76	3747689.47	0.06661	(15122816) 407080.76
3747680.29	0.06985	(15122816)	
407082.48	3747798.37	0.07134	(12121416) 407079.23
3747806.23	0.07012	(12121416)	
407075.97	3747814.08	0.06715	(12121416) 407072.72
3747821.94	0.06262	(12121416)	
407069.46	3747829.80	0.05690	(12121416) 407066.21
3747837.65	0.05667	(12121716)	
407062.95	3747845.51	0.05579	(12121716) 407059.70
3747853.36	0.05847	(13112016)	
407048.59	3747864.47	0.06650	(13112016) 407040.73
3747867.72	0.07096	(13112016)	
407032.88	3747870.98	0.07467	(12113016) 407025.02
3747874.23	0.08085	(12113016)	
407017.16	3747877.49	0.08520	(12113016) 407009.31
3747880.74	0.08737	(12113016)	
407001.45	3747883.99	0.09400	(14120316) 406993.60
3747887.25	0.10000	(14120316)	
407085.74	3747790.52	0.07070	(12121416) 407085.74
3747781.33	0.07047	(12121416)	

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
407085.74	3747772.15	0.06825	(12121416)	407085.74	
3747762.96	0.06408	(12121416)			
407085.75	3747753.77	0.05909	(16010616)	407085.75	
3747744.59	0.05571	(16010616)			
407085.75	3747735.40	0.05598	(12122416)	407085.75	
3747726.22	0.05705	(12122416)			
407085.75	3747717.03	0.05683	(12122416)	407085.75	
3747707.85	0.05535	(12122416)			
407085.76	3747698.66	0.05736	(15122816)	407085.76	
3747689.47	0.06233	(15122816)			

407085.76	3747680.29	0.06575	(15122816)	406985.76
3747675.27	0.16702	(15122816)		
406976.58	3747675.27	0.16938	(15122816)	406967.39
3747675.27	0.18026	(13121016)		
406958.21	3747675.27	0.19660	(12122016)	406949.02
3747675.27	0.21015	(12122016)		
406939.84	3747675.27	0.21557	(12122016)	406930.66
3747675.27	0.21074	(12122016)		
406921.47	3747675.27	0.19484	(12122016)	406912.29
3747675.27	0.18552	(16120216)		
406903.10	3747675.27	0.18451	(13112916)	406893.92
3747675.27	0.19067	(13112916)		
406884.73	3747675.27	0.19042	(13112916)	406875.55
3747675.27	0.18512	(13112916)		
406985.76	3747670.27	0.14778	(15122816)	406976.58
3747670.27	0.15602	(13121016)		
406967.39	3747670.27	0.16371	(13121016)	406958.21
3747670.27	0.17878	(12122016)		
406949.02	3747670.27	0.18886	(12122016)	406939.84
3747670.27	0.19182	(12122016)		
406930.66	3747670.27	0.18618	(12122016)	406921.47
3747670.27	0.17552	(16120216)		
406912.29	3747670.27	0.16920	(16120216)	406903.10
3747670.27	0.15551	(16120216)		
406893.92	3747670.27	0.16355	(13112916)	406884.73
3747670.27	0.16709	(13112916)		
406875.55	3747670.27	0.16581	(13112916)	406991.06
3747667.47	0.13742	(15122816)		
406998.56	3747674.97	0.15708	(15122816)	406985.76
3747665.27	0.13515	(13121016)		
406976.58	3747665.27	0.14379	(13121016)	406967.39
3747665.27	0.15093	(12122016)		
406958.21	3747665.27	0.16298	(12122016)	406949.02
3747665.27	0.17036	(12122016)		
406939.84	3747665.27	0.17152	(12122016)	406930.66
3747665.27	0.16540	(12122016)		
406921.47	3747665.27	0.15945	(16120216)	406912.29
3747665.27	0.15479	(16120216)		
406903.10	3747665.27	0.14364	(16120216)	406893.92
3747665.27	0.13935	(13112916)		
406884.73	3747665.27	0.14558	(13112916)	406875.55
3747665.27	0.14742	(13112916)		
406992.83	3747663.20	0.12387	(15122816)	407002.83
3747673.20	0.14857	(15122816)		
406985.76	3747660.27	0.12616	(13121016)	406976.58
3747660.27	0.13213	(13121016)		
406967.39	3747660.27	0.13938	(12122016)	406958.21
3747660.27	0.14894	(12122016)		
406949.02	3747660.27	0.15422	(12122016)	406939.84
3747660.27	0.15405	(12122016)		
406930.66	3747660.27	0.14769	(12122016)	406921.47
3747660.27	0.14538	(16120216)		
406912.29	3747660.27	0.14202	(16120216)	406903.10
3747660.27	0.13295	(16120216)		
406893.92	3747660.27	0.11964	(16120216)	406884.73
3747660.27	0.12605	(13112916)		
406875.55	3747660.27	0.13021	(13112916)	406991.65
3747657.71	0.11698	(13121016)		
406997.55	3747660.15	0.11536	(15122816)	407005.88
3747668.49	0.13465	(15122816)		
407008.32	3747674.38	0.14618	(15122816)	406985.76
3747655.27	0.11738	(13121016)		
406976.58	3747655.27	0.12111	(13121016)	406967.39
3747655.27	0.12888	(12122016)		
406958.21	3747655.27	0.13640	(12122016)	406949.02
3747655.27	0.14005	(12122016)		

406939.84	3747655.27	0.13891	(12122016)	406930.66
3747655.27	0.13250	(12122016)		
406921.47	3747655.27	0.13303	(16120216)	406912.29
3747655.27	0.13069	(16120216)		

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406903.10	3747655.27	0.12330	(16120216)	406893.92	
3747655.27	0.11205	(16120216)			
406884.73	3747655.27	0.10855	(13112916)	406875.55	
3747655.27	0.11432	(13112916)			
406992.83	3747653.20	0.10956	(13121016)	406999.90	
3747656.13	0.10727	(13121016)			
407009.90	3747666.13	0.12688	(15122816)	407012.83	
3747673.20	0.13915	(15122816)			
406985.76	3747650.27	0.10889	(13121016)	406976.58	
3747650.27	0.11082	(12122016)			
406967.39	3747650.27	0.11933	(12122016)	406958.21	
3747650.27	0.12520	(12122016)			
406949.02	3747650.27	0.12756	(12122016)	406939.84	
3747650.27	0.12573	(12122016)			
406930.66	3747650.27	0.11938	(12122016)	406921.47	
3747650.27	0.12214	(16120216)			
406912.29	3747650.27	0.12060	(16120216)	406903.10	
3747650.27	0.11460	(16120216)			
406893.92	3747650.27	0.10507	(16120216)	406884.73	
3747650.27	0.09317	(16120216)			
406875.55	3747650.27	0.09984	(13112916)	406994.01	
3747648.69	0.10263	(13121016)			
407002.26	3747652.11	0.10080	(13121016)	407013.93	
3747663.77	0.11977	(15122816)			
407017.34	3747672.03	0.13251	(15122816)	406985.76	
3747645.27	0.10078	(13121016)			
406976.58	3747645.27	0.10365	(12122016)	406967.39	
3747645.27	0.11064	(12122016)			
406958.21	3747645.27	0.11516	(12122016)	406949.02	
3747645.27	0.11651	(12122016)			
406939.84	3747645.27	0.11419	(12122016)	406930.66	
3747645.27	0.10909	(16120216)			
406921.47	3747645.27	0.11249	(16120216)	406912.29	
3747645.27	0.11158	(16120216)			
406903.10	3747645.27	0.10672	(16120216)	406893.92	
3747645.27	0.09864	(16120216)			
406884.73	3747645.27	0.08831	(16120216)	406875.55	
3747645.27	0.08680	(13112916)			
406992.83	3747643.20	0.09581	(13121016)	406999.90	
3747646.13	0.09605	(13121016)			
407006.98	3747649.06	0.09392	(13121016)	407016.98	

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GP\14635 Cons      ***      06/27/23  
*** AERMET - VERSION 16216 ***  
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407024.05	3747651.99	0.09505	(15122816)	407026.98	
3747659.06	0.10486	(15122816)			
407029.90	3747666.13	0.11259	(15122816)	407032.83	
3747673.21	0.11756	(15122816)			
406985.76	3747630.27	0.07994	(12122016)	406976.58	
3747630.27	0.08519	(12122016)			

406967.39	3747630.27	0.08893	(12122016)	406958.21
3747630.27	0.09071	(12122016)		
406949.02	3747630.27	0.09020	(12122016)	406939.84
3747630.27	0.08717	(12122016)		
406930.66	3747630.27	0.08622	(16120216)	406921.47
3747630.27	0.08943	(16120216)		
406912.29	3747630.27	0.08970	(16120216)	406903.10
3747630.27	0.08718	(16120216)		
406893.92	3747630.27	0.08225	(16120216)	406884.73
3747630.27	0.07544	(16120216)		
406875.55	3747630.27	0.06740	(16120216)	406993.54
3747628.49	0.07734	(13121016)		
407001.32	3747631.72	0.07991	(13121016)	407009.10
3747634.94	0.08024	(13121016)		
407016.88	3747638.16	0.07845	(13121016)	407027.88
3747649.16	0.08985	(15122816)		
407031.10	3747656.94	0.09980	(15122816)	407034.32
3747664.72	0.10739	(15122816)		
407037.54	3747672.50	0.11185	(15122816)	406985.76
3747625.27	0.07553	(12122016)		
406976.58	3747625.27	0.07993	(12122016)	406967.39
3747625.27	0.08291	(12122016)		
406958.21	3747625.27	0.08410	(12122016)	406949.02
3747625.27	0.08322	(12122016)		
406939.84	3747625.27	0.08013	(12122016)	406930.66
3747625.27	0.08017	(16120216)		
406921.47	3747625.27	0.08327	(16120216)	406912.29
3747625.27	0.08378	(16120216)		
406903.10	3747625.27	0.08179	(16120216)	406893.92
3747625.27	0.07759	(16120216)		
406884.73	3747625.27	0.07166	(16120216)	406875.55
3747625.27	0.06453	(16120216)		
406992.83	3747623.20	0.07135	(13121016)	406999.90
3747626.13	0.07443	(13121016)		
407006.98	3747629.06	0.07586	(13121016)	407014.05
3747631.99	0.07562	(13121016)		
407021.12	3747634.92	0.07384	(13121016)	407031.12
3747644.92	0.08324	(15122816)		
407034.05	3747651.99	0.09201	(15122816)	407036.98
3747659.06	0.09918	(15122816)		
407039.90	3747666.14	0.10423	(15122816)	407042.83
3747673.21	0.10669	(15122816)		
406985.76	3747620.27	0.07139	(12122016)	406976.58
3747620.27	0.07507	(12122016)		
406967.39	3747620.27	0.07741	(12122016)	406958.21
3747620.27	0.07811	(12122016)		
406949.02	3747620.27	0.07695	(12122016)	406939.84
3747620.27	0.07384	(12122016)		
406930.66	3747620.27	0.07472	(16120216)	406921.47
3747620.27	0.07772	(16120216)		
406912.29	3747620.27	0.07840	(16120216)	406903.10
3747620.27	0.07685	(16120216)		
406893.92	3747620.27	0.07329	(16120216)	406884.73
3747620.27	0.06811	(16120216)		
406875.55	3747620.27	0.06178	(16120216)	406993.42
3747618.44	0.06636	(13121016)		
407001.08	3747621.62	0.06990	(13121016)	407008.74
3747624.79	0.07169	(13121016)		
407016.40	3747627.96	0.07169	(13121016)	407024.07
3747631.14	0.07002	(13121016)		
407034.90	3747641.97	0.07883	(15122816)	407038.07
3747649.64	0.08766	(15122816)		
407041.24	3747657.30	0.09475	(15122816)	407044.42
3747664.96	0.09948	(15122816)		
407047.59	3747672.62	0.10138	(15122816)	406985.76
3747615.27	0.06750	(12122016)		

406976.58	3747615.27	0.07056	(12122016)	406967.39
3747615.27	0.07237	(12122016)		
406958.21	3747615.27	0.07267	(12122016)	406949.02
3747615.27	0.07130	(12122016)		
406939.84	3747615.27	0.06820	(12122016)	406930.66
3747615.27	0.06980	(16120216)		
406921.47	3747615.27	0.07268	(16120216)	406912.29
3747615.27	0.07351	(16120216)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406903.10	3747615.27	0.07231	(16120216)	406893.92	
3747615.27	0.06930	(16120216)			
406884.73	3747615.27	0.06477	(16120216)	406875.55	
3747615.27	0.05915	(16120216)			
406994.01	3747613.69	0.06289	(12122016)	407002.26	
3747617.11	0.06568	(13121016)			
407010.51	3747620.52	0.06781	(13121016)	407018.76	
3747623.94	0.06805	(13121016)			
407027.01	3747627.36	0.06650	(13121016)	407038.68	
3747639.03	0.07478	(15122816)			
407042.09	3747647.28	0.08361	(15122816)	407045.51	
3747655.53	0.09058	(15122816)			
407048.93	3747663.78	0.09499	(15122816)	407052.34	
3747672.03	0.09635	(15122816)			
406985.76	3747610.27	0.06385	(12122016)	406976.58	
3747610.27	0.06638	(12122016)			
406967.39	3747610.27	0.06774	(12122016)	406958.21	
3747610.27	0.06772	(12122016)			
406949.02	3747610.27	0.06620	(12122016)	406939.84	
3747610.27	0.06315	(12122016)			
406930.66	3747610.27	0.06535	(16120216)	406921.47	
3747610.27	0.06811	(16120216)			
406912.29	3747610.27	0.06904	(16120216)	406903.10	
3747610.27	0.06815	(16120216)			
406893.92	3747610.27	0.06560	(16120216)	406884.73	
3747610.27	0.06165	(16120216)			
406875.55	3747610.27	0.05664	(16120216)	406993.34	
3747608.41	0.05991	(12122016)			
407000.91	3747611.55	0.06070	(13121016)	407008.49	
3747614.69	0.06339	(13121016)			
407016.07	3747617.83	0.06464	(13121016)	407023.64	
3747620.96	0.06444	(13121016)			
407031.22	3747624.10	0.06289	(13121016)	407041.94	
3747634.82	0.06965	(15122816)			
407045.07	3747642.40	0.07750	(15122816)	407048.21	
3747649.97	0.08404	(15122816)			
407051.35	3747657.55	0.08880	(15122816)	407054.49	

3747665.13	0.09134	(15122816)	
407057.62	3747672.71	0.09141	(15122816) 406985.76
3747605.27	0.06043	(12122016)	
406976.58	3747605.27	0.06251	(12122016) 406967.39
3747605.27	0.06349	(12122016)	
406958.21	3747605.27	0.06321	(12122016) 406949.02
3747605.27	0.06158	(12122016)	
406939.84	3747605.27	0.05859	(12122016) 406930.66
3747605.27	0.06130	(16120216)	
406921.47	3747605.27	0.06395	(16120216) 406912.29
3747605.27	0.06495	(16120216)	
406903.10	3747605.27	0.06431	(16120216) 406893.92
3747605.27	0.06216	(16120216)	
406884.73	3747605.27	0.05871	(16120216) 406875.55
3747605.27	0.05426	(16120216)	
406993.84	3747603.62	0.05692	(12122016) 407001.92
3747606.97	0.05694	(13121016)	
407010.01	3747610.31	0.05990	(13121016) 407026.17
3747617.01	0.06134	(13121016)	
407034.25	3747620.36	0.05987	(13121016) 407045.68
3747631.79	0.06619	(15122816)	
407049.03	3747639.87	0.07401	(15122816) 407052.37
3747647.95	0.08047	(15122816)	
407055.72	3747656.04	0.08502	(15122816) 407059.07
3747664.12	0.08721	(15122816)	
407062.41	3747672.20	0.08680	(15122816) 406985.76
3747600.27	0.05723	(12122016)	
406976.58	3747600.27	0.05891	(12122016) 406967.39
3747600.27	0.05957	(12122016)	
406958.21	3747600.27	0.05909	(12122016) 406949.02
3747600.27	0.05738	(12122016)	
406939.84	3747600.27	0.05447	(12122016) 406930.66
3747600.27	0.05761	(16120216)	
406921.47	3747600.27	0.06015	(16120216) 406912.29
3747600.27	0.06121	(16120216)	
406903.10	3747600.27	0.06078	(16120216) 406893.92
3747600.27	0.05897	(16120216)	
406884.73	3747600.27	0.05595	(16120216) 406875.55
3747600.27	0.05199	(16120216)	
406993.27	3747598.38	0.05418	(12122016) 407000.79
3747601.50	0.05333	(12122016)	
407008.30	3747604.61	0.05562	(13121016) 407015.81
3747607.72	0.05769	(13121016)	

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
407023.33	3747610.83	0.05856	(13121016)	407030.84	
3747613.95	0.05824	(13121016)			

407038.36	3747617.06	0.05680	(13121016)	407048.98
3747627.69	0.06193	(15122816)		
407052.09	3747635.20	0.06892	(15122816)	407055.20
3747642.71	0.07494	(15122816)		
407058.31	3747650.23	0.07958	(15122816)	407061.43
3747657.74	0.08246	(15122816)		
407064.54	3747665.26	0.08334	(15122816)	407067.65
3747672.77	0.08212	(15122816)		
406985.76	3747595.27	0.05423	(12122016)	406976.58
3747595.27	0.05557	(12122016)		
406967.39	3747595.27	0.05596	(12122016)	406958.21
3747595.27	0.05531	(12122016)		
406949.02	3747595.27	0.05356	(12122016)	406939.84
3747595.27	0.05073	(12122016)		
406930.66	3747595.27	0.05424	(16120216)	406921.47
3747595.27	0.05667	(16120216)		
406912.29	3747595.27	0.05776	(16120216)	406903.10
3747595.27	0.05751	(16120216)		
406893.92	3747595.27	0.05600	(16120216)	406884.73
3747595.27	0.05336	(16120216)		
406875.55	3747595.27	0.04984	(16120216)	406993.72
3747593.57	0.05154	(12122016)		
407001.67	3747596.86	0.05083	(12122016)	407017.58
3747603.45	0.05476	(13121016)		
407025.54	3747606.75	0.05578	(13121016)	407033.49
3747610.04	0.05557	(13121016)		
407041.45	3747613.34	0.05420	(13121016)	407052.70
3747624.59	0.05895	(15122816)		
407055.99	3747632.55	0.06591	(15122816)	407059.29
3747640.50	0.07185	(15122816)		
407062.58	3747648.46	0.07634	(15122816)	407065.88
3747656.42	0.07899	(15122816)		
407069.17	3747664.37	0.07955	(15122816)	407072.47
3747672.33	0.07792	(15122816)		
406985.76	3747590.27	0.05141	(12122016)	406976.58
3747590.27	0.05246	(12122016)		
406967.39	3747590.27	0.05264	(12122016)	406958.21
3747590.27	0.05185	(12122016)		
406949.02	3747590.27	0.05008	(12122016)	406939.84
3747590.27	0.04774	(16120216)		
406930.66	3747590.27	0.05115	(16120216)	406921.47
3747590.27	0.05348	(16120216)		
406912.29	3747590.27	0.05460	(16120216)	406903.10
3747590.27	0.05449	(16120216)		
406893.92	3747590.27	0.05323	(16120216)	406884.73
3747590.27	0.05093	(16120216)		
406875.55	3747590.27	0.04779	(16120216)	406994.16
3747588.75	0.04906	(12122016)		
407002.56	3747592.23	0.04848	(12122016)	407010.95
3747595.71	0.04959	(13121016)		
407019.35	3747599.19	0.05202	(13121016)	407027.75
3747602.66	0.05318	(13121016)		
407036.15	3747606.14	0.05308	(13121016)	407044.54
3747609.62	0.05177	(13121016)		
407056.42	3747621.50	0.05618	(15122816)	407059.90
3747629.90	0.06310	(15122816)		
407063.37	3747638.30	0.06896	(15122816)	407066.85
3747646.69	0.07329	(15122816)		
407070.33	3747655.09	0.07571	(15122816)	407073.81
3747663.49	0.07596	(15122816)		
407077.28	3747671.89	0.07397	(15122816)	406985.76
3747585.27	0.04877	(12122016)		
406976.58	3747585.27	0.04957	(12122016)	406967.39
3747585.27	0.04956	(12122016)		
406958.21	3747585.27	0.04867	(12122016)	406949.02
3747585.27	0.04689	(12122016)		

406939.84	3747585.27	0.04512	(16120216)	406930.66
3747585.27	0.04832	(16120216)		
406921.47	3747585.27	0.05054	(16120216)	406912.29
3747585.27	0.05167	(16120216)		
406903.10	3747585.27	0.05169	(16120216)	406893.92
3747585.27	0.05065	(16120216)		
406884.73	3747585.27	0.04864	(16120216)	406875.55
3747585.27	0.04584	(16120216)		
406993.62	3747583.53	0.04672	(12122016)	407001.47
3747586.78	0.04646	(12122016)		
407009.33	3747590.04	0.04575	(13121016)	407017.19
3747593.29	0.04846	(13121016)		

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
407025.05	3747596.55	0.05020	(13121016)	407032.90	
3747599.80	0.05090	(13121016)			
407040.76	3747603.06	0.05058	(13121016)	407048.62	
3747606.31	0.04930	(13121016)			
407059.73	3747617.42	0.05280	(15122816)	407062.98	
3747625.28	0.05901	(15122816)			
407066.24	3747633.14	0.06447	(15122816)	407069.49	
3747641.00	0.06879	(15122816)			
407072.75	3747648.86	0.07167	(15122816)	407076.00	
3747656.71	0.07286	(15122816)			
407079.25	3747664.57	0.07224	(15122816)	407082.51	
3747672.43	0.06982	(15122816)			
406985.76	3747580.27	0.04630	(12122016)	406976.58	
3747580.27	0.04688	(12122016)			
406967.39	3747580.27	0.04672	(12122016)	406958.21	
3747580.27	0.04575	(12122016)			
406949.02	3747580.27	0.04397	(12122016)	406939.84	
3747580.27	0.04270	(16120216)			
406930.66	3747580.27	0.04571	(16120216)	406921.47	
3747580.27	0.04784	(16120216)			
406912.29	3747580.27	0.04897	(16120216)	406903.10	
3747580.27	0.04909	(16120216)			
406893.92	3747580.27	0.04824	(16120216)	406884.73	
3747580.27	0.04649	(16120216)			
406875.55	3747580.27	0.04400	(16120216)	406870.55	
3747680.27	0.19793	(13112916)			
406870.55	3747689.45	0.22848	(13112916)	406870.54	
3747698.64	0.25425	(13112916)			
406870.54	3747707.83	0.27099	(13112916)	406870.54	
3747717.01	0.27457	(13112916)			
406870.53	3747726.20	0.31754	(13121916)	406870.53	
3747735.38	0.34760	(13121916)			
406870.53	3747744.57	0.35092	(13121916)	406870.52	

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GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15:39:57

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

406855.51	3747790.49	0.13912	(15021709)	406852.99
3747674.37	0.15753	(13112916)		
406855.43	3747668.48	0.14722	(13112916)	406863.77
3747660.15	0.13025	(13112916)		
406869.66	3747657.71	0.12340	(13112916)	406850.55
3747680.26	0.16495	(13112916)		
406850.55	3747689.45	0.17832	(13112916)	406850.54
3747698.63	0.18599	(13112916)		
406850.54	3747707.82	0.18621	(13112916)	406850.54
3747717.00	0.18772	(13121916)		
406850.53	3747726.19	0.22087	(13121916)	406850.53
3747735.38	0.24261	(13121916)		
406850.53	3747744.56	0.24924	(13121916)	406850.52
3747753.75	0.23999	(13121916)		
406850.52	3747762.93	0.21721	(13121916)	406850.52
3747772.12	0.18520	(13121916)		
406850.51	3747781.31	0.14916	(13121916)	406850.51
3747790.49	0.12891	(15021709)		
406848.48	3747673.19	0.14949	(13112916)	406851.41
3747666.12	0.13865	(13112916)		
406861.41	3747656.13	0.11945	(13112916)	406868.48
3747653.20	0.11097	(13112916)		
406845.55	3747680.26	0.15639	(13112916)	406845.55
3747689.44	0.16672	(13112916)		
406845.54	3747698.63	0.17156	(13112916)	406845.54
3747707.82	0.16956	(13112916)		
406845.54	3747717.00	0.17345	(13121916)	406845.53
3747726.19	0.20350	(13121916)		
406845.53	3747735.37	0.22358	(13121916)	406845.53
3747744.56	0.23047	(13121916)		
406845.52	3747753.75	0.22331	(13121916)	406845.52
3747762.93	0.20394	(13121916)		
406845.52	3747772.12	0.17589	(13121916)	406845.51
3747781.30	0.14368	(13121916)		
406845.51	3747790.49	0.11908	(15021709)	406843.97
3747672.01	0.14190	(13112916)		
406847.39	3747663.76	0.13082	(13112916)	406859.05
3747652.10	0.10968	(13112916)		
406867.30	3747648.69	0.09972	(13112916)	406840.55
3747680.26	0.14795	(13112916)		
406840.55	3747689.44	0.15569	(13112916)	406840.54
3747698.63	0.15819	(13112916)		
406840.54	3747707.81	0.15449	(13112916)	406840.54
3747717.00	0.16078	(13121916)		
406840.53	3747726.19	0.18809	(13121916)	406840.53
3747735.37	0.20668	(13121916)		
406840.53	3747744.56	0.21369	(13121916)	406840.52
3747753.74	0.20826	(13121916)		
406840.52	3747762.93	0.19176	(13121916)	406840.52
3747772.12	0.16717	(13121916)		
406840.51	3747781.30	0.13832	(13121916)	406840.51
3747790.49	0.10971	(15021709)		
406838.48	3747673.19	0.13663	(13112916)	406841.41
3747666.12	0.12988	(13112916)		
406844.34	3747659.05	0.12012	(13112916)	406854.34
3747649.05	0.10308	(13112916)		
406861.41	3747646.13	0.09566	(13112916)	406868.48
3747643.20	0.08618	(13112916)		
406835.55	3747680.26	0.13972	(13112916)	406835.55
3747689.44	0.14523	(13112916)		
406835.54	3747698.63	0.14584	(13112916)	406835.54
3747707.81	0.14085	(13112916)		
406835.54	3747717.00	0.14947	(13121916)	406835.53
3747726.18	0.17436	(13121916)		

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GP\14635 Cons ***          06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406830.54	3747707.81	0.12852	(13112916)	406830.54	
3747717.00	0.13935	(13121916)			
406830.53	3747726.18	0.16210	(13121916)	406830.53	
3747735.37	0.17812	(13121916)			
406830.53	3747744.55	0.18511	(13121916)	406830.52	
3747753.74	0.18223	(13121916)			
406830.52	3747762.93	0.17029	(13121916)	406830.52	
3747772.11	0.15135	(13121916)			
406830.51	3747781.30	0.12815	(13121916)	406830.51	
3747790.48	0.10366	(13121916)			
406828.48	3747673.18	0.12371	(13112916)	406831.41	
3747666.11	0.12014	(13112916)			
406834.34	3747659.05	0.11370	(13112916)	406837.27	
3747651.98	0.10494	(13112916)			
406847.27	3747641.98	0.08982	(13112916)	406854.34	
3747639.05	0.08327	(13112916)			
406861.41	3747636.13	0.07514	(13112916)	406868.48	
3747633.20	0.06720	(14121615)			
406825.55	3747680.25	0.12404	(13112916)	406825.55	
3747689.44	0.12612	(13112916)			
406825.54	3747698.62	0.12398	(13112916)	406825.54	
3747707.81	0.11738	(13112916)			
406825.54	3747717.00	0.13025	(13121916)	406825.53	
3747726.18	0.15111	(13121916)			
406825.53	3747735.37	0.16601	(13121916)	406825.53	
3747744.55	0.17290	(13121916)			
406825.52	3747753.74	0.17097	(13121916)	406825.52	
3747762.92	0.16084	(13121916)			
406825.52	3747772.11	0.14416	(13121916)	406825.51	

3747781.30	0.12335	(13121916)	
406825.51	3747790.48	0.10098	(13121916) 406823.77
3747672.47	0.11731	(13112916)	
406827.00	3747664.70	0.11434	(13112916) 406830.22
3747656.92	0.10810	(13112916)	
406833.44	3747649.15	0.09927	(13112916) 406844.44
3747638.15	0.08357	(13112916)	
406852.22	3747634.93	0.07655	(13112916) 406860.00
3747631.71	0.06789	(13112916)	
406867.77	3747628.49	0.06155	(14121615) 406820.55
3747680.25	0.11669	(13112916)	
406820.55	3747689.44	0.11745	(13112916) 406820.54
3747698.62	0.11436	(13112916)	
406820.54	3747707.81	0.10732	(13112916) 406820.54
3747716.99	0.12201	(13121916)	
406820.53	3747726.18	0.14122	(13121916) 406820.53
3747735.37	0.15510	(13121916)	
406820.53	3747744.55	0.16185	(13121916) 406820.52
3747753.74	0.16070	(13121916)	
406820.52	3747762.92	0.15210	(13121916) 406820.52
3747772.11	0.13742	(13121916)	
406820.51	3747781.29	0.11875	(13121916) 406820.51
3747790.48	0.09830	(13121916)	
406819.07	3747671.77	0.11127	(13112916) 406822.58
3747663.28	0.10887	(13112916)	
406826.10	3747654.80	0.10291	(13112916) 406829.62
3747646.32	0.09406	(13112916)	
406841.62	3747634.32	0.07787	(13112916) 406850.10
3747630.81	0.07045	(13112916)	
406858.58	3747627.30	0.06139	(13112916) 406867.07
3747623.78	0.05674	(16120216)	
406815.55	3747680.25	0.10968	(13112916) 406815.55
3747689.43	0.10935	(13112916)	
406815.54	3747698.62	0.10553	(13112916) 406815.54
3747707.81	0.09822	(13112916)	
406815.54	3747716.99	0.11458	(13121916) 406815.53
3747726.18	0.13228	(13121916)	
406815.53	3747735.36	0.14523	(13121916) 406815.53
3747744.55	0.15182	(13121916)	
406815.52	3747753.73	0.15131	(13121916) 406815.52
3747762.92	0.14401	(13121916)	
406815.52	3747772.11	0.13108	(13121916) 406815.51
3747781.29	0.11430	(13121916)	
406815.51	3747790.48	0.09563	(13121916) 406813.72
3747672.59	0.10540	(13112916)	
406816.90	3747664.93	0.10482	(13112916) 406820.07
3747657.27	0.10137	(13112916)	
406823.25	3747649.62	0.09545	(13112916) 406826.42
3747641.96	0.08756	(13112916)	
406837.26	3747631.13	0.07378	(13112916) 406844.91
3747627.96	0.06772	(13112916)	

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406852.57	3747624.78	0.06037	(13112916)	406860.23	
3747621.61	0.05514	(14121615)			
406867.89	3747618.44	0.05520	(16120216)	406810.55	
3747680.25	0.10302	(13112916)			
406810.55	3747689.43	0.10181	(13112916)	406810.54	
3747698.62	0.09743	(13112916)			
406810.54	3747707.80	0.09000	(13112916)	406810.54	
3747716.99	0.10782	(13121916)			
406810.53	3747726.18	0.12418	(13121916)	406810.53	
3747735.36	0.13627	(13121916)			
406810.53	3747744.55	0.14269	(13121916)	406810.52	
3747753.73	0.14270	(13121916)			
406810.52	3747762.92	0.13653	(13121916)	406810.52	
3747772.10	0.12515	(13121916)			
406810.51	3747781.29	0.11004	(13121916)	406810.51	
3747790.48	0.09298	(13121916)			
406808.97	3747672.00	0.09986	(13112916)	406812.39	
3747663.75	0.09985	(13112916)			
406815.81	3747655.50	0.09677	(13112916)	406819.22	
3747647.26	0.09100	(13112916)			
406822.64	3747639.01	0.08311	(13112916)	406834.31	
3747627.35	0.06908	(13112916)			
406842.56	3747623.93	0.06277	(13112916)	406850.81	
3747620.52	0.05522	(13112916)			
406859.05	3747617.10	0.05104	(14121615)	406867.30	
3747613.69	0.05287	(16120216)			
406805.55	3747680.24	0.09672	(13112916)	406805.55	
3747689.43	0.09479	(13112916)			
406805.54	3747698.62	0.09001	(13112916)	406805.54	
3747707.80	0.08438	(13121916)			
406805.54	3747716.99	0.10166	(13121916)	406805.53	
3747726.17	0.11679	(13121916)			
406805.53	3747735.36	0.12813	(13121916)	406805.53	
3747744.55	0.13435	(13121916)			
406805.52	3747753.73	0.13478	(13121916)	406805.52	
3747762.92	0.12958	(13121916)			
406805.52	3747772.10	0.11955	(13121916)	406805.51	
3747781.29	0.10595	(13121916)			
406805.51	3747790.47	0.09038	(13121916)	406803.69	
3747672.67	0.09427	(13112916)			
406806.83	3747665.10	0.09535	(13112916)	406809.97	
3747657.52	0.09400	(13112916)			
406813.11	3747649.95	0.09038	(13112916)	406816.25	
3747642.37	0.08482	(13112916)			
406819.39	3747634.80	0.07775	(13112916)	406830.10	
3747624.09	0.06558	(13112916)			
406837.68	3747620.95	0.06027	(13112916)	406845.25	
3747617.82	0.05398	(13112916)			
406852.83	3747614.68	0.04963	(14121615)	406860.40	
3747611.54	0.04742	(16120216)			
406867.98	3747608.41	0.05126	(16120216)	406800.55	
3747680.24	0.09078	(13112916)			
406800.55	3747689.43	0.08827	(13112916)	406800.54	
3747698.61	0.08321	(13112916)			
406800.54	3747707.80	0.08004	(13121916)	406800.54	
3747716.99	0.09603	(13121916)			
406800.53	3747726.17	0.11007	(13121916)	406800.53	
3747735.36	0.12070	(13121916)			
406800.53	3747744.54	0.12671	(13121916)	406800.52	
3747753.73	0.12750	(13121916)			

406800.52	3747762.92	0.12313	(13121916)	406800.52
3747772.10	0.11428	(13121916)		
406800.51	3747781.29	0.10204	(13121916)	406800.51
3747790.47	0.08781	(13121916)		
406798.90	3747672.16	0.08924	(13112916)	406802.25
3747664.08	0.09081	(13112916)		
406805.60	3747656.01	0.08983	(13112916)	406808.95
3747647.93	0.08645	(13112916)		
406812.29	3747639.85	0.08100	(13112916)	406815.64
3747631.77	0.07395	(13112916)		
406827.07	3747620.35	0.06165	(13112916)	406835.15
3747617.00	0.05621	(13112916)		
406851.31	3747610.31	0.04628	(14121615)	406859.39
3747606.96	0.04543	(16120216)		
406867.47	3747603.62	0.04915	(16120216)	406795.55
3747680.24	0.08517	(13112916)		
406795.55	3747689.43	0.08221	(13112916)	406795.54
3747698.61	0.07698	(13112916)		
406795.54	3747707.80	0.07603	(13121916)	406795.54
3747716.98	0.09085	(13121916)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406795.53	3747726.17	0.10392	(13121916)	406795.53	
3747735.36	0.11390	(13121916)			
406795.53	3747744.54	0.11971	(13121916)	406795.52	
3747753.73	0.12078	(13121916)			
406795.52	3747762.91	0.11714	(13121916)	406795.52	
3747772.10	0.10933	(13121916)			
406795.51	3747781.29	0.09830	(13121916)	406795.51	
3747790.47	0.08528	(13121916)			
406793.66	3747672.73	0.08405	(13112916)	406796.78	
3747665.22	0.08627	(13112916)			
406799.89	3747657.71	0.08645	(13112916)	406803.00	
3747650.20	0.08463	(13112916)			
406806.12	3747642.69	0.08100	(13112916)	406809.23	
3747635.18	0.07582	(13112916)			
406812.34	3747627.67	0.06947	(13112916)	406822.97	
3747617.04	0.05864	(13112916)			
406830.48	3747613.93	0.05396	(13112916)	406837.99	
3747610.82	0.04849	(13112916)			
406845.50	3747607.71	0.04486	(14121615)	406853.02	
3747604.60	0.04181	(14121615)			
406860.53	3747601.49	0.04454	(16120216)	406868.04	
3747598.38	0.04755	(16120216)			
406790.55	3747680.24	0.07991	(13112916)	406790.55	
3747689.42	0.07660	(13112916)			
406790.54	3747698.61	0.07126	(13112916)	406790.54	

3747707.80	0.07234	(13121916)	
406790.54	3747716.98	0.08611	(13121916) 406790.53
3747726.17	0.09829	(13121916)	
406790.53	3747735.35	0.10765	(13121916) 406790.53
3747744.54	0.11327	(13121916)	
406790.52	3747753.73	0.11456	(13121916) 406790.52
3747762.91	0.11155	(13121916)	
406790.52	3747772.10	0.10466	(13121916) 406790.51
3747781.28	0.09473	(13121916)	
406790.51	3747790.47	0.08281	(13121916) 406788.85
3747672.29	0.07952	(13112916)	
406792.14	3747664.33	0.08212	(13112916) 406795.44
3747656.38	0.08264	(13112916)	
406798.74	3747648.43	0.08108	(13112916) 406802.03
3747640.48	0.07760	(13112916)	
406805.33	3747632.52	0.07251	(13112916) 406808.63
3747624.57	0.06620	(13112916)	
406819.88	3747613.33	0.05532	(13112916) 406827.83
3747610.03	0.05056	(13112916)	
406835.78	3747606.74	0.04503	(13112916) 406843.74
3747603.44	0.04208	(14121615)	
406859.64	3747596.86	0.04275	(16120216) 406867.60
3747593.56	0.04565	(16120216)	
406785.55	3747680.24	0.07496	(13112916) 406785.55
3747689.42	0.07139	(13112916)	
406785.54	3747698.61	0.06602	(13112916) 406785.54
3747707.79	0.06890	(13121916)	
406785.54	3747716.98	0.08174	(13121916) 406785.53
3747726.17	0.09310	(13121916)	
406785.53	3747735.35	0.10192	(13121916) 406785.53
3747744.54	0.10733	(13121916)	
406785.52	3747753.72	0.10881	(13121916) 406785.52
3747762.91	0.10634	(13121916)	
406785.52	3747772.10	0.10026	(13121916) 406785.51
3747781.28	0.09130	(13121916)	
406785.51	3747790.47	0.08040	(13121916) 406784.03
3747671.84	0.07525	(13112916)	
406787.51	3747663.45	0.07823	(13112916) 406790.99
3747655.05	0.07906	(13112916)	
406794.47	3747646.66	0.07773	(13112916) 406797.95
3747638.26	0.07442	(13112916)	
406801.43	3747629.87	0.06943	(13112916) 406804.91
3747621.48	0.06317	(13112916)	
406816.78	3747609.61	0.05225	(13112916) 406825.18
3747606.13	0.04743	(13112916)	
406833.57	3747602.65	0.04206	(14121615) 406841.97
3747599.18	0.03951	(14121615)	
406850.36	3747595.70	0.03761	(16120216) 406858.76
3747592.22	0.04107	(16120216)	
406867.15	3747588.75	0.04385	(16120216) 406780.55
3747680.24	0.07032	(13112916)	
406780.55	3747689.42	0.06656	(13112916) 406780.54
3747698.61	0.06121	(13112916)	
406780.54	3747707.79	0.06572	(13121916) 406780.54
3747716.98	0.07770	(13121916)	

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3		IN	**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)				
406780.53	3747726.16	0.08832	(13121916)		406780.53	
3747735.35	0.09664	(13121916)				
406780.53	3747744.54	0.10185	(13121916)		406780.52	
3747753.72	0.10348	(13121916)				
406780.52	3747762.91	0.10147	(13121916)		406780.52	
3747772.09	0.09612	(13121916)				
406780.51	3747781.28	0.08803	(13121916)		406780.51	
3747790.47	0.07805	(13121916)				
406778.81	3747672.38	0.07074	(13112916)		406782.06	
3747664.53	0.07399	(13112916)				
406785.32	3747656.67	0.07555	(13112916)		406788.57	
3747648.82	0.07534	(13112916)				
406791.83	3747640.96	0.07342	(13112916)		406795.08	
3747633.11	0.06998	(13112916)				
406798.34	3747625.25	0.06525	(13112916)		406801.60	
3747617.40	0.05958	(13112916)				
406812.71	3747606.29	0.04989	(13112916)		406820.56	
3747603.04	0.04570	(13112916)				
406828.42	3747599.79	0.04087	(13112916)		406836.27	
3747596.53	0.03838	(14121615)				
406844.13	3747593.28	0.03574	(14121615)		406851.98	
3747590.03	0.03729	(16120216)				
406859.84	3747586.78	0.04014	(16120216)		406867.69	
3747583.52	0.04240	(16120216)				
406775.55	3747680.23	0.06598	(13112916)		406775.55	
3747689.42	0.06209	(13112916)				
406775.54	3747698.61	0.05680	(13112916)		406775.54	
3747707.79	0.06277	(13121916)				
406775.54	3747716.98	0.07396	(13121916)		406775.53	
3747726.16	0.08391	(13121916)				
406775.53	3747735.35	0.09176	(13121916)		406775.53	
3747744.53	0.09678	(13121916)				
406775.52	3747753.72	0.09853	(13121916)		406775.52	
3747762.91	0.09692	(13121916)				
406775.52	3747772.09	0.09221	(13121916)		406775.51	
3747781.28	0.08491	(13121916)				
406775.51	3747790.46	0.07577	(13121916)		406875.51	
3747795.50	0.16863	(15021709)				
406884.70	3747795.50	0.18133	(15021709)		406893.88	
3747795.50	0.20171	(14021809)				
406903.07	3747795.50	0.25095	(14120316)		406912.25	
3747795.50	0.32367	(14120316)				
406921.44	3747795.50	0.38628	(14120316)		406930.63	
3747795.50	0.42803	(14120316)				
406939.81	3747795.50	0.44243	(14120316)		406949.00	
3747795.50	0.42875	(14120316)				
406958.18	3747795.50	0.39147	(14120316)		406967.37	
3747795.50	0.33830	(14120316)				
406976.55	3747795.50	0.27806	(14120316)		406985.74	
3747795.50	0.21829	(14120316)				
406875.51	3747800.50	0.15604	(15021709)		406884.70	
3747800.50	0.16470	(15021709)				
406893.88	3747800.50	0.18776	(14021809)		406903.07	
3747800.50	0.22511	(14120316)				
406912.25	3747800.50	0.28910	(14120316)		406921.44	
3747800.50	0.34494	(14120316)				

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15.39.57

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406875.51	3747810.50	0.13155	(15021709)	406884.70	
3747810.50	0.14623	(14021809)			
406893.88	3747810.50	0.16274	(14021809)	406903.07	
3747810.50	0.18373	(14120316)			
406912.25	3747810.50	0.23403	(14120316)	406921.44	
3747810.50	0.27899	(14120316)			
406930.63	3747810.50	0.31207	(14120316)	406939.81	
3747810.50	0.32871	(14120316)			
406949.00	3747810.50	0.32733	(14120316)	406958.18	
3747810.50	0.30934	(14120316)			
406967.37	3747810.50	0.27844	(14120316)	406976.55	
3747810.50	0.23962	(14120316)			
406985.74	3747810.50	0.19781	(14120316)	406869.62	
3747813.06	0.12299	(15021709)			
406863.72	3747810.62	0.12356	(15021709)	406855.39	
3747802.28	0.12657	(15021709)			
406852.95	3747796.39	0.12902	(15021709)	406875.51	
3747815.50	0.12135	(14021809)			
406884.70	3747815.50	0.13798	(14021809)	406893.88	
3747815.50	0.15158	(14021809)			
406903.07	3747815.50	0.16710	(14120316)	406912.25	

3747815.50	0.21201	(14120316)	
406921.44	3747815.50	0.25257	(14120316) 406930.63
3747815.50	0.28318	(14120316)	
406939.81	3747815.50	0.29979	(14120316) 406949.00
3747815.50	0.30077	(14120316)	
406958.18	3747815.50	0.28698	(14120316) 406967.37
3747815.50	0.26128	(14120316)	
406976.55	3747815.50	0.22781	(14120316) 406985.74
3747815.50	0.19078	(14120316)	
406868.44	3747817.57	0.11362	(15021709) 406861.37
3747814.64	0.11508	(15021709)	
406851.37	3747804.64	0.11852	(15021709) 406848.44
3747797.56	0.12049	(15021709)	
406875.51	3747820.50	0.11592	(14021809) 406884.70
3747820.50	0.13013	(14021809)	
406893.88	3747820.50	0.14126	(14021809) 406903.07
3747820.50	0.15259	(14120316)	
406912.25	3747820.50	0.19287	(14120316) 406921.44
3747820.50	0.22958	(14120316)	
406930.63	3747820.50	0.25792	(14120316) 406939.81
3747820.50	0.27428	(14120316)	
406949.00	3747820.50	0.27706	(14120316) 406958.18
3747820.50	0.26668	(14120316)	
406967.37	3747820.50	0.24538	(14120316) 406976.55
3747820.50	0.21654	(14120316)	
406985.74	3747820.50	0.18377	(14120316) 406867.26
3747822.08	0.10495	(15021709)	
406859.01	3747818.66	0.10736	(15021709) 406847.34
3747806.99	0.11117	(15021709)	
406843.93	3747798.74	0.11253	(15021709) 406875.51
3747825.50	0.11060	(14021809)	
406884.70	3747825.50	0.12270	(14021809) 406893.88
3747825.50	0.13172	(14021809)	
406903.07	3747825.50	0.13988	(14120316) 406912.25
3747825.50	0.17613	(14120316)	
406921.44	3747825.50	0.20947	(14120316) 406930.63
3747825.50	0.23572	(14120316)	
406939.81	3747825.50	0.25170	(14120316) 406949.00
3747825.50	0.25582	(14120316)	
406958.18	3747825.50	0.24824	(14120316) 406967.37
3747825.50	0.23064	(14120316)	
406976.55	3747825.50	0.20581	(14120316) 406985.74
3747825.50	0.17685	(14120316)	
406868.44	3747827.57	0.09848	(14021809) 406861.37
3747824.64	0.09917	(15021709)	
406854.29	3747821.71	0.10045	(15021709) 406844.29
3747811.71	0.10355	(15021709)	
406841.37	3747804.63	0.10538	(15021709) 406838.44
3747797.56	0.10450	(15021709)	
406875.51	3747830.50	0.10543	(14021809) 406884.70
3747830.50	0.11568	(14021809)	
406893.88	3747830.50	0.12292	(14021809) 406903.07
3747830.50	0.12867	(14120316)	
406912.25	3747830.50	0.16143	(14120316) 406921.44
3747830.50	0.19178	(14120316)	
406930.63	3747830.50	0.21613	(14120316) 406939.81
3747830.50	0.23162	(14120316)	
406949.00	3747830.50	0.23675	(14120316) 406958.18
3747830.50	0.23144	(14120316)	

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

*** 15:39:57

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)				
406967.37	3747830.50	0.21697	(14120316)		406976.55	
3747830.50	0.19563	(14120316)				
406985.74	3747830.50	0.17005	(14120316)		406867.55	
3747832.20	0.09378	(14021809)				
406859.60	3747828.91	0.09231	(15021709)		406851.64	
3747825.61	0.09415	(15021709)				
406840.39	3747814.36	0.09746	(15021709)		406837.10	
3747806.40	0.09894	(15021709)				
406833.80	3747798.44	0.09729	(15021709)		406875.51	
3747835.50	0.10042	(14021809)				
406884.70	3747835.50	0.10906	(14021809)		406893.88	
3747835.50	0.11478	(14021809)				
406903.07	3747835.50	0.11874	(14120316)		406912.25	
3747835.50	0.14845	(14120316)				
406921.44	3747835.50	0.17617	(14120316)		406930.63	
3747835.50	0.19877	(14120316)				
406939.81	3747835.50	0.21371	(14120316)		406949.00	
3747835.50	0.21957	(14120316)				
406958.18	3747835.50	0.21612	(14120316)		406967.37	
3747835.50	0.20430	(14120316)				
406976.55	3747835.50	0.18598	(14120316)		406985.74	
3747835.50	0.16340	(14120316)				
406868.44	3747837.57	0.09086	(14021809)		406861.37	
3747834.64	0.08422	(14021809)				
406854.29	3747831.71	0.08733	(15021709)		406847.22	
3747828.78	0.08846	(15021709)				
406837.22	3747818.78	0.09126	(15021709)		406834.29	
3747811.70	0.09294	(15021709)				
406831.37	3747804.63	0.09245	(15021709)		406828.44	
3747797.56	0.08967	(15021709)				
406875.51	3747840.50	0.09559	(14021809)		406884.70	
3747840.50	0.10282	(14021809)				
406893.88	3747840.50	0.10727	(14021809)		406903.07	
3747840.50	0.10990	(14120316)				
406912.25	3747840.50	0.13693	(14120316)		406921.44	
3747840.50	0.16231	(14120316)				
406930.63	3747840.50	0.18332	(14120316)		406939.81	
3747840.50	0.19769	(14120316)				
406949.00	3747840.50	0.20406	(14120316)		406958.18	
3747840.50	0.20212	(14120316)				
406967.37	3747840.50	0.19254	(14120316)		406976.55	
3747840.50	0.17685	(14120316)				
406985.74	3747840.50	0.15694	(14120316)		406867.73	
3747842.28	0.08663	(14021809)				
406852.17	3747835.83	0.08176	(15021709)		406844.39	
3747832.61	0.08323	(15021709)				
406833.39	3747821.60	0.08617	(15021709)		406830.17	
3747813.82	0.08763	(15021709)				
406826.95	3747806.04	0.08667	(15021709)		406823.73	
3747798.26	0.08321	(15021709)				
406875.51	3747845.50	0.09094	(14021809)		406884.70	
3747845.50	0.09695	(14021809)				

406893.88	3747845.50	0.10032	(14021809)	406903.07
3747845.50	0.10200	(14120316)		
406912.25	3747845.50	0.12666	(14120316)	406921.44
3747845.50	0.14997	(14120316)		
406930.63	3747845.50	0.16952	(14120316)	406939.81
3747845.50	0.18329	(14120316)		
406949.00	3747845.50	0.19002	(14120316)	406958.18
3747845.50	0.18931	(14120316)		
406967.37	3747845.50	0.18163	(14120316)	406976.55
3747845.50	0.16821	(14120316)		
406985.74	3747845.50	0.15067	(14120316)	406868.44
3747847.57	0.08347	(14021809)		
406861.37	3747844.64	0.07869	(14021809)	406854.29
3747841.71	0.07484	(15021709)		
406847.22	3747838.78	0.07750	(15021709)	406840.15
3747835.85	0.07850	(15021709)		
406830.15	3747825.85	0.08103	(15021709)	406827.22
3747818.77	0.08258	(15021709)		
406824.29	3747811.70	0.08234	(15021709)	406821.37
3747804.63	0.08023	(15021709)		
406818.44	3747797.55	0.08204	(13121916)	406875.51
3747850.50	0.08649	(14021809)		
406884.70	3747850.50	0.09143	(14021809)	406893.88
3747850.50	0.09389	(14021809)		
406903.07	3747850.50	0.09491	(14120316)	406912.25
3747850.50	0.11748	(14120316)		
406921.44	3747850.50	0.13893	(14120316)	406930.63
3747850.50	0.15715	(14120316)		

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***      06/27/23
*** AERMET - VERSION 16216 ***
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***
15:39:57

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM IN			
		MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			

406939.81	3747850.50	0.17032	(14120316)	406949.00	
3747850.50	0.17728	(14120316)			
406958.18	3747850.50	0.17756	(14120316)	406967.37	
3747850.50	0.17149	(14120316)			
406976.55	3747850.50	0.16005	(14120316)	406985.74	
3747850.50	0.14461	(14120316)			
406867.85	3747852.33	0.07963	(14021809)	406860.19	
3747849.15	0.07509	(14021809)			
406852.52	3747845.98	0.06990	(15021709)	406844.86	
3747842.80	0.07290	(15021709)			
406837.20	3747839.63	0.07412	(15021709)	406826.37	
3747828.79	0.07674	(15021709)			
406823.20	3747821.13	0.07813	(15021709)	406820.02	
3747813.47	0.07759	(15021709)			
406816.85	3747805.80	0.07506	(15021709)	406813.68	
3747798.14	0.07942	(13121916)			
406875.51	3747855.50	0.08224	(14021809)	406884.70	

3747855.50	0.08626	(14021809)	
406893.88	3747855.50	0.08794	(14021809) 406903.07
3747855.50	0.08851	(14120316)	
406912.25	3747855.50	0.10923	(14120316) 406921.44
3747855.50	0.12902	(14120316)	
406930.63	3747855.50	0.14601	(14120316) 406939.81
3747855.50	0.15860	(14120316)	
406949.00	3747855.50	0.16568	(14120316) 406958.18
3747855.50	0.16676	(14120316)	
406967.37	3747855.50	0.16205	(14120316) 406976.55
3747855.50	0.15232	(14120316)	
406985.74	3747855.50	0.13875	(14120316) 406867.26
3747857.08	0.07600	(14021809)	
406859.01	3747853.66	0.07172	(14021809) 406850.76
3747850.24	0.06571	(14021809)	
406842.51	3747846.83	0.06864	(15021709) 406834.25
3747843.41	0.07008	(15021709)	
406822.59	3747831.74	0.07277	(15021709) 406819.17
3747823.48	0.07401	(15021709)	
406815.76	3747815.23	0.07319	(15021709) 406812.34
3747806.98	0.07025	(15021709)	
406808.93	3747798.73	0.07691	(13121916) 406875.51
3747860.50	0.07818	(14021809)	
406884.70	3747860.50	0.08140	(14021809) 406893.88
3747860.50	0.08244	(14021809)	
406903.07	3747860.50	0.08273	(14120316) 406912.25
3747860.50	0.10179	(14120316)	
406921.44	3747860.50	0.12008	(14120316) 406930.63
3747860.50	0.13596	(14120316)	
406939.81	3747860.50	0.14796	(14120316) 406949.00
3747860.50	0.15508	(14120316)	
406958.18	3747860.50	0.15681	(14120316) 406967.37
3747860.50	0.15325	(14120316)	
406976.55	3747860.50	0.14503	(14120316) 406985.74
3747860.50	0.13312	(14120316)	
406867.93	3747862.36	0.07296	(14021809) 406860.35
3747859.22	0.06991	(14021809)	
406852.78	3747856.08	0.06539	(14021809) 406845.20
3747852.94	0.06290	(15021709)	
406837.62	3747849.80	0.06539	(15021709) 406830.04
3747846.66	0.06643	(15021709)	
406819.33	3747835.94	0.06878	(15021709) 406816.19
3747828.37	0.07008	(15021709)	
406813.06	3747820.79	0.06984	(15021709) 406809.92
3747813.21	0.06794	(15021709)	
406806.78	3747805.63	0.06445	(15021709) 406803.65
3747798.05	0.07650	(13121916)	
406875.51	3747865.50	0.07432	(14021809) 406884.70
3747865.50	0.07685	(14021809)	
406893.88	3747865.50	0.07734	(14021809) 406903.07
3747865.50	0.07747	(14120316)	
406912.25	3747865.50	0.09505	(14120316) 406921.44
3747865.50	0.11200	(14120316)	
406930.63	3747865.50	0.12685	(14120316) 406939.81
3747865.50	0.13830	(14120316)	
406949.00	3747865.50	0.14539	(14120316) 406958.18
3747865.50	0.14763	(14120316)	
406967.37	3747865.50	0.14505	(14120316) 406976.55
3747865.50	0.13813	(14120316)	
406985.74	3747865.50	0.12770	(14120316) 406867.43
3747867.15	0.06966	(14021809)	
406859.34	3747863.80	0.06687	(14021809) 406851.26
3747860.45	0.06251	(14021809)	

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC (YYMMDDHH)		X-COORD (M)		Y-COORD (M)	
(M)		CONC		(YYMMDDHH)		(M)		(M)	
406835.10	3747853.76	0.06181	(15021709)			406827.01			
3747850.41	0.06300	(15021709)							
406815.59	3747838.97	0.06539	(15021709)			406812.24			
3747830.89	0.06659	(15021709)							
406808.89	3747822.81	0.06614	(15021709)			406805.55			
3747814.72	0.06399	(15021709)							
406802.20	3747806.64	0.06209	(13121916)			406798.86			
3747798.55	0.07418	(13121916)							
406875.51	3747870.50	0.07065	(14021809)			406884.70			
3747870.50	0.07258	(14021809)							
406893.88	3747870.50	0.07262	(14021809)			406903.07			
3747870.50	0.07269	(14120316)							
406912.25	3747870.50	0.08894	(14120316)			406921.44			
3747870.50	0.10467	(14120316)							
406930.63	3747870.50	0.11858	(14120316)			406939.81			
3747870.50	0.12948	(14120316)							
406949.00	3747870.50	0.13651	(14120316)			406958.18			
3747870.50	0.13916	(14120316)							
406967.37	3747870.50	0.13741	(14120316)			406976.55			
3747870.50	0.13162	(14120316)							
406985.74	3747870.50	0.12251	(14120316)			406868.00			
3747872.39	0.06671	(14021809)							
406860.48	3747869.27	0.06481	(14021809)			406852.97			
3747866.16	0.06157	(14021809)							
406845.45	3747863.05	0.05720	(14021809)			406837.94			
3747859.93	0.05688	(15021709)							
406830.42	3747856.82	0.05897	(15021709)			406822.91			
3747853.71	0.05988	(15021709)							
406812.28	3747843.08	0.06199	(15021709)			406809.17			
3747835.56	0.06322	(15021709)							
406806.06	3747828.05	0.06315	(15021709)			406802.95			
3747820.53	0.06173	(15021709)							
406799.84	3747813.02	0.05897	(15021709)			406796.73			
3747805.50	0.06299	(13121916)							
406793.62	3747797.98	0.07338	(13121916)			406875.51			
3747875.50	0.06717	(14021809)							
406884.70	3747875.50	0.06858	(14021809)			406893.88			
3747875.50	0.06824	(14021809)							
406903.07	3747875.50	0.06832	(14120316)			406912.25			
3747875.50	0.08338	(14120316)							
406921.44	3747875.50	0.09801	(14120316)			406930.63			
3747875.50	0.11105	(14120316)							
406939.81	3747875.50	0.12142	(14120316)			406949.00			
3747875.50	0.12835	(14120316)							
406958.18	3747875.50	0.13132	(14120316)			406967.37			
3747875.50	0.13027	(14120316)							
406976.55	3747875.50	0.12548	(14120316)			406985.74			
3747875.50	0.11752	(14120316)							

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PE *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***                      06/27/23
*** AERMET - VERSION 16216 ***
***                                     *** 15:39:57

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406816.72	3747861.14	0.05421	(15021709)	406804.85	
3747849.26	0.05637	(15021709)			
406801.37	3747840.86	0.05743	(15021709)	406797.89	
3747832.46	0.05710	(15021709)			
406794.42	3747824.06	0.05534	(15021709)	406790.94	
3747815.66	0.05218	(15021709)			
406787.46	3747807.26	0.05897	(13121916)	406783.99	
3747798.87	0.06909	(13121916)			
406875.51	3747885.50	0.06073	(14021809)	406884.70	
3747885.50	0.06132	(14021809)			
406893.88	3747885.50	0.06042	(14021809)	406903.07	
3747885.50	0.06066	(14120316)			
406912.25	3747885.50	0.07366	(14120316)	406921.44	

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PF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:39:57
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*** THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS
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ALL	1ST HIGHEST VALUE IS	0.01574	AT (	406939.81,	3747795.50,	29.00,
29.00,	0.00) DC					
	2ND HIGHEST VALUE IS	0.01545	AT (	406930.63,	3747795.50,	29.00,

29.00, 0.00) DC
3RD HIGHEST VALUE IS 0.01530 AT (406949.00, 3747795.50, 29.00,
29.00, 0.00) DC
4TH HIGHEST VALUE IS 0.01444 AT (406921.44, 3747795.50, 29.00,
29.00, 0.00) DC
5TH HIGHEST VALUE IS 0.01429 AT (406958.18, 3747795.50, 29.00,
29.00, 0.00) DC
6TH HIGHEST VALUE IS 0.01398 AT (406990.75, 3747744.57, 29.00,
29.00, 0.00) DC
7TH HIGHEST VALUE IS 0.01387 AT (406990.75, 3747753.76, 29.00,
29.00, 0.00) DC
8TH HIGHEST VALUE IS 0.01365 AT (406939.81, 3747800.50, 29.00,
29.00, 0.00) DC
9TH HIGHEST VALUE IS 0.01341 AT (406949.00, 3747800.50, 29.00,
29.00, 0.00) DC
10TH HIGHEST VALUE IS 0.01333 AT (406930.63, 3747800.50, 29.00,
29.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:39:57

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

DATE

NETWORK

GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

ALL HIGH 1ST HIGH VALUE IS 0.44243 ON 14120316: AT (406939.81, 3747795.50,
29.00, 29.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:39:57

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*** MODELOPTs: NonDEFAULT CONC FLAT 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 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 1752 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1752 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/27/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons 4ac\14635 Cons
4ac.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
  MODELOPT CONC FLAT
  AVERTIME 1 PERIOD
  URBANOPT 3010232 Orange_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "14635 Cons 4ac.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION VOL1      VOLUME      406930.700   3747735.370           0.0
** Source Parameters **
  SRCPARAM VOL1      0.00058388      5.000      29.588      1.400
  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
  SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**

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**
RE STARTING
** BEGIN OF FENCELINE GRID RECEPTORS
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 0
** -----
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 100.00
** Tier 1: Tier Spacing = 5.00
** -----
DISCCART      406999.25      3747798.89
DISCCART      406999.26      3747789.11
DISCCART      406999.27      3747779.33
DISCCART      406999.28      3747769.56
DISCCART      406999.29      3747759.78
DISCCART      406999.30      3747750.01
DISCCART      406999.31      3747740.23
DISCCART      406999.32      3747730.46
DISCCART      406999.33      3747720.68
DISCCART      406999.34      3747710.91
DISCCART      406999.35      3747701.13
DISCCART      406999.36      3747691.36
DISCCART      406999.37      3747681.58
DISCCART      406999.38      3747671.81
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DISCCART      407004.26      3747789.11
DISCCART      407004.27      3747779.34
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DISCCART      407004.29      3747759.79
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DISCCART      407004.31      3747740.24
DISCCART      407004.32      3747730.46
DISCCART      407004.33      3747720.69
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DISCCART      407004.35      3747701.14
DISCCART      407004.36      3747691.36
DISCCART      407004.37      3747681.59
DISCCART      407004.38      3747671.81
DISCCART      407007.05      3747804.19
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DISCCART      407009.26      3747789.12
DISCCART      407009.27      3747779.34
DISCCART      407009.28      3747769.57
DISCCART      407009.29      3747759.79
DISCCART      407009.30      3747750.02
DISCCART      407009.31      3747740.24
DISCCART      407009.32      3747730.47
DISCCART      407009.33      3747720.69
DISCCART      407009.34      3747710.92
DISCCART      407009.35      3747701.14
DISCCART      407009.36      3747691.37
DISCCART      407009.37      3747681.59
DISCCART      407009.38      3747671.82
DISCCART      407011.32      3747805.96
DISCCART      407001.33      3747815.95
DISCCART      407014.25      3747798.90
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DISCCART      407014.27      3747779.35
DISCCART      407014.28      3747769.57
DISCCART      407014.29      3747759.80
DISCCART      407014.30      3747750.02
DISCCART      407014.31      3747740.25

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DISCCART	407014.32	3747730.47
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DISCCART	407014.34	3747710.92
DISCCART	407014.35	3747701.15
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DISCCART	407014.38	3747671.82
DISCCART	407015.59	3747807.73
DISCCART	407003.10	3747820.22
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DISCCART	407019.32	3747730.48
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DISCCART	407024.36	3747691.38
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DISCCART	407049.31	3747740.28
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DISCCART	407064.32	3747730.52
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DISCCART	406945.41	3747661.75
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DISCCART	406925.82	3747661.73
DISCCART	406916.02	3747661.72
DISCCART	406906.22	3747661.71
DISCCART	406896.43	3747661.70
DISCCART	406886.63	3747661.69

DISCCART	406876.84	3747661.68
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DISCCART	406821.71	3747822.37
DISCCART	406818.48	3747814.58
DISCCART	406815.26	3747806.80
DISCCART	406867.09	3747854.02
DISCCART	406876.88	3747854.01
DISCCART	406886.66	3747854.00
DISCCART	406896.45	3747853.99
DISCCART	406906.24	3747853.98
DISCCART	406916.02	3747853.97
DISCCART	406925.81	3747853.96
DISCCART	406935.59	3747853.94
DISCCART	406945.38	3747853.93
DISCCART	406955.17	3747853.92
DISCCART	406964.95	3747853.91
DISCCART	406974.74	3747853.90
DISCCART	406984.52	3747853.89
DISCCART	406994.31	3747853.88
DISCCART	406858.60	3747855.51
DISCCART	406850.11	3747852.00
DISCCART	406841.61	3747848.49
DISCCART	406833.12	3747844.98
DISCCART	406821.11	3747832.98
DISCCART	406817.59	3747824.49
DISCCART	406814.07	3747816.00
DISCCART	406810.55	3747807.51
DISCCART	406867.10	3747859.02
DISCCART	406876.88	3747859.01
DISCCART	406886.67	3747859.00
DISCCART	406896.45	3747858.99
DISCCART	406906.24	3747858.98
DISCCART	406916.03	3747858.97
DISCCART	406925.81	3747858.96
DISCCART	406935.60	3747858.94
DISCCART	406945.39	3747858.93
DISCCART	406955.17	3747858.92
DISCCART	406964.96	3747858.91
DISCCART	406974.74	3747858.90
DISCCART	406984.53	3747858.89
DISCCART	406994.32	3747858.88
DISCCART	406859.43	3747860.85
DISCCART	406851.77	3747857.68
DISCCART	406844.10	3747854.51
DISCCART	406836.43	3747851.34
DISCCART	406828.76	3747848.18
DISCCART	406817.92	3747837.34
DISCCART	406814.74	3747829.68
DISCCART	406811.56	3747822.01
DISCCART	406808.38	3747814.35
DISCCART	406805.21	3747806.68
DISCCART	406867.10	3747864.02
DISCCART	406876.89	3747864.01
DISCCART	406886.67	3747864.00
DISCCART	406896.46	3747863.99
DISCCART	406906.25	3747863.98
DISCCART	406916.03	3747863.97
DISCCART	406925.82	3747863.96
DISCCART	406935.60	3747863.94
DISCCART	406945.39	3747863.93
DISCCART	406955.18	3747863.92
DISCCART	406964.96	3747863.91

DISCCART	406974.75	3747863.90
DISCCART	406984.54	3747863.89
DISCCART	406994.32	3747863.88
DISCCART	406858.85	3747865.61
DISCCART	406850.59	3747862.19
DISCCART	406842.33	3747858.78
DISCCART	406834.08	3747855.37
DISCCART	406825.82	3747851.96
DISCCART	406814.14	3747840.29
DISCCART	406810.72	3747832.04
DISCCART	406807.29	3747823.78
DISCCART	406803.87	3747815.53
DISCCART	406800.45	3747807.27
DISCCART	406867.11	3747869.02
DISCCART	406876.89	3747869.01
DISCCART	406886.68	3747869.00
DISCCART	406896.47	3747868.99
DISCCART	406906.25	3747868.98
DISCCART	406916.04	3747868.97
DISCCART	406925.82	3747868.96
DISCCART	406935.61	3747868.94
DISCCART	406945.40	3747868.93
DISCCART	406955.18	3747868.92
DISCCART	406964.97	3747868.91
DISCCART	406974.75	3747868.90
DISCCART	406984.54	3747868.89
DISCCART	406994.33	3747868.88
DISCCART	406858.26	3747870.36
DISCCART	406849.42	3747866.71
DISCCART	406840.57	3747863.05
DISCCART	406831.72	3747859.39
DISCCART	406822.87	3747855.74
DISCCART	406810.36	3747843.24
DISCCART	406806.69	3747834.39
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DISCCART	406799.36	3747816.71
DISCCART	406795.70	3747807.86
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DISCCART	406876.90	3747874.01
DISCCART	406886.68	3747874.00
DISCCART	406896.47	3747873.99
DISCCART	406906.26	3747873.98
DISCCART	406916.04	3747873.97
DISCCART	406925.83	3747873.96
DISCCART	406935.62	3747873.94
DISCCART	406945.40	3747873.93
DISCCART	406955.19	3747873.92
DISCCART	406964.97	3747873.91
DISCCART	406974.76	3747873.90
DISCCART	406984.55	3747873.89
DISCCART	406994.33	3747873.88
DISCCART	406859.03	3747875.68
DISCCART	406850.94	3747872.33
DISCCART	406842.85	3747868.99
DISCCART	406834.76	3747865.65
DISCCART	406826.67	3747862.31
DISCCART	406818.58	3747858.96
DISCCART	406807.14	3747847.53
DISCCART	406803.79	3747839.45
DISCCART	406800.44	3747831.36
DISCCART	406797.09	3747823.28
DISCCART	406793.73	3747815.19
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DISCCART	406876.90	3747879.01
DISCCART	406886.69	3747879.00

DISCCART	406896.48	3747878.99
DISCCART	406906.26	3747878.98
DISCCART	406916.05	3747878.97
DISCCART	406925.83	3747878.96
DISCCART	406935.62	3747878.94
DISCCART	406945.41	3747878.93
DISCCART	406955.19	3747878.92
DISCCART	406964.98	3747878.91
DISCCART	406974.77	3747878.90
DISCCART	406984.55	3747878.89
DISCCART	406994.34	3747878.88
DISCCART	406858.53	3747880.47
DISCCART	406849.93	3747876.92
DISCCART	406841.34	3747873.36
DISCCART	406824.15	3747866.26
DISCCART	406815.55	3747862.71
DISCCART	406803.40	3747850.57
DISCCART	406799.84	3747841.98
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DISCCART	406792.71	3747824.79
DISCCART	406789.15	3747816.20
DISCCART	406785.59	3747807.61
DISCCART	406867.12	3747884.02
DISCCART	406876.91	3747884.01
DISCCART	406886.70	3747884.00
DISCCART	406896.48	3747883.99
DISCCART	406906.27	3747883.98
DISCCART	406916.05	3747883.97
DISCCART	406925.84	3747883.96
DISCCART	406935.63	3747883.94
DISCCART	406945.41	3747883.93
DISCCART	406955.20	3747883.92
DISCCART	406964.99	3747883.91
DISCCART	406974.77	3747883.90
DISCCART	406984.56	3747883.89
DISCCART	406994.34	3747883.88
DISCCART	406859.17	3747885.73
DISCCART	406851.20	3747882.44
DISCCART	406843.24	3747879.15
DISCCART	406835.28	3747875.86
DISCCART	406827.31	3747872.57
DISCCART	406819.35	3747869.28
DISCCART	406811.39	3747865.99
DISCCART	406800.13	3747854.74
DISCCART	406796.83	3747846.78
DISCCART	406793.53	3747838.82
DISCCART	406790.23	3747830.86
DISCCART	406786.93	3747822.90
DISCCART	406783.63	3747814.94
DISCCART	406780.33	3747806.98
DISCCART	406867.13	3747889.02
DISCCART	406876.92	3747889.01
DISCCART	406886.70	3747889.00
DISCCART	406896.49	3747888.99
DISCCART	406906.27	3747888.98
DISCCART	406916.06	3747888.97
DISCCART	406925.85	3747888.96
DISCCART	406935.63	3747888.94
DISCCART	406945.42	3747888.93
DISCCART	406955.20	3747888.92
DISCCART	406964.99	3747888.91
DISCCART	406974.78	3747888.90
DISCCART	406984.56	3747888.89
DISCCART	406994.35	3747888.88
DISCCART	406858.73	3747890.55
DISCCART	406850.32	3747887.07

DISCCART	406833.51	3747880.13
DISCCART	406825.11	3747876.65
DISCCART	406816.70	3747873.18
DISCCART	406808.30	3747869.71
DISCCART	406796.41	3747857.83
DISCCART	406792.93	3747849.43
DISCCART	406789.44	3747841.03
DISCCART	406785.96	3747832.63
DISCCART	406782.48	3747824.22
DISCCART	406779.00	3747815.82
DISCCART	406775.51	3747807.42
DISCCART	406867.13	3747894.02
DISCCART	406876.92	3747894.01
DISCCART	406886.71	3747894.00
DISCCART	406896.49	3747893.99
DISCCART	406906.28	3747893.98
DISCCART	406916.07	3747893.97
DISCCART	406925.85	3747893.96
DISCCART	406935.64	3747893.94
DISCCART	406945.42	3747893.93
DISCCART	406955.21	3747893.92
DISCCART	406965.00	3747893.91
DISCCART	406974.78	3747893.90
DISCCART	406984.57	3747893.89
DISCCART	406994.35	3747893.88
DISCCART	406858.29	3747895.36
DISCCART	406849.44	3747891.71
DISCCART	406840.60	3747888.05
DISCCART	406831.75	3747884.39
DISCCART	406822.90	3747880.74
DISCCART	406814.05	3747877.08
DISCCART	406805.21	3747873.43
DISCCART	406792.69	3747860.93
DISCCART	406789.03	3747852.08
DISCCART	406785.36	3747843.24
DISCCART	406781.69	3747834.39
DISCCART	406778.03	3747825.55
DISCCART	406774.36	3747816.71
DISCCART	406770.70	3747807.86
DISCCART	406867.14	3747899.02
DISCCART	406876.93	3747899.01
DISCCART	406886.71	3747899.00
DISCCART	406896.50	3747898.99
DISCCART	406906.28	3747898.98
DISCCART	406916.07	3747898.97
DISCCART	406925.86	3747898.96
DISCCART	406935.64	3747898.94
DISCCART	406945.43	3747898.93
DISCCART	406955.22	3747898.92
DISCCART	406965.00	3747898.91
DISCCART	406974.79	3747898.90
DISCCART	406984.57	3747898.89
DISCCART	406994.36	3747898.88
** END OF FENCELINE GRID RECEPTORS		
** Discrete Cartesian Plant Boundary - Primary Receptors		
** Plant Boundary Name PLBN1		
** Plant Boundary Name PLBN1		
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"		
DISCCART	406867.03	3747799.02
DISCCART	406994.25	3747798.88
DISCCART	406994.38	3747671.80
DISCCART	406867.03	3747671.67
RE FINISHED		
**		

** AERMOD Meteorology Pathway		

**

**

ME STARTING

SURFFILE KFUL_V9_ADJU\KFUL_v9.SFC

PROFFILE KFUL_V9_ADJU\KFUL_v9.PFL

SURFDATA 3166 2012

UAIRDATA 3190 2012

PROFBASE 29.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "14635 CONS 4AC.AD\01H1GALL.PLT" 31

PLOTFILE PERIOD ALL "14635 CONS 4AC.AD\PE00GALL.PLT" 32

SUMMFILE "14635 Cons 4ac.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 1790 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1790 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Allows User-Specified 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

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

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

**This Run Includes:      1 Source(s);           1 Source Group(s); and      1694 Receptor(s)

  with:      0 POINT(s), including
             0 POINTCAP(s) and      0 POINTHOR(s)
  and:      1 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) =   29.00 ; Decay Coef. =
0.000          ; Rot. Angle =   0.0
                Emission Units = GRAMS/SEC                      ; Emission Rate
                Unit Factor =   0.10000E+07
                Output Units  = MICROGRAMS/M**3

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

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

**Detailed Error/Message File:  14635 Cons
4ac.err
**File for Summary of Results:  14635 Cons
4ac.sum
*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***                  06/27/23
*** AERMET - VERSION 16216 ***

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*** VOLUME SOURCE DATA ***

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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

SOURCE ID = VOL1				; SOURCE TYPE = VOLUME				:			
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SCALAR	HOUR	SCALAR	HOUR	SCALAR							

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406999.2, 3747798.9,	29.0,	29.0,	0.0);	(406999.3,
3747789.1, 29.0,	29.0,	0.0);		
(406999.3, 3747779.3,	29.0,	29.0,	0.0);	(406999.3,
3747769.6, 29.0,	29.0,	0.0);		
(406999.3, 3747759.8,	29.0,	29.0,	0.0);	(406999.3,
3747750.0, 29.0,	29.0,	0.0);		
(406999.3, 3747740.2,	29.0,	29.0,	0.0);	(406999.3,
3747730.5, 29.0,	29.0,	0.0);		
(406999.3, 3747720.7,	29.0,	29.0,	0.0);	(406999.3,
3747710.9, 29.0,	29.0,	0.0);		
(406999.3, 3747701.1,	29.0,	29.0,	0.0);	(406999.4,
3747691.4, 29.0,	29.0,	0.0);		
(406999.4, 3747681.6,	29.0,	29.0,	0.0);	(406999.4,
3747671.8, 29.0,	29.0,	0.0);		
(407004.2, 3747798.9,	29.0,	29.0,	0.0);	(407004.3,
3747789.1, 29.0,	29.0,	0.0);		
(407004.3, 3747779.3,	29.0,	29.0,	0.0);	(407004.3,
3747769.6, 29.0,	29.0,	0.0);		
(407004.3, 3747759.8,	29.0,	29.0,	0.0);	(407004.3,
3747750.0, 29.0,	29.0,	0.0);		
(407004.3, 3747740.2,	29.0,	29.0,	0.0);	(407004.3,
3747730.5, 29.0,	29.0,	0.0);		
(407004.3, 3747720.7,	29.0,	29.0,	0.0);	(407004.3,
3747710.9, 29.0,	29.0,	0.0);		
(407004.3, 3747701.1,	29.0,	29.0,	0.0);	(407004.4,
3747691.4, 29.0,	29.0,	0.0);		
(407004.4, 3747681.6,	29.0,	29.0,	0.0);	(407004.4,
3747671.8, 29.0,	29.0,	0.0);		
(407007.0, 3747804.2,	29.0,	29.0,	0.0);	(406999.6,
3747811.7, 29.0,	29.0,	0.0);		
(407009.2, 3747798.9,	29.0,	29.0,	0.0);	(407009.3,
3747789.1, 29.0,	29.0,	0.0);		

(407009.3, 3747779.3,	29.0,	29.0,	0.0);	(407009.3,
3747769.6,	29.0,	29.0,	0.0);	
(407009.3, 3747759.8,	29.0,	29.0,	0.0);	(407009.3,
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(407009.3, 3747740.2,	29.0,	29.0,	0.0);	(407009.3,
3747730.5,	29.0,	29.0,	0.0);	
(407009.3, 3747720.7,	29.0,	29.0,	0.0);	(407009.3,
3747710.9,	29.0,	29.0,	0.0);	
(407009.3, 3747701.1,	29.0,	29.0,	0.0);	(407009.4,
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(407009.4, 3747681.6,	29.0,	29.0,	0.0);	(407009.4,
3747671.8,	29.0,	29.0,	0.0);	
(407011.3, 3747806.0,	29.0,	29.0,	0.0);	(407001.3,
3747815.9,	29.0,	29.0,	0.0);	
(407014.2, 3747798.9,	29.0,	29.0,	0.0);	(407014.3,
3747789.1,	29.0,	29.0,	0.0);	
(407014.3, 3747779.3,	29.0,	29.0,	0.0);	(407014.3,
3747769.6,	29.0,	29.0,	0.0);	
(407014.3, 3747759.8,	29.0,	29.0,	0.0);	(407014.3,
3747750.0,	29.0,	29.0,	0.0);	
(407014.3, 3747740.2,	29.0,	29.0,	0.0);	(407014.3,
3747730.5,	29.0,	29.0,	0.0);	
(407014.3, 3747720.7,	29.0,	29.0,	0.0);	(407014.3,
3747710.9,	29.0,	29.0,	0.0);	
(407014.3, 3747701.1,	29.0,	29.0,	0.0);	(407014.4,
3747691.4,	29.0,	29.0,	0.0);	
(407014.4, 3747681.6,	29.0,	29.0,	0.0);	(407014.4,
3747671.8,	29.0,	29.0,	0.0);	
(407015.6, 3747807.7,	29.0,	29.0,	0.0);	(407003.1,
3747820.2,	29.0,	29.0,	0.0);	
(407019.2, 3747798.9,	29.0,	29.0,	0.0);	(407019.3,
3747789.1,	29.0,	29.0,	0.0);	
(407019.3, 3747779.3,	29.0,	29.0,	0.0);	(407019.3,
3747769.6,	29.0,	29.0,	0.0);	
(407019.3, 3747759.8,	29.0,	29.0,	0.0);	(407019.3,
3747750.0,	29.0,	29.0,	0.0);	
(407019.3, 3747740.2,	29.0,	29.0,	0.0);	(407019.3,
3747730.5,	29.0,	29.0,	0.0);	
(407019.3, 3747720.7,	29.0,	29.0,	0.0);	(407019.3,
3747710.9,	29.0,	29.0,	0.0);	
(407019.3, 3747701.1,	29.0,	29.0,	0.0);	(407019.4,
3747691.4,	29.0,	29.0,	0.0);	
(407019.4, 3747681.6,	29.0,	29.0,	0.0);	(407019.4,
3747671.8,	29.0,	29.0,	0.0);	
(407021.3, 3747806.0,	29.0,	29.0,	0.0);	(407018.4,
3747813.0,	29.0,	29.0,	0.0);	
(407008.4, 3747823.0,	29.0,	29.0,	0.0);	(407001.3,
3747825.9,	29.0,	29.0,	0.0);	
(407024.2, 3747798.9,	29.0,	29.0,	0.0);	(407024.3,
3747789.1,	29.0,	29.0,	0.0);	
(407024.3, 3747779.4,	29.0,	29.0,	0.0);	(407024.3,
3747769.6,	29.0,	29.0,	0.0);	
(407024.3, 3747759.8,	29.0,	29.0,	0.0);	(407024.3,
3747750.0,	29.0,	29.0,	0.0);	
(407024.3, 3747740.3,	29.0,	29.0,	0.0);	(407024.3,
3747730.5,	29.0,	29.0,	0.0);	
(407024.3, 3747720.7,	29.0,	29.0,	0.0);	(407024.3,
3747710.9,	29.0,	29.0,	0.0);	

 *** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

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

(407024.3, 3747701.2,	29.0,	29.0,	0.0);	(407024.4,
3747691.4,	29.0,	29.0,	0.0);	
(407024.4, 3747681.6,	29.0,	29.0,	0.0);	(407024.4,
3747671.8,	29.0,	29.0,	0.0);	
(407025.8, 3747807.1,	29.0,	29.0,	0.0);	(407022.4,
3747815.4,	29.0,	29.0,	0.0);	
(407010.8, 3747827.0,	29.0,	29.0,	0.0);	(407002.5,
3747830.5,	29.0,	29.0,	0.0);	
(407029.2, 3747798.9,	29.0,	29.0,	0.0);	(407029.3,
3747789.1,	29.0,	29.0,	0.0);	
(407029.3, 3747779.4,	29.0,	29.0,	0.0);	(407029.3,
3747769.6,	29.0,	29.0,	0.0);	
(407029.3, 3747759.8,	29.0,	29.0,	0.0);	(407029.3,
3747750.0,	29.0,	29.0,	0.0);	
(407029.3, 3747740.3,	29.0,	29.0,	0.0);	(407029.3,
3747730.5,	29.0,	29.0,	0.0);	
(407029.3, 3747720.7,	29.0,	29.0,	0.0);	(407029.3,
3747710.9,	29.0,	29.0,	0.0);	
(407029.3, 3747701.2,	29.0,	29.0,	0.0);	(407029.4,
3747691.4,	29.0,	29.0,	0.0);	
(407029.4, 3747681.6,	29.0,	29.0,	0.0);	(407029.4,
3747671.8,	29.0,	29.0,	0.0);	
(407031.3, 3747806.0,	29.0,	29.0,	0.0);	(407028.4,
3747813.0,	29.0,	29.0,	0.0);	
(407025.5, 3747820.1,	29.0,	29.0,	0.0);	(407015.5,
3747830.1,	29.0,	29.0,	0.0);	
(407008.4, 3747833.0,	29.0,	29.0,	0.0);	(407001.3,
3747835.9,	29.0,	29.0,	0.0);	
(407034.2, 3747798.9,	29.0,	29.0,	0.0);	(407034.3,
3747789.1,	29.0,	29.0,	0.0);	
(407034.3, 3747779.4,	29.0,	29.0,	0.0);	(407034.3,
3747769.6,	29.0,	29.0,	0.0);	
(407034.3, 3747759.8,	29.0,	29.0,	0.0);	(407034.3,
3747750.0,	29.0,	29.0,	0.0);	
(407034.3, 3747740.3,	29.0,	29.0,	0.0);	(407034.3,
3747730.5,	29.0,	29.0,	0.0);	
(407034.3, 3747720.7,	29.0,	29.0,	0.0);	(407034.3,
3747710.9,	29.0,	29.0,	0.0);	
(407034.3, 3747701.2,	29.0,	29.0,	0.0);	(407034.4,
3747691.4,	29.0,	29.0,	0.0);	
(407034.4, 3747681.6,	29.0,	29.0,	0.0);	(407034.4,
3747671.8,	29.0,	29.0,	0.0);	
(407036.0, 3747806.9,	29.0,	29.0,	0.0);	(407032.7,
3747814.8,	29.0,	29.0,	0.0);	
(407029.4, 3747822.8,	29.0,	29.0,	0.0);	(407018.1,
3747834.0,	29.0,	29.0,	0.0);	
(407010.2, 3747837.3,	29.0,	29.0,	0.0);	(407002.2,
3747840.6,	29.0,	29.0,	0.0);	
(407039.2, 3747798.9,	29.0,	29.0,	0.0);	(407039.3,
3747789.1,	29.0,	29.0,	0.0);	
(407039.3, 3747779.4,	29.0,	29.0,	0.0);	(407039.3,
3747769.6,	29.0,	29.0,	0.0);	
(407039.3, 3747759.8,	29.0,	29.0,	0.0);	(407039.3,
3747750.0,	29.0,	29.0,	0.0);	
(407039.3, 3747740.3,	29.0,	29.0,	0.0);	(407039.3,
3747730.5,	29.0,	29.0,	0.0);	
(407039.3, 3747720.7,	29.0,	29.0,	0.0);	(407039.3,
3747710.9,	29.0,	29.0,	0.0);	
(407039.3, 3747701.2,	29.0,	29.0,	0.0);	(407039.4,
3747691.4,	29.0,	29.0,	0.0);	
(407039.4, 3747681.6,	29.0,	29.0,	0.0);	(407039.4,
3747671.8,	29.0,	29.0,	0.0);	

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( 407040.6, 3747807.8, 29.0, 29.0, 0.0); ( 407036.9,
3747816.6, 29.0, 29.0, 0.0);
( 407033.3, 3747825.4, 29.0, 29.0, 0.0); ( 407020.8,
3747837.9, 29.0, 29.0, 0.0);
( 407012.0, 3747841.6, 29.0, 29.0, 0.0); ( 407003.1,
3747845.2, 29.0, 29.0, 0.0);
( 407044.2, 3747798.9, 29.0, 29.0, 0.0); ( 407044.3,
3747789.2, 29.0, 29.0, 0.0);
( 407044.3, 3747779.4, 29.0, 29.0, 0.0); ( 407044.3,
3747769.6, 29.0, 29.0, 0.0);
( 407044.3, 3747759.8, 29.0, 29.0, 0.0); ( 407044.3,
3747750.0, 29.0, 29.0, 0.0);
( 407044.3, 3747740.3, 29.0, 29.0, 0.0); ( 407044.3,
3747730.5, 29.0, 29.0, 0.0);
( 407044.3, 3747720.7, 29.0, 29.0, 0.0); ( 407044.3,
3747710.9, 29.0, 29.0, 0.0);
( 407044.3, 3747701.2, 29.0, 29.0, 0.0); ( 407044.4,
3747691.4, 29.0, 29.0, 0.0);
( 407044.4, 3747681.6, 29.0, 29.0, 0.0); ( 407044.4,
3747671.8, 29.0, 29.0, 0.0);
( 407046.0, 3747806.7, 29.0, 29.0, 0.0); ( 407042.8,
3747814.5, 29.0, 29.0, 0.0);
( 407039.6, 3747822.2, 29.0, 29.0, 0.0); ( 407036.4,
3747830.0, 29.0, 29.0, 0.0);
( 407025.4, 3747841.0, 29.0, 29.0, 0.0); ( 407017.6,
3747844.2, 29.0, 29.0, 0.0);
( 407009.8, 3747847.4, 29.0, 29.0, 0.0); ( 407002.1,
3747850.7, 29.0, 29.0, 0.0);

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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:58:07

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

```

( 407049.2, 3747798.9, 29.0, 29.0, 0.0); ( 407049.3,
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( 407049.3, 3747779.4, 29.0, 29.0, 0.0); ( 407049.3,
3747769.6, 29.0, 29.0, 0.0);
( 407049.3, 3747759.8, 29.0, 29.0, 0.0); ( 407049.3,
3747750.1, 29.0, 29.0, 0.0);
( 407049.3, 3747740.3, 29.0, 29.0, 0.0); ( 407049.3,
3747730.5, 29.0, 29.0, 0.0);
( 407049.3, 3747720.7, 29.0, 29.0, 0.0); ( 407049.3,
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( 407049.3, 3747701.2, 29.0, 29.0, 0.0); ( 407049.4,
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( 407049.4, 3747681.6, 29.0, 29.0, 0.0); ( 407049.4,
3747671.9, 29.0, 29.0, 0.0);
( 407050.7, 3747807.4, 29.0, 29.0, 0.0); ( 407047.2,
3747815.9, 29.0, 29.0, 0.0);
( 407043.7, 3747824.4, 29.0, 29.0, 0.0); ( 407040.2,
3747832.8, 29.0, 29.0, 0.0);
( 407028.2, 3747844.8, 29.0, 29.0, 0.0); ( 407019.7,
3747848.3, 29.0, 29.0, 0.0);
( 407002.8, 3747855.4, 29.0, 29.0, 0.0); ( 407054.2,
3747798.9, 29.0, 29.0, 0.0);
( 407054.3, 3747789.2, 29.0, 29.0, 0.0); ( 407054.3,
3747779.4, 29.0, 29.0, 0.0);
( 407054.3, 3747769.6, 29.0, 29.0, 0.0); ( 407054.3,
3747759.8, 29.0, 29.0, 0.0);

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(407054.3, 3747750.1, 29.0, 29.0, 0.0);	(407054.3,
3747740.3, 29.0, 29.0, 0.0);	
(407054.3, 3747730.5, 29.0, 29.0, 0.0);	(407054.3,
3747720.7, 29.0, 29.0, 0.0);	
(407054.3, 3747711.0, 29.0, 29.0, 0.0);	(407054.3,
3747701.2, 29.0, 29.0, 0.0);	
(407054.4, 3747691.4, 29.0, 29.0, 0.0);	(407054.4,
3747681.6, 29.0, 29.0, 0.0);	
(407054.4, 3747671.9, 29.0, 29.0, 0.0);	(407056.1,
3747806.6, 29.0, 29.0, 0.0);	
(407052.9, 3747814.2, 29.0, 29.0, 0.0);	(407049.7,
3747821.9, 29.0, 29.0, 0.0);	
(407046.6, 3747829.5, 29.0, 29.0, 0.0);	(407043.4,
3747837.2, 29.0, 29.0, 0.0);	
(407032.6, 3747848.0, 29.0, 29.0, 0.0);	(407024.9,
3747851.2, 29.0, 29.0, 0.0);	
(407017.3, 3747854.4, 29.0, 29.0, 0.0);	(407009.6,
3747857.5, 29.0, 29.0, 0.0);	
(407002.0, 3747860.7, 29.0, 29.0, 0.0);	(407059.2,
3747798.9, 29.0, 29.0, 0.0);	
(407059.3, 3747789.2, 29.0, 29.0, 0.0);	(407059.3,
3747779.4, 29.0, 29.0, 0.0);	
(407059.3, 3747769.6, 29.0, 29.0, 0.0);	(407059.3,
3747759.8, 29.0, 29.0, 0.0);	
(407059.3, 3747750.1, 29.0, 29.0, 0.0);	(407059.3,
3747740.3, 29.0, 29.0, 0.0);	
(407059.3, 3747730.5, 29.0, 29.0, 0.0);	(407059.3,
3747720.7, 29.0, 29.0, 0.0);	
(407059.3, 3747711.0, 29.0, 29.0, 0.0);	(407059.3,
3747701.2, 29.0, 29.0, 0.0);	
(407059.4, 3747691.4, 29.0, 29.0, 0.0);	(407059.4,
3747681.6, 29.0, 29.0, 0.0);	
(407059.4, 3747671.9, 29.0, 29.0, 0.0);	(407060.8,
3747807.2, 29.0, 29.0, 0.0);	
(407057.4, 3747815.4, 29.0, 29.0, 0.0);	(407054.0,
3747823.7, 29.0, 29.0, 0.0);	
(407050.6, 3747831.9, 29.0, 29.0, 0.0);	(407047.2,
3747840.1, 29.0, 29.0, 0.0);	
(407035.5, 3747851.8, 29.0, 29.0, 0.0);	(407027.3,
3747855.2, 29.0, 29.0, 0.0);	
(407019.0, 3747858.6, 29.0, 29.0, 0.0);	(407010.8,
3747862.0, 29.0, 29.0, 0.0);	
(407002.6, 3747865.5, 29.0, 29.0, 0.0);	(407064.2,
3747798.9, 29.0, 29.0, 0.0);	
(407064.3, 3747789.2, 29.0, 29.0, 0.0);	(407064.3,
3747779.4, 29.0, 29.0, 0.0);	
(407064.3, 3747769.6, 29.0, 29.0, 0.0);	(407064.3,
3747759.8, 29.0, 29.0, 0.0);	
(407064.3, 3747750.1, 29.0, 29.0, 0.0);	(407064.3,
3747740.3, 29.0, 29.0, 0.0);	
(407064.3, 3747730.5, 29.0, 29.0, 0.0);	(407064.3,
3747720.8, 29.0, 29.0, 0.0);	
(407064.3, 3747711.0, 29.0, 29.0, 0.0);	(407064.3,
3747701.2, 29.0, 29.0, 0.0);	
(407064.4, 3747691.4, 29.0, 29.0, 0.0);	(407064.4,
3747681.6, 29.0, 29.0, 0.0);	
(407064.4, 3747671.9, 29.0, 29.0, 0.0);	(407065.6,
3747807.8, 29.0, 29.0, 0.0);	
(407061.9, 3747816.6, 29.0, 29.0, 0.0);	(407058.3,
3747825.4, 29.0, 29.0, 0.0);	
(407054.6, 3747834.3, 29.0, 29.0, 0.0);	(407051.0,
3747843.1, 29.0, 29.0, 0.0);	
(407038.5, 3747855.6, 29.0, 29.0, 0.0);	(407029.6,
3747859.2, 29.0, 29.0, 0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(407020.8, 3747862.9,	29.0,	29.0,	0.0);	(407012.0,
3747866.6,	29.0,	29.0,	0.0);	
(407003.2, 3747870.2,	29.0,	29.0,	0.0);	(407069.2,
3747799.0,	29.0,	29.0,	0.0);	
(407069.3, 3747789.2,	29.0,	29.0,	0.0);	(407069.3,
3747779.4,	29.0,	29.0,	0.0);	
(407069.3, 3747769.6,	29.0,	29.0,	0.0);	(407069.3,
3747759.9,	29.0,	29.0,	0.0);	
(407069.3, 3747750.1,	29.0,	29.0,	0.0);	(407069.3,
3747740.3,	29.0,	29.0,	0.0);	
(407069.3, 3747730.5,	29.0,	29.0,	0.0);	(407069.3,
3747720.8,	29.0,	29.0,	0.0);	
(407069.3, 3747711.0,	29.0,	29.0,	0.0);	(407069.3,
3747701.2,	29.0,	29.0,	0.0);	
(407069.4, 3747691.4,	29.0,	29.0,	0.0);	(407069.4,
3747681.6,	29.0,	29.0,	0.0);	
(407069.4, 3747671.9,	29.0,	29.0,	0.0);	(407070.9,
3747807.0,	29.0,	29.0,	0.0);	
(407067.6, 3747815.1,	29.0,	29.0,	0.0);	(407064.2,
3747823.2,	29.0,	29.0,	0.0);	
(407060.9, 3747831.2,	29.0,	29.0,	0.0);	(407057.5,
3747839.3,	29.0,	29.0,	0.0);	
(407054.2, 3747847.4,	29.0,	29.0,	0.0);	(407042.8,
3747858.8,	29.0,	29.0,	0.0);	
(407034.7, 3747862.1,	29.0,	29.0,	0.0);	(407026.6,
3747865.5,	29.0,	29.0,	0.0);	
(407018.5, 3747868.8,	29.0,	29.0,	0.0);	(407010.5,
3747872.2,	29.0,	29.0,	0.0);	
(407002.4, 3747875.5,	29.0,	29.0,	0.0);	(407074.2,
3747799.0,	29.0,	29.0,	0.0);	
(407074.3, 3747789.2,	29.0,	29.0,	0.0);	(407074.3,
3747779.4,	29.0,	29.0,	0.0);	
(407074.3, 3747769.6,	29.0,	29.0,	0.0);	(407074.3,
3747759.9,	29.0,	29.0,	0.0);	
(407074.3, 3747750.1,	29.0,	29.0,	0.0);	(407074.3,
3747740.3,	29.0,	29.0,	0.0);	
(407074.3, 3747730.5,	29.0,	29.0,	0.0);	(407074.3,
3747720.8,	29.0,	29.0,	0.0);	
(407074.3, 3747711.0,	29.0,	29.0,	0.0);	(407074.3,
3747701.2,	29.0,	29.0,	0.0);	
(407074.4, 3747691.4,	29.0,	29.0,	0.0);	(407074.4,
3747681.7,	29.0,	29.0,	0.0);	
(407074.4, 3747671.9,	29.0,	29.0,	0.0);	(407075.7,
3747807.5,	29.0,	29.0,	0.0);	
(407072.1, 3747816.1,	29.0,	29.0,	0.0);	(407068.6,
3747824.7,	29.0,	29.0,	0.0);	
(407065.0, 3747833.3,	29.0,	29.0,	0.0);	(407061.5,
3747841.8,	29.0,	29.0,	0.0);	
(407057.9, 3747850.4,	29.0,	29.0,	0.0);	(407045.8,
3747862.5,	29.0,	29.0,	0.0);	
(407037.2, 3747866.1,	29.0,	29.0,	0.0);	(407028.6,
3747869.6,	29.0,	29.0,	0.0);	
(407020.1, 3747873.2,	29.0,	29.0,	0.0);	(407011.5,
3747876.8,	29.0,	29.0,	0.0);	
(407002.9, 3747880.3,	29.0,	29.0,	0.0);	(407079.2,
3747799.0,	29.0,	29.0,	0.0);	

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( 407079.3, 3747769.6, 29.0, 29.0, 0.0); ( 407079.3,
3747759.9, 29.0, 29.0, 0.0);
( 407079.3, 3747750.1, 29.0, 29.0, 0.0); ( 407079.3,
3747740.3, 29.0, 29.0, 0.0);
( 407079.3, 3747730.5, 29.0, 29.0, 0.0); ( 407079.3,
3747720.8, 29.0, 29.0, 0.0);
( 407079.3, 3747711.0, 29.0, 29.0, 0.0); ( 407079.3,
3747701.2, 29.0, 29.0, 0.0);
( 407079.4, 3747691.4, 29.0, 29.0, 0.0); ( 407079.4,
3747681.7, 29.0, 29.0, 0.0);
( 407079.4, 3747671.9, 29.0, 29.0, 0.0); ( 407081.0,
3747806.9, 29.0, 29.0, 0.0);
( 407077.7, 3747814.9, 29.0, 29.0, 0.0); ( 407074.4,
3747822.8, 29.0, 29.0, 0.0);
( 407071.1, 3747830.7, 29.0, 29.0, 0.0); ( 407067.8,
3747838.7, 29.0, 29.0, 0.0);
( 407064.5, 3747846.6, 29.0, 29.0, 0.0); ( 407061.2,
3747854.6, 29.0, 29.0, 0.0);
( 407050.0, 3747865.8, 29.0, 29.0, 0.0); ( 407042.0,
3747869.1, 29.0, 29.0, 0.0);
( 407034.1, 3747872.4, 29.0, 29.0, 0.0); ( 407026.1,
3747875.7, 29.0, 29.0, 0.0);
( 407018.2, 3747879.0, 29.0, 29.0, 0.0); ( 407010.2,
3747882.3, 29.0, 29.0, 0.0);
( 407002.3, 3747885.6, 29.0, 29.0, 0.0); ( 407084.2,
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( 407084.3, 3747789.2, 29.0, 29.0, 0.0); ( 407084.3,
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( 407084.3, 3747769.6, 29.0, 29.0, 0.0); ( 407084.3,
3747759.9, 29.0, 29.0, 0.0);
( 407084.3, 3747750.1, 29.0, 29.0, 0.0); ( 407084.3,
3747740.3, 29.0, 29.0, 0.0);

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

```

( 407084.3, 3747730.5, 29.0, 29.0, 0.0); ( 407084.3,
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( 407084.3, 3747711.0, 29.0, 29.0, 0.0); ( 407084.3,
3747701.2, 29.0, 29.0, 0.0);
( 407084.4, 3747691.4, 29.0, 29.0, 0.0); ( 407084.4,
3747681.7, 29.0, 29.0, 0.0);
( 407084.4, 3747671.9, 29.0, 29.0, 0.0); ( 407085.8,
3747807.4, 29.0, 29.0, 0.0);
( 407082.3, 3747815.8, 29.0, 29.0, 0.0); ( 407078.8,
3747824.1, 29.0, 29.0, 0.0);
( 407075.3, 3747832.5, 29.0, 29.0, 0.0); ( 407071.9,
3747840.9, 29.0, 29.0, 0.0);
( 407068.4, 3747849.3, 29.0, 29.0, 0.0); ( 407064.9,
3747857.7, 29.0, 29.0, 0.0);
( 407053.0, 3747869.5, 29.0, 29.0, 0.0); ( 407044.7,
3747873.0, 29.0, 29.0, 0.0);
( 407036.3, 3747876.5, 29.0, 29.0, 0.0); ( 407027.9,
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3747886.9, 29.0, 29.0, 0.0);

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3747759.9,	29.0,	29.0,	0.0);	
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3747720.8,	29.0,	29.0,	0.0);	
(407089.3, 3747711.0,	29.0,	29.0,	0.0);	(407089.3,
3747701.2,	29.0,	29.0,	0.0);	
(407089.4, 3747691.4,	29.0,	29.0,	0.0);	(407089.4,
3747681.7,	29.0,	29.0,	0.0);	
(407089.4, 3747671.9,	29.0,	29.0,	0.0);	(407090.6,
3747807.8,	29.0,	29.0,	0.0);	
(407086.9, 3747816.6,	29.0,	29.0,	0.0);	(407083.3,
3747825.5,	29.0,	29.0,	0.0);	
(407079.6, 3747834.3,	29.0,	29.0,	0.0);	(407076.0,
3747843.1,	29.0,	29.0,	0.0);	
(407072.3, 3747851.9,	29.0,	29.0,	0.0);	(407068.6,
3747860.8,	29.0,	29.0,	0.0);	
(407056.1, 3747873.2,	29.0,	29.0,	0.0);	(407047.3,
3747876.9,	29.0,	29.0,	0.0);	
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(407020.8, 3747887.9,	29.0,	29.0,	0.0);	(407012.0,
3747891.6,	29.0,	29.0,	0.0);	
(407003.2, 3747895.2,	29.0,	29.0,	0.0);	(407094.2,
3747799.0,	29.0,	29.0,	0.0);	
(407094.3, 3747789.2,	29.0,	29.0,	0.0);	(407094.3,
3747779.4,	29.0,	29.0,	0.0);	
(407094.3, 3747769.7,	29.0,	29.0,	0.0);	(407094.3,
3747759.9,	29.0,	29.0,	0.0);	
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(407094.3, 3747730.5,	29.0,	29.0,	0.0);	(407094.3,
3747720.8,	29.0,	29.0,	0.0);	
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(406984.6, 3747666.8,	29.0,	29.0,	0.0);	(406974.8,
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(406965.0, 3747666.8,	29.0,	29.0,	0.0);	(406955.2,
3747666.8,	29.0,	29.0,	0.0);	
(406945.4, 3747666.8,	29.0,	29.0,	0.0);	(406935.6,
3747666.7,	29.0,	29.0,	0.0);	
(406925.8, 3747666.7,	29.0,	29.0,	0.0);	(406916.0,
3747666.7,	29.0,	29.0,	0.0);	
(406906.2, 3747666.7,	29.0,	29.0,	0.0);	(406896.4,
3747666.7,	29.0,	29.0,	0.0);	
(406886.6, 3747666.7,	29.0,	29.0,	0.0);	(406876.8,
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(406984.6, 3747661.8,	29.0,	29.0,	0.0);	(406974.8,
3747661.8,	29.0,	29.0,	0.0);	
(406965.0, 3747661.8,	29.0,	29.0,	0.0);	(406955.2,
3747661.8,	29.0,	29.0,	0.0);	
(406945.4, 3747661.8,	29.0,	29.0,	0.0);	(406935.6,
3747661.7,	29.0,	29.0,	0.0);	
(406925.8, 3747661.7,	29.0,	29.0,	0.0);	(406916.0,
3747661.7,	29.0,	29.0,	0.0);	

(406906.2, 3747661.7, 29.0, 29.0, 0.0); (406896.4,
3747661.7, 29.0, 29.0, 0.0);
(406886.6, 3747661.7, 29.0, 29.0, 0.0); (406876.8,
3747661.7, 29.0, 29.0, 0.0);

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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(406965.0, 3747656.8, 29.0, 29.0, 0.0); (406955.2,
3747656.8, 29.0, 29.0, 0.0);
(406945.4, 3747656.8, 29.0, 29.0, 0.0); (406935.6,
3747656.7, 29.0, 29.0, 0.0);
(406925.8, 3747656.7, 29.0, 29.0, 0.0); (406916.0,
3747656.7, 29.0, 29.0, 0.0);
(406906.2, 3747656.7, 29.0, 29.0, 0.0); (406896.4,
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(406886.6, 3747656.7, 29.0, 29.0, 0.0); (406876.8,
3747656.7, 29.0, 29.0, 0.0);
(406867.0, 3747656.7, 29.0, 29.0, 0.0); (407001.5,
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(407011.5, 3747664.8, 29.0, 29.0, 0.0); (406994.4,
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(406984.6, 3747651.8, 29.0, 29.0, 0.0); (406974.8,
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(406945.4, 3747651.8, 29.0, 29.0, 0.0); (406935.6,
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(406925.8, 3747651.7, 29.0, 29.0, 0.0); (406916.0,
3747651.7, 29.0, 29.0, 0.0);
(406906.2, 3747651.7, 29.0, 29.0, 0.0); (406896.4,
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(406886.6, 3747651.7, 29.0, 29.0, 0.0); (406876.8,
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3747646.7, 29.0, 29.0, 0.0);
(406906.2, 3747646.7, 29.0, 29.0, 0.0); (406896.4,
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(406886.6, 3747646.7, 29.0, 29.0, 0.0); (406876.8,
3747646.7, 29.0, 29.0, 0.0);
(406867.1, 3747646.7, 29.0, 29.0, 0.0); (407001.5,
3747644.7, 29.0, 29.0, 0.0);

(407008.5, 3747647.7,	29.0,	29.0,	0.0);	(407018.5,
3747657.7,	29.0,	29.0,	0.0);	
(407021.5, 3747664.8,	29.0,	29.0,	0.0);	(406994.4,
3747641.8,	29.0,	29.0,	0.0);	
(406984.6, 3747641.8,	29.0,	29.0,	0.0);	(406974.8,
3747641.8,	29.0,	29.0,	0.0);	
(406965.0, 3747641.8,	29.0,	29.0,	0.0);	(406955.2,
3747641.8,	29.0,	29.0,	0.0);	
(406945.4, 3747641.8,	29.0,	29.0,	0.0);	(406935.6,
3747641.7,	29.0,	29.0,	0.0);	
(406925.8, 3747641.7,	29.0,	29.0,	0.0);	(406916.0,
3747641.7,	29.0,	29.0,	0.0);	
(406906.2, 3747641.7,	29.0,	29.0,	0.0);	(406896.5,
3747641.7,	29.0,	29.0,	0.0);	
(406886.6, 3747641.7,	29.0,	29.0,	0.0);	(406876.9,
3747641.7,	29.0,	29.0,	0.0);	
(406867.1, 3747641.7,	29.0,	29.0,	0.0);	(407002.7,
3747640.2,	29.0,	29.0,	0.0);	
(407010.9, 3747643.6,	29.0,	29.0,	0.0);	(407022.6,
3747655.3,	29.0,	29.0,	0.0);	
(407026.0, 3747663.6,	29.0,	29.0,	0.0);	(406994.4,
3747636.8,	29.0,	29.0,	0.0);	
(406984.6, 3747636.8,	29.0,	29.0,	0.0);	(406974.8,
3747636.8,	29.0,	29.0,	0.0);	
(406965.0, 3747636.8,	29.0,	29.0,	0.0);	(406955.2,
3747636.8,	29.0,	29.0,	0.0);	
(406945.4, 3747636.8,	29.0,	29.0,	0.0);	(406935.6,
3747636.7,	29.0,	29.0,	0.0);	
(406925.8, 3747636.7,	29.0,	29.0,	0.0);	(406916.0,
3747636.7,	29.0,	29.0,	0.0);	
(406906.2, 3747636.7,	29.0,	29.0,	0.0);	(406896.5,
3747636.7,	29.0,	29.0,	0.0);	
(406886.7, 3747636.7,	29.0,	29.0,	0.0);	(406876.9,
3747636.7,	29.0,	29.0,	0.0);	
(406867.1, 3747636.7,	29.0,	29.0,	0.0);	(407001.5,
3747634.7,	29.0,	29.0,	0.0);	
(407008.6, 3747637.7,	29.0,	29.0,	0.0);	(407015.6,
3747640.6,	29.0,	29.0,	0.0);	
(407025.6, 3747650.6,	29.0,	29.0,	0.0);	(407028.5,
3747657.7,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(407031.5, 3747664.8,	29.0,	29.0,	0.0);	(406994.4,
3747631.8,	29.0,	29.0,	0.0);	
(406984.6, 3747631.8,	29.0,	29.0,	0.0);	(406974.8,
3747631.8,	29.0,	29.0,	0.0);	
(406965.0, 3747631.8,	29.0,	29.0,	0.0);	(406955.2,
3747631.8,	29.0,	29.0,	0.0);	
(406945.4, 3747631.8,	29.0,	29.0,	0.0);	(406935.6,
3747631.7,	29.0,	29.0,	0.0);	
(406925.8, 3747631.7,	29.0,	29.0,	0.0);	(406916.0,
3747631.7,	29.0,	29.0,	0.0);	
(406906.3, 3747631.7,	29.0,	29.0,	0.0);	(406896.5,
3747631.7,	29.0,	29.0,	0.0);	
(406886.7, 3747631.7,	29.0,	29.0,	0.0);	(406876.9,
3747631.7,	29.0,	29.0,	0.0);	

(406867.1, 3747631.7,	29.0,	29.0,	0.0);	(407002.4,
3747630.1,	29.0,	29.0,	0.0);	
(407010.3, 3747633.4,	29.0,	29.0,	0.0);	(407018.3,
3747636.7,	29.0,	29.0,	0.0);	
(407029.5, 3747648.0,	29.0,	29.0,	0.0);	(407032.8,
3747655.9,	29.0,	29.0,	0.0);	
(407036.1, 3747663.9,	29.0,	29.0,	0.0);	(406994.4,
3747626.8,	29.0,	29.0,	0.0);	
(406984.6, 3747626.8,	29.0,	29.0,	0.0);	(406974.8,
3747626.8,	29.0,	29.0,	0.0);	
(406965.0, 3747626.8,	29.0,	29.0,	0.0);	(406955.2,
3747626.8,	29.0,	29.0,	0.0);	
(406945.5, 3747626.8,	29.0,	29.0,	0.0);	(406935.6,
3747626.7,	29.0,	29.0,	0.0);	
(406925.8, 3747626.7,	29.0,	29.0,	0.0);	(406916.1,
3747626.7,	29.0,	29.0,	0.0);	
(406906.3, 3747626.7,	29.0,	29.0,	0.0);	(406896.5,
3747626.7,	29.0,	29.0,	0.0);	
(406886.7, 3747626.7,	29.0,	29.0,	0.0);	(406876.9,
3747626.7,	29.0,	29.0,	0.0);	
(406867.1, 3747626.7,	29.0,	29.0,	0.0);	(407003.3,
3747625.5,	29.0,	29.0,	0.0);	
(407012.1, 3747629.1,	29.0,	29.0,	0.0);	(407020.9,
3747632.8,	29.0,	29.0,	0.0);	
(407033.4, 3747645.3,	29.0,	29.0,	0.0);	(407037.1,
3747654.2,	29.0,	29.0,	0.0);	
(407040.7, 3747663.0,	29.0,	29.0,	0.0);	(406994.4,
3747621.8,	29.0,	29.0,	0.0);	
(406984.6, 3747621.8,	29.0,	29.0,	0.0);	(406974.8,
3747621.8,	29.0,	29.0,	0.0);	
(406965.0, 3747621.8,	29.0,	29.0,	0.0);	(406955.2,
3747621.8,	29.0,	29.0,	0.0);	
(406945.5, 3747621.8,	29.0,	29.0,	0.0);	(406935.6,
3747621.7,	29.0,	29.0,	0.0);	
(406925.9, 3747621.7,	29.0,	29.0,	0.0);	(406916.1,
3747621.7,	29.0,	29.0,	0.0);	
(406906.3, 3747621.7,	29.0,	29.0,	0.0);	(406896.5,
3747621.7,	29.0,	29.0,	0.0);	
(406886.7, 3747621.7,	29.0,	29.0,	0.0);	(406876.9,
3747621.7,	29.0,	29.0,	0.0);	
(406867.1, 3747621.7,	29.0,	29.0,	0.0);	(407002.2,
3747620.0,	29.0,	29.0,	0.0);	
(407010.0, 3747623.3,	29.0,	29.0,	0.0);	(407017.8,
3747626.5,	29.0,	29.0,	0.0);	
(407025.5, 3747629.7,	29.0,	29.0,	0.0);	(407036.5,
3747640.7,	29.0,	29.0,	0.0);	
(407039.7, 3747648.5,	29.0,	29.0,	0.0);	(407043.0,
3747656.3,	29.0,	29.0,	0.0);	
(407046.2, 3747664.1,	29.0,	29.0,	0.0);	(406994.4,
3747616.8,	29.0,	29.0,	0.0);	
(406984.6, 3747616.8,	29.0,	29.0,	0.0);	(406974.8,
3747616.8,	29.0,	29.0,	0.0);	
(406965.0, 3747616.8,	29.0,	29.0,	0.0);	(406955.2,
3747616.8,	29.0,	29.0,	0.0);	
(406945.5, 3747616.8,	29.0,	29.0,	0.0);	(406935.7,
3747616.7,	29.0,	29.0,	0.0);	
(406925.9, 3747616.7,	29.0,	29.0,	0.0);	(406916.1,
3747616.7,	29.0,	29.0,	0.0);	
(406906.3, 3747616.7,	29.0,	29.0,	0.0);	(406896.5,
3747616.7,	29.0,	29.0,	0.0);	
(406886.7, 3747616.7,	29.0,	29.0,	0.0);	(406876.9,
3747616.7,	29.0,	29.0,	0.0);	
(406867.1, 3747616.7,	29.0,	29.0,	0.0);	(407002.9,
3747615.3,	29.0,	29.0,	0.0);	
(407011.4, 3747618.8,	29.0,	29.0,	0.0);	(407019.9,
3747622.4,	29.0,	29.0,	0.0);	

(407028.4, 3747625.9,	29.0,	29.0,	0.0);	(407040.4,
3747637.9,	29.0,	29.0,	0.0);	
(407043.9, 3747646.4,	29.0,	29.0,	0.0);	(407047.4,
3747654.9,	29.0,	29.0,	0.0);	
(407050.9, 3747663.4,	29.0,	29.0,	0.0);	(406994.4,
3747611.8,	29.0,	29.0,	0.0);	
(406984.6, 3747611.8,	29.0,	29.0,	0.0);	(406974.8,
3747611.8,	29.0,	29.0,	0.0);	
(406965.0, 3747611.8,	29.0,	29.0,	0.0);	(406955.3,
3747611.8,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406945.5, 3747611.8,	29.0,	29.0,	0.0);	(406935.7,
3747611.7,	29.0,	29.0,	0.0);	
(406925.9, 3747611.7,	29.0,	29.0,	0.0);	(406916.1,
3747611.7,	29.0,	29.0,	0.0);	
(406906.3, 3747611.7,	29.0,	29.0,	0.0);	(406896.5,
3747611.7,	29.0,	29.0,	0.0);	
(406886.7, 3747611.7,	29.0,	29.0,	0.0);	(406876.9,
3747611.7,	29.0,	29.0,	0.0);	
(406867.1, 3747611.7,	29.0,	29.0,	0.0);	(407002.1,
3747610.0,	29.0,	29.0,	0.0);	
(407009.8, 3747613.2,	29.0,	29.0,	0.0);	(407017.4,
3747616.3,	29.0,	29.0,	0.0);	
(407025.1, 3747619.5,	29.0,	29.0,	0.0);	(407032.7,
3747622.7,	29.0,	29.0,	0.0);	
(407043.5, 3747633.5,	29.0,	29.0,	0.0);	(407046.7,
3747641.2,	29.0,	29.0,	0.0);	
(407049.9, 3747648.9,	29.0,	29.0,	0.0);	(407053.0,
3747656.5,	29.0,	29.0,	0.0);	
(407056.2, 3747664.2,	29.0,	29.0,	0.0);	(406994.5,
3747606.8,	29.0,	29.0,	0.0);	
(406984.6, 3747606.8,	29.0,	29.0,	0.0);	(406974.8,
3747606.8,	29.0,	29.0,	0.0);	
(406965.1, 3747606.8,	29.0,	29.0,	0.0);	(406955.3,
3747606.8,	29.0,	29.0,	0.0);	
(406945.5, 3747606.8,	29.0,	29.0,	0.0);	(406935.7,
3747606.7,	29.0,	29.0,	0.0);	
(406925.9, 3747606.7,	29.0,	29.0,	0.0);	(406916.1,
3747606.7,	29.0,	29.0,	0.0);	
(406906.3, 3747606.7,	29.0,	29.0,	0.0);	(406896.5,
3747606.7,	29.0,	29.0,	0.0);	
(406886.7, 3747606.7,	29.0,	29.0,	0.0);	(406876.9,
3747606.7,	29.0,	29.0,	0.0);	
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3747618.9,	29.0,	29.0,	0.0);	
(407047.3, 3747630.6,	29.0,	29.0,	0.0);	(407050.8,
3747638.9,	29.0,	29.0,	0.0);	
(407054.1, 3747647.1,	29.0,	29.0,	0.0);	(407057.6,
3747655.4,	29.0,	29.0,	0.0);	
(407061.0, 3747663.6,	29.0,	29.0,	0.0);	(406994.5,
3747601.8,	29.0,	29.0,	0.0);	


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( 406965.1, 3747601.8, 29.0, 29.0, 0.0); ( 406955.3,
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( 406945.5, 3747601.8, 29.0, 29.0, 0.0); ( 406935.7,
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( 406925.9, 3747601.7, 29.0, 29.0, 0.0); ( 406916.1,
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( 406867.1, 3747601.7, 29.0, 29.0, 0.0); ( 407003.3,
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( 407012.1, 3747604.1, 29.0, 29.0, 0.0); ( 407021.0,
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( 407058.4, 3747645.3, 29.0, 29.0, 0.0); ( 407062.1,
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( 407065.7, 3747663.0, 29.0, 29.0, 0.0); ( 406994.5,
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( 406965.1, 3747596.8, 29.0, 29.0, 0.0); ( 406955.3,
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( 406945.5, 3747596.8, 29.0, 29.0, 0.0); ( 406935.7,
3747596.7, 29.0, 29.0, 0.0);
( 406925.9, 3747596.7, 29.0, 29.0, 0.0); ( 406916.1,
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( 406906.3, 3747596.7, 29.0, 29.0, 0.0); ( 406896.5,
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( 406886.7, 3747596.7, 29.0, 29.0, 0.0); ( 406876.9,
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( 406867.1, 3747596.7, 29.0, 29.0, 0.0); ( 407002.5,
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3747608.6, 29.0, 29.0, 0.0);
( 407042.9, 3747611.9, 29.0, 29.0, 0.0); ( 407054.3,
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( 407057.7, 3747631.5, 29.0, 29.0, 0.0); ( 407061.0,
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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( 407071.0, 3747663.8, 29.0, 29.0, 0.0); ( 406994.5,
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( 406984.7, 3747591.8, 29.0, 29.0, 0.0); ( 406974.9,
3747591.8, 29.0, 29.0, 0.0);
( 406965.1, 3747591.8, 29.0, 29.0, 0.0); ( 406955.3,
3747591.8, 29.0, 29.0, 0.0);

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(406945.5, 3747591.8,	29.0,	29.0,	0.0);	(406935.7,
3747591.7,	29.0,	29.0,	0.0);	
(406925.9, 3747591.7,	29.0,	29.0,	0.0);	(406916.1,
3747591.7,	29.0,	29.0,	0.0);	
(406906.3, 3747591.7,	29.0,	29.0,	0.0);	(406896.5,
3747591.7,	29.0,	29.0,	0.0);	
(406886.7, 3747591.7,	29.0,	29.0,	0.0);	(406876.9,
3747591.7,	29.0,	29.0,	0.0);	
(406867.1, 3747591.7,	29.0,	29.0,	0.0);	(407003.0,
3747590.4,	29.0,	29.0,	0.0);	
(407011.6, 3747593.9,	29.0,	29.0,	0.0);	(407020.2,
3747597.5,	29.0,	29.0,	0.0);	
(407028.8, 3747601.1,	29.0,	29.0,	0.0);	(407037.4,
3747604.6,	29.0,	29.0,	0.0);	
(407046.0, 3747608.2,	29.0,	29.0,	0.0);	(407058.1,
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3747637.5,	29.0,	29.0,	0.0);	
(407068.7, 3747646.1,	29.0,	29.0,	0.0);	(407072.3,
3747654.7,	29.0,	29.0,	0.0);	
(407075.8, 3747663.3,	29.0,	29.0,	0.0);	(406994.5,
3747586.8,	29.0,	29.0,	0.0);	
(406984.7, 3747586.8,	29.0,	29.0,	0.0);	(406974.9,
3747586.8,	29.0,	29.0,	0.0);	
(406965.1, 3747586.8,	29.0,	29.0,	0.0);	(406955.3,
3747586.8,	29.0,	29.0,	0.0);	
(406945.5, 3747586.8,	29.0,	29.0,	0.0);	(406935.7,
3747586.7,	29.0,	29.0,	0.0);	
(406925.9, 3747586.7,	29.0,	29.0,	0.0);	(406916.1,
3747586.7,	29.0,	29.0,	0.0);	
(406906.3, 3747586.7,	29.0,	29.0,	0.0);	(406896.5,
3747586.7,	29.0,	29.0,	0.0);	
(406886.7, 3747586.7,	29.0,	29.0,	0.0);	(406876.9,
3747586.7,	29.0,	29.0,	0.0);	
(406867.1, 3747586.7,	29.0,	29.0,	0.0);	(407002.4,
3747585.1,	29.0,	29.0,	0.0);	
(407010.4, 3747588.4,	29.0,	29.0,	0.0);	(407018.3,
3747591.7,	29.0,	29.0,	0.0);	
(407026.3, 3747595.0,	29.0,	29.0,	0.0);	(407034.2,
3747598.3,	29.0,	29.0,	0.0);	
(407042.2, 3747601.6,	29.0,	29.0,	0.0);	(407050.1,
3747604.9,	29.0,	29.0,	0.0);	
(407061.4, 3747616.2,	29.0,	29.0,	0.0);	(407064.7,
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(407068.0, 3747632.1,	29.0,	29.0,	0.0);	(407071.2,
3747640.1,	29.0,	29.0,	0.0);	
(407074.5, 3747648.0,	29.0,	29.0,	0.0);	(407077.8,
3747656.0,	29.0,	29.0,	0.0);	
(407081.1, 3747663.9,	29.0,	29.0,	0.0);	(406994.5,
3747581.8,	29.0,	29.0,	0.0);	
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3747581.8,	29.0,	29.0,	0.0);	
(406965.1, 3747581.8,	29.0,	29.0,	0.0);	(406955.3,
3747581.8,	29.0,	29.0,	0.0);	
(406945.5, 3747581.8,	29.0,	29.0,	0.0);	(406935.7,
3747581.7,	29.0,	29.0,	0.0);	
(406925.9, 3747581.7,	29.0,	29.0,	0.0);	(406916.1,
3747581.7,	29.0,	29.0,	0.0);	
(406906.3, 3747581.7,	29.0,	29.0,	0.0);	(406896.5,
3747581.7,	29.0,	29.0,	0.0);	
(406886.7, 3747581.7,	29.0,	29.0,	0.0);	(406876.9,
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(406867.1, 3747581.7,	29.0,	29.0,	0.0);	(407002.9,
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(407044.8, 3747597.7,	29.0,	29.0,	0.0);	(407053.2,
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(407072.0, 3747629.9,	29.0,	29.0,	0.0);	(407075.5,
3747638.3,	29.0,	29.0,	0.0);	
(407079.0, 3747646.7,	29.0,	29.0,	0.0);	(407082.4,
3747655.1,	29.0,	29.0,	0.0);	
(407085.9, 3747663.5,	29.0,	29.0,	0.0);	(406994.5,
3747576.8,	29.0,	29.0,	0.0);	
(406984.7, 3747576.8,	29.0,	29.0,	0.0);	(406974.9,
3747576.8,	29.0,	29.0,	0.0);	
(406965.1, 3747576.8,	29.0,	29.0,	0.0);	(406955.3,
3747576.8,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406945.5, 3747576.8,	29.0,	29.0,	0.0);	(406935.7,
3747576.7,	29.0,	29.0,	0.0);	
(406925.9, 3747576.7,	29.0,	29.0,	0.0);	(406916.1,
3747576.7,	29.0,	29.0,	0.0);	
(406906.3, 3747576.7,	29.0,	29.0,	0.0);	(406896.5,
3747576.7,	29.0,	29.0,	0.0);	
(406886.7, 3747576.7,	29.0,	29.0,	0.0);	(406876.9,
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(406867.1, 3747576.7,	29.0,	29.0,	0.0);	(407003.3,
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3747597.5,	29.0,	29.0,	0.0);	
(407068.8, 3747610.0,	29.0,	29.0,	0.0);	(407072.5,
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(407076.1, 3747627.7,	29.0,	29.0,	0.0);	(407079.8,
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3747654.2,	29.0,	29.0,	0.0);	
(407090.7, 3747663.1,	29.0,	29.0,	0.0);	(406994.5,
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(406925.9, 3747571.7,	29.0,	29.0,	0.0);	(406916.1,
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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

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(406847.0, 3747779.4,	29.0,	29.0,	0.0);	(406847.0,
3747789.2,	29.0,	29.0,	0.0);	
(406847.0, 3747799.0,	29.0,	29.0,	0.0);	(406845.7,
3747662.8,	29.0,	29.0,	0.0);	
(406858.2, 3747650.3,	29.0,	29.0,	0.0);	(406842.0,
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3747691.3,	29.0,	29.0,	0.0);	
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3747710.8,	29.0,	29.0,	0.0);	
(406842.0, 3747720.6,	29.0,	29.0,	0.0);	(406842.0,
3747730.4,	29.0,	29.0,	0.0);	
(406842.0, 3747740.2,	29.0,	29.0,	0.0);	(406842.0,
3747750.0,	29.0,	29.0,	0.0);	
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(406842.0, 3747779.4,	29.0,	29.0,	0.0);	(406842.0,
3747789.2,	29.0,	29.0,	0.0);	
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(406837.0, 3747720.6,	29.0,	29.0,	0.0);	(406837.0,
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(406837.0, 3747779.4,	29.0,	29.0,	0.0);	(406837.0,
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(406837.0, 3747799.0,	29.0,	29.0,	0.0);	(406835.5,
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(406832.0, 3747740.2,	29.0,	29.0,	0.0);	(406832.0,
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3747691.3,	29.0,	29.0,	0.0);	

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3747730.4,	29.0,	29.0,	0.0);	
(406827.0, 3747740.2,	29.0,	29.0,	0.0);	(406827.0,
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(406828.6, 3747655.8,	29.0,	29.0,	0.0);	(406831.9,
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3747710.8,	29.0,	29.0,	0.0);	


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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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(406822.0, 3747759.8,	29.0,	29.0,	0.0);	(406822.0,
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(406840.5, 3747632.6,	29.0,	29.0,	0.0);	(406849.4,
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(406858.2, 3747625.3,	29.0,	29.0,	0.0);	(406817.0,
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(406817.0, 3747740.2,	29.0,	29.0,	0.0);	(406817.0,
3747750.0,	29.0,	29.0,	0.0);	
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(406817.0, 3747799.0,	29.0,	29.0,	0.0);	(406815.3,
3747663.9,	29.0,	29.0,	0.0);	
(406818.5, 3747656.1,	29.0,	29.0,	0.0);	(406821.7,
3747648.3,	29.0,	29.0,	0.0);	

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(406812.0, 3747720.6,	29.0,	29.0,	0.0);	(406812.0,
3747730.4,	29.0,	29.0,	0.0);	
(406812.0, 3747740.2,	29.0,	29.0,	0.0);	(406812.0,
3747750.0,	29.0,	29.0,	0.0);	
(406812.0, 3747759.8,	29.0,	29.0,	0.0);	(406812.0,
3747769.6,	29.0,	29.0,	0.0);	
(406812.0, 3747779.4,	29.0,	29.0,	0.0);	(406812.0,
3747789.2,	29.0,	29.0,	0.0);	
(406812.0, 3747799.0,	29.0,	29.0,	0.0);	(406810.5,
3747663.2,	29.0,	29.0,	0.0);	
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(406807.0, 3747691.3,	29.0,	29.0,	0.0);	(406807.0,
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(406807.0, 3747710.8,	29.0,	29.0,	0.0);	(406807.0,
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(406807.0, 3747730.4,	29.0,	29.0,	0.0);	(406807.0,
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(406807.0, 3747750.0,	29.0,	29.0,	0.0);	(406807.0,
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(406807.0, 3747769.6,	29.0,	29.0,	0.0);	(406807.0,
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(406851.8, 3747613.0,	29.0,	29.0,	0.0);	(406859.4,
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(406802.0, 3747691.3,	29.0,	29.0,	0.0);	(406802.0,
3747701.1,	29.0,	29.0,	0.0);	
(406802.0, 3747710.8,	29.0,	29.0,	0.0);	(406802.0,
3747720.6,	29.0,	29.0,	0.0);	
(406802.0, 3747730.4,	29.0,	29.0,	0.0);	(406802.0,
3747740.2,	29.0,	29.0,	0.0);	

 *** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(406802.0, 3747769.6,	29.0,	29.0,	0.0);	(406802.0,
3747779.4,	29.0,	29.0,	0.0);	
(406802.0, 3747789.2,	29.0,	29.0,	0.0);	(406802.0,
3747799.0,	29.0,	29.0,	0.0);	
(406800.5, 3747663.4,	29.0,	29.0,	0.0);	(406803.9,
3747655.2,	29.0,	29.0,	0.0);	
(406807.3, 3747646.9,	29.0,	29.0,	0.0);	(406810.7,
3747638.6,	29.0,	29.0,	0.0);	
(406814.1, 3747630.4,	29.0,	29.0,	0.0);	(406825.8,
3747618.7,	29.0,	29.0,	0.0);	
(406834.1, 3747615.3,	29.0,	29.0,	0.0);	(406842.3,
3747611.9,	29.0,	29.0,	0.0);	
(406850.6, 3747608.5,	29.0,	29.0,	0.0);	(406858.8,
3747605.1,	29.0,	29.0,	0.0);	
(406797.0, 3747671.7,	29.0,	29.0,	0.0);	(406797.0,
3747681.5,	29.0,	29.0,	0.0);	
(406797.0, 3747691.3,	29.0,	29.0,	0.0);	(406797.0,
3747701.1,	29.0,	29.0,	0.0);	
(406797.0, 3747710.8,	29.0,	29.0,	0.0);	(406797.0,
3747720.6,	29.0,	29.0,	0.0);	
(406797.0, 3747730.4,	29.0,	29.0,	0.0);	(406797.0,
3747740.2,	29.0,	29.0,	0.0);	
(406797.0, 3747750.0,	29.0,	29.0,	0.0);	(406797.0,
3747759.8,	29.0,	29.0,	0.0);	
(406797.0, 3747769.6,	29.0,	29.0,	0.0);	(406797.0,
3747779.4,	29.0,	29.0,	0.0);	
(406797.0, 3747789.2,	29.0,	29.0,	0.0);	(406797.0,
3747799.0,	29.0,	29.0,	0.0);	
(406795.7, 3747662.8,	29.0,	29.0,	0.0);	(406799.4,
3747654.0,	29.0,	29.0,	0.0);	
(406803.0, 3747645.1,	29.0,	29.0,	0.0);	(406806.7,
3747636.3,	29.0,	29.0,	0.0);	
(406810.4, 3747627.4,	29.0,	29.0,	0.0);	(406822.9,
3747614.9,	29.0,	29.0,	0.0);	
(406831.7, 3747611.3,	29.0,	29.0,	0.0);	(406840.6,
3747607.6,	29.0,	29.0,	0.0);	
(406849.4, 3747604.0,	29.0,	29.0,	0.0);	(406858.3,
3747600.3,	29.0,	29.0,	0.0);	
(406792.0, 3747671.7,	29.0,	29.0,	0.0);	(406792.0,
3747681.5,	29.0,	29.0,	0.0);	
(406792.0, 3747691.3,	29.0,	29.0,	0.0);	(406792.0,
3747701.1,	29.0,	29.0,	0.0);	
(406792.0, 3747710.8,	29.0,	29.0,	0.0);	(406792.0,
3747720.6,	29.0,	29.0,	0.0);	
(406792.0, 3747730.4,	29.0,	29.0,	0.0);	(406792.0,
3747740.2,	29.0,	29.0,	0.0);	
(406792.0, 3747750.0,	29.0,	29.0,	0.0);	(406792.0,
3747759.8,	29.0,	29.0,	0.0);	
(406792.0, 3747769.6,	29.0,	29.0,	0.0);	(406792.0,
3747779.4,	29.0,	29.0,	0.0);	
(406792.0, 3747789.2,	29.0,	29.0,	0.0);	(406792.0,
3747799.0,	29.0,	29.0,	0.0);	
(406790.4, 3747663.6,	29.0,	29.0,	0.0);	(406793.7,
3747655.5,	29.0,	29.0,	0.0);	
(406797.1, 3747647.4,	29.0,	29.0,	0.0);	(406800.4,
3747639.3,	29.0,	29.0,	0.0);	
(406803.8, 3747631.2,	29.0,	29.0,	0.0);	(406807.1,
3747623.2,	29.0,	29.0,	0.0);	
(406818.6, 3747611.7,	29.0,	29.0,	0.0);	(406826.7,
3747608.4,	29.0,	29.0,	0.0);	

(406834.8, 3747605.0,	29.0,	29.0,	0.0);	(406842.8,
3747601.7,	29.0,	29.0,	0.0);	
(406850.9, 3747598.4,	29.0,	29.0,	0.0);	(406859.0,
3747595.0,	29.0,	29.0,	0.0);	
(406787.0, 3747671.7,	29.0,	29.0,	0.0);	(406787.0,
3747681.5,	29.0,	29.0,	0.0);	
(406787.0, 3747691.3,	29.0,	29.0,	0.0);	(406787.0,
3747701.1,	29.0,	29.0,	0.0);	
(406787.0, 3747710.8,	29.0,	29.0,	0.0);	(406787.0,
3747720.6,	29.0,	29.0,	0.0);	
(406787.0, 3747730.4,	29.0,	29.0,	0.0);	(406787.0,
3747740.2,	29.0,	29.0,	0.0);	
(406787.0, 3747750.0,	29.0,	29.0,	0.0);	(406787.0,
3747759.8,	29.0,	29.0,	0.0);	
(406787.0, 3747769.6,	29.0,	29.0,	0.0);	(406787.0,
3747779.4,	29.0,	29.0,	0.0);	
(406787.0, 3747789.2,	29.0,	29.0,	0.0);	(406787.0,
3747799.0,	29.0,	29.0,	0.0);	
(406785.6, 3747663.1,	29.0,	29.0,	0.0);	(406789.1,
3747654.5,	29.0,	29.0,	0.0);	
(406792.7, 3747645.9,	29.0,	29.0,	0.0);	(406796.3,
3747637.3,	29.0,	29.0,	0.0);	
(406799.8, 3747628.7,	29.0,	29.0,	0.0);	(406803.4,
3747620.1,	29.0,	29.0,	0.0);	
(406815.5, 3747608.0,	29.0,	29.0,	0.0);	(406824.1,
3747604.4,	29.0,	29.0,	0.0);	
(406841.3, 3747597.3,	29.0,	29.0,	0.0);	(406849.9,
3747593.8,	29.0,	29.0,	0.0);	

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406858.5, 3747590.2,	29.0,	29.0,	0.0);	(406782.0,
3747671.7,	29.0,	29.0,	0.0);	
(406782.0, 3747681.5,	29.0,	29.0,	0.0);	(406782.0,
3747691.3,	29.0,	29.0,	0.0);	
(406782.0, 3747701.1,	29.0,	29.0,	0.0);	(406782.0,
3747710.8,	29.0,	29.0,	0.0);	
(406782.0, 3747720.6,	29.0,	29.0,	0.0);	(406782.0,
3747730.4,	29.0,	29.0,	0.0);	
(406782.0, 3747740.2,	29.0,	29.0,	0.0);	(406782.0,
3747750.0,	29.0,	29.0,	0.0);	
(406782.0, 3747759.8,	29.0,	29.0,	0.0);	(406782.0,
3747769.6,	29.0,	29.0,	0.0);	
(406782.0, 3747779.4,	29.0,	29.0,	0.0);	(406782.0,
3747789.2,	29.0,	29.0,	0.0);	
(406782.0, 3747799.0,	29.0,	29.0,	0.0);	(406780.3,
3747663.7,	29.0,	29.0,	0.0);	
(406783.6, 3747655.8,	29.0,	29.0,	0.0);	(406786.9,
3747647.8,	29.0,	29.0,	0.0);	
(406790.2, 3747639.8,	29.0,	29.0,	0.0);	(406793.5,
3747631.9,	29.0,	29.0,	0.0);	
(406796.8, 3747623.9,	29.0,	29.0,	0.0);	(406800.1,
3747616.0,	29.0,	29.0,	0.0);	
(406811.4, 3747604.7,	29.0,	29.0,	0.0);	(406819.3,
3747601.4,	29.0,	29.0,	0.0);	
(406827.3, 3747598.1,	29.0,	29.0,	0.0);	(406835.3,
3747594.8,	29.0,	29.0,	0.0);	

(406843.2, 3747591.5,	29.0,	29.0,	0.0);	(406851.2,
3747588.2,	29.0,	29.0,	0.0);	
(406859.2, 3747585.0,	29.0,	29.0,	0.0);	(406777.0,
3747671.7,	29.0,	29.0,	0.0);	
(406777.0, 3747681.5,	29.0,	29.0,	0.0);	(406777.0,
3747691.3,	29.0,	29.0,	0.0);	
(406777.0, 3747701.1,	29.0,	29.0,	0.0);	(406777.0,
3747710.8,	29.0,	29.0,	0.0);	
(406777.0, 3747720.6,	29.0,	29.0,	0.0);	(406777.0,
3747730.4,	29.0,	29.0,	0.0);	
(406777.0, 3747740.2,	29.0,	29.0,	0.0);	(406777.0,
3747750.0,	29.0,	29.0,	0.0);	
(406777.0, 3747759.8,	29.0,	29.0,	0.0);	(406777.0,
3747769.6,	29.0,	29.0,	0.0);	
(406777.0, 3747779.4,	29.0,	29.0,	0.0);	(406777.0,
3747789.2,	29.0,	29.0,	0.0);	
(406777.0, 3747799.0,	29.0,	29.0,	0.0);	(406775.5,
3747663.3,	29.0,	29.0,	0.0);	
(406779.0, 3747654.9,	29.0,	29.0,	0.0);	(406782.5,
3747646.5,	29.0,	29.0,	0.0);	
(406786.0, 3747638.1,	29.0,	29.0,	0.0);	(406789.4,
3747629.7,	29.0,	29.0,	0.0);	
(406792.9, 3747621.3,	29.0,	29.0,	0.0);	(406796.4,
3747612.9,	29.0,	29.0,	0.0);	
(406808.3, 3747601.0,	29.0,	29.0,	0.0);	(406816.7,
3747597.5,	29.0,	29.0,	0.0);	
(406825.1, 3747594.0,	29.0,	29.0,	0.0);	(406833.5,
3747590.6,	29.0,	29.0,	0.0);	
(406841.9, 3747587.1,	29.0,	29.0,	0.0);	(406850.3,
3747583.6,	29.0,	29.0,	0.0);	
(406858.7, 3747580.1,	29.0,	29.0,	0.0);	(406772.0,
3747671.7,	29.0,	29.0,	0.0);	
(406772.0, 3747681.5,	29.0,	29.0,	0.0);	(406772.0,
3747691.3,	29.0,	29.0,	0.0);	
(406772.0, 3747701.1,	29.0,	29.0,	0.0);	(406772.0,
3747710.8,	29.0,	29.0,	0.0);	
(406772.0, 3747720.6,	29.0,	29.0,	0.0);	(406772.0,
3747730.4,	29.0,	29.0,	0.0);	
(406772.0, 3747740.2,	29.0,	29.0,	0.0);	(406772.0,
3747750.0,	29.0,	29.0,	0.0);	
(406772.0, 3747759.8,	29.0,	29.0,	0.0);	(406772.0,
3747769.6,	29.0,	29.0,	0.0);	
(406772.0, 3747779.4,	29.0,	29.0,	0.0);	(406772.0,
3747789.2,	29.0,	29.0,	0.0);	
(406772.0, 3747799.0,	29.0,	29.0,	0.0);	(406770.7,
3747662.8,	29.0,	29.0,	0.0);	
(406774.4, 3747654.0,	29.0,	29.0,	0.0);	(406778.0,
3747645.1,	29.0,	29.0,	0.0);	
(406781.7, 3747636.3,	29.0,	29.0,	0.0);	(406785.4,
3747627.4,	29.0,	29.0,	0.0);	
(406789.0, 3747618.6,	29.0,	29.0,	0.0);	(406792.7,
3747609.8,	29.0,	29.0,	0.0);	
(406805.2, 3747597.3,	29.0,	29.0,	0.0);	(406814.0,
3747593.6,	29.0,	29.0,	0.0);	
(406822.9, 3747589.9,	29.0,	29.0,	0.0);	(406831.7,
3747586.3,	29.0,	29.0,	0.0);	
(406849.4, 3747579.0,	29.0,	29.0,	0.0);	(406858.3,
3747575.3,	29.0,	29.0,	0.0);	
(406767.0, 3747671.7,	29.0,	29.0,	0.0);	(406767.0,
3747681.5,	29.0,	29.0,	0.0);	
(406767.0, 3747691.3,	29.0,	29.0,	0.0);	(406767.0,
3747701.1,	29.0,	29.0,	0.0);	
(406767.0, 3747710.8,	29.0,	29.0,	0.0);	(406767.0,
3747720.6,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406767.0, 3747730.4,	29.0,	29.0,	0.0);	(406767.0,
3747740.2,	29.0,	29.0,	0.0);	
(406767.0, 3747750.0,	29.0,	29.0,	0.0);	(406767.0,
3747759.8,	29.0,	29.0,	0.0);	
(406767.0, 3747769.6,	29.0,	29.0,	0.0);	(406767.0,
3747779.4,	29.0,	29.0,	0.0);	
(406767.0, 3747789.2,	29.0,	29.0,	0.0);	(406767.0,
3747799.0,	29.0,	29.0,	0.0);	
(406867.0, 3747804.0,	29.0,	29.0,	0.0);	(406876.8,
3747804.0,	29.0,	29.0,	0.0);	
(406886.6, 3747804.0,	29.0,	29.0,	0.0);	(406896.4,
3747804.0,	29.0,	29.0,	0.0);	
(406906.2, 3747804.0,	29.0,	29.0,	0.0);	(406916.0,
3747804.0,	29.0,	29.0,	0.0);	
(406925.8, 3747804.0,	29.0,	29.0,	0.0);	(406935.5,
3747803.9,	29.0,	29.0,	0.0);	
(406945.3, 3747803.9,	29.0,	29.0,	0.0);	(406955.1,
3747803.9,	29.0,	29.0,	0.0);	
(406964.9, 3747803.9,	29.0,	29.0,	0.0);	(406974.7,
3747803.9,	29.0,	29.0,	0.0);	
(406984.5, 3747803.9,	29.0,	29.0,	0.0);	(406994.3,
3747803.9,	29.0,	29.0,	0.0);	
(406867.0, 3747809.0,	29.0,	29.0,	0.0);	(406876.8,
3747809.0,	29.0,	29.0,	0.0);	
(406886.6, 3747809.0,	29.0,	29.0,	0.0);	(406896.4,
3747809.0,	29.0,	29.0,	0.0);	
(406906.2, 3747809.0,	29.0,	29.0,	0.0);	(406916.0,
3747809.0,	29.0,	29.0,	0.0);	
(406925.8, 3747809.0,	29.0,	29.0,	0.0);	(406935.5,
3747808.9,	29.0,	29.0,	0.0);	
(406945.3, 3747808.9,	29.0,	29.0,	0.0);	(406955.1,
3747808.9,	29.0,	29.0,	0.0);	
(406964.9, 3747808.9,	29.0,	29.0,	0.0);	(406974.7,
3747808.9,	29.0,	29.0,	0.0);	
(406984.5, 3747808.9,	29.0,	29.0,	0.0);	(406994.3,
3747808.9,	29.0,	29.0,	0.0);	
(406861.7, 3747811.8,	29.0,	29.0,	0.0);	(406854.2,
3747804.3,	29.0,	29.0,	0.0);	
(406867.0, 3747814.0,	29.0,	29.0,	0.0);	(406876.8,
3747814.0,	29.0,	29.0,	0.0);	
(406886.6, 3747814.0,	29.0,	29.0,	0.0);	(406896.4,
3747814.0,	29.0,	29.0,	0.0);	
(406906.2, 3747814.0,	29.0,	29.0,	0.0);	(406916.0,
3747814.0,	29.0,	29.0,	0.0);	
(406925.8, 3747814.0,	29.0,	29.0,	0.0);	(406935.5,
3747813.9,	29.0,	29.0,	0.0);	
(406945.3, 3747813.9,	29.0,	29.0,	0.0);	(406955.1,
3747813.9,	29.0,	29.0,	0.0);	
(406964.9, 3747813.9,	29.0,	29.0,	0.0);	(406974.7,
3747813.9,	29.0,	29.0,	0.0);	
(406984.5, 3747813.9,	29.0,	29.0,	0.0);	(406994.3,
3747813.9,	29.0,	29.0,	0.0);	
(406860.0, 3747816.1,	29.0,	29.0,	0.0);	(406850.0,
3747806.1,	29.0,	29.0,	0.0);	
(406867.0, 3747819.0,	29.0,	29.0,	0.0);	(406876.8,
3747819.0,	29.0,	29.0,	0.0);	

(406886.6, 3747819.0,	29.0,	29.0,	0.0);	(406896.4,
3747819.0,	29.0,	29.0,	0.0);	
(406906.2, 3747819.0,	29.0,	29.0,	0.0);	(406916.0,
3747819.0,	29.0,	29.0,	0.0);	
(406925.8, 3747819.0,	29.0,	29.0,	0.0);	(406935.6,
3747818.9,	29.0,	29.0,	0.0);	
(406945.3, 3747818.9,	29.0,	29.0,	0.0);	(406955.1,
3747818.9,	29.0,	29.0,	0.0);	
(406964.9, 3747818.9,	29.0,	29.0,	0.0);	(406974.7,
3747818.9,	29.0,	29.0,	0.0);	
(406984.5, 3747818.9,	29.0,	29.0,	0.0);	(406994.3,
3747818.9,	29.0,	29.0,	0.0);	
(406858.2, 3747820.4,	29.0,	29.0,	0.0);	(406845.7,
3747807.9,	29.0,	29.0,	0.0);	
(406867.1, 3747824.0,	29.0,	29.0,	0.0);	(406876.8,
3747824.0,	29.0,	29.0,	0.0);	
(406886.6, 3747824.0,	29.0,	29.0,	0.0);	(406896.4,
3747824.0,	29.0,	29.0,	0.0);	
(406906.2, 3747824.0,	29.0,	29.0,	0.0);	(406916.0,
3747824.0,	29.0,	29.0,	0.0);	
(406925.8, 3747824.0,	29.0,	29.0,	0.0);	(406935.6,
3747823.9,	29.0,	29.0,	0.0);	
(406945.3, 3747823.9,	29.0,	29.0,	0.0);	(406955.1,
3747823.9,	29.0,	29.0,	0.0);	
(406964.9, 3747823.9,	29.0,	29.0,	0.0);	(406974.7,
3747823.9,	29.0,	29.0,	0.0);	
(406984.5, 3747823.9,	29.0,	29.0,	0.0);	(406994.3,
3747823.9,	29.0,	29.0,	0.0);	
(406860.0, 3747826.1,	29.0,	29.0,	0.0);	(406852.9,
3747823.2,	29.0,	29.0,	0.0);	
(406842.9, 3747813.2,	29.0,	29.0,	0.0);	(406840.0,
3747806.1,	29.0,	29.0,	0.0);	
(406867.1, 3747829.0,	29.0,	29.0,	0.0);	(406876.8,
3747829.0,	29.0,	29.0,	0.0);	

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** 15:58:07

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406886.6, 3747829.0,	29.0,	29.0,	0.0);	(406896.4,
3747829.0,	29.0,	29.0,	0.0);	
(406906.2, 3747829.0,	29.0,	29.0,	0.0);	(406916.0,
3747829.0,	29.0,	29.0,	0.0);	
(406925.8, 3747829.0,	29.0,	29.0,	0.0);	(406935.6,
3747828.9,	29.0,	29.0,	0.0);	
(406945.3, 3747828.9,	29.0,	29.0,	0.0);	(406955.1,
3747828.9,	29.0,	29.0,	0.0);	
(406964.9, 3747828.9,	29.0,	29.0,	0.0);	(406974.7,
3747828.9,	29.0,	29.0,	0.0);	
(406984.5, 3747828.9,	29.0,	29.0,	0.0);	(406994.3,
3747828.9,	29.0,	29.0,	0.0);	
(406858.8, 3747830.6,	29.0,	29.0,	0.0);	(406850.5,
3747827.2,	29.0,	29.0,	0.0);	
(406838.9, 3747815.5,	29.0,	29.0,	0.0);	(406835.5,
3747807.3,	29.0,	29.0,	0.0);	
(406867.1, 3747834.0,	29.0,	29.0,	0.0);	(406876.8,
3747834.0,	29.0,	29.0,	0.0);	
(406886.6, 3747834.0,	29.0,	29.0,	0.0);	(406896.4,
3747834.0,	29.0,	29.0,	0.0);	

(406906.2, 3747834.0,	29.0,	29.0,	0.0);	(406916.0,
3747834.0,	29.0,	29.0,	0.0);	
(406925.8, 3747834.0,	29.0,	29.0,	0.0);	(406935.6,
3747833.9,	29.0,	29.0,	0.0);	
(406945.4, 3747833.9,	29.0,	29.0,	0.0);	(406955.1,
3747833.9,	29.0,	29.0,	0.0);	
(406964.9, 3747833.9,	29.0,	29.0,	0.0);	(406974.7,
3747833.9,	29.0,	29.0,	0.0);	
(406984.5, 3747833.9,	29.0,	29.0,	0.0);	(406994.3,
3747833.9,	29.0,	29.0,	0.0);	
(406860.0, 3747836.1,	29.0,	29.0,	0.0);	(406852.9,
3747833.2,	29.0,	29.0,	0.0);	
(406845.8, 3747830.2,	29.0,	29.0,	0.0);	(406835.8,
3747820.2,	29.0,	29.0,	0.0);	
(406832.9, 3747813.2,	29.0,	29.0,	0.0);	(406830.0,
3747806.1,	29.0,	29.0,	0.0);	
(406867.1, 3747839.0,	29.0,	29.0,	0.0);	(406876.9,
3747839.0,	29.0,	29.0,	0.0);	
(406886.6, 3747839.0,	29.0,	29.0,	0.0);	(406896.4,
3747839.0,	29.0,	29.0,	0.0);	
(406906.2, 3747839.0,	29.0,	29.0,	0.0);	(406916.0,
3747839.0,	29.0,	29.0,	0.0);	
(406925.8, 3747839.0,	29.0,	29.0,	0.0);	(406935.6,
3747838.9,	29.0,	29.0,	0.0);	
(406945.4, 3747838.9,	29.0,	29.0,	0.0);	(406955.1,
3747838.9,	29.0,	29.0,	0.0);	
(406964.9, 3747838.9,	29.0,	29.0,	0.0);	(406974.7,
3747838.9,	29.0,	29.0,	0.0);	
(406984.5, 3747838.9,	29.0,	29.0,	0.0);	(406994.3,
3747838.9,	29.0,	29.0,	0.0);	
(406859.1, 3747840.7,	29.0,	29.0,	0.0);	(406851.1,
3747837.4,	29.0,	29.0,	0.0);	
(406843.2, 3747834.1,	29.0,	29.0,	0.0);	(406831.9,
3747822.9,	29.0,	29.0,	0.0);	
(406828.6, 3747814.9,	29.0,	29.0,	0.0);	(406825.3,
3747807.0,	29.0,	29.0,	0.0);	
(406867.1, 3747844.0,	29.0,	29.0,	0.0);	(406876.9,
3747844.0,	29.0,	29.0,	0.0);	
(406886.6, 3747844.0,	29.0,	29.0,	0.0);	(406896.4,
3747844.0,	29.0,	29.0,	0.0);	
(406906.2, 3747844.0,	29.0,	29.0,	0.0);	(406916.0,
3747844.0,	29.0,	29.0,	0.0);	
(406925.8, 3747844.0,	29.0,	29.0,	0.0);	(406935.6,
3747843.9,	29.0,	29.0,	0.0);	
(406945.4, 3747843.9,	29.0,	29.0,	0.0);	(406955.1,
3747843.9,	29.0,	29.0,	0.0);	
(406964.9, 3747843.9,	29.0,	29.0,	0.0);	(406974.7,
3747843.9,	29.0,	29.0,	0.0);	
(406984.5, 3747843.9,	29.0,	29.0,	0.0);	(406994.3,
3747843.9,	29.0,	29.0,	0.0);	
(406858.2, 3747845.4,	29.0,	29.0,	0.0);	(406849.4,
3747841.7,	29.0,	29.0,	0.0);	
(406840.5, 3747838.0,	29.0,	29.0,	0.0);	(406828.0,
3747825.5,	29.0,	29.0,	0.0);	
(406824.4, 3747816.7,	29.0,	29.0,	0.0);	(406820.7,
3747807.9,	29.0,	29.0,	0.0);	
(406867.1, 3747849.0,	29.0,	29.0,	0.0);	(406876.9,
3747849.0,	29.0,	29.0,	0.0);	
(406886.7, 3747849.0,	29.0,	29.0,	0.0);	(406896.4,
3747849.0,	29.0,	29.0,	0.0);	
(406906.2, 3747849.0,	29.0,	29.0,	0.0);	(406916.0,
3747849.0,	29.0,	29.0,	0.0);	
(406925.8, 3747849.0,	29.0,	29.0,	0.0);	(406935.6,
3747848.9,	29.0,	29.0,	0.0);	
(406945.4, 3747848.9,	29.0,	29.0,	0.0);	(406955.2,
3747848.9,	29.0,	29.0,	0.0);	

(406965.0, 3747848.9, 29.0, 29.0, 0.0); (406974.7,
3747848.9, 29.0, 29.0, 0.0);
(406984.5, 3747848.9, 29.0, 29.0, 0.0); (406994.3,
3747848.9, 29.0, 29.0, 0.0);

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406859.3, 3747850.8, 29.0, 29.0, 0.0); (406851.5,
3747847.6, 29.0, 29.0, 0.0);
(406843.7, 3747844.4, 29.0, 29.0, 0.0); (406836.0,
3747841.1, 29.0, 29.0, 0.0);
(406824.9, 3747830.1, 29.0, 29.0, 0.0); (406821.7,
3747822.4, 29.0, 29.0, 0.0);
(406818.5, 3747814.6, 29.0, 29.0, 0.0); (406815.3,
3747806.8, 29.0, 29.0, 0.0);
(406867.1, 3747854.0, 29.0, 29.0, 0.0); (406876.9,
3747854.0, 29.0, 29.0, 0.0);
(406886.7, 3747854.0, 29.0, 29.0, 0.0); (406896.5,
3747854.0, 29.0, 29.0, 0.0);
(406906.2, 3747854.0, 29.0, 29.0, 0.0); (406916.0,
3747854.0, 29.0, 29.0, 0.0);
(406925.8, 3747854.0, 29.0, 29.0, 0.0); (406935.6,
3747853.9, 29.0, 29.0, 0.0);
(406945.4, 3747853.9, 29.0, 29.0, 0.0); (406955.2,
3747853.9, 29.0, 29.0, 0.0);
(406965.0, 3747853.9, 29.0, 29.0, 0.0); (406974.7,
3747853.9, 29.0, 29.0, 0.0);
(406984.5, 3747853.9, 29.0, 29.0, 0.0); (406994.3,
3747853.9, 29.0, 29.0, 0.0);
(406858.6, 3747855.5, 29.0, 29.0, 0.0); (406850.1,
3747852.0, 29.0, 29.0, 0.0);
(406841.6, 3747848.5, 29.0, 29.0, 0.0); (406833.1,
3747845.0, 29.0, 29.0, 0.0);
(406821.1, 3747833.0, 29.0, 29.0, 0.0); (406817.6,
3747824.5, 29.0, 29.0, 0.0);
(406814.1, 3747816.0, 29.0, 29.0, 0.0); (406810.5,
3747807.5, 29.0, 29.0, 0.0);
(406867.1, 3747859.0, 29.0, 29.0, 0.0); (406876.9,
3747859.0, 29.0, 29.0, 0.0);
(406886.7, 3747859.0, 29.0, 29.0, 0.0); (406896.5,
3747859.0, 29.0, 29.0, 0.0);
(406906.2, 3747859.0, 29.0, 29.0, 0.0); (406916.0,
3747859.0, 29.0, 29.0, 0.0);
(406925.8, 3747859.0, 29.0, 29.0, 0.0); (406935.6,
3747858.9, 29.0, 29.0, 0.0);
(406945.4, 3747858.9, 29.0, 29.0, 0.0); (406955.2,
3747858.9, 29.0, 29.0, 0.0);
(406965.0, 3747858.9, 29.0, 29.0, 0.0); (406974.7,
3747858.9, 29.0, 29.0, 0.0);
(406984.5, 3747858.9, 29.0, 29.0, 0.0); (406994.3,
3747858.9, 29.0, 29.0, 0.0);
(406859.4, 3747860.8, 29.0, 29.0, 0.0); (406851.8,
3747857.7, 29.0, 29.0, 0.0);
(406844.1, 3747854.5, 29.0, 29.0, 0.0); (406836.4,
3747851.3, 29.0, 29.0, 0.0);
(406828.8, 3747848.2, 29.0, 29.0, 0.0); (406817.9,
3747837.3, 29.0, 29.0, 0.0);

(406814.7, 3747829.7,	29.0,	29.0,	0.0);	(406811.6,
3747822.0,	29.0,	29.0,	0.0);	
(406808.4, 3747814.3,	29.0,	29.0,	0.0);	(406805.2,
3747806.7,	29.0,	29.0,	0.0);	
(406867.1, 3747864.0,	29.0,	29.0,	0.0);	(406876.9,
3747864.0,	29.0,	29.0,	0.0);	
(406886.7, 3747864.0,	29.0,	29.0,	0.0);	(406896.5,
3747864.0,	29.0,	29.0,	0.0);	
(406906.2, 3747864.0,	29.0,	29.0,	0.0);	(406916.0,
3747864.0,	29.0,	29.0,	0.0);	
(406925.8, 3747864.0,	29.0,	29.0,	0.0);	(406935.6,
3747863.9,	29.0,	29.0,	0.0);	
(406945.4, 3747863.9,	29.0,	29.0,	0.0);	(406955.2,
3747863.9,	29.0,	29.0,	0.0);	
(406965.0, 3747863.9,	29.0,	29.0,	0.0);	(406974.8,
3747863.9,	29.0,	29.0,	0.0);	
(406984.5, 3747863.9,	29.0,	29.0,	0.0);	(406994.3,
3747863.9,	29.0,	29.0,	0.0);	
(406858.8, 3747865.6,	29.0,	29.0,	0.0);	(406850.6,
3747862.2,	29.0,	29.0,	0.0);	
(406842.3, 3747858.8,	29.0,	29.0,	0.0);	(406834.1,
3747855.4,	29.0,	29.0,	0.0);	
(406825.8, 3747852.0,	29.0,	29.0,	0.0);	(406814.1,
3747840.3,	29.0,	29.0,	0.0);	
(406810.7, 3747832.0,	29.0,	29.0,	0.0);	(406807.3,
3747823.8,	29.0,	29.0,	0.0);	
(406803.9, 3747815.5,	29.0,	29.0,	0.0);	(406800.5,
3747807.3,	29.0,	29.0,	0.0);	
(406867.1, 3747869.0,	29.0,	29.0,	0.0);	(406876.9,
3747869.0,	29.0,	29.0,	0.0);	
(406886.7, 3747869.0,	29.0,	29.0,	0.0);	(406896.5,
3747869.0,	29.0,	29.0,	0.0);	
(406906.2, 3747869.0,	29.0,	29.0,	0.0);	(406916.0,
3747869.0,	29.0,	29.0,	0.0);	
(406925.8, 3747869.0,	29.0,	29.0,	0.0);	(406935.6,
3747868.9,	29.0,	29.0,	0.0);	
(406945.4, 3747868.9,	29.0,	29.0,	0.0);	(406955.2,
3747868.9,	29.0,	29.0,	0.0);	
(406965.0, 3747868.9,	29.0,	29.0,	0.0);	(406974.8,
3747868.9,	29.0,	29.0,	0.0);	


 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406984.5, 3747868.9,	29.0,	29.0,	0.0);	(406994.3,
3747868.9,	29.0,	29.0,	0.0);	
(406858.3, 3747870.4,	29.0,	29.0,	0.0);	(406849.4,
3747866.7,	29.0,	29.0,	0.0);	
(406840.6, 3747863.0,	29.0,	29.0,	0.0);	(406831.7,
3747859.4,	29.0,	29.0,	0.0);	
(406822.9, 3747855.7,	29.0,	29.0,	0.0);	(406810.4,
3747843.2,	29.0,	29.0,	0.0);	
(406806.7, 3747834.4,	29.0,	29.0,	0.0);	(406803.0,
3747825.5,	29.0,	29.0,	0.0);	
(406799.4, 3747816.7,	29.0,	29.0,	0.0);	(406795.7,
3747807.9,	29.0,	29.0,	0.0);	
(406867.1, 3747874.0,	29.0,	29.0,	0.0);	(406876.9,
3747874.0,	29.0,	29.0,	0.0);	

(406886.7, 3747874.0,	29.0,	29.0,	0.0);	(406896.5,
3747874.0,	29.0,	29.0,	0.0);	
(406906.3, 3747874.0,	29.0,	29.0,	0.0);	(406916.0,
3747874.0,	29.0,	29.0,	0.0);	
(406925.8, 3747874.0,	29.0,	29.0,	0.0);	(406935.6,
3747873.9,	29.0,	29.0,	0.0);	
(406945.4, 3747873.9,	29.0,	29.0,	0.0);	(406955.2,
3747873.9,	29.0,	29.0,	0.0);	
(406965.0, 3747873.9,	29.0,	29.0,	0.0);	(406974.8,
3747873.9,	29.0,	29.0,	0.0);	
(406984.5, 3747873.9,	29.0,	29.0,	0.0);	(406994.3,
3747873.9,	29.0,	29.0,	0.0);	
(406859.0, 3747875.7,	29.0,	29.0,	0.0);	(406850.9,
3747872.3,	29.0,	29.0,	0.0);	
(406842.8, 3747869.0,	29.0,	29.0,	0.0);	(406834.8,
3747865.6,	29.0,	29.0,	0.0);	
(406826.7, 3747862.3,	29.0,	29.0,	0.0);	(406818.6,
3747859.0,	29.0,	29.0,	0.0);	
(406807.1, 3747847.5,	29.0,	29.0,	0.0);	(406803.8,
3747839.4,	29.0,	29.0,	0.0);	
(406800.4, 3747831.4,	29.0,	29.0,	0.0);	(406797.1,
3747823.3,	29.0,	29.0,	0.0);	
(406793.7, 3747815.2,	29.0,	29.0,	0.0);	(406790.4,
3747807.1,	29.0,	29.0,	0.0);	
(406867.1, 3747879.0,	29.0,	29.0,	0.0);	(406876.9,
3747879.0,	29.0,	29.0,	0.0);	
(406886.7, 3747879.0,	29.0,	29.0,	0.0);	(406896.5,
3747879.0,	29.0,	29.0,	0.0);	
(406906.3, 3747879.0,	29.0,	29.0,	0.0);	(406916.0,
3747879.0,	29.0,	29.0,	0.0);	
(406925.8, 3747879.0,	29.0,	29.0,	0.0);	(406935.6,
3747878.9,	29.0,	29.0,	0.0);	
(406945.4, 3747878.9,	29.0,	29.0,	0.0);	(406955.2,
3747878.9,	29.0,	29.0,	0.0);	
(406965.0, 3747878.9,	29.0,	29.0,	0.0);	(406974.8,
3747878.9,	29.0,	29.0,	0.0);	
(406984.5, 3747878.9,	29.0,	29.0,	0.0);	(406994.3,
3747878.9,	29.0,	29.0,	0.0);	
(406858.5, 3747880.5,	29.0,	29.0,	0.0);	(406849.9,
3747876.9,	29.0,	29.0,	0.0);	
(406841.3, 3747873.4,	29.0,	29.0,	0.0);	(406824.1,
3747866.3,	29.0,	29.0,	0.0);	
(406815.5, 3747862.7,	29.0,	29.0,	0.0);	(406803.4,
3747850.6,	29.0,	29.0,	0.0);	
(406799.8, 3747842.0,	29.0,	29.0,	0.0);	(406796.3,
3747833.4,	29.0,	29.0,	0.0);	
(406792.7, 3747824.8,	29.0,	29.0,	0.0);	(406789.1,
3747816.2,	29.0,	29.0,	0.0);	
(406785.6, 3747807.6,	29.0,	29.0,	0.0);	(406867.1,
3747884.0,	29.0,	29.0,	0.0);	
(406876.9, 3747884.0,	29.0,	29.0,	0.0);	(406886.7,
3747884.0,	29.0,	29.0,	0.0);	
(406896.5, 3747884.0,	29.0,	29.0,	0.0);	(406906.3,
3747884.0,	29.0,	29.0,	0.0);	
(406916.0, 3747884.0,	29.0,	29.0,	0.0);	(406925.8,
3747884.0,	29.0,	29.0,	0.0);	
(406935.6, 3747883.9,	29.0,	29.0,	0.0);	(406945.4,
3747883.9,	29.0,	29.0,	0.0);	
(406955.2, 3747883.9,	29.0,	29.0,	0.0);	(406965.0,
3747883.9,	29.0,	29.0,	0.0);	
(406974.8, 3747883.9,	29.0,	29.0,	0.0);	(406984.6,
3747883.9,	29.0,	29.0,	0.0);	
(406994.3, 3747883.9,	29.0,	29.0,	0.0);	(406859.2,
3747885.7,	29.0,	29.0,	0.0);	
(406851.2, 3747882.4,	29.0,	29.0,	0.0);	(406843.2,
3747879.1,	29.0,	29.0,	0.0);	

(406835.3, 3747875.9,	29.0,	29.0,	0.0);	(406827.3,
3747872.6,	29.0,	29.0,	0.0);	
(406819.3, 3747869.3,	29.0,	29.0,	0.0);	(406811.4,
3747866.0,	29.0,	29.0,	0.0);	
(406800.1, 3747854.7,	29.0,	29.0,	0.0);	(406796.8,
3747846.8,	29.0,	29.0,	0.0);	
(406793.5, 3747838.8,	29.0,	29.0,	0.0);	(406790.2,
3747830.9,	29.0,	29.0,	0.0);	
(406786.9, 3747822.9,	29.0,	29.0,	0.0);	(406783.6,
3747814.9,	29.0,	29.0,	0.0);	

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406780.3, 3747807.0,	29.0,	29.0,	0.0);	(406867.1,
3747889.0,	29.0,	29.0,	0.0);	
(406876.9, 3747889.0,	29.0,	29.0,	0.0);	(406886.7,
3747889.0,	29.0,	29.0,	0.0);	
(406896.5, 3747889.0,	29.0,	29.0,	0.0);	(406906.3,
3747889.0,	29.0,	29.0,	0.0);	
(406916.1, 3747889.0,	29.0,	29.0,	0.0);	(406925.8,
3747889.0,	29.0,	29.0,	0.0);	
(406935.6, 3747888.9,	29.0,	29.0,	0.0);	(406945.4,
3747888.9,	29.0,	29.0,	0.0);	
(406955.2, 3747888.9,	29.0,	29.0,	0.0);	(406965.0,
3747888.9,	29.0,	29.0,	0.0);	
(406974.8, 3747888.9,	29.0,	29.0,	0.0);	(406984.6,
3747888.9,	29.0,	29.0,	0.0);	
(406994.3, 3747888.9,	29.0,	29.0,	0.0);	(406858.7,
3747890.5,	29.0,	29.0,	0.0);	
(406850.3, 3747887.1,	29.0,	29.0,	0.0);	(406833.5,
3747880.1,	29.0,	29.0,	0.0);	
(406825.1, 3747876.6,	29.0,	29.0,	0.0);	(406816.7,
3747873.2,	29.0,	29.0,	0.0);	
(406808.3, 3747869.7,	29.0,	29.0,	0.0);	(406796.4,
3747857.8,	29.0,	29.0,	0.0);	
(406792.9, 3747849.4,	29.0,	29.0,	0.0);	(406789.4,
3747841.0,	29.0,	29.0,	0.0);	
(406786.0, 3747832.6,	29.0,	29.0,	0.0);	(406782.5,
3747824.2,	29.0,	29.0,	0.0);	
(406779.0, 3747815.8,	29.0,	29.0,	0.0);	(406775.5,
3747807.4,	29.0,	29.0,	0.0);	
(406867.1, 3747894.0,	29.0,	29.0,	0.0);	(406876.9,
3747894.0,	29.0,	29.0,	0.0);	
(406886.7, 3747894.0,	29.0,	29.0,	0.0);	(406896.5,
3747894.0,	29.0,	29.0,	0.0);	
(406906.3, 3747894.0,	29.0,	29.0,	0.0);	(406916.1,
3747894.0,	29.0,	29.0,	0.0);	
(406925.8, 3747894.0,	29.0,	29.0,	0.0);	(406935.6,
3747893.9,	29.0,	29.0,	0.0);	
(406945.4, 3747893.9,	29.0,	29.0,	0.0);	(406955.2,
3747893.9,	29.0,	29.0,	0.0);	
(406965.0, 3747893.9,	29.0,	29.0,	0.0);	(406974.8,
3747893.9,	29.0,	29.0,	0.0);	
(406984.6, 3747893.9,	29.0,	29.0,	0.0);	(406994.3,
3747893.9,	29.0,	29.0,	0.0);	
(406858.3, 3747895.4,	29.0,	29.0,	0.0);	(406849.4,
3747891.7,	29.0,	29.0,	0.0);	

```

*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15:58:07

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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ  U*
```

[illegible]

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*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
                                (METERS/SEC)

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                PAGE    26
*** MODELOPTS:   NonDEFAULT  CONC  FLAT  URBAN  ADJ_U*
```

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

```

Surface file:
KFUL_V9_ADJU\KFUL_v9.SFC
Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_v9.PFL
Surface format:
FREE

```

```
Profile format:
FREE
```

Surface station no.:	3166	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	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96		
322.		10.1		283.8	2.0												
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52		
13.		10.1		283.1	2.0												
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
73.		10.1		282.0	2.0												
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91		
98.		10.1		281.4	2.0												
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00		
0.		10.1		280.9	2.0												
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55		
80.		10.1		280.4	2.0												
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69		
201.		10.1		280.4	2.0												
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52		
72.		10.1		280.9	2.0												
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00		
0.		10.1		285.9	2.0												
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79		
268.		10.1		289.9	2.0												
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70		
273.		10.1		294.2	2.0												
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74		
230.		10.1		297.5	2.0												
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20		
227.		10.1		300.4	2.0												
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47		
233.		10.1		300.9	2.0												
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20		
233.		10.1		302.0	2.0												
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91		
229.		10.1		298.1	2.0												
12	01	01	1	17	-9.1												

406999.25	3747798.89	0.00735	406999.26
3747789.11	0.00821		
406999.27	3747779.33	0.00908	406999.28
3747769.56	0.00987		
406999.29	3747759.78	0.01047	406999.30
3747750.01	0.01075		
406999.31	3747740.23	0.01055	406999.32
3747730.46	0.00982		
406999.33	3747720.68	0.00863	406999.34
3747710.91	0.00724		
406999.35	3747701.13	0.00598	406999.36
3747691.36	0.00495		
406999.37	3747681.58	0.00410	406999.38
3747671.81	0.00340		
407004.25	3747798.89	0.00677	407004.26
3747789.11	0.00747		
407004.27	3747779.34	0.00815	407004.28
3747769.56	0.00874		
407004.29	3747759.79	0.00915	407004.30
3747750.01	0.00928		
407004.31	3747740.24	0.00906	407004.32
3747730.46	0.00843		
407004.33	3747720.69	0.00748	407004.34
3747710.91	0.00637		

407004.35	3747701.14	0.00534	407004.36
3747691.36	0.00447		
407004.37	3747681.59	0.00375	407004.38
3747671.81	0.00314		
407007.05	3747804.19	0.00612	406999.56
3747811.68	0.00628		
407009.25	3747798.90	0.00622	407009.26
3747789.12	0.00679		
407009.27	3747779.34	0.00732	407009.28
3747769.57	0.00775		
407009.29	3747759.79	0.00802	407009.30
3747750.02	0.00806		
407009.31	3747740.24	0.00781	407009.32
3747730.47	0.00727		
407009.33	3747720.69	0.00650	407009.34
3747710.92	0.00562		
407009.35	3747701.14	0.00477	407009.36
3747691.37	0.00404		
407009.37	3747681.59	0.00342	407009.38
3747671.82	0.00290		
407011.32	3747805.96	0.00563	407001.33
3747815.95	0.00583		
407014.25	3747798.90	0.00572	407014.26
3747789.13	0.00617		
407014.27	3747779.35	0.00657	407014.28
3747769.57	0.00688		
407014.29	3747759.80	0.00705	407014.30
3747750.02	0.00702		
407014.31	3747740.25	0.00678	407014.32
3747730.47	0.00631		
407014.33	3747720.70	0.00568	407014.34
3747710.92	0.00497		
407014.35	3747701.15	0.00427	407014.36
3747691.37	0.00366		
407014.37	3747681.60	0.00314	407014.38
3747671.82	0.00268		
407015.59	3747807.73	0.00519	407003.10
3747820.22	0.00542		
407019.25	3747798.91	0.00525	407019.26
3747789.13	0.00561		
407019.27	3747779.35	0.00591	407019.28
3747769.58	0.00613		
407019.29	3747759.80	0.00622	407019.30
3747750.03	0.00615		
407019.31	3747740.25	0.00591	407019.32
3747730.48	0.00551		
407019.33	3747720.70	0.00499	407019.34
3747710.93	0.00441		
407019.35	3747701.15	0.00384	407019.36
3747691.38	0.00332		
407019.37	3747681.60	0.00288	407019.38
3747671.83	0.00248		
407021.32	3747805.97	0.00482	407018.39
3747813.03	0.00476		
407008.40	3747823.02	0.00493	407001.34
3747825.95	0.00517		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN			**
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD	
407024.25	3747798.91	0.00482		407024.26		
3747789.14	0.00510					
407024.27	3747779.36	0.00533		407024.28		
3747769.58	0.00547					
407024.29	3747759.81	0.00551		407024.30		
3747750.03	0.00542					
407024.31	3747740.26	0.00519		407024.32		
3747730.48	0.00484					
407024.33	3747720.71	0.00440		407024.34		
3747710.93	0.00393					
407024.35	3747701.16	0.00346		407024.36		
3747691.38	0.00303					
407024.37	3747681.61	0.00264		407024.38		
3747671.83	0.00230					
407025.83	3747807.15	0.00445		407022.42		
3747815.39	0.00440					
407010.76	3747827.05	0.00459		407002.53		
3747830.46	0.00484					
407029.25	3747798.92	0.00443		407029.26		
3747789.14	0.00464					
407029.27	3747779.37	0.00481		407029.28		
3747769.59	0.00490					
407029.29	3747759.81	0.00490		407029.30		
3747750.04	0.00479					
407029.31	3747740.26	0.00458		407029.32		
3747730.49	0.00428					
407029.33	3747720.71	0.00391		407029.34		
3747710.94	0.00351					
407029.35	3747701.16	0.00312		407029.36		
3747691.39	0.00276					
407029.37	3747681.61	0.00243		407029.38		
3747671.84	0.00214					
407031.32	3747805.98	0.00411		407028.39		
3747813.04	0.00411					
407025.46	3747820.10	0.00407		407015.48		
3747830.09	0.00422					
407008.41	3747833.02	0.00442		407001.35		
3747835.95	0.00458					
407034.25	3747798.92	0.00406		407034.26		
3747789.15	0.00423					
407034.27	3747779.37	0.00435		407034.28		
3747769.59	0.00440					
407034.29	3747759.82	0.00437		407034.30		
3747750.04	0.00426					
407034.31	3747740.27	0.00407		407034.32		
3747730.49	0.00380					
407034.33	3747720.72	0.00349		407034.34		
3747710.94	0.00316					
407034.35	3747701.17	0.00283		407034.36		
3747691.39	0.00253					
407034.37	3747681.62	0.00224		407034.38		
3747671.84	0.00199					
407035.96	3747806.87	0.00380		407032.66		
3747814.81	0.00382					
407029.37	3747822.76	0.00378		407018.13		

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*** AERMOD - VERSION 22112 ***      C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:58:07
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
407044.27	3747779.38	0.00358	407044.28	
3747769.60	0.00358			
407044.29	3747759.83	0.00353	407044.30	
3747750.05	0.00342			
407044.31	3747740.28	0.00326	407044.32	
3747730.50	0.00305			
407044.33	3747720.73	0.00283	407044.34	
3747710.95	0.00259			
407044.35	3747701.18	0.00236	407044.36	
3747691.40	0.00213			
407044.37	3747681.63	0.00192	407044.38	
3747671.85	0.00172			
407046.03	3747806.70	0.00325	407042.81	
3747814.47	0.00329			
407039.59	3747822.24	0.00331	407036.36	
3747830.00	0.00328			
407025.38	3747840.99	0.00343	407017.61	
3747844.21	0.00360			
407009.84	3747847.44	0.00374	407002.08	
3747850.66	0.00383			

407049.25	3747798.94	0.00316	407049.26
3747789.16	0.00323		
407049.27	3747779.39	0.00326	407049.28
3747769.61	0.00324		
407049.29	3747759.83	0.00318	407049.30
3747750.06	0.00308		
407049.31	3747740.28	0.00293	407049.32
3747730.51	0.00276		
407049.33	3747720.73	0.00257	407049.34
3747710.96	0.00236		
407049.35	3747701.18	0.00216	407049.36
3747691.41	0.00197		
407049.37	3747681.63	0.00179	407049.38
3747671.86	0.00161		
407050.74	3747807.41	0.00301	407047.22
3747815.89	0.00307		
407043.71	3747824.36	0.00309	407040.19
3747832.83	0.00307		
407028.21	3747844.82	0.00322	407019.73
3747848.33	0.00339		
407002.79	3747855.36	0.00361	407054.25
3747798.94	0.00291		
407054.26	3747789.17	0.00296	407054.27
3747779.39	0.00297		
407054.28	3747769.62	0.00295	407054.29
3747759.84	0.00288		
407054.30	3747750.06	0.00279	407054.31
3747740.29	0.00266		
407054.32	3747730.51	0.00250	407054.33
3747720.74	0.00234		
407054.34	3747710.96	0.00216	407054.35
3747701.19	0.00199		
407054.36	3747691.41	0.00182	407054.37
3747681.64	0.00166		
407054.38	3747671.86	0.00151	407056.08
3747806.60	0.00278		
407052.90	3747814.24	0.00284	407049.73
3747821.89	0.00288		
407046.56	3747829.54	0.00289	407043.39
3747837.19	0.00288		
407032.57	3747848.01	0.00300	407024.92
3747851.19	0.00315		
407017.27	3747854.36	0.00327	407009.62
3747857.53	0.00336		
407001.97	3747860.71	0.00341	407059.25
3747798.95	0.00268		
407059.26	3747789.17	0.00271	407059.27
3747779.40	0.00272		
407059.28	3747769.62	0.00268	407059.29
3747759.84	0.00262		
407059.30	3747750.07	0.00253	407059.31
3747740.29	0.00242		
407059.32	3747730.52	0.00228	407059.33
3747720.74	0.00214		
407059.34	3747710.97	0.00199	407059.35
3747701.19	0.00184		
407059.36	3747691.42	0.00169	407059.37
3747681.64	0.00155		
407059.38	3747671.87	0.00141	407060.83
3747807.19	0.00258		

FF *** AERMOD - VERSION 22112 ***
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

*** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				
407057.42	3747815.43	0.00265		407054.00	
3747823.66	0.00270				
407050.58	3747831.90	0.00271		407047.17	
3747840.14	0.00270				
407035.51	3747851.79	0.00283		407027.28	
3747855.21	0.00298				
407019.04	3747858.63	0.00309		407010.80	
3747862.05	0.00318				
407002.56	3747865.46	0.00322		407064.25	
3747798.95	0.00248				
407064.26	3747789.18	0.00250		407064.27	
3747779.40	0.00249				
407064.28	3747769.63	0.00245		407064.29	
3747759.85	0.00239				
407064.30	3747750.07	0.00231		407064.31	
3747740.30	0.00221				
407064.32	3747730.52	0.00209		407064.33	
3747720.75	0.00196				
407064.34	3747710.97	0.00183		407064.35	
3747701.20	0.00170				
407064.36	3747691.42	0.00157		407064.37	
3747681.65	0.00145				
407064.38	3747671.87	0.00132		407065.59	
3747807.78	0.00240				
407061.93	3747816.61	0.00247		407058.27	
3747825.43	0.00253				
407054.61	3747834.26	0.00255		407050.95	
3747843.09	0.00254				
407038.46	3747855.57	0.00267		407029.63	
3747859.23	0.00282				
407020.81	3747862.90	0.00293		407011.98	
3747866.56	0.00301				
407003.16	3747870.22	0.00304		407069.25	
3747798.96	0.00229				
407069.26	3747789.18	0.00230		407069.27	
3747779.41	0.00229				
407069.28	3747769.63	0.00225		407069.29	
3747759.86	0.00219				
407069.30	3747750.08	0.00211		407069.31	
3747740.30	0.00202				
407069.32	3747730.53	0.00192		407069.33	
3747720.75	0.00181				
407069.34	3747710.98	0.00169		407069.35	
3747701.20	0.00158				
407069.36	3747691.43	0.00147		407069.37	
3747681.65	0.00135				
407069.38	3747671.88	0.00124		407070.90	
3747807.03	0.00222				
407067.56	3747815.10	0.00229		407064.21	
3747823.17	0.00235				
407060.86	3747831.24	0.00239		407057.51	

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PP *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
***                                     *** 15:58:07

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
407037.21	3747866.10	0.00250	407028.64	
3747869.65	0.00260			
407020.06	3747873.21	0.00267	407011.49	
3747876.77	0.00272			
407002.92	3747880.32	0.00273	407079.25	
3747798.97	0.00197			
407079.26	3747789.19	0.00196	407079.27	
3747779.42	0.00194			
407079.28	3747769.64	0.00190	407079.29	
3747759.87	0.00185			
407079.30	3747750.09	0.00179	407079.31	
3747740.31	0.00171			
407079.32	3747730.54	0.00163	407079.33	
3747720.76	0.00155			
407079.34	3747710.99	0.00146	407079.35	
3747701.21	0.00137			

407079.36	3747691.44	0.00128	407079.37
3747681.66	0.00119		
407079.38	3747671.89	0.00110	407080.96
3747806.92	0.00191		
407077.66	3747814.86	0.00199	407074.37
3747822.80	0.00205		
407071.07	3747830.74	0.00210	407067.78
3747838.69	0.00212		
407064.48	3747846.63	0.00214	407061.19
3747854.57	0.00213		
407049.95	3747865.81	0.00223	407042.01
3747869.11	0.00234		
407034.06	3747872.40	0.00244	407026.12
3747875.70	0.00251		
407018.18	3747878.99	0.00256	407010.23
3747882.29	0.00258		
407002.29	3747885.58	0.00258	407084.25
3747798.97	0.00183		
407084.26	3747789.20	0.00182	407084.27
3747779.42	0.00179		
407084.28	3747769.65	0.00176	407084.29
3747759.87	0.00171		
407084.30	3747750.10	0.00165	407084.31
3747740.32	0.00158		
407084.32	3747730.54	0.00151	407084.33
3747720.77	0.00144		
407084.34	3747710.99	0.00136	407084.35
3747701.22	0.00128		
407084.36	3747691.44	0.00120	407084.37
3747681.67	0.00112		
407084.38	3747671.89	0.00104	407085.77
3747807.36	0.00179		
407082.29	3747815.75	0.00186	407078.82
3747824.13	0.00193		
407075.34	3747832.51	0.00197	407071.86
3747840.90	0.00201		
407068.38	3747849.28	0.00202	407064.91
3747857.67	0.00202		
407053.04	3747869.53	0.00212	407044.66
3747873.01	0.00223		
407036.28	3747876.49	0.00232	407027.89
3747879.97	0.00239		
407019.51	3747883.44	0.00243	407011.12
3747886.92	0.00245		
407002.74	3747890.40	0.00244	407089.25
3747798.98	0.00170		
407089.26	3747789.20	0.00169	407089.27
3747779.43	0.00166		
407089.28	3747769.65	0.00163	407089.29
3747759.88	0.00158		
407089.30	3747750.10	0.00153	407089.31
3747740.32	0.00147		
407089.32	3747730.55	0.00141	407089.33
3747720.77	0.00134		
407089.34	3747711.00	0.00127	407089.35
3747701.22	0.00120		
407089.36	3747691.45	0.00113	407089.37
3747681.67	0.00106		
407089.38	3747671.90	0.00098	407090.59
3747807.81	0.00167		
407086.93	3747816.63	0.00175	407083.27
3747825.46	0.00181		
407079.61	3747834.29	0.00186	407075.95
3747843.11	0.00190		

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN			**
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD	
---	---	---	---	---	---	---
407072.29	3747851.94	0.00191		407068.62		
3747860.76	0.00191					
407056.14	3747873.25	0.00202		407047.31		
3747876.91	0.00212					
407038.49	3747880.57	0.00221		407029.66		
3747884.23	0.00228					
407020.84	3747887.90	0.00232		407012.01		
3747891.56	0.00233					
407003.19	3747895.22	0.00232		407094.25		
3747798.98	0.00158					
407094.26	3747789.21	0.00157		407094.27		
3747779.43	0.00154					
407094.28	3747769.66	0.00151		407094.29		
3747759.88	0.00147					
407094.30	3747750.11	0.00142		407094.31		
3747740.33	0.00137					
407094.32	3747730.55	0.00131		407094.33		
3747720.78	0.00125					
407094.34	3747711.00	0.00119		407094.35		
3747701.23	0.00112					
407094.36	3747691.45	0.00106		407094.37		
3747681.68	0.00100					
407094.38	3747671.90	0.00093		406994.39		
3747666.80	0.00333					
406984.59	3747666.79	0.00384		406974.79		
3747666.78	0.00439					
406965.00	3747666.77	0.00496		406955.20		
3747666.76	0.00546					
406945.40	3747666.75	0.00583		406935.61		
3747666.74	0.00601					
406925.81	3747666.73	0.00598		406916.02		
3747666.72	0.00573					
406906.22	3747666.71	0.00528		406896.42		
3747666.70	0.00472					
406886.63	3747666.69	0.00412		406876.83		
3747666.68	0.00355					
406867.04	3747666.67	0.00304		406994.39		
3747661.80	0.00301					
406984.59	3747661.79	0.00343		406974.80		
3747661.78	0.00387					
406965.00	3747661.77	0.00431		406955.21		
3747661.76	0.00470					
406945.41	3747661.75	0.00498		406935.61		
3747661.74	0.00511					
406925.82	3747661.73	0.00508		406916.02		
3747661.72	0.00488					
406906.22	3747661.71	0.00454		406896.43		

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
***
***
***      15:58:07

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406886.64	3747651.69	0.00285	406876.85	
3747651.68	0.00255			
406867.05	3747651.67	0.00226	407003.24	
3747650.47	0.00217			
407015.73	3747662.98	0.00228	406994.41	
3747646.80	0.00223			
406984.61	3747646.79	0.00247	406974.81	
3747646.78	0.00271			
406965.02	3747646.77	0.00292	406955.22	
3747646.76	0.00311			
406945.42	3747646.75	0.00323	406935.63	
3747646.74	0.00329			

406925.83	3747646.73	0.00326	406916.04
3747646.72	0.00317		
406906.24	3747646.71	0.00300	406896.44
3747646.70	0.00279		
406886.65	3747646.69	0.00254	406876.85
3747646.68	0.00229		
406867.06	3747646.67	0.00205	407001.48
3747644.74	0.00200		
407008.55	3747647.67	0.00194	407018.54
3747657.68	0.00203		
407021.46	3747664.76	0.00217	406994.41
3747641.80	0.00203		
406984.61	3747641.79	0.00223	406974.82
3747641.78	0.00242		
406965.02	3747641.77	0.00259	406955.23
3747641.76	0.00274		
406945.43	3747641.75	0.00284	406935.63
3747641.74	0.00288		
406925.84	3747641.73	0.00286	406916.04
3747641.72	0.00278		
406906.25	3747641.71	0.00265	406896.45
3747641.70	0.00247		
406886.65	3747641.69	0.00227	406876.86
3747641.68	0.00207		
406867.06	3747641.67	0.00186	407002.66
3747640.23	0.00182		
407010.91	3747643.65	0.00177	407022.56
3747655.33	0.00186		
407025.97	3747663.58	0.00200	406994.42
3747636.80	0.00185		
406984.62	3747636.79	0.00201	406974.82
3747636.78	0.00217		
406965.03	3747636.77	0.00231	406955.23
3747636.76	0.00243		
406945.43	3747636.75	0.00251	406935.64
3747636.74	0.00254		
406925.84	3747636.73	0.00252	406916.05
3747636.72	0.00246		
406906.25	3747636.71	0.00235	406896.45
3747636.70	0.00220		
406886.66	3747636.69	0.00204	406876.86
3747636.68	0.00187		
406867.07	3747636.67	0.00170	407001.49
3747634.74	0.00167		
407008.56	3747637.67	0.00164	407015.63
3747640.61	0.00161		
407025.61	3747650.62	0.00167	407028.54
3747657.69	0.00178		
407031.46	3747664.77	0.00189	406994.42
3747631.80	0.00169		
406984.62	3747631.79	0.00182	406974.83
3747631.78	0.00195		
406965.03	3747631.77	0.00207	406955.24
3747631.76	0.00216		
406945.44	3747631.75	0.00223	406935.64
3747631.74	0.00225		
406925.85	3747631.73	0.00224	406916.05
3747631.72	0.00218		
406906.26	3747631.71	0.00209	406896.46
3747631.70	0.00198		
406886.66	3747631.69	0.00184	406876.87
3747631.68	0.00170		
406867.07	3747631.67	0.00155	407002.38
3747630.10	0.00153		
407010.33	3747633.41	0.00151	407018.28
3747636.71	0.00147		

407029.52 3747647.97 0.00154 407032.81
3747655.93 0.00165

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:58:07

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
407036.09	3747663.89	0.00175	406994.43	
3747626.80	0.00154			
406984.63	3747626.79	0.00166	406974.83	
3747626.78	0.00177			
406965.04	3747626.77	0.00186	406955.24	
3747626.76	0.00194			
406945.45	3747626.75	0.00199	406935.65	
3747626.74	0.00201			
406925.85	3747626.73	0.00199	406916.06	
3747626.72	0.00195			
406906.26	3747626.71	0.00187	406896.46	
3747626.70	0.00178			
406886.67	3747626.69	0.00166	406876.87	
3747626.68	0.00154			
406867.08	3747626.67	0.00142	407003.27	
3747625.47	0.00141			
407012.10	3747629.14	0.00139	407020.94	
3747632.81	0.00135			
407033.42	3747645.32	0.00142	407037.08	
3747654.17	0.00153			
407040.73	3747663.01	0.00163	406994.43	
3747621.80	0.00141			
406984.63	3747621.79	0.00151	406974.84	
3747621.78	0.00160			
406965.04	3747621.77	0.00168	406955.25	
3747621.76	0.00174			
406945.45	3747621.75	0.00178	406935.65	
3747621.74	0.00180			
406925.86	3747621.73	0.00179	406916.06	
3747621.72	0.00175			
406906.27	3747621.71	0.00169	406896.47	
3747621.70	0.00161			
406886.67	3747621.69	0.00151	406876.88	
3747621.68	0.00141			
406867.08	3747621.67	0.00130	407002.21	
3747620.03	0.00130			
407009.99	3747623.26	0.00129	407017.76	
3747626.49	0.00127			
407025.54	3747629.72	0.00124	407036.52	
3747640.73	0.00129			
407039.74	3747648.51	0.00138	407042.95	
3747656.29	0.00146			
407046.17	3747664.07	0.00154	406994.44	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:58:07
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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ  U*
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC	X-COORD (M)	Y-COORD
(M)		CONC				
407009.76	3747613.16	0.00110	407017.42			
3747616.34	0.00109					
407025.07	3747619.52	0.00108	407032.73			
3747622.70	0.00106					
407043.55	3747633.55	0.00110	407046.72			
3747641.21	0.00117					
407049.88	3747648.88	0.00124	407053.05			
3747656.54	0.00130					

407056.21	3747664.20	0.00136	406994.45
3747606.80	0.00110		
406984.65	3747606.79	0.00116	406974.85
3747606.78	0.00122		
406965.06	3747606.77	0.00126	406955.26
3747606.76	0.00130		
406945.47	3747606.75	0.00132	406935.67
3747606.74	0.00133		
406925.87	3747606.73	0.00132	406916.08
3747606.72	0.00130		
406906.28	3747606.71	0.00126	406896.48
3747606.70	0.00121		
406886.69	3747606.69	0.00115	406876.89
3747606.68	0.00109		
406867.10	3747606.67	0.00102	407002.70
3747605.23	0.00103		
407010.94	3747608.65	0.00102	407019.19
3747612.08	0.00102		
407027.44	3747615.50	0.00100	407035.68
3747618.93	0.00098		
407047.34	3747630.61	0.00103	407050.75
3747638.86	0.00109		
407054.15	3747647.11	0.00116	407057.56
3747655.37	0.00122		
407060.97	3747663.62	0.00128	406994.45
3747601.80	0.00102		
406984.66	3747601.79	0.00107	406974.86
3747601.78	0.00112		
406965.06	3747601.77	0.00116	406955.27
3747601.76	0.00119		
406945.47	3747601.75	0.00121	406935.67
3747601.74	0.00121		
406925.88	3747601.73	0.00120	406916.08
3747601.72	0.00118		
406906.29	3747601.71	0.00115	406896.49
3747601.70	0.00111		
406886.69	3747601.69	0.00106	406876.90
3747601.68	0.00100		
406867.10	3747601.67	0.00094	407003.29
3747600.47	0.00095		
407012.13	3747604.14	0.00095	407020.96
3747607.81	0.00095		
407029.80	3747611.48	0.00093	407038.63
3747615.15	0.00091		
407051.12	3747627.66	0.00096	407054.77
3747636.51	0.00102		
407058.42	3747645.35	0.00109	407062.08
3747654.19	0.00115		
407065.73	3747663.03	0.00120	406994.46
3747596.80	0.00094		
406984.66	3747596.79	0.00099	406974.86
3747596.78	0.00103		
406965.07	3747596.77	0.00106	406955.27
3747596.76	0.00109		
406945.48	3747596.75	0.00110	406935.68
3747596.74	0.00111		
406925.88	3747596.73	0.00110	406916.09
3747596.72	0.00108		
406906.29	3747596.71	0.00106	406896.50
3747596.70	0.00102		
406886.70	3747596.69	0.00098	406876.90
3747596.68	0.00093		
406867.11	3747596.67	0.00088	407002.54
3747595.16	0.00088		
407010.62	3747598.51	0.00089	407018.70
3747601.87	0.00088		

407026.77	3747605.22	0.00088	407034.85
3747608.58	0.00087		
407042.93	3747611.93	0.00085	407054.35
3747623.37	0.00089		
407057.68	3747631.46	0.00094	407061.02
3747639.54	0.00100		

*** AERMOD - VERSION 22112 ***
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 *** 15:58:07

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M) Y-COORD (M)		** CONC OF DPM IN MICROGRAMS/M**3	X-COORD (M) Y-COORD	
(M)	CONC			
407064.36	3747647.63	0.00105	407067.70	
3747655.71	0.00109			
407071.04	3747663.80	0.00114	406994.46	
3747591.80	0.00088			
406984.67	3747591.79	0.00091	406974.87	
3747591.78	0.00095			
406965.07	3747591.77	0.00098	406955.28	
3747591.76	0.00100			
406945.48	3747591.75	0.00101	406935.68	
3747591.74	0.00102			
406925.89	3747591.73	0.00101	406916.09	
3747591.72	0.00100			
406906.30	3747591.71	0.00097	406896.50	
3747591.70	0.00094			
406886.70	3747591.69	0.00090	406876.91	
3747591.68	0.00086			
406867.11	3747591.67	0.00081	407003.05	
3747590.37	0.00082			
407011.63	3747593.93	0.00083	407020.21	
3747597.50	0.00083			
407028.80	3747601.06	0.00082	407037.38	
3747604.63	0.00081			
407045.96	3747608.19	0.00079	407058.09	
3747620.35	0.00083			
407061.64	3747628.94	0.00088	407065.19	
3747637.53	0.00094			
407068.74	3747646.12	0.00099	407072.28	
3747654.71	0.00103			
407075.83	3747663.30	0.00107	406994.47	
3747586.80	0.00081			
406984.67	3747586.79	0.00085	406974.87	
3747586.78	0.00088			
406965.08	3747586.77	0.00090	406955.28	
3747586.76	0.00092			
406945.49	3747586.75	0.00093	406935.69	
3747586.74	0.00094			
406925.89	3747586.73	0.00093	406916.10	
3747586.72	0.00092			
406906.30	3747586.71	0.00090	406896.51	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***              06/27/23
*** AERMET - VERSION 16216 ***
***                                  *** 15:58:07

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
407072.03	3747629.89	0.00081	407075.50	
3747638.30	0.00085			
407078.97	3747646.70	0.00089	407082.44	
3747655.10	0.00093			

407085.91	3747663.50	0.00096	406994.48
3747576.80	0.00071		
406984.68	3747576.79	0.00073	406974.88
3747576.78	0.00076		
406965.09	3747576.77	0.00077	406955.29
3747576.76	0.00079		
406945.50	3747576.75	0.00080	406935.70
3747576.74	0.00080		
406925.90	3747576.73	0.00079	406916.11
3747576.72	0.00078		
406906.31	3747576.71	0.00077	406896.52
3747576.70	0.00075		
406886.72	3747576.69	0.00072	406876.92
3747576.68	0.00069		
406867.13	3747576.67	0.00066	407003.32
3747575.47	0.00067		
407012.15	3747579.14	0.00068	407020.99
3747582.81	0.00068		
407029.82	3747586.48	0.00068	407038.66
3747590.15	0.00067		
407047.49	3747593.82	0.00066	407056.33
3747597.49	0.00065		
407068.82	3747610.00	0.00068	407072.47
3747618.85	0.00073		
407076.12	3747627.69	0.00077	407079.77
3747636.53	0.00081		
407083.42	3747645.37	0.00085	407087.08
3747654.22	0.00088		
407090.73	3747663.06	0.00091	406994.48
3747571.80	0.00066		
406984.69	3747571.79	0.00068	406974.89
3747571.78	0.00070		
406965.09	3747571.77	0.00072	406955.30
3747571.76	0.00073		
406945.50	3747571.75	0.00074	406935.71
3747571.74	0.00074		
406925.91	3747571.73	0.00074	406916.11
3747571.72	0.00073		
406906.32	3747571.71	0.00071	406896.52
3747571.70	0.00069		
406886.72	3747571.69	0.00067	406876.93
3747571.68	0.00065		
406867.13	3747571.67	0.00062	406862.03
3747671.67	0.00308		
406862.03	3747681.47	0.00369	406862.03
3747691.26	0.00437		
406862.03	3747701.06	0.00509	406862.03
3747710.85	0.00578		
406862.03	3747720.65	0.00635	406862.03
3747730.45	0.00670		
406862.03	3747740.24	0.00677	406862.03
3747750.04	0.00656		
406862.03	3747759.84	0.00613	406862.03
3747769.63	0.00557		
406862.03	3747779.43	0.00496	406862.03
3747789.22	0.00436		
406862.03	3747799.02	0.00379	406857.03
3747671.67	0.00283		
406857.03	3747681.47	0.00334	406857.03
3747691.26	0.00391		
406857.03	3747701.06	0.00449	406857.03
3747710.85	0.00504		
406857.03	3747720.65	0.00549	406857.03
3747730.45	0.00575		
406857.03	3747740.24	0.00581	406857.03
3747750.04	0.00565		

406857.03	3747759.84	0.00531	406857.03
3747769.63	0.00486		
406857.03	3747779.43	0.00436	406857.03
3747789.22	0.00386		
406857.03	3747799.02	0.00338	406854.23
3747666.36	0.00246		
406861.74	3747658.86	0.00241	406852.03
3747671.67	0.00260		
406852.03	3747681.47	0.00303	406852.03
3747691.26	0.00350		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

*** 15:58:07

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD

406852.03	3747701.06	0.00398		406852.03	
3747710.85	0.00442				
406852.03	3747720.65	0.00477		406852.03	
3747730.45	0.00498				
406852.03	3747740.24	0.00503		406852.03	
3747750.04	0.00490				
406852.03	3747759.84	0.00464		406852.03	
3747769.63	0.00427				
406852.03	3747779.43	0.00386		406852.03	
3747789.22	0.00344				
406852.03	3747799.02	0.00303		406849.96	
3747664.60	0.00224				
406859.97	3747654.60	0.00217		406847.03	
3747671.67	0.00239				
406847.03	3747681.47	0.00276		406847.03	
3747691.26	0.00316				
406847.03	3747701.06	0.00355		406847.03	
3747710.85	0.00391				
406847.03	3747720.65	0.00419		406847.03	
3747730.45	0.00435				
406847.03	3747740.24	0.00439		406847.03	
3747750.04	0.00429				
406847.03	3747759.84	0.00407		406847.03	
3747769.63	0.00378				
406847.03	3747779.43	0.00343		406847.03	
3747789.22	0.00308				
406847.03	3747799.02	0.00273		406845.70	
3747662.83	0.00204				
406858.21	3747650.33	0.00197		406842.03	
3747671.67	0.00220				
406842.03	3747681.47	0.00252		406842.03	
3747691.26	0.00285				
406842.03	3747701.06	0.00318		406842.03	
3747710.85	0.00347				
406842.03	3747720.65	0.00370		406842.03	

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*** AERMOD - VERSION 22112 ***      C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park  
GP\14635 Cons      06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:58:07
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406832.90	3747657.52	0.00157	406835.83
3747650.45	0.00148		
406845.84	3747640.45	0.00144	406852.92
3747637.52	0.00149		
406859.99	3747634.60	0.00152	406827.03
3747671.67	0.00173		
406827.03	3747681.47	0.00194	406827.03
3747691.26	0.00214		
406827.03	3747701.06	0.00234	406827.03
3747710.85	0.00251		
406827.03	3747720.65	0.00263	406827.03
3747730.45	0.00271		
406827.03	3747740.24	0.00272	406827.03
3747750.04	0.00268		
406827.03	3747759.84	0.00258	406827.03
3747769.63	0.00244		
406827.03	3747779.43	0.00227	406827.03
3747789.22	0.00208		
406827.03	3747799.02	0.00189	406825.33
3747663.71	0.00153		
406828.63	3747655.75	0.00145	406831.93
3747647.79	0.00136		
406843.19	3747636.54	0.00132	406851.15
3747633.25	0.00136		
406859.11	3747629.96	0.00140	406822.03
3747671.67	0.00161		
406822.03	3747681.47	0.00179	406822.03
3747691.26	0.00196		
406822.03	3747701.06	0.00213	406822.03
3747710.85	0.00227		
406822.03	3747720.65	0.00238	406822.03
3747730.45	0.00244		
406822.03	3747740.24	0.00245	406822.03
3747750.04	0.00241		
406822.03	3747759.84	0.00233	406822.03
3747769.63	0.00221		
406822.03	3747779.43	0.00207	406822.03
3747789.22	0.00191		
406822.03	3747799.02	0.00174	406820.70
3747662.83	0.00142		
406824.36	3747653.98	0.00134	406828.03
3747645.14	0.00125		
406840.54	3747632.64	0.00121	406849.39
3747628.98	0.00125		
406858.23	3747625.33	0.00128	406817.03
3747671.67	0.00149		
406817.03	3747681.47	0.00165	406817.03
3747691.26	0.00180		
406817.03	3747701.06	0.00194	406817.03
3747710.85	0.00206		
406817.03	3747720.65	0.00215	406817.03
3747730.45	0.00221		
406817.03	3747740.24	0.00222	406817.03
3747750.04	0.00219		
406817.03	3747759.84	0.00211	406817.03
3747769.63	0.00201		
406817.03	3747779.43	0.00189	406817.03
3747789.22	0.00175		
406817.03	3747799.02	0.00161	406815.26
3747663.89	0.00134		
406818.48	3747656.11	0.00128	406821.71
3747648.32	0.00121		
406824.93	3747640.54	0.00114	406835.94
3747629.54	0.00110		
406843.73	3747626.32	0.00114	406851.52
3747623.11	0.00116		

406859.30	3747619.89	0.00119	406812.03
3747671.67	0.00139		
406812.03	3747681.47	0.00152	406812.03
3747691.26	0.00166		
406812.03	3747701.06	0.00178	406812.03
3747710.85	0.00188		
406812.03	3747720.65	0.00196	406812.03
3747730.45	0.00201		
406812.03	3747740.24	0.00201	406812.03
3747750.04	0.00199		
406812.03	3747759.84	0.00193	406812.03
3747769.63	0.00184		
406812.03	3747779.43	0.00173	406812.03
3747789.22	0.00161		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 15:58:07

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC				
406812.03	3747799.02	0.00149	406810.55		
3747663.18	0.00124				
406814.07	3747654.69	0.00119	406817.59		
3747646.20	0.00112				
406821.11	3747637.71	0.00105	406833.12		
3747625.71	0.00102				
406841.61	3747622.20	0.00105	406858.60		
3747615.18	0.00109				
406807.03	3747671.67	0.00129	406807.03		
3747681.47	0.00141				
406807.03	3747691.26	0.00153	406807.03		
3747701.06	0.00164				
406807.03	3747710.85	0.00173	406807.03		
3747720.65	0.00179				
406807.03	3747730.45	0.00183	406807.03		
3747740.24	0.00184				
406807.03	3747750.04	0.00181	406807.03		
3747759.84	0.00176				
406807.03	3747769.63	0.00169	406807.03		
3747779.43	0.00159				
406807.03	3747789.22	0.00149	406807.03		
3747799.02	0.00138				
406805.21	3747664.01	0.00117	406808.38		
3747656.34	0.00113				
406811.56	3747648.68	0.00107	406814.74		
3747641.01	0.00102				
406817.91	3747633.35	0.00096	406828.76		
3747622.52	0.00093				
406836.43	3747619.35	0.00096	406844.09		
3747616.18	0.00098				
406851.76	3747613.01	0.00100	406859.43		


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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***              06/27/23
*** AERMET - VERSION 16216 ***
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X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
406792.03	3747671.67	0.00106	406792.03	
3747681.47	0.00114			
406792.03	3747691.26	0.00122	406792.03	
3747701.06	0.00129			
406792.03	3747710.85	0.00135	406792.03	
3747720.65	0.00139			
406792.03	3747730.45	0.00142	406792.03	
3747740.24	0.00142			
406792.03	3747750.04	0.00141	406792.03	
3747759.84	0.00137			
406792.03	3747769.63	0.00133	406792.03	
3747779.43	0.00126			
406792.03	3747789.22	0.00119	406792.03	
3747799.02	0.00112			
406790.38	3747663.58	0.00097	406793.73	
3747655.50	0.00093			
406797.08	3747647.41	0.00090	406800.44	
3747639.33	0.00086			
406803.79	3747631.24	0.00081	406807.14	
3747623.16	0.00077			
406818.58	3747611.73	0.00074	406826.67	
3747608.39	0.00076			
406834.76	3747605.04	0.00078	406842.85	
3747601.70	0.00080			
406850.93	3747598.36	0.00081	406859.02	
3747595.01	0.00081			
406787.03	3747671.67	0.00099	406787.03	
3747681.47	0.00107			
406787.03	3747691.26	0.00114	406787.03	
3747701.06	0.00120			
406787.03	3747710.85	0.00125	406787.03	
3747720.65	0.00129			
406787.03	3747730.45	0.00131	406787.03	
3747740.24	0.00132			
406787.03	3747750.04	0.00130	406787.03	
3747759.84	0.00127			
406787.03	3747769.63	0.00123	406787.03	
3747779.43	0.00117			
406787.03	3747789.22	0.00111	406787.03	
3747799.02	0.00104			
406785.59	3747663.08	0.00091	406789.15	
3747654.49	0.00088			
406792.71	3747645.90	0.00084	406796.27	
3747637.31	0.00080			
406799.83	3747628.72	0.00076	406803.40	
3747620.13	0.00072			
406815.55	3747607.98	0.00069	406824.15	
3747604.43	0.00071			
406841.33	3747597.33	0.00074	406849.93	
3747593.77	0.00075			
406858.52	3747590.22	0.00076	406782.03	
3747671.67	0.00093			
406782.03	3747681.47	0.00100	406782.03	
3747691.26	0.00106			
406782.03	3747701.06	0.00112	406782.03	
3747710.85	0.00116			
406782.03	3747720.65	0.00120	406782.03	
3747730.45	0.00122			
406782.03	3747740.24	0.00122	406782.03	
3747750.04	0.00121			
406782.03	3747759.84	0.00118	406782.03	
3747769.63	0.00114			

406782.03	3747779.43	0.00109	406782.03
3747789.22	0.00104		
406782.03	3747799.02	0.00098	406780.33
3747663.71	0.00086		
406783.63	3747655.75	0.00083	406786.93
3747647.79	0.00080		
406790.23	3747639.83	0.00077	406793.53
3747631.87	0.00074		
406796.82	3747623.92	0.00070	406800.12
3747615.96	0.00066		
406811.39	3747604.71	0.00065	406819.35
3747601.42	0.00066		
406827.31	3747598.12	0.00068	406835.27
3747594.83	0.00069		
406843.23	3747591.54	0.00070	406851.20
3747588.25	0.00070		
406859.16	3747584.96	0.00071	406777.03
3747671.67	0.00088		

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 15:58:07

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				
406777.03	3747681.47	0.00094		406777.03	
3747691.26	0.00099				
406777.03	3747701.06	0.00104		406777.03	
3747710.85	0.00108				
406777.03	3747720.65	0.00111		406777.03	
3747730.45	0.00113				
406777.03	3747740.24	0.00113		406777.03	
3747750.04	0.00112				
406777.03	3747759.84	0.00110		406777.03	
3747769.63	0.00107				
406777.03	3747779.43	0.00102		406777.03	
3747789.22	0.00097				
406777.03	3747799.02	0.00092		406775.51	
3747663.27	0.00081				
406778.99	3747654.87	0.00079		406782.48	
3747646.47	0.00076				
406785.96	3747638.07	0.00073		406789.44	
3747629.66	0.00069				
406792.92	3747621.26	0.00066		406796.41	
3747612.86	0.00062				
406808.29	3747600.99	0.00060		406816.70	
3747597.51	0.00062				
406825.10	3747594.04	0.00063		406833.51	
3747590.57	0.00065				
406841.91	3747587.09	0.00065		406850.32	
3747583.62	0.00066				
406858.72	3747580.14	0.00066		406772.03	

3747671.67	0.00083		
406772.03	3747681.47	0.00088	406772.03
3747691.26	0.00093		
406772.03	3747701.06	0.00098	406772.03
3747710.85	0.00101		
406772.03	3747720.65	0.00104	406772.03
3747730.45	0.00105		
406772.03	3747740.24	0.00105	406772.03
3747750.04	0.00105		
406772.03	3747759.84	0.00103	406772.03
3747769.63	0.00099		
406772.03	3747779.43	0.00096	406772.03
3747789.22	0.00091		
406772.03	3747799.02	0.00086	406770.70
3747662.83	0.00076		
406774.36	3747653.98	0.00074	406778.03
3747645.14	0.00071		
406781.69	3747636.30	0.00068	406785.36
3747627.45	0.00065		
406789.02	3747618.61	0.00062	406792.69
3747609.77	0.00058		
406805.20	3747597.27	0.00057	406814.05
3747593.61	0.00058		
406822.90	3747589.95	0.00059	406831.74
3747586.30	0.00061		
406849.44	3747578.98	0.00062	406858.28
3747575.33	0.00062		
406767.03	3747671.67	0.00078	406767.03
3747681.47	0.00083		
406767.03	3747691.26	0.00087	406767.03
3747701.06	0.00091		
406767.03	3747710.85	0.00095	406767.03
3747720.65	0.00097		
406767.03	3747730.45	0.00098	406767.03
3747740.24	0.00098		
406767.03	3747750.04	0.00098	406767.03
3747759.84	0.00096		
406767.03	3747769.63	0.00093	406767.03
3747779.43	0.00090		
406767.03	3747789.22	0.00086	406767.03
3747799.02	0.00081		
406867.04	3747804.02	0.00394	406876.82
3747804.01	0.00497		
406886.61	3747804.00	0.00627	406896.39
3747803.99	0.00776		
406906.18	3747803.98	0.00928	406915.97
3747803.97	0.01061		
406925.75	3747803.96	0.01155	406935.54
3747803.94	0.01202		
406945.32	3747803.93	0.01200	406955.11
3747803.92	0.01152		
406964.90	3747803.91	0.01069	406974.68
3747803.90	0.00966		

RR *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM
MICROGRAMS/M**3

IN

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X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
406984.47	3747803.89	0.00855	406994.26	
3747803.88	0.00746			
406867.04	3747809.02	0.00362	406876.83	
3747809.01	0.00451			
406886.61	3747809.00	0.00562	406896.40	
3747808.99	0.00687			
406906.19	3747808.98	0.00815	406915.97	
3747808.97	0.00927			
406925.76	3747808.96	0.01009	406935.54	
3747808.94	0.01055			
406945.33	3747808.93	0.01060	406955.12	
3747808.92	0.01027			
406964.90	3747808.91	0.00965	406974.69	
3747808.90	0.00883			
406984.47	3747808.89	0.00791	406994.26	
3747808.88	0.00698			
406861.74	3747811.83	0.00309	406854.23	
3747804.33	0.00295			
406867.05	3747814.02	0.00333	406876.83	
3747814.01	0.00411			
406886.62	3747814.00	0.00505	406896.40	
3747813.99	0.00611			
406906.19	3747813.98	0.00718	406915.98	
3747813.97	0.00814			
406925.76	3747813.96	0.00887	406935.55	
3747813.94	0.00931			
406945.34	3747813.93	0.00941	406955.12	
3747813.92	0.00920			
406964.91	3747813.91	0.00873	406974.69	
3747813.90	0.00807			
406984.48	3747813.89	0.00732	406994.27	
3747813.88	0.00653			
406859.97	3747816.09	0.00279	406849.96	
3747806.09	0.00265			
406867.05	3747819.02	0.00307	406876.84	
3747819.01	0.00374			
406886.62	3747819.00	0.00455	406896.41	
3747818.99	0.00545			
406906.20	3747818.98	0.00637	406915.98	
3747818.97	0.00720			
406925.77	3747818.96	0.00785	406935.56	
3747818.94	0.00826			
406945.34	3747818.93	0.00840	406955.13	
3747818.92	0.00827			
406964.91	3747818.91	0.00792	406974.70	
3747818.90	0.00740			
406984.49	3747818.89	0.00677	406994.27	
3747818.88	0.00611			
406858.21	3747820.36	0.00253	406845.70	
3747807.86	0.00238			
406867.06	3747824.02	0.00283	406876.84	
3747824.01	0.00341			
406886.63	3747824.00	0.00411	406896.42	
3747823.99	0.00488			
406906.20	3747823.98	0.00567	406915.99	
3747823.97	0.00640			
406925.77	3747823.96	0.00698	406935.56	
3747823.94	0.00736			

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406984.50	3747828.89	0.00582	406994.28	
3747828.88	0.00535			
406858.81	3747830.61	0.00221	406850.55	
3747827.19	0.00201			
406838.87	3747815.53	0.00192	406835.45	
3747807.27	0.00200			
406867.07	3747834.02	0.00242	406876.85	
3747834.01	0.00287			
406886.64	3747834.00	0.00339	406896.43	
3747833.99	0.00398			
406906.21	3747833.98	0.00457	406916.00	
3747833.97	0.00513			
406925.79	3747833.96	0.00560	406935.57	
3747833.94	0.00593			
406945.36	3747833.93	0.00611	406955.14	
3747833.92	0.00613			
406964.93	3747833.91	0.00600	406974.72	
3747833.90	0.00575			
406984.50	3747833.89	0.00541	406994.29	
3747833.88	0.00501			
406860.00	3747836.09	0.00208	406852.92	
3747833.17	0.00193			
406845.84	3747830.24	0.00179	406835.83	

3747820.24	0.00173		
406832.90	3747813.17	0.00179	406829.96
3747806.09	0.00185		
406867.07	3747839.02	0.00224	406876.86
3747839.01	0.00264		
406886.65	3747839.00	0.00310	406896.43
3747838.99	0.00361		
406906.22	3747838.98	0.00413	406916.00
3747838.97	0.00463		
406925.79	3747838.96	0.00505	406935.58
3747838.94	0.00536		
406945.36	3747838.93	0.00554	406955.15
3747838.92	0.00559		
406964.94	3747838.91	0.00550	406974.72
3747838.90	0.00531		
406984.51	3747838.89	0.00503	406994.29
3747838.88	0.00469		
406859.12	3747840.73	0.00192	406851.15
3747837.44	0.00177		
406843.19	3747834.15	0.00164	406831.93
3747822.90	0.00158		
406828.63	3747814.94	0.00164	406825.33
3747806.98	0.00170		
406867.08	3747844.02	0.00208	406876.87
3747844.01	0.00244		
406886.65	3747844.00	0.00284	406896.44
3747843.99	0.00329		
406906.22	3747843.98	0.00375	406916.01
3747843.97	0.00419		
406925.80	3747843.96	0.00457	406935.58
3747843.94	0.00486		
406945.37	3747843.93	0.00504	406955.15
3747843.92	0.00511		
406964.94	3747843.91	0.00506	406974.73
3747843.90	0.00491		
406984.51	3747843.89	0.00468	406994.30
3747843.88	0.00440		
406858.24	3747845.36	0.00178	406849.39
3747841.71	0.00163		
406840.54	3747838.05	0.00150	406828.03
3747825.55	0.00145		
406824.36	3747816.71	0.00151	406820.70
3747807.86	0.00157		
406867.09	3747849.02	0.00194	406876.87
3747849.01	0.00225		
406886.66	3747849.00	0.00262	406896.44
3747848.99	0.00301		
406906.23	3747848.98	0.00342	406916.02
3747848.97	0.00381		
406925.80	3747848.96	0.00416	406935.59
3747848.94	0.00443		
406945.37	3747848.93	0.00461	406955.16
3747848.92	0.00468		
406964.95	3747848.91	0.00466	406974.73
3747848.90	0.00455		
406984.52	3747848.89	0.00436	406994.31
3747848.88	0.00413		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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 *** *** 15:58:07

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR

SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM
MICROGRAMS/M**3

IN

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406859.30	3747850.80	0.00168	406851.52	
3747847.58	0.00157			
406843.73	3747844.37	0.00146	406835.95	
3747841.15	0.00136			
406824.93	3747830.15	0.00132	406821.71	
3747822.37	0.00137			
406818.48	3747814.58	0.00142	406815.26	
3747806.80	0.00146			
406867.09	3747854.02	0.00181	406876.88	
3747854.01	0.00209			
406886.66	3747854.00	0.00241	406896.45	
3747853.99	0.00277			
406906.24	3747853.98	0.00313	406916.02	
3747853.97	0.00348			
406925.81	3747853.96	0.00379	406935.59	
3747853.94	0.00404			
406945.38	3747853.93	0.00422	406955.17	
3747853.92	0.00430			
406964.95	3747853.91	0.00430	406974.74	
3747853.90	0.00422			
406984.52	3747853.89	0.00407	406994.31	
3747853.88	0.00387			
406858.60	3747855.51	0.00157	406850.11	
3747852.00	0.00145			
406841.61	3747848.49	0.00135	406833.12	
3747844.98	0.00125			
406821.11	3747832.98	0.00122	406817.59	
3747824.49	0.00127			
406814.07	3747816.00	0.00131	406810.55	
3747807.51	0.00135			
406867.10	3747859.02	0.00169	406876.88	
3747859.01	0.00194			
406886.67	3747859.00	0.00223	406896.45	
3747858.99	0.00255			
406906.24	3747858.98	0.00287	406916.03	
3747858.97	0.00319			
406925.81	3747858.96	0.00347	406935.60	
3747858.94	0.00371			
406945.39	3747858.93	0.00387	406955.17	
3747858.92	0.00396			
406964.96	3747858.91	0.00398	406974.74	
3747858.90	0.00392			
406984.53	3747858.89	0.00381	406994.32	
3747858.88	0.00364			
406859.43	3747860.85	0.00148	406851.77	
3747857.68	0.00139			
406844.10	3747854.51	0.00130	406836.43	
3747851.34	0.00122			
406828.76	3747848.18	0.00115	406817.92	
3747837.34	0.00112			
406814.74	3747829.68	0.00116	406811.56	
3747822.01	0.00120			
406808.38	3747814.35	0.00123	406805.21	
3747806.68	0.00126			


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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:58:07
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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
    INCLUDING SOURCE(S): VOL1 ,

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406886.68	3747869.00	0.00193	406896.47	
3747868.99	0.00218			
406906.25	3747868.98	0.00245	406916.04	
3747868.97	0.00270			
406925.82	3747868.96	0.00294	406935.61	
3747868.94	0.00314			
406945.40	3747868.93	0.00329	406955.18	
3747868.92	0.00339			
406964.97	3747868.91	0.00343	406974.75	
3747868.90	0.00341			
406984.54	3747868.89	0.00334	406994.33	
3747868.88	0.00322			
406858.26	3747870.36	0.00130	406849.42	
3747866.71	0.00121			
406840.57	3747863.05	0.00113	406831.72	
3747859.39	0.00105			
406822.87	3747855.74	0.00099	406810.36	
3747843.24	0.00096			
406806.69	3747834.39	0.00100	406803.03	

3747825.55	0.00104		
406799.36	3747816.71	0.00107	406795.70
3747807.86	0.00110		
406867.11	3747874.02	0.00139	406876.90
3747874.01	0.00158		
406886.68	3747874.00	0.00180	406896.47
3747873.99	0.00203		
406906.26	3747873.98	0.00226	406916.04
3747873.97	0.00250		
406925.83	3747873.96	0.00272	406935.62
3747873.94	0.00290		
406945.40	3747873.93	0.00305	406955.19
3747873.92	0.00314		
406964.97	3747873.91	0.00319	406974.76
3747873.90	0.00318		
406984.55	3747873.89	0.00313	406994.33
3747873.88	0.00303		
406859.03	3747875.68	0.00123	406850.94
3747872.33	0.00116		
406842.85	3747868.99	0.00109	406834.76
3747865.65	0.00102		
406826.67	3747862.31	0.00097	406818.58
3747858.96	0.00091		
406807.14	3747847.53	0.00089	406803.79
3747839.45	0.00093		
406800.44	3747831.36	0.00096	406797.09
3747823.28	0.00099		
406793.73	3747815.19	0.00101	406790.38
3747807.11	0.00103		
406867.12	3747879.02	0.00131	406876.90
3747879.01	0.00148		
406886.69	3747879.00	0.00168	406896.48
3747878.99	0.00189		
406906.26	3747878.98	0.00210	406916.05
3747878.97	0.00232		
406925.83	3747878.96	0.00251	406935.62
3747878.94	0.00269		
406945.41	3747878.93	0.00283	406955.19
3747878.92	0.00292		
406964.98	3747878.91	0.00297	406974.77
3747878.90	0.00297		
406984.55	3747878.89	0.00294	406994.34
3747878.88	0.00286		
406858.53	3747880.47	0.00116	406849.93
3747876.92	0.00109		
406841.34	3747873.36	0.00102	406824.15
3747866.26	0.00090		
406815.55	3747862.71	0.00085	406803.40
3747850.57	0.00083		
406799.84	3747841.98	0.00087	406796.28
3747833.38	0.00090		
406792.71	3747824.79	0.00092	406789.15
3747816.20	0.00095		
406785.59	3747807.61	0.00097	406867.12
3747884.02	0.00124		
406876.91	3747884.01	0.00140	406886.70
3747884.00	0.00157		
406896.48	3747883.99	0.00176	406906.27
3747883.98	0.00196		
406916.05	3747883.97	0.00215	406925.84
3747883.96	0.00233		

*** AERMOD - VERSION 22112 ***

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*** AERMET - VERSION 16216 ***

*** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M) Y-COORD (M)		CONC	X-COORD (M) Y-COORD
(M)	CONC		
406935.63	3747883.94	0.00250	406945.41
3747883.93	0.00263		
406955.20	3747883.92	0.00272	406964.99
3747883.91	0.00277		
406974.77	3747883.90	0.00278	406984.56
3747883.89	0.00276		
406994.34	3747883.88	0.00270	406859.17
3747885.73	0.00110		
406851.20	3747882.44	0.00104	406843.24
3747879.15	0.00098		
406835.28	3747875.86	0.00093	406827.31
3747872.57	0.00088		
406819.35	3747869.28	0.00083	406811.39
3747865.99	0.00079		
406800.13	3747854.74	0.00078	406796.83
3747846.78	0.00080		
406793.53	3747838.82	0.00083	406790.23
3747830.86	0.00085		
406786.93	3747822.90	0.00088	406783.63
3747814.94	0.00089		
406780.33	3747806.98	0.00091	406867.13
3747889.02	0.00117		
406876.92	3747889.01	0.00131	406886.70
3747889.00	0.00147		
406896.49	3747888.99	0.00165	406906.27
3747888.98	0.00183		
406916.06	3747888.97	0.00200	406925.85
3747888.96	0.00217		
406935.63	3747888.94	0.00232	406945.42
3747888.93	0.00245		
406955.20	3747888.92	0.00254	406964.99
3747888.91	0.00259		
406974.78	3747888.90	0.00261	406984.56
3747888.89	0.00260		
406994.35	3747888.88	0.00255	406858.73
3747890.55	0.00104		
406850.32	3747887.07	0.00098	406833.51
3747880.13	0.00087		
406825.11	3747876.65	0.00082	406816.70
3747873.18	0.00078		
406808.30	3747869.71	0.00074	406796.41
3747857.83	0.00073		
406792.93	3747849.43	0.00075	406789.44
3747841.03	0.00078		
406785.96	3747832.63	0.00080	406782.48
3747824.22	0.00082		
406779.00	3747815.82	0.00084	406775.51
3747807.42	0.00085		
406867.13	3747894.02	0.00110	406876.92
3747894.01	0.00124		

406886.71	3747894.00	0.00138	406896.49
3747893.99	0.00154		
406906.28	3747893.98	0.00171	406916.07
3747893.97	0.00187		
406925.85	3747893.96	0.00203	406935.64
3747893.94	0.00216		
406945.42	3747893.93	0.00228	406955.21
3747893.92	0.00237		
406965.00	3747893.91	0.00243	406974.78
3747893.90	0.00245		
406984.57	3747893.89	0.00244	406994.35
3747893.88	0.00241		
406858.29	3747895.36	0.00098	406849.44
3747891.71	0.00093		
406840.60	3747888.05	0.00087	406831.75
3747884.39	0.00082		
406822.90	3747880.74	0.00077	406814.05
3747877.08	0.00073		
406805.21	3747873.43	0.00069	406792.69
3747860.93	0.00068		
406789.03	3747852.08	0.00071	406785.36
3747843.24	0.00073		
406781.69	3747834.39	0.00075	406778.03
3747825.55	0.00078		
406774.36	3747816.71	0.00079	406770.70
3747807.86	0.00081		
406867.14	3747899.02	0.00105	406876.93
3747899.01	0.00117		
406886.71	3747899.00	0.00130	406896.50
3747898.99	0.00145		

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FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				

406906.28	3747898.98	0.00160		406916.07	
3747898.97	0.00175				
406925.86	3747898.96	0.00189		406935.64	
3747898.94	0.00202				
406945.43	3747898.93	0.00213		406955.22	
3747898.92	0.00222				
406965.00	3747898.91	0.00228		406974.79	
3747898.90	0.00230				
406984.57	3747898.89	0.00230		406994.36	
3747898.88	0.00228				
406867.03	3747799.02	0.00427		406994.25	
3747798.88	0.00797				
406994.38	3747671.80	0.00368		406867.03	
3747671.67	0.00336				

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FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM IN			
		MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406999.25	3747798.89	0.15334	(13112016)	406999.26	
3747789.11	0.15949	(13112016)			
406999.27	3747779.33	0.16810	(12121416)	406999.28	
3747769.56	0.18916	(12121416)			
406999.29	3747759.78	0.20243	(12121416)	406999.30	
3747750.01	0.20492	(12121416)			
406999.31	3747740.23	0.19513	(12121416)	406999.32	
3747730.46	0.18418	(15122816)			
406999.33	3747720.68	0.19887	(15122816)	406999.34	
3747710.91	0.20256	(15122816)			
406999.35	3747701.13	0.19593	(15122816)	406999.36	
3747691.36	0.18109	(15122816)			
406999.37	3747681.58	0.16080	(15122816)	406999.38	
3747671.81	0.13789	(15122816)			
407004.25	3747798.89	0.14085	(13112016)	407004.26	
3747789.11	0.14408	(13112016)			
407004.27	3747779.34	0.15967	(12121416)	407004.28	
3747769.56	0.17707	(12121416)			
407004.29	3747759.79	0.18696	(12121416)	407004.30	
3747750.01	0.18703	(12121416)			
407004.31	3747740.24	0.17633	(12121416)	407004.32	
3747730.46	0.16616	(12122416)			
407004.33	3747720.69	0.17934	(15122816)	407004.34	
3747710.91	0.18520	(15122816)			
407004.35	3747701.14	0.18179	(15122816)	407004.36	
3747691.36	0.17060	(15122816)			
407004.37	3747681.59	0.15388	(15122816)	407004.38	
3747671.81	0.13405	(15122816)			
407007.05	3747804.19	0.13181	(13112016)	406999.56	
3747811.68	0.14116	(13112016)			
407009.25	3747798.90	0.12866	(13112016)	407009.26	
3747789.12	0.13266	(12121416)			
407009.27	3747779.34	0.15153	(12121416)	407009.28	
3747769.57	0.16574	(12121416)			
407009.29	3747759.79	0.17284	(12121416)	407009.30	
3747750.02	0.17101	(12121416)			
407009.31	3747740.24	0.15973	(12121416)	407009.32	
3747730.47	0.15182	(12122416)			
407009.33	3747720.69	0.16194	(15122816)	407009.34	
3747710.92	0.16938	(15122816)			
407009.35	3747701.14	0.16855	(15122816)	407009.36	
3747691.37	0.16045	(15122816)			
407009.37	3747681.59	0.14687	(15122816)	407009.38	
3747671.82	0.12990	(15122816)			
407011.32	3747805.96	0.12205	(13112016)	407001.33	
3747815.95	0.13437	(12113016)			

407014.25	3747798.90	0.11693	(13112016)	407014.26
3747789.13	0.12754	(12121416)		
407014.27	3747779.35	0.14369	(12121416)	407014.28
3747769.57	0.15517	(12121416)		
407014.29	3747759.80	0.15994	(12121416)	407014.30
3747750.02	0.15665	(12121416)		
407014.31	3747740.25	0.14509	(12121416)	407014.32
3747730.47	0.13926	(12122416)		
407014.33	3747720.70	0.14642	(15122816)	407014.34
3747710.92	0.15498	(15122816)		
407014.35	3747701.15	0.15620	(15122816)	407014.36
3747691.37	0.15070	(15122816)		
407014.37	3747681.60	0.13988	(15122816)	407014.38
3747671.82	0.12547	(15122816)		
407015.59	3747807.73	0.11304	(13112016)	407003.10
3747820.22	0.12813	(12113016)		
407019.25	3747798.91	0.10605	(12121416)	407019.26
3747789.13	0.12245	(12121416)		
407019.27	3747779.35	0.13618	(12121416)	407019.28
3747769.58	0.14530	(12121416)		
407019.29	3747759.80	0.14817	(12121416)	407019.30
3747750.03	0.14376	(12121416)		
407019.31	3747740.25	0.13212	(12121416)	407019.32
3747730.48	0.12820	(12122416)		
407019.33	3747720.70	0.13258	(15122816)	407019.34
3747710.93	0.14188	(15122816)		
407019.35	3747701.15	0.14471	(15122816)	407019.36
3747691.38	0.14139	(15122816)		
407019.37	3747681.60	0.13296	(15122816)	407019.38
3747671.83	0.12087	(15122816)		
407021.32	3747805.97	0.10211	(13112016)	407018.39
3747813.03	0.10677	(13112016)		
407008.40	3747823.02	0.11765	(13112016)	407001.34
3747825.95	0.12795	(12113016)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
407024.25	3747798.91	0.10301	(12121416)	407024.26	
3747789.14	0.11740	(12121416)			
407024.27	3747779.36	0.12900	(12121416)	407024.28	
3747769.58	0.13612	(12121416)			
407024.29	3747759.81	0.13741	(12121416)	407024.30	
3747750.03	0.13217	(12121416)			
407024.31	3747740.26	0.12061	(12121416)	407024.32	
3747730.48	0.11841	(12122416)			
407024.33	3747720.71	0.12022	(15122816)	407024.34	
3747710.93	0.12999	(15122816)			
407024.35	3747701.16	0.13405	(15122816)	407024.36	

3747691.38	0.13253	(15122816)	
407024.37	3747681.61	0.12618	(15122816) 407024.38
3747671.83	0.11616	(15122816)	
407025.83	3747807.15	0.09382	(13112016) 407022.42
3747815.39	0.09957	(13112016)	
407010.76	3747827.05	0.11169	(13112016) 407002.53
3747830.46	0.12278	(12113016)	
407029.25	3747798.92	0.09986	(12121416) 407029.26
3747789.14	0.11245	(12121416)	
407029.27	3747779.37	0.12215	(12121416) 407029.28
3747769.59	0.12756	(12121416)	
407029.29	3747759.81	0.12758	(12121416) 407029.30
3747750.04	0.12174	(12121416)	
407029.31	3747740.26	0.11037	(12121416) 407029.32
3747730.49	0.10969	(12122416)	
407029.33	3747720.71	0.10920	(15122816) 407029.34
3747710.94	0.11918	(15122816)	
407029.35	3747701.16	0.12419	(15122816) 407029.36
3747691.39	0.12414	(15122816)	
407029.37	3747681.61	0.11956	(15122816) 407029.38
3747671.84	0.11140	(15122816)	
407031.32	3747805.98	0.08892	(12121416) 407028.39
3747813.04	0.08994	(13112016)	
407025.46	3747820.10	0.09418	(13112016) 407015.48
3747830.09	0.10406	(13112016)	
407008.41	3747833.02	0.11179	(12113016) 407001.35
3747835.95	0.12051	(12113016)	
407034.25	3747798.92	0.09666	(12121416) 407034.26
3747789.15	0.10760	(12121416)	
407034.27	3747779.37	0.11565	(12121416) 407034.28
3747769.59	0.11960	(12121416)	
407034.29	3747759.82	0.11859	(12121416) 407034.30
3747750.04	0.11233	(12121416)	
407034.31	3747740.27	0.10125	(12121416) 407034.32
3747730.49	0.10190	(12122416)	
407034.33	3747720.72	0.10082	(12122416) 407034.34
3747710.94	0.10937	(15122816)	
407034.35	3747701.17	0.11507	(15122816) 407034.36
3747691.39	0.11622	(15122816)	
407034.37	3747681.62	0.11317	(15122816) 407034.38
3747671.84	0.10664	(15122816)	
407035.96	3747806.87	0.08578	(12121416) 407032.66
3747814.81	0.08340	(13112016)	
407029.37	3747822.76	0.08828	(13112016) 407018.13
3747833.99	0.09891	(13112016)	
407010.19	3747837.29	0.10702	(12113016) 407002.24
3747840.58	0.11577	(12113016)	
407039.25	3747798.93	0.09341	(12121416) 407039.26
3747789.15	0.10289	(12121416)	
407039.27	3747779.38	0.10948	(12121416) 407039.28
3747769.60	0.11220	(12121416)	
407039.29	3747759.82	0.11036	(12121416) 407039.30
3747750.05	0.10382	(12121416)	
407039.31	3747740.27	0.09307	(12121416) 407039.32
3747730.50	0.09489	(12122416)	
407039.33	3747720.72	0.09410	(12122416) 407039.34
3747710.95	0.10045	(15122816)	
407039.35	3747701.17	0.10665	(15122816) 407039.36
3747691.40	0.10877	(15122816)	
407039.37	3747681.62	0.10700	(15122816) 407039.38
3747671.85	0.10192	(15122816)	
407040.59	3747807.76	0.08275	(12121416) 407036.93
3747816.58	0.07737	(13112016)	
407033.27	3747825.41	0.08286	(13112016) 407020.78
3747837.90	0.09414	(13112016)	
407011.96	3747841.56	0.10255	(12113016) 407003.13

3747845.22 0.11120 (12113016)
407044.25 3747798.93 0.09017 (12121416) 407044.26
3747789.16 0.09831 (12121416)

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
407044.27	3747779.38	0.10364	(12121416)	407044.28	
3747769.60	0.10531	(12121416)			
407044.29	3747759.83	0.10281	(12121416)	407044.30	
3747750.05	0.09611	(12121416)			
407044.31	3747740.28	0.08621	(12122416)	407044.32	
3747730.50	0.08858	(12122416)			
407044.33	3747720.73	0.08802	(12122416)	407044.34	
3747710.95	0.09236	(15122816)			
407044.35	3747701.18	0.09888	(15122816)	407044.36	
3747691.40	0.10177	(15122816)			
407044.37	3747681.63	0.10109	(15122816)	407044.38	
3747671.85	0.09726	(15122816)			
407046.03	3747806.70	0.08152	(12121416)	407042.81	
3747814.47	0.07423	(12121416)			
407039.59	3747822.24	0.07452	(13112016)	407036.36	
3747830.00	0.07879	(13112016)			
407025.38	3747840.99	0.08824	(13112016)	407017.61	
3747844.21	0.09398	(12113016)			
407009.84	3747847.44	0.10222	(12113016)	407002.08	
3747850.66	0.10799	(12113016)			
407049.25	3747798.94	0.08694	(12121416)	407049.26	
3747789.16	0.09390	(12121416)			
407049.27	3747779.39	0.09811	(12121416)	407049.28	
3747769.61	0.09890	(12121416)			
407049.29	3747759.83	0.09589	(12121416)	407049.30	
3747750.06	0.08913	(12121416)			
407049.31	3747740.28	0.08061	(12122416)	407049.32	
3747730.51	0.08287	(12122416)			
407049.33	3747720.73	0.08250	(12122416)	407049.34	
3747710.96	0.08500	(15122816)			
407049.35	3747701.18	0.09172	(15122816)	407049.36	
3747691.41	0.09521	(15122816)			
407049.37	3747681.63	0.09544	(15122816)	407049.38	
3747671.86	0.09271	(15122816)			
407050.74	3747807.41	0.07868	(12121416)	407047.22	
3747815.89	0.07146	(12121416)			
407043.71	3747824.36	0.06962	(13112016)	407040.19	
3747832.83	0.07426	(13112016)			
407028.21	3747844.82	0.08411	(13112016)	407019.73	
3747848.33	0.09001	(12113016)			
407002.79	3747855.36	0.10406	(14120316)	407054.25	
3747798.94	0.08376	(12121416)			


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FF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:58:07
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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ  U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S) : VOL1

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407057.42	3747815.43	0.06893	(12121416)	407054.00	
3747823.66	0.06216	(12121416)			
407050.58	3747831.90	0.06288	(13112016)	407047.17	
3747840.14	0.06689	(13112016)			
407035.51	3747851.79	0.07564	(13112016)	407027.28	
3747855.21	0.08039	(13112016)			
407019.04	3747858.63	0.08720	(12113016)	407010.80	

3747862.05	0.09282	(12113016)	
407002.56	3747865.46	0.09876	(14120316) 407064.25
3747798.95	0.07755	(12121416)	
407064.26	3747789.18	0.08164	(12121416) 407064.27
3747779.40	0.08333	(12121416)	
407064.28	3747769.63	0.08226	(12121416) 407064.29
3747759.85	0.07833	(12121416)	
407064.30	3747750.07	0.07173	(12121416) 407064.31
3747740.30	0.06673	(12122416)	
407064.32	3747730.52	0.06869	(12122416) 407064.33
3747720.75	0.06871	(12122416)	
407064.34	3747710.97	0.06683	(12122416) 407064.35
3747701.20	0.07345	(15122816)	
407064.36	3747691.42	0.07799	(15122816) 407064.37
3747681.65	0.08010	(15122816)	
407064.38	3747671.87	0.07983	(15122816) 407065.59
3747807.78	0.07161	(12121416)	
407061.93	3747816.61	0.06654	(12121416) 407058.27
3747825.43	0.05982	(12121416)	
407054.61	3747834.26	0.05910	(13112016) 407050.95
3747843.09	0.06334	(13112016)	
407038.46	3747855.57	0.07231	(13112016) 407029.63
3747859.23	0.07704	(13112016)	
407020.81	3747862.90	0.08390	(12113016) 407011.98
3747866.56	0.08931	(12113016)	
407003.16	3747870.22	0.09532	(14120316) 407069.25
3747798.96	0.07455	(12121416)	
407069.26	3747789.18	0.07790	(12121416) 407069.27
3747779.41	0.07896	(12121416)	
407069.28	3747769.63	0.07747	(12121416) 407069.29
3747759.86	0.07338	(12121416)	
407069.30	3747750.08	0.06692	(12121416) 407069.31
3747740.30	0.06289	(12122416)	
407069.32	3747730.53	0.06476	(12122416) 407069.33
3747720.75	0.06487	(12122416)	
407069.34	3747710.98	0.06325	(12122416) 407069.35
3747701.20	0.06830	(15122816)	
407069.36	3747691.43	0.07300	(15122816) 407069.37
3747681.65	0.07552	(15122816)	
407069.38	3747671.88	0.07584	(15122816) 407070.90
3747807.03	0.06961	(12121416)	
407067.56	3747815.10	0.06585	(12121416) 407064.21
3747823.17	0.06065	(12121416)	
407060.86	3747831.24	0.05695	(12121716) 407057.51
3747839.31	0.05703	(13112016)	
407054.17	3747847.38	0.06056	(13112016) 407042.75
3747858.79	0.06839	(13112016)	
407034.68	3747862.14	0.07273	(13112016) 407026.61
3747865.49	0.07778	(12113016)	
407018.54	3747868.84	0.08334	(12113016) 407010.48
3747872.18	0.08688	(12113016)	
407002.41	3747875.53	0.09335	(14120316) 407074.25
3747798.96	0.07163	(12121416)	
407074.26	3747789.19	0.07431	(12121416) 407074.27
3747779.41	0.07485	(12121416)	
407074.28	3747769.64	0.07301	(12121416) 407074.29
3747759.86	0.06882	(12121416)	
407074.30	3747750.08	0.06252	(12121416) 407074.31
3747740.31	0.05937	(12122416)	
407074.32	3747730.53	0.06115	(12122416) 407074.33
3747720.76	0.06133	(12122416)	
407074.34	3747710.98	0.05993	(12122416) 407074.35
3747701.21	0.06354	(15122816)	
407074.36	3747691.43	0.06835	(15122816) 407074.37
3747681.66	0.07119	(15122816)	
407074.38	3747671.88	0.07201	(15122816) 407075.69

3747807.54	0.06715	(12121416)	
407072.14	3747816.11	0.06363	(12121416) 407068.58
3747824.69	0.05854	(12121416)	
407065.03	3747833.26	0.05457	(12121716) 407061.47
3747841.83	0.05404	(12121716)	
407057.91	3747850.41	0.05751	(13112016) 407045.78
3747862.54	0.06547	(13112016)	

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
407037.21	3747866.10	0.06979	(13112016)	407028.64	
3747869.65	0.07487	(12113016)			
407020.06	3747873.21	0.08031	(12113016)	407011.49	
3747876.77	0.08357	(12113016)			
407002.92	3747880.32	0.09017	(14120316)	407079.25	
3747798.97	0.06880	(12121416)			
407079.26	3747789.19	0.07090	(12121416)	407079.27	
3747779.42	0.07097	(12121416)			
407079.28	3747769.64	0.06886	(12121416)	407079.29	
3747759.87	0.06462	(12121416)			
407079.30	3747750.09	0.05858	(16010616)	407079.31	
3747740.31	0.05614	(12122416)			
407079.32	3747730.54	0.05784	(12122416)	407079.33	
3747720.76	0.05808	(12122416)			
407079.34	3747710.99	0.05687	(12122416)	407079.35	
3747701.21	0.05917	(15122816)			
407079.36	3747691.44	0.06401	(15122816)	407079.37	
3747681.66	0.06710	(15122816)			
407079.38	3747671.89	0.06835	(15122816)	407080.96	
3747806.92	0.06504	(12121416)			
407077.66	3747814.86	0.06248	(12121416)	407074.37	
3747822.80	0.05857	(12121416)			
407071.07	3747830.74	0.05359	(12121416)	407067.78	
3747838.69	0.05237	(12121716)			
407064.48	3747846.63	0.05192	(13112016)	407061.19	
3747854.57	0.05506	(13112016)			
407049.95	3747865.81	0.06212	(13112016)	407042.01	
3747869.11	0.06609	(13112016)			
407034.06	3747872.40	0.06965	(12113016)	407026.12	
3747875.70	0.07503	(12113016)			
407018.18	3747878.99	0.07883	(12113016)	407010.23	
3747882.29	0.08117	(14120316)			
407002.29	3747885.58	0.08802	(14120316)	407084.25	
3747798.97	0.06607	(12121416)			
407084.26	3747789.20	0.06765	(12121416)	407084.27	
3747779.42	0.06732	(12121416)			
407084.28	3747769.65	0.06500	(12121416)	407084.29	
3747759.87	0.06073	(12121416)			

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FF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***      06/27/23
*** AERMET - VERSION 16216 ***
***                                     *** 15:58:07
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407072.29	3747851.94	0.04777	(12121716)	407068.62	
3747860.76	0.04997	(13112016)			
407056.14	3747873.25	0.05716	(13112016)	407047.31	

3747876.91	0.06108	(13112016)	
407038.49	3747880.57	0.06466	(12113016) 407029.66
3747884.23	0.06987	(12113016)	
407020.84	3747887.90	0.07330	(12113016) 407012.01
3747891.56	0.07578	(14120316)	
407003.19	3747895.22	0.08222	(14120316) 407094.25
3747798.98	0.06088	(12121416)	
407094.26	3747789.21	0.06160	(12121416) 407094.27
3747779.43	0.06066	(12121416)	
407094.28	3747769.66	0.05803	(12121416) 407094.29
3747759.88	0.05380	(12121416)	
407094.30	3747750.11	0.05017	(16010616) 407094.31
3747740.33	0.04787	(12122416)	
407094.32	3747730.55	0.04935	(12122416) 407094.33
3747720.78	0.04971	(12122416)	
407094.34	3747711.00	0.04894	(12122416) 407094.35
3747701.23	0.04849	(16011916)	
407094.36	3747691.45	0.05272	(15122816) 407094.37
3747681.68	0.05622	(15122816)	
407094.38	3747671.90	0.05834	(15122816) 406994.39
3747666.80	0.12792	(15122816)	
406984.59	3747666.79	0.13006	(15122816) 406974.79
3747666.78	0.13740	(13121016)	
406965.00	3747666.77	0.14811	(12122016) 406955.20
3747666.76	0.15945	(12122016)	
406945.40	3747666.75	0.16577	(12122016) 406935.61
3747666.74	0.16555	(12122016)	
406925.81	3747666.73	0.15788	(12122016) 406916.02
3747666.72	0.14929	(16120216)	
406906.22	3747666.71	0.14053	(16120216) 406896.42
3747666.70	0.14406	(13112916)	
406886.63	3747666.69	0.14680	(13112916) 406876.83
3747666.68	0.14572	(13112916)	
406867.04	3747666.67	0.14158	(13112916) 406994.39
3747661.80	0.11499	(15122816)	
406984.59	3747661.79	0.12016	(13121016) 406974.80
3747661.78	0.12660	(13121016)	
406965.00	3747661.77	0.13654	(12122016) 406955.21
3747661.76	0.14547	(12122016)	
406945.41	3747661.75	0.14985	(12122016) 406935.61
3747661.74	0.14852	(12122016)	
406925.82	3747661.73	0.14089	(12122016) 406916.02
3747661.72	0.13686	(16120216)	
406906.22	3747661.71	0.12981	(16120216) 406896.43
3747661.70	0.12365	(13112916)	
406886.63	3747661.69	0.12861	(13112916) 406876.84
3747661.68	0.13007	(13112916)	
406867.04	3747661.67	0.12855	(13112916) 406999.70
3747659.00	0.10770	(15122816)	
407007.19	3747666.51	0.12125	(15122816) 406994.40
3747656.80	0.10511	(13121016)	
406984.60	3747656.79	0.11209	(13121016) 406974.80
3747656.78	0.11639	(13121016)	
406965.01	3747656.77	0.12608	(12122016) 406955.21
3747656.76	0.13307	(12122016)	
406945.41	3747656.75	0.13594	(12122016) 406935.62
3747656.74	0.13381	(12122016)	
406925.82	3747656.73	0.12632	(12122016) 406916.03
3747656.72	0.12586	(16120216)	
406906.23	3747656.71	0.12021	(16120216) 406896.43
3747656.70	0.11033	(16120216)	
406886.64	3747656.69	0.11206	(13112916) 406876.84
3747656.68	0.11544	(13112916)	
406867.05	3747656.67	0.11602	(13112916) 407001.47
3747654.74	0.09831	(15122816)	
407011.46	3747664.75	0.11548	(15122816) 406994.40

3747651.80	0.09914	(13121016)	
406984.60	3747651.79	0.10430	(13121016) 406974.81
3747651.78	0.10837	(12122016)	
406965.01	3747651.77	0.11661	(12122016) 406955.22
3747651.76	0.12202	(12122016)	
406945.42	3747651.75	0.12371	(12122016) 406935.62
3747651.74	0.12103	(12122016)	
406925.83	3747651.73	0.11598	(16120216) 406916.03
3747651.72	0.11609	(16120216)	
406906.24	3747651.71	0.11158	(16120216) 406896.44
3747651.70	0.10325	(16120216)	

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)		Y-COORD
(M)	CONC	(YYMMDDHH)						
406886.64	3747651.69	0.09717	(13112916)			406876.85		
3747651.68	0.10192	(13112916)						
406867.05	3747651.67	0.10414	(13112916)			407003.24		
3747650.47	0.09163	(13121016)						
407015.73	3747662.98	0.11009	(15122816)			406994.41		
3747646.80	0.09323	(13121016)						
406984.61	3747646.79	0.09684	(13121016)			406974.81		
3747646.78	0.10128	(12122016)						
406965.02	3747646.77	0.10803	(12122016)			406955.22		
3747646.76	0.11215	(12122016)						
406945.42	3747646.75	0.11292	(12122016)			406935.63		
3747646.74	0.10986	(12122016)						
406925.83	3747646.73	0.10685	(16120216)			406916.04		
3747646.72	0.10738	(16120216)						
406906.24	3747646.71	0.10380	(16120216)			406896.44		
3747646.70	0.09676	(16120216)						
406886.65	3747646.69	0.08718	(16120216)			406876.85		
3747646.68	0.08957	(13112916)						
406867.06	3747646.67	0.09301	(13112916)			407001.48		
3747644.74	0.08739	(13121016)						
407008.55	3747647.67	0.08542	(13121016)			407018.54		
3747657.68	0.10029	(15122816)						
407021.46	3747664.76	0.10936	(15122816)			406994.41		
3747641.80	0.08746	(13121016)						
406984.61	3747641.79	0.08973	(13121016)			406974.82		
3747641.78	0.09472	(12122016)						
406965.02	3747641.77	0.10024	(12122016)			406955.23		
3747641.76	0.10330	(12122016)						
406945.43	3747641.75	0.10336	(12122016)			406935.63		
3747641.74	0.10005	(12122016)						
406925.84	3747641.73	0.09874	(16120216)			406916.04		
3747641.72	0.09958	(16120216)						
406906.25	3747641.71	0.09677	(16120216)			406896.45		
3747641.70	0.09083	(16120216)						

406886.65	3747641.69	0.08250	(16120216)	406876.86
3747641.68	0.07837	(13112916)		
406867.06	3747641.67	0.08269	(13112916)	407002.66
3747640.23	0.08255	(13121016)		
407010.91	3747643.65	0.08084	(13121016)	407022.56
3747655.33	0.09528	(15122816)		
407025.97	3747663.58	0.10481	(15122816)	406994.42
3747636.80	0.08187	(13121016)		
406984.62	3747636.79	0.08301	(13121016)	406974.82
3747636.78	0.08868	(12122016)		
406965.03	3747636.77	0.09315	(12122016)	406955.23
3747636.76	0.09536	(12122016)		
406945.43	3747636.75	0.09487	(12122016)	406935.64
3747636.74	0.09141	(12122016)		
406925.84	3747636.73	0.09151	(16120216)	406916.05
3747636.72	0.09258	(16120216)		
406906.25	3747636.71	0.09040	(16120216)	406896.45
3747636.70	0.08538	(16120216)		
406886.66	3747636.69	0.07815	(16120216)	406876.86
3747636.68	0.06945	(16120216)		
406867.07	3747636.67	0.07321	(13112916)	407001.49
3747634.74	0.07789	(13121016)		
407008.56	3747637.67	0.07764	(13121016)	407015.63
3747640.61	0.07585	(13121016)		
407025.61	3747650.62	0.08776	(15122816)	407028.54
3747657.69	0.09595	(15122816)		
407031.46	3747664.77	0.10242	(15122816)	406994.42
3747631.80	0.07648	(13121016)		
406984.62	3747631.79	0.07790	(12122016)	406974.83
3747631.78	0.08311	(12122016)		
406965.03	3747631.77	0.08670	(12122016)	406955.24
3747631.76	0.08821	(12122016)		
406945.44	3747631.75	0.08729	(12122016)	406935.64
3747631.74	0.08376	(12122016)		
406925.85	3747631.73	0.08503	(16120216)	406916.05
3747631.72	0.08627	(16120216)		
406906.26	3747631.71	0.08462	(16120216)	406896.46
3747631.70	0.08038	(16120216)		
406886.66	3747631.69	0.07408	(16120216)	406876.87
3747631.68	0.06637	(16120216)		
406867.07	3747631.67	0.06458	(13112916)	407002.38
3747630.10	0.07341	(13121016)		
407010.33	3747633.41	0.07359	(13121016)	407018.28
3747636.71	0.07195	(13121016)		
407029.52	3747647.97	0.08334	(15122816)	407032.81
3747655.93	0.09182	(15122816)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

407036.09	3747663.89	0.09822	(15122816)	406994.43
3747626.80	0.07132	(13121016)		
406984.63	3747626.79	0.07358	(12122016)	406974.83
3747626.78	0.07796	(12122016)		
406965.04	3747626.77	0.08081	(12122016)	406955.24
3747626.76	0.08175	(12122016)		
406945.45	3747626.75	0.08051	(12122016)	406935.65
3747626.74	0.07697	(12122016)		
406925.85	3747626.73	0.07921	(16120216)	406916.06
3747626.72	0.08058	(16120216)		
406906.26	3747626.71	0.07935	(16120216)	406896.46
3747626.70	0.07577	(16120216)		
406886.67	3747626.69	0.07028	(16120216)	406876.87
3747626.68	0.06343	(16120216)		
406867.08	3747626.67	0.05785	(14121615)	407003.27
3747625.47	0.06918	(13121016)		
407012.10	3747629.14	0.06980	(13121016)	407020.94
3747632.81	0.06833	(13121016)		
407033.42	3747645.32	0.07926	(15122816)	407037.08
3747654.17	0.08794	(15122816)		
407040.73	3747663.01	0.09418	(15122816)	406994.43
3747621.80	0.06642	(13121016)		
406984.63	3747621.79	0.06954	(12122016)	406974.84
3747621.78	0.07320	(12122016)		
406965.04	3747621.77	0.07543	(12122016)	406955.25
3747621.76	0.07591	(12122016)		
406945.45	3747621.75	0.07443	(12122016)	406935.65
3747621.74	0.07091	(12122016)		
406925.86	3747621.73	0.07395	(16120216)	406916.06
3747621.72	0.07541	(16120216)		
406906.27	3747621.71	0.07453	(16120216)	406896.47
3747621.70	0.07152	(16120216)		
406886.67	3747621.69	0.06673	(16120216)	406876.88
3747621.68	0.06065	(16120216)		
406867.08	3747621.67	0.05376	(16120216)	407002.21
3747620.03	0.06469	(13121016)		
407009.99	3747623.26	0.06611	(13121016)	407017.76
3747626.49	0.06601	(13121016)		
407025.54	3747629.72	0.06447	(13121016)	407036.52
3747640.73	0.07348	(15122816)		
407039.74	3747648.51	0.08105	(15122816)	407042.95
3747656.29	0.08709	(15122816)		
407046.17	3747664.07	0.09109	(15122816)	406994.44
3747616.80	0.06176	(13121016)		
406984.64	3747616.79	0.06575	(12122016)	406974.84
3747616.78	0.06880	(12122016)		
406965.05	3747616.77	0.07050	(12122016)	406955.25
3747616.76	0.07061	(12122016)		
406945.46	3747616.75	0.06895	(12122016)	406935.66
3747616.74	0.06560	(16120216)		
406925.86	3747616.73	0.06919	(16120216)	406916.07
3747616.72	0.07070	(16120216)		
406906.27	3747616.71	0.07012	(16120216)	406896.47
3747616.70	0.06758	(16120216)		
406886.68	3747616.69	0.06341	(16120216)	406876.88
3747616.68	0.05800	(16120216)		
406867.09	3747616.67	0.05180	(16120216)	407002.92
3747615.32	0.06081	(13121016)		
407011.40	3747618.85	0.06265	(13121016)	407019.89
3747622.37	0.06280	(13121016)		
407028.37	3747625.89	0.06137	(13121016)	407040.36
3747637.91	0.06994	(15122816)		
407043.86	3747646.39	0.07762	(15122816)	407047.37
3747654.88	0.08359	(15122816)		
407050.87	3747663.37	0.08728	(15122816)	406994.44

3747611.80	0.05868	(12122016)		
406984.65	3747611.79	0.06220	(12122016)	406974.85
3747611.78	0.06472	(12122016)		
406965.05	3747611.77	0.06599	(12122016)	406955.26
3747611.76	0.06579	(12122016)		
406945.46	3747611.75	0.06400	(12122016)	406935.66
3747611.74	0.06146	(16120216)		
406925.87	3747611.73	0.06486	(16120216)	406916.07
3747611.72	0.06641	(16120216)		
406906.28	3747611.71	0.06607	(16120216)	406896.48
3747611.70	0.06395	(16120216)		
406886.68	3747611.69	0.06031	(16120216)	406876.89
3747611.68	0.05550	(16120216)		
406867.09	3747611.67	0.04989	(16120216)	407002.10
3747609.98	0.05662	(13121016)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
407009.76	3747613.16	0.05884	(13121016)	407017.42	
3747616.34	0.05981	(13121016)			
407025.07	3747619.52	0.05955	(13121016)	407032.73	
3747622.70	0.05812	(13121016)			
407043.55	3747633.55	0.06522	(15122816)	407046.72	
3747641.21	0.07200	(15122816)			
407049.88	3747648.88	0.07763	(15122816)	407053.05	
3747656.54	0.08170	(15122816)			
407056.21	3747664.20	0.08389	(15122816)	406994.45	
3747606.80	0.05586	(12122016)			
406984.65	3747606.79	0.05888	(12122016)	406974.85	
3747606.78	0.06095	(12122016)			
406965.06	3747606.77	0.06184	(12122016)	406955.26	
3747606.76	0.06140	(12122016)			
406945.47	3747606.75	0.05953	(12122016)	406935.67	
3747606.74	0.05769	(16120216)			
406925.87	3747606.73	0.06092	(16120216)	406916.08	
3747606.72	0.06248	(16120216)			
406906.28	3747606.71	0.06234	(16120216)	406896.48	
3747606.70	0.06057	(16120216)			
406886.69	3747606.69	0.05740	(16120216)	406876.89	
3747606.68	0.05312	(16120216)			
406867.10	3747606.67	0.04806	(16120216)	407002.70	
3747605.23	0.05311	(13121016)			
407010.94	3747608.65	0.05566	(13121016)	407019.19	
3747612.08	0.05690	(13121016)			
407027.44	3747615.50	0.05679	(13121016)	407035.68	
3747618.93	0.05544	(13121016)			
407047.34	3747630.61	0.06215	(15122816)	407050.75	
3747638.86	0.06899	(15122816)			

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PP *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***                      06/27/23
*** AERMET - VERSION 16216 ***
***                                     *** 15:58:07

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X-COORD (M) (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407064.36	3747647.63	0.07074	(15122816)	407067.70	
3747655.71	0.07301	(15122816)			
407071.04	3747663.80	0.07345	(15122816)	406994.46	
3747591.80	0.04826	(12122016)			
406984.67	3747591.79	0.05011	(12122016)	406974.87	
3747591.78	0.05116	(12122016)			
406965.07	3747591.77	0.05127	(12122016)	406955.28	
3747591.76	0.05035	(12122016)			
406945.48	3747591.75	0.04839	(12122016)	406935.68	
3747591.74	0.04823	(16120216)			
406925.89	3747591.73	0.05099	(16120216)	406916.09	
3747591.72	0.05253	(16120216)			
406906.30	3747591.71	0.05280	(16120216)	406896.50	
3747591.70	0.05182	(16120216)			
406886.70	3747591.69	0.04973	(16120216)	406876.91	
3747591.68	0.04671	(16120216)			
406867.11	3747591.67	0.04298	(16120216)	407003.05	
3747590.37	0.04552	(12122016)			
407011.63	3747593.93	0.04638	(13121016)	407020.21	
3747597.50	0.04852	(13121016)			
407028.80	3747601.06	0.04952	(13121016)	407037.38	
3747604.63	0.04939	(13121016)			
407045.96	3747608.19	0.04818	(13121016)	407058.09	
3747620.35	0.05307	(15122816)			
407061.64	3747628.94	0.05920	(15122816)	407065.19	
3747637.53	0.06435	(15122816)			
407068.74	3747646.12	0.06809	(15122816)	407072.28	
3747654.71	0.07013	(15122816)			
407075.83	3747663.30	0.07022	(15122816)	406994.47	
3747586.80	0.04600	(12122016)			
406984.67	3747586.79	0.04755	(12122016)	406974.87	
3747586.78	0.04835	(12122016)			
406965.08	3747586.77	0.04827	(12122016)	406955.28	
3747586.76	0.04726	(12122016)			
406945.49	3747586.75	0.04531	(12122016)	406935.69	
3747586.74	0.04558	(16120216)			
406925.89	3747586.73	0.04821	(16120216)	406916.10	
3747586.72	0.04973	(16120216)			
406906.30	3747586.71	0.05008	(16120216)	406896.51	
3747586.70	0.04930	(16120216)			
406886.71	3747586.69	0.04748	(16120216)	406876.91	
3747586.68	0.04479	(16120216)			
406867.12	3747586.67	0.04142	(16120216)	407002.42	
3747585.10	0.04361	(12122016)			
407010.38	3747588.41	0.04308	(13121016)	407018.33	
3747591.71	0.04541	(13121016)			
407026.28	3747595.01	0.04688	(13121016)	407034.23	
3747598.32	0.04745	(13121016)			
407042.18	3747601.62	0.04711	(13121016)	407050.13	
3747604.92	0.04593	(13121016)			
407061.37	3747616.18	0.04993	(15122816)	407064.66	
3747624.14	0.05542	(15122816)			
407067.95	3747632.10	0.06021	(15122816)	407071.23	
3747640.06	0.06399	(15122816)			
407074.52	3747648.02	0.06648	(15122816)	407077.81	
3747655.98	0.06750	(15122816)			
407081.09	3747663.93	0.06696	(15122816)	406994.47	
3747581.80	0.04386	(12122016)			
406984.68	3747581.79	0.04515	(12122016)	406974.88	
3747581.78	0.04573	(12122016)			
406965.08	3747581.77	0.04550	(12122016)	406955.29	

3747581.76	0.04442	(12122016)	
406945.49	3747581.75	0.04248	(12122016)
3747581.74	0.04315	(16120216)	
406925.90	3747581.73	0.04564	(16120216)
3747581.72	0.04713	(16120216)	
406906.31	3747581.71	0.04756	(16120216)
3747581.70	0.04695	(16120216)	
406886.71	3747581.69	0.04537	(16120216)
3747581.68	0.04297	(16120216)	
406867.12	3747581.67	0.03992	(16120216)
3747580.29	0.04172	(12122016)	
407011.26	3747583.77	0.04096	(12122016)
3747587.26	0.04313	(13121016)	
407028.05	3747590.75	0.04475	(13121016)
3747594.23	0.04542	(13121016)	
407044.84	3747597.72	0.04516	(13121016)
3747601.21	0.04403	(13121016)	
407065.09	3747613.09	0.04776	(15122816)
3747621.49	0.05324	(15122816)	

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FF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***      06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM IN			
		MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
407072.03	3747629.89	0.05799	(15122816)	407075.50	
3747638.30	0.06168	(15122816)			
407078.97	3747646.70	0.06402	(15122816)	407082.44	
3747655.10	0.06481	(15122816)			
407085.91	3747663.50	0.06396	(15122816)	406994.48	
3747576.80	0.04184	(12122016)			
406984.68	3747576.79	0.04290	(12122016)	406974.88	
3747576.78	0.04329	(12122016)			
406965.09	3747576.77	0.04293	(12122016)	406955.29	
3747576.76	0.04180	(12122016)			
406945.50	3747576.75	0.03989	(12122016)	406935.70	
3747576.74	0.04090	(16120216)			
406925.90	3747576.73	0.04327	(16120216)	406916.11	
3747576.72	0.04473	(16120216)			
406906.31	3747576.71	0.04522	(16120216)	406896.52	
3747576.70	0.04475	(16120216)			
406886.72	3747576.69	0.04338	(16120216)	406876.92	
3747576.68	0.04125	(16120216)			
406867.13	3747576.67	0.03849	(16120216)	407003.32	
3747575.47	0.03992	(12122016)			
407012.15	3747579.14	0.03927	(12122016)	407020.99	
3747582.81	0.04098	(13121016)			
407029.82	3747586.48	0.04273	(13121016)	407038.66	
3747590.15	0.04351	(13121016)			
407047.49	3747593.82	0.04333	(13121016)	407056.33	
3747597.49	0.04225	(13121016)			

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      15:58:07

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

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

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406852.03	3747701.06	0.17647	(13112916)	406852.03	
3747710.85	0.17657	(13112916)			
406852.03	3747720.65	0.19461	(13121916)	406852.03	
3747730.45	0.21884	(13121916)			
406852.03	3747740.24	0.23036	(13121916)	406852.03	
3747750.04	0.22748	(13121916)			
406852.03	3747759.84	0.21114	(13121916)	406852.03	
3747769.63	0.18465	(13121916)			
406852.03	3747779.43	0.15249	(13121916)	406852.03	
3747789.22	0.12328	(15021709)			
406852.03	3747799.02	0.11593	(15021709)	406849.96	
3747664.60	0.12581	(13112916)			
406859.97	3747654.60	0.11050	(13112916)	406847.03	
3747671.67	0.13480	(13112916)			
406847.03	3747681.47	0.14842	(13112916)	406847.03	
3747691.26	0.15834	(13112916)			
406847.03	3747701.06	0.16297	(13112916)	406847.03	
3747710.85	0.16102	(13112916)			
406847.03	3747720.65	0.17972	(13121916)	406847.03	
3747730.45	0.20204	(13121916)			
406847.03	3747740.24	0.21318	(13121916)	406847.03	
3747750.04	0.21153	(13121916)			
406847.03	3747759.84	0.19775	(13121916)	406847.03	
3747769.63	0.17457	(13121916)			
406847.03	3747779.43	0.14583	(13121916)	406847.03	
3747789.22	0.11560	(13121916)			
406847.03	3747799.02	0.10895	(15021709)	406845.70	
3747662.83	0.11975	(13112916)			
406858.21	3747650.33	0.10151	(13112916)	406842.03	
3747671.67	0.12926	(13112916)			
406842.03	3747681.47	0.14050	(13112916)	406842.03	
3747691.26	0.14801	(13112916)			
406842.03	3747701.06	0.15047	(13112916)	406842.03	
3747710.85	0.14693	(13112916)			
406842.03	3747720.65	0.16649	(13121916)	406842.03	
3747730.45	0.18710	(13121916)			
406842.03	3747740.24	0.19783	(13121916)	406842.03	
3747750.04	0.19716	(13121916)			
406842.03	3747759.84	0.18556	(13121916)	406842.03	
3747769.63	0.16526	(13121916)			
406842.03	3747779.43	0.13955	(13121916)	406842.03	
3747789.22	0.11202	(13121916)			
406842.03	3747799.02	0.10208	(15021709)	406839.96	
3747664.60	0.11792	(13112916)			
406842.90	3747657.52	0.10974	(13112916)	406852.91	
3747647.52	0.09590	(13112916)			
406859.98	3747644.60	0.09017	(13112916)	406837.03	
3747671.67	0.12367	(13112916)			
406837.03	3747681.47	0.13280	(13112916)	406837.03	
3747691.26	0.13824	(13112916)			
406837.03	3747701.06	0.13892	(13112916)	406837.03	
3747710.85	0.13417	(13112916)			
406837.03	3747720.65	0.15469	(13121916)	406837.03	
3747730.45	0.17375	(13121916)			
406837.03	3747740.24	0.18406	(13121916)	406837.03	
3747750.04	0.18419	(13121916)			
406837.03	3747759.84	0.17444	(13121916)	406837.03	

3747769.63	0.15664	(13121916)	
406837.03	3747779.43	0.13362	(13121916) 406837.03
3747789.22	0.10855	(13121916)	
406837.03	3747799.02	0.09538	(15021709) 406835.45
3747663.42	0.11273	(13112916)	
406838.87	3747655.16	0.10420	(13112916) 406850.55
3747643.50	0.08886	(13112916)	
406858.81	3747640.08	0.08201	(13112916) 406832.03
3747671.67	0.11809	(13112916)	
406832.03	3747681.47	0.12536	(13112916) 406832.03
3747691.26	0.12904	(13112916)	
406832.03	3747701.06	0.12828	(13112916) 406832.03
3747710.85	0.12262	(13112916)	
406832.03	3747720.65	0.14412	(13121916) 406832.03
3747730.45	0.16179	(13121916)	
406832.03	3747740.24	0.17167	(13121916) 406832.03
3747750.04	0.17244	(13121916)	
406832.03	3747759.84	0.16426	(13121916) 406832.03
3747769.63	0.14865	(13121916)	
406832.03	3747779.43	0.12802	(13121916) 406832.03
3747789.22	0.10516	(13121916)	
406832.03	3747799.02	0.08890	(15021709) 406829.96
3747664.60	0.10939	(13112916)	

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
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 *** *** 15:58:07

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406832.90	3747657.52	0.10387	(13112916)	406835.83	
3747650.45	0.09645	(13112916)			
406845.84	3747640.45	0.08397	(13112916)	406852.92	
3747637.52	0.07878	(13112916)			
406859.99	3747634.60	0.07223	(13112916)	406827.03	
3747671.67	0.11257	(13112916)			
406827.03	3747681.47	0.11821	(13112916)	406827.03	
3747691.26	0.12039	(13112916)			
406827.03	3747701.06	0.11847	(13112916)	406827.03	
3747710.85	0.11352	(13121916)			
406827.03	3747720.65	0.13463	(13121916)	406827.03	
3747730.45	0.15103	(13121916)			
406827.03	3747740.24	0.16048	(13121916)	406827.03	
3747750.04	0.16178	(13121916)			
406827.03	3747759.84	0.15494	(13121916)	406827.03	
3747769.63	0.14123	(13121916)			
406827.03	3747779.43	0.12273	(13121916)	406827.03	
3747789.22	0.10188	(13121916)			
406827.03	3747799.02	0.08267	(15021709)	406825.33	
3747663.71	0.10459	(13112916)			
406828.63	3747655.75	0.09924	(13112916)	406831.93	
3747647.79	0.09161	(13112916)			

406843.19	3747636.54	0.07825	(13112916)	406851.15
3747633.25	0.07244	(13112916)		
406859.11	3747629.96	0.06515	(13112916)	406822.03
3747671.67	0.10715	(13112916)		
406822.03	3747681.47	0.11137	(13112916)	406822.03
3747691.26	0.11230	(13112916)		
406822.03	3747701.06	0.10945	(13112916)	406822.03
3747710.85	0.10659	(13121916)		
406822.03	3747720.65	0.12606	(13121916)	406822.03
3747730.45	0.14132	(13121916)		
406822.03	3747740.24	0.15036	(13121916)	406822.03
3747750.04	0.15206	(13121916)		
406822.03	3747759.84	0.14637	(13121916)	406822.03
3747769.63	0.13433	(13121916)		
406822.03	3747779.43	0.11772	(13121916)	406822.03
3747789.22	0.09869	(13121916)		
406822.03	3747799.02	0.07929	(13121916)	406820.70
3747662.83	0.10001	(13112916)		
406824.36	3747653.98	0.09489	(13112916)	406828.03
3747645.14	0.08714	(13112916)		
406840.54	3747632.64	0.07302	(13112916)	406849.39
3747628.98	0.06663	(13112916)		
406858.23	3747625.33	0.05872	(13112916)	406817.03
3747671.67	0.10186	(13112916)		
406817.03	3747681.47	0.10484	(13112916)	406817.03
3747691.26	0.10472	(13112916)		
406817.03	3747701.06	0.10116	(13112916)	406817.03
3747710.85	0.10031	(13121916)		
406817.03	3747720.65	0.11830	(13121916)	406817.03
3747730.45	0.13253	(13121916)		
406817.03	3747740.24	0.14117	(13121916)	406817.03
3747750.04	0.14319	(13121916)		
406817.03	3747759.84	0.13848	(13121916)	406817.03
3747769.63	0.12790	(13121916)		
406817.03	3747779.43	0.11297	(13121916)	406817.03
3747789.22	0.09560	(13121916)		
406817.03	3747799.02	0.07762	(13121916)	406815.26
3747663.89	0.09616	(13112916)		
406818.48	3747656.11	0.09315	(13112916)	406821.71
3747648.32	0.08801	(13112916)		
406824.93	3747640.54	0.08115	(13112916)	406835.94
3747629.54	0.06936	(13112916)		
406843.73	3747626.32	0.06430	(13112916)	406851.52
3747623.11	0.05810	(13112916)		
406859.30	3747619.89	0.05199	(14121615)	406812.03
3747671.67	0.09672	(13112916)		
406812.03	3747681.47	0.09864	(13112916)	406812.03
3747691.26	0.09766	(13112916)		
406812.03	3747701.06	0.09354	(13112916)	406812.03
3747710.85	0.09459	(13121916)		
406812.03	3747720.65	0.11126	(13121916)	406812.03
3747730.45	0.12454	(13121916)		
406812.03	3747740.24	0.13279	(13121916)	406812.03
3747750.04	0.13506	(13121916)		
406812.03	3747759.84	0.13119	(13121916)	406812.03
3747769.63	0.12189	(13121916)		
406812.03	3747779.43	0.10847	(13121916)	406812.03
3747789.22	0.09260	(13121916)		

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

*** 15:58:07

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM IN		**	
		MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406812.03	3747799.02	0.07595	(13121916)	406810.55	
3747663.18	0.09185	(13112916)			
406814.07	3747654.69	0.08923	(13112916)	406817.59	
3747646.20	0.08422	(13112916)			
406821.11	3747637.71	0.07728	(13112916)	406833.12	
3747625.71	0.06504	(13112916)			
406841.61	3747622.20	0.05963	(13112916)	406858.60	
3747615.18	0.04805	(14121615)			
406807.03	3747671.67	0.09176	(13112916)	406807.03	
3747681.47	0.09276	(13112916)			
406807.03	3747691.26	0.09107	(13112916)	406807.03	
3747701.06	0.08654	(13112916)			
406807.03	3747710.85	0.08936	(13121916)	406807.03	
3747720.65	0.10484	(13121916)			
406807.03	3747730.45	0.11726	(13121916)	406807.03	
3747740.24	0.12514	(13121916)			
406807.03	3747750.04	0.12760	(13121916)	406807.03	
3747759.84	0.12445	(13121916)			
406807.03	3747769.63	0.11628	(13121916)	406807.03	
3747779.43	0.10420	(13121916)			
406807.03	3747789.22	0.08970	(13121916)	406807.03	
3747799.02	0.07428	(13121916)			
406805.21	3747664.01	0.08782	(13112916)	406808.38	
3747656.34	0.08657	(13112916)			
406811.56	3747648.68	0.08340	(13112916)	406814.74	
3747641.01	0.07854	(13112916)			
406817.91	3747633.35	0.07237	(13112916)	406828.76	
3747622.52	0.06187	(13112916)			
406836.43	3747619.35	0.05740	(13112916)	406844.09	
3747616.18	0.05203	(13112916)			
406851.76	3747613.01	0.04688	(14121615)	406859.43	
3747609.84	0.04469	(16120216)			
406802.03	3747671.67	0.08698	(13112916)	406802.03	
3747681.47	0.08720	(13112916)			
406802.03	3747691.26	0.08494	(13112916)	406802.03	
3747701.06	0.08012	(13112916)			
406802.03	3747710.85	0.08457	(13121916)	406802.03	
3747720.65	0.09897	(13121916)			
406802.03	3747730.45	0.11060	(13121916)	406802.03	
3747740.24	0.11813	(13121916)			
406802.03	3747750.04	0.12073	(13121916)	406802.03	
3747759.84	0.11821	(13121916)			
406802.03	3747769.63	0.11103	(13121916)	406802.03	
3747779.43	0.10015	(13121916)			
406802.03	3747789.22	0.08690	(13121916)	406802.03	
3747799.02	0.07260	(13121916)			
406800.45	3747663.42	0.08379	(13112916)	406803.87	
3747655.16	0.08295	(13112916)			
406807.29	3747646.91	0.08001	(13112916)	406810.72	
3747638.65	0.07522	(13112916)			
406814.14	3747630.40	0.06901	(13112916)	406825.82	
3747618.73	0.05823	(13112916)			
406834.07	3747615.32	0.05355	(13112916)	406842.33	

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*** AERMOD - VERSION 22112 ***      C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
***                                     ***      15:58:07

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406792.03	3747671.67	0.07801	(13112916)	406792.03	
3747681.47	0.07702	(13112916)			
406792.03	3747691.26	0.07393	(13112916)	406792.03	
3747701.06	0.06879	(13112916)			
406792.03	3747710.85	0.07613	(13121916)	406792.03	
3747720.65	0.08866	(13121916)			
406792.03	3747730.45	0.09890	(13121916)	406792.03	
3747740.24	0.10576	(13121916)			
406792.03	3747750.04	0.10855	(13121916)	406792.03	
3747759.84	0.10702	(13121916)			
406792.03	3747769.63	0.10148	(13121916)	406792.03	
3747779.43	0.09265	(13121916)			
406792.03	3747789.22	0.08156	(13121916)	406792.03	
3747799.02	0.06929	(13121916)			
406790.38	3747663.58	0.07608	(13112916)	406793.73	
3747655.50	0.07652	(13112916)			
406797.08	3747647.41	0.07513	(13112916)	406800.44	
3747639.33	0.07207	(13112916)			

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FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** *** 15:58:07
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3		IN	**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)				
406777.03	3747681.47	0.06390	(13112916)		406777.03	
3747691.26	0.06018	(13112916)				
406777.03	3747701.06	0.05503	(13112916)		406777.03	
3747710.85	0.06572	(13121916)				
406777.03	3747720.65	0.07603	(13121916)		406777.03	
3747730.45	0.08458	(13121916)				
406777.03	3747740.24	0.09057	(13121916)		406777.03	
3747750.04	0.09344	(13121916)				
406777.03	3747759.84	0.09294	(13121916)		406777.03	
3747769.63	0.08923	(13121916)				
406777.03	3747779.43	0.08275	(13121916)		406777.03	
3747789.22	0.07423	(13121916)				
406777.03	3747799.02	0.06445	(13121916)		406775.51	
3747663.27	0.06559	(13112916)				
406778.99	3747654.87	0.06722	(13112916)		406782.48	
3747646.47	0.06725	(13112916)				
406785.96	3747638.07	0.06572	(13112916)		406789.44	
3747629.66	0.06276	(13112916)				
406792.92	3747621.26	0.05861	(13112916)		406796.41	
3747612.86	0.05356	(13112916)				
406808.29	3747600.99	0.04493	(13112916)		406816.70	
3747597.51	0.04120	(13112916)				
406825.10	3747594.04	0.03691	(13112916)		406833.51	
3747590.57	0.03433	(14121615)				
406841.91	3747587.09	0.03191	(14121615)		406850.32	
3747583.62	0.03411	(16120216)				
406858.72	3747580.14	0.03658	(16120216)		406772.03	
3747671.67	0.06244	(13112916)				
406772.03	3747681.47	0.06005	(13112916)		406772.03	
3747691.26	0.05624	(13112916)				
406772.03	3747701.06	0.05232	(13121916)		406772.03	
3747710.85	0.06274	(13121916)				
406772.03	3747720.65	0.07243	(13121916)		406772.03	
3747730.45	0.08051	(13121916)				
406772.03	3747740.24	0.08623	(13121916)		406772.03	
3747750.04	0.08909	(13121916)				
406772.03	3747759.84	0.08885	(13121916)		406772.03	
3747769.63	0.08561	(13121916)				
406772.03	3747779.43	0.07977	(13121916)		406772.03	
3747789.22	0.07196	(13121916)				
406772.03	3747799.02	0.06289	(13121916)		406770.70	
3747662.83	0.06248	(13112916)				
406774.36	3747653.98	0.06439	(13112916)		406778.03	
3747645.14	0.06466	(13112916)				
406781.69	3747636.30	0.06330	(13112916)		406785.36	
3747627.45	0.06045	(13112916)				
406789.02	3747618.61	0.05636	(13112916)		406792.69	
3747609.77	0.05133	(13112916)				
406805.20	3747597.27	0.04264	(13112916)		406814.05	

3747593.61	0.03886	(13112916)	
406822.90	3747589.95	0.03451	(13112916)
3747586.30	0.03241	(14121615)	
406849.44	3747578.98	0.03292	(16120216)
3747575.33	0.03531	(16120216)	
406767.03	3747671.67	0.05902	(13112916)
3747681.47	0.05644	(13112916)	
406767.03	3747691.26	0.05257	(13112916)
3747701.06	0.05017	(13121916)	
406767.03	3747710.85	0.05997	(13121916)
3747720.65	0.06908	(13121916)	
406767.03	3747730.45	0.07672	(13121916)
3747740.24	0.08220	(13121916)	
406767.03	3747750.04	0.08504	(13121916)
3747759.84	0.08502	(13121916)	
406767.03	3747769.63	0.08220	(13121916)
3747779.43	0.07694	(13121916)	
406767.03	3747789.22	0.06977	(13121916)
3747799.02	0.06135	(13121916)	
406867.04	3747804.02	0.12837	(15021709)
3747804.01	0.13764	(15021709)	
406886.61	3747804.00	0.15055	(14021809)
3747803.99	0.17782	(14120316)	
406906.18	3747803.98	0.23080	(14120316)
3747803.97	0.27967	(14120316)	
406925.75	3747803.96	0.31714	(14120316)
3747803.94	0.33784	(14120316)	
406945.32	3747803.93	0.33919	(14120316)
3747803.92	0.32224	(14120316)	
406964.90	3747803.91	0.29077	(14120316)
3747803.90	0.25015	(14120316)	

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 15:58:07

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC (YYMMDDHH)		X-COORD (M)		Y-COORD	
(M)	CONC	(M)	CONC	(YYMMDDHH)		(M)	CONC	(YYMMDDHH)	
406984.47	3747803.89	0.20586	(14120316)			406994.26			
3747803.88	0.16267	(14120316)							
406867.04	3747809.02	0.11999	(15021709)			406876.83			
3747809.01	0.12667	(15021709)							
406886.61	3747809.00	0.14173	(14021809)			406896.40			
3747808.99	0.16110	(14120316)							
406906.19	3747808.98	0.20836	(14120316)			406915.97			
3747808.97	0.25231	(14120316)							
406925.76	3747808.96	0.28682	(14120316)			406935.54			
3747808.94	0.30703	(14120316)							
406945.33	3747808.93	0.31050	(14120316)			406955.12			
3747808.92	0.29773	(14120316)							
406964.90	3747808.91	0.27168	(14120316)			406974.69			
3747808.90	0.23666	(14120316)							

406984.47	3747808.89	0.19753	(14120316)	406994.26
3747808.88	0.15845	(14120316)		
406861.74	3747811.83	0.11151	(15021709)	406854.23
3747804.33	0.11364	(15021709)		
406867.05	3747814.02	0.11167	(15021709)	406876.83
3747814.01	0.11779	(14021809)		
406886.62	3747814.00	0.13343	(14021809)	406896.40
3747813.99	0.14654	(14120316)		
406906.19	3747813.98	0.18889	(14120316)	406915.98
3747813.97	0.22864	(14120316)		
406925.76	3747813.96	0.26041	(14120316)	406935.55
3747813.94	0.28003	(14120316)		
406945.34	3747813.93	0.28507	(14120316)	406955.12
3747813.92	0.27571	(14120316)		
406964.91	3747813.91	0.25415	(14120316)	406974.69
3747813.90	0.22405	(14120316)		
406984.48	3747813.89	0.18942	(14120316)	406994.27
3747813.88	0.15408	(14120316)		
406859.97	3747816.09	0.10431	(15021709)	406849.96
3747806.09	0.10704	(15021709)		
406867.05	3747819.02	0.10351	(15021709)	406876.84
3747819.01	0.11226	(14021809)		
406886.62	3747819.00	0.12561	(14021809)	406896.41
3747818.99	0.13575	(14021809)		
406906.20	3747818.98	0.17198	(14120316)	406915.98
3747818.97	0.20799	(14120316)		
406925.77	3747818.96	0.23734	(14120316)	406935.56
3747818.94	0.25624	(14120316)		
406945.34	3747818.93	0.26244	(14120316)	406955.13
3747818.92	0.25583	(14120316)		
406964.91	3747818.91	0.23810	(14120316)	406974.70
3747818.90	0.21218	(14120316)		
406984.49	3747818.89	0.18157	(14120316)	406994.27
3747818.88	0.14969	(14120316)		
406858.21	3747820.36	0.09762	(15021709)	406845.70
3747807.86	0.10090	(15021709)		
406867.06	3747824.02	0.09560	(15021709)	406876.84
3747824.01	0.10690	(14021809)		
406886.63	3747824.00	0.11828	(14021809)	406896.42
3747823.99	0.12647	(14021809)		
406906.20	3747823.98	0.15717	(14120316)	406915.99
3747823.97	0.18994	(14120316)		
406925.77	3747823.96	0.21704	(14120316)	406935.56
3747823.94	0.23519	(14120316)		
406945.35	3747823.93	0.24223	(14120316)	406955.13
3747823.92	0.23786	(14120316)		
406964.92	3747823.91	0.22333	(14120316)	406974.71
3747823.90	0.20104	(14120316)		
406984.49	3747823.89	0.17404	(14120316)	406994.28
3747823.88	0.14523	(14120316)		
406859.98	3747826.09	0.09078	(15021709)	406852.91
3747823.17	0.09155	(15021709)		
406842.90	3747813.17	0.09406	(15021709)	406839.96
3747806.09	0.09579	(15021709)		
406867.06	3747829.02	0.09017	(14021809)	406876.85
3747829.01	0.10177	(14021809)		
406886.64	3747829.00	0.11141	(14021809)	406896.42
3747828.99	0.11794	(14021809)		
406906.21	3747828.98	0.14417	(14120316)	406915.99
3747828.97	0.17404	(14120316)		
406925.78	3747828.96	0.19915	(14120316)	406935.57
3747828.94	0.21650	(14120316)		
406945.35	3747828.93	0.22411	(14120316)	406955.14
3747828.92	0.22156	(14120316)		
406964.92	3747828.91	0.20975	(14120316)	406974.71
3747828.90	0.19063	(14120316)		

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM IN				**	
		MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD		
(M)	CONC	(YYMMDDHH)					
406984.50	3747828.89	0.16676	(14120316)	406994.28			
3747828.88	0.14080	(14120316)					
406858.81	3747830.61	0.08463	(15021709)	406850.55			
3747827.19	0.08603	(15021709)					
406838.87	3747815.53	0.08884	(15021709)	406835.45			
3747807.27	0.09022	(15021709)					
406867.07	3747834.02	0.08670	(14021809)	406876.85			
3747834.01	0.09682	(14021809)					
406886.64	3747834.00	0.10495	(14021809)	406896.43			
3747833.99	0.11009	(14021809)					
406906.21	3747833.98	0.13266	(14120316)	406916.00			
3747833.97	0.16001	(14120316)					
406925.79	3747833.96	0.18328	(14120316)	406935.57			
3747833.94	0.19982	(14120316)					
406945.36	3747833.93	0.20783	(14120316)	406955.14			
3747833.92	0.20675	(14120316)					
406964.93	3747833.91	0.19722	(14120316)	406974.72			
3747833.90	0.18083	(14120316)					
406984.50	3747833.89	0.15980	(14120316)	406994.29			
3747833.88	0.13637	(14120316)					
406860.00	3747836.09	0.07792	(15021709)	406852.92			
3747833.17	0.08028	(15021709)					
406845.84	3747830.24	0.08101	(15021709)	406835.83			
3747820.24	0.08331	(15021709)					
406832.90	3747813.17	0.08490	(15021709)	406829.96			
3747806.09	0.08471	(15021709)					
406867.07	3747839.02	0.08328	(14021809)	406876.86			
3747839.01	0.09210	(14021809)					
406886.65	3747839.00	0.09890	(14021809)	406896.43			
3747838.99	0.10286	(14021809)					
406906.22	3747838.98	0.12248	(14120316)	406916.00			
3747838.97	0.14753	(14120316)					
406925.79	3747838.96	0.16914	(14120316)	406935.58			
3747838.94	0.18491	(14120316)					
406945.36	3747838.93	0.19314	(14120316)	406955.15			
3747838.92	0.19325	(14120316)					
406964.94	3747838.91	0.18565	(14120316)	406974.72			
3747838.90	0.17166	(14120316)					
406984.51	3747838.89	0.15310	(14120316)	406994.29			
3747838.88	0.13201	(14120316)					
406859.12	3747840.73	0.07439	(14021809)	406851.15			
3747837.44	0.07529	(15021709)					
406843.19	3747834.15	0.07639	(15021709)	406831.93			
3747822.90	0.07888	(15021709)					
406828.63	3747814.94	0.08026	(15021709)	406825.33			

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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
***
***
***      15:58:07

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S) : VOL1

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

```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406859.30	3747850.80	0.06959	(14021809)	406851.52	
3747847.58	0.06495	(15021709)			
406843.73	3747844.37	0.06738	(15021709)	406835.95	
3747841.15	0.06830	(15021709)			
406824.93	3747830.15	0.07052	(15021709)	406821.71	
3747822.37	0.07184	(15021709)			
406818.48	3747814.58	0.07150	(15021709)	406815.26	
3747806.80	0.06945	(15021709)			
406867.09	3747854.02	0.07349	(14021809)	406876.88	
3747854.01	0.07916	(14021809)			

406886.66	3747854.00	0.08293	(14021809)	406896.45
3747853.99	0.08432	(14021809)		
406906.24	3747853.98	0.09794	(14120316)	406916.02
3747853.97	0.11755	(14120316)		
406925.81	3747853.96	0.13499	(14120316)	406935.59
3747853.94	0.14852	(14120316)		
406945.38	3747853.93	0.15685	(14120316)	406955.17
3747853.92	0.15930	(14120316)		
406964.95	3747853.91	0.15591	(14120316)	406974.74
3747853.90	0.14733	(14120316)		
406984.52	3747853.89	0.13468	(14120316)	406994.31
3747853.88	0.11931	(14120316)		
406858.60	3747855.51	0.06679	(14021809)	406850.11
3747852.00	0.06157	(14021809)		
406841.61	3747848.49	0.06354	(15021709)	406833.12
3747844.98	0.06470	(15021709)		
406821.11	3747832.98	0.06703	(15021709)	406817.59
3747824.49	0.06819	(15021709)		
406814.07	3747816.00	0.06754	(15021709)	406810.55
3747807.51	0.06501	(15021709)		
406867.10	3747859.02	0.07041	(14021809)	406876.88
3747859.01	0.07525	(14021809)		
406886.67	3747859.00	0.07827	(14021809)	406896.45
3747858.99	0.07906	(14021809)		
406906.24	3747858.98	0.09133	(14120316)	406916.03
3747858.97	0.10950	(14120316)		
406925.81	3747858.96	0.12576	(14120316)	406935.60
3747858.94	0.13863	(14120316)		
406945.39	3747858.93	0.14685	(14120316)	406955.17
3747858.92	0.14979	(14120316)		
406964.96	3747858.91	0.14739	(14120316)	406974.74
3747858.90	0.14017	(14120316)		
406984.53	3747858.89	0.12906	(14120316)	406994.32
3747858.88	0.11525	(14120316)		
406859.43	3747860.85	0.06480	(14021809)	406851.77
3747857.68	0.06088	(14021809)		
406844.10	3747854.51	0.05861	(15021709)	406836.43
3747851.34	0.06064	(15021709)		
406828.76	3747848.18	0.06143	(15021709)	406817.92
3747837.34	0.06344	(15021709)		
406814.74	3747829.68	0.06467	(15021709)	406811.56
3747822.01	0.06456	(15021709)		
406808.38	3747814.35	0.06304	(15021709)	406805.21
3747806.68	0.06212	(13121916)		
406867.10	3747864.02	0.06744	(14021809)	406876.89
3747864.01	0.07154	(14021809)		
406886.67	3747864.00	0.07390	(14021809)	406896.46
3747863.99	0.07419	(14021809)		
406906.25	3747863.98	0.08536	(14120316)	406916.03
3747863.97	0.10220	(14120316)		
406925.82	3747863.96	0.11742	(14120316)	406935.60
3747863.94	0.12962	(14120316)		
406945.39	3747863.93	0.13770	(14120316)	406955.18
3747863.92	0.14102	(14120316)		
406964.96	3747863.91	0.13946	(14120316)	406974.75
3747863.90	0.13342	(14120316)		
406984.54	3747863.89	0.12369	(14120316)	406994.32
3747863.88	0.11131	(14120316)		
406858.85	3747865.61	0.06221	(14021809)	406850.59
3747862.19	0.05844	(14021809)		
406842.33	3747858.78	0.05513	(15021709)	406834.08
3747855.37	0.05740	(15021709)		
406825.82	3747851.96	0.05836	(15021709)	406814.14
3747840.29	0.06044	(15021709)		
406810.72	3747832.04	0.06156	(15021709)	406807.29
3747823.78	0.06124	(15021709)		

406803.87	3747815.53	0.05942	(15021709)	406800.45
3747807.27	0.06040	(13121916)		
406867.11	3747869.02	0.06457	(14021809)	406876.89
3747869.01	0.06802	(14021809)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406886.68	3747869.00	0.06981	(14021809)	406896.47	
3747868.99	0.06967	(14021809)			
406906.25	3747868.98	0.07992	(14120316)	406916.04	
3747868.97	0.09558	(14120316)			
406925.82	3747868.96	0.10982	(14120316)	406935.61	
3747868.94	0.12142	(14120316)			
406945.40	3747868.93	0.12932	(14120316)	406955.18	
3747868.92	0.13293	(14120316)			
406964.97	3747868.91	0.13208	(14120316)	406974.75	
3747868.90	0.12708	(14120316)			
406984.54	3747868.89	0.11857	(14120316)	406994.33	
3747868.88	0.10747	(14120316)			
406858.26	3747870.36	0.05974	(14021809)	406849.42	
3747866.71	0.05613	(14021809)			
406840.57	3747863.05	0.05189	(15021709)	406831.72	
3747859.39	0.05439	(15021709)			
406822.87	3747855.74	0.05550	(15021709)	406810.36	
3747843.24	0.05764	(15021709)			
406806.69	3747834.39	0.05866	(15021709)	406803.03	
3747825.55	0.05814	(15021709)			
406799.36	3747816.71	0.05602	(15021709)	406795.70	
3747807.86	0.05875	(13121916)			
406867.11	3747874.02	0.06181	(14021809)	406876.90	
3747874.01	0.06468	(14021809)			
406886.68	3747874.00	0.06598	(14021809)	406896.47	
3747873.99	0.06549	(14021809)			
406906.26	3747873.98	0.07499	(14120316)	406916.04	
3747873.97	0.08955	(14120316)			
406925.83	3747873.96	0.10291	(14120316)	406935.62	
3747873.94	0.11392	(14120316)			
406945.40	3747873.93	0.12162	(14120316)	406955.19	
3747873.92	0.12545	(14120316)			
406964.97	3747873.91	0.12520	(14120316)	406974.76	
3747873.90	0.12109	(14120316)			
406984.55	3747873.89	0.11368	(14120316)	406994.33	
3747873.88	0.10375	(14120316)			
406859.03	3747875.68	0.05774	(14021809)	406850.94	
3747872.33	0.05508	(14021809)			
406842.85	3747868.99	0.05135	(14021809)	406834.76	
3747865.65	0.05021	(15021709)			
406826.67	3747862.31	0.05209	(15021709)	406818.58	

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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***      06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     ***      15:58:07
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
	CONC	(YYMMDDHH)			
406935.63	3747883.94	0.10073	(14120316)	406945.41	
3747883.93	0.10800	(14120316)			
406955.20	3747883.92	0.11210	(14120316)	406964.99	
3747883.91	0.11278	(14120316)			
406974.77	3747883.90	0.11015	(14120316)	406984.56	
3747883.89	0.10457	(14120316)			

406994.34	3747883.88	0.09664	(14120316)	406859.17
3747885.73	0.05346	(14021809)		
406851.20	3747882.44	0.05166	(14021809)	406843.24
3747879.15	0.04889	(14021809)		
406835.28	3747875.86	0.04531	(14021809)	406827.31
3747872.57	0.04588	(15021709)		
406819.35	3747869.28	0.04748	(15021709)	406811.39
3747865.99	0.04818	(15021709)		
406800.13	3747854.74	0.04988	(15021709)	406796.83
3747846.78	0.05088	(15021709)		
406793.53	3747838.82	0.05091	(15021709)	406790.23
3747830.86	0.04992	(15021709)		
406786.93	3747822.90	0.04792	(15021709)	406783.63
3747814.94	0.04867	(13121916)		
406780.33	3747806.98	0.05683	(13121916)	406867.13
3747889.02	0.05417	(14021809)		
406876.92	3747889.01	0.05568	(14021809)	406886.70
3747889.00	0.05588	(14021809)		
406896.49	3747888.99	0.05466	(14021809)	406906.27
3747888.98	0.06255	(14120316)		
406916.06	3747888.97	0.07442	(14120316)	406925.85
3747888.96	0.08549	(14120316)		
406935.63	3747888.94	0.09492	(14120316)	406945.42
3747888.93	0.10197	(14120316)		
406955.20	3747888.92	0.10614	(14120316)	406964.99
3747888.91	0.10718	(14120316)		
406974.78	3747888.90	0.10514	(14120316)	406984.56
3747888.89	0.10034	(14120316)		
406994.35	3747888.88	0.09326	(14120316)	406858.73
3747890.55	0.05134	(14021809)		
406850.32	3747887.07	0.04972	(14021809)	406833.51
3747880.13	0.04355	(14021809)		
406825.11	3747876.65	0.04355	(15021709)	406816.70
3747873.18	0.04525	(15021709)		
406808.30	3747869.71	0.04604	(15021709)	406796.41
3747857.83	0.04776	(15021709)		
406792.93	3747849.43	0.04870	(15021709)	406789.44
3747841.03	0.04863	(15021709)		
406785.96	3747832.63	0.04750	(15021709)	406782.48
3747824.22	0.04534	(15021709)		
406779.00	3747815.82	0.04726	(13121916)	406775.51
3747807.42	0.05539	(13121916)		
406867.13	3747894.02	0.05183	(14021809)	406876.92
3747894.01	0.05300	(14021809)		
406886.71	3747894.00	0.05293	(14021809)	406896.49
3747893.99	0.05174	(13121116)		
406906.28	3747893.98	0.05906	(14120316)	406916.07
3747893.97	0.07018	(14120316)		
406925.85	3747893.96	0.08060	(14120316)	406935.64
3747893.94	0.08957	(14120316)		
406945.42	3747893.93	0.09639	(14120316)	406955.21
3747893.92	0.10060	(14120316)		
406965.00	3747893.91	0.10194	(14120316)	406974.78
3747893.90	0.10042	(14120316)		
406984.57	3747893.89	0.09629	(14120316)	406994.35
3747893.88	0.09000	(14120316)		
406858.29	3747895.36	0.04933	(14021809)	406849.44
3747891.71	0.04787	(14021809)		
406840.60	3747888.05	0.04534	(14021809)	406831.75
3747884.39	0.04190	(14021809)		
406822.90	3747880.74	0.04137	(15021709)	406814.05
3747877.08	0.04317	(15021709)		
406805.21	3747873.43	0.04403	(15021709)	406792.69
3747860.93	0.04577	(15021709)		
406789.03	3747852.08	0.04666	(15021709)	406785.36
3747843.24	0.04649	(15021709)		

406781.69	3747834.39	0.04523	(15021709)	406778.03
3747825.55	0.04292	(15021709)		
406774.36	3747816.71	0.04591	(13121916)	406770.70
3747807.86	0.05399	(13121916)		
406867.14	3747899.02	0.04960	(14021809)	406876.93
3747899.01	0.05046	(14021809)		
406886.71	3747899.00	0.05016	(14021809)	406896.50
3747898.99	0.04912	(13121116)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406906.28	3747898.98	0.05584	(14120316)	406916.07	
3747898.97	0.06627	(14120316)			
406925.86	3747898.96	0.07610	(14120316)	406935.64	
3747898.94	0.08462	(14120316)			
406945.43	3747898.93	0.09122	(14120316)	406955.22	
3747898.92	0.09544	(14120316)			
406965.00	3747898.91	0.09702	(14120316)	406974.79	
3747898.90	0.09596	(14120316)			
406984.57	3747898.89	0.09245	(14120316)	406994.36	
3747898.88	0.08685	(14120316)			
406867.03	3747799.02	0.13666	(15021709)	406994.25	
3747798.88	0.16678	(14120316)			
406994.38	3747671.80	0.14128	(15122816)	406867.03	
3747671.67	0.15491	(13112916)			

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 15:58:07

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*** MODELOPTs: NonDFAULT CONC FLAT 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 0.01202 AT (406935.54, 3747803.94, 29.00,

29.00, 0.00) DC
2ND HIGHEST VALUE IS 0.01200 AT (406945.32, 3747803.93, 29.00,
29.00, 0.00) DC
3RD HIGHEST VALUE IS 0.01155 AT (406925.75, 3747803.96, 29.00,
29.00, 0.00) DC
4TH HIGHEST VALUE IS 0.01152 AT (406955.11, 3747803.92, 29.00,
29.00, 0.00) DC
5TH HIGHEST VALUE IS 0.01075 AT (406999.30, 3747750.01, 29.00,
29.00, 0.00) DC
6TH HIGHEST VALUE IS 0.01069 AT (406964.90, 3747803.91, 29.00,
29.00, 0.00) DC
7TH HIGHEST VALUE IS 0.01061 AT (406915.97, 3747803.97, 29.00,
29.00, 0.00) DC
8TH HIGHEST VALUE IS 0.01060 AT (406945.33, 3747808.93, 29.00,
29.00, 0.00) DC
9TH HIGHEST VALUE IS 0.01055 AT (406999.31, 3747740.23, 29.00,
29.00, 0.00) DC
10TH HIGHEST VALUE IS 0.01055 AT (406935.54, 3747808.94, 29.00,
29.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

DATE NETWORK
GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

ALL HIGH 1ST HIGH VALUE IS 0.33919 ON 14120316: AT (406945.32, 3747803.93,
29.00, 29.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT 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 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 1790 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1790 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/27/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons 5ac\14635 Cons
5ac.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
  MODELOPT CONC FLAT
  AVERTIME 1 PERIOD
  URBANOPT 3010232 Orange_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "14635 Cons 5ac.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION VOL1      VOLUME      406930.700   3747735.370           0.0
** Source Parameters **
  SRCPARAM VOL1      0.0006154511    5.000    33.081    1.400
  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
  SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**

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**
RE STARTING
** BEGIN OF FENCELINE GRID RECEPTORS
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 100.00
** Tier 1: Tier Spacing = 5.00
** -----
DISCCART      407006.74    3747806.43
DISCCART      407006.75    3747796.96
DISCCART      407006.76    3747787.48
DISCCART      407006.77    3747778.01
DISCCART      407006.77    3747768.53
DISCCART      407006.78    3747759.05
DISCCART      407006.79    3747749.58
DISCCART      407006.80    3747740.10
DISCCART      407006.81    3747730.63
DISCCART      407006.82    3747721.15
DISCCART      407006.83    3747711.67
DISCCART      407006.84    3747702.20
DISCCART      407006.84    3747692.72
DISCCART      407006.85    3747683.25
DISCCART      407006.86    3747673.77
DISCCART      407006.87    3747664.29
DISCCART      407011.74    3747806.44
DISCCART      407011.75    3747796.96
DISCCART      407011.76    3747787.49
DISCCART      407011.77    3747778.01
DISCCART      407011.77    3747768.54
DISCCART      407011.78    3747759.06
DISCCART      407011.79    3747749.58
DISCCART      407011.80    3747740.11
DISCCART      407011.81    3747730.63
DISCCART      407011.82    3747721.16
DISCCART      407011.83    3747711.68
DISCCART      407011.84    3747702.20
DISCCART      407011.84    3747692.73
DISCCART      407011.85    3747683.25
DISCCART      407011.86    3747673.78
DISCCART      407011.87    3747664.30
DISCCART      407014.54    3747811.74
DISCCART      407007.05    3747819.23
DISCCART      407016.74    3747806.44
DISCCART      407016.75    3747796.97
DISCCART      407016.76    3747787.49
DISCCART      407016.77    3747778.02
DISCCART      407016.77    3747768.54
DISCCART      407016.78    3747759.06
DISCCART      407016.79    3747749.59
DISCCART      407016.80    3747740.11
DISCCART      407016.81    3747730.64
DISCCART      407016.82    3747721.16
DISCCART      407016.83    3747711.68
DISCCART      407016.84    3747702.21
DISCCART      407016.84    3747692.73
DISCCART      407016.85    3747683.26
DISCCART      407016.86    3747673.78
DISCCART      407016.87    3747664.30
DISCCART      407018.81    3747813.51
DISCCART      407008.82    3747823.50
DISCCART      407021.74    3747806.45
DISCCART      407021.75    3747796.97
DISCCART      407021.76    3747787.50
DISCCART      407021.77    3747778.02
DISCCART      407021.77    3747768.54

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DISCCART	407021.78	3747759.07
DISCCART	407021.79	3747749.59
DISCCART	407021.80	3747740.12
DISCCART	407021.81	3747730.64
DISCCART	407021.82	3747721.16
DISCCART	407021.83	3747711.69
DISCCART	407021.84	3747702.21
DISCCART	407021.84	3747692.74
DISCCART	407021.85	3747683.26
DISCCART	407021.86	3747673.78
DISCCART	407021.87	3747664.31
DISCCART	407024.30	3747812.34
DISCCART	407021.86	3747818.22
DISCCART	407013.53	3747826.55
DISCCART	407007.65	3747828.99
DISCCART	407026.74	3747806.45
DISCCART	407026.75	3747796.98
DISCCART	407026.76	3747787.50
DISCCART	407026.77	3747778.02
DISCCART	407026.77	3747768.55
DISCCART	407026.78	3747759.07
DISCCART	407026.79	3747749.60
DISCCART	407026.80	3747740.12
DISCCART	407026.81	3747730.64
DISCCART	407026.82	3747721.17
DISCCART	407026.83	3747711.69
DISCCART	407026.84	3747702.22
DISCCART	407026.84	3747692.74
DISCCART	407026.85	3747683.26
DISCCART	407026.86	3747673.79
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DISCCART	407015.89	3747830.57
DISCCART	407008.83	3747833.50
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DISCCART	407031.76	3747787.51
DISCCART	407031.77	3747778.03
DISCCART	407031.77	3747768.55
DISCCART	407031.78	3747759.08
DISCCART	407031.79	3747749.60
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DISCCART	407031.84	3747702.22
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DISCCART	407036.83	3747711.70

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DISCCART	407036.87	3747664.32
DISCCART	407038.81	3747813.53
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DISCCART	407046.84	3747702.24
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DISCCART	407076.77	3747778.07
DISCCART	407076.77	3747768.59
DISCCART	407076.78	3747759.12
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DISCCART	407076.84	3747692.79

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DISCCART	407081.78	3747759.12
DISCCART	407081.79	3747749.65
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DISCCART	407081.86	3747673.84
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DISCCART	407076.07	3747832.23
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DISCCART	407086.76	3747787.56
DISCCART	407086.77	3747778.08
DISCCART	407086.77	3747768.60
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DISCCART	407086.79	3747749.65
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DISCCART	407088.45	3747814.46
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DISCCART	407078.56	3747838.29
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DISCCART	407068.68	3747862.12
DISCCART	407057.44	3747873.36

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DISCCART	407041.55	3747879.95
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DISCCART	407091.84	3747702.28
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DISCCART	407091.87	3747664.37
DISCCART	407093.26	3747814.90
DISCCART	407089.78	3747823.29
DISCCART	407086.31	3747831.67
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DISCCART	407072.40	3747865.22
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DISCCART	407035.38	3747887.52
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DISCCART	407010.22	3747897.95
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DISCCART	407096.77	3747768.61
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DISCCART	407096.84	3747702.28
DISCCART	407096.84	3747692.80
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DISCCART	407096.86	3747673.85
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DISCCART	407098.49	3747814.37
DISCCART	407095.23	3747822.21
DISCCART	407091.98	3747830.06
DISCCART	407088.72	3747837.91
DISCCART	407085.47	3747845.75
DISCCART	407082.22	3747853.60
DISCCART	407078.96	3747861.45
DISCCART	407075.71	3747869.29
DISCCART	407064.61	3747880.39
DISCCART	407056.76	3747883.65
DISCCART	407048.91	3747886.90
DISCCART	407041.07	3747890.16
DISCCART	407033.22	3747893.41
DISCCART	407025.38	3747896.67

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DISCCART	407009.68	3747903.18
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DISCCART	407101.77	3747768.62
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DISCCART	407101.81	3747730.71
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DISCCART	407101.84	3747702.29
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DISCCART	407101.85	3747683.33
DISCCART	407101.86	3747673.86
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DISCCART	406963.81	3747816.47
DISCCART	406973.29	3747816.46
DISCCART	406982.78	3747816.45

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DISCCART	406859.46	3747821.57
DISCCART	406868.95	3747821.56
DISCCART	406878.44	3747821.55
DISCCART	406887.92	3747821.54
DISCCART	406897.41	3747821.53
DISCCART	406906.89	3747821.52
DISCCART	406916.38	3747821.51
DISCCART	406925.87	3747821.50
DISCCART	406935.35	3747821.50
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DISCCART	406963.81	3747821.47
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DISCCART	406992.27	3747821.44
DISCCART	407001.75	3747821.43
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DISCCART	406868.96	3747826.56
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DISCCART	406887.93	3747826.54
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DISCCART	406944.92	3747906.49
DISCCART	406954.41	3747906.48
DISCCART	406963.89	3747906.47
DISCCART	406973.38	3747906.46
DISCCART	406982.87	3747906.45
DISCCART	406992.35	3747906.44
DISCCART	407001.84	3747906.43

** END OF FENCELINE GRID RECEPTORS
 ** Discrete Cartesian Plant Boundary - Primary Receptors
 ** Plant Boundary Name PLBN1
 ** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
 DISCCART 406859.45 3747806.57
 DISCCART 407001.74 3747806.43
 DISCCART 407001.87 3747664.29
 DISCCART 406859.59 3747664.15
 RE FINISHED
 **

 ** AERMOD Meteorology Pathway

 **
 **
 ME STARTING
 SURFFILE KFUL_V9_ADJU\KFUL_v9.SFC
 PROFFILE KFUL_V9_ADJU\KFUL_v9.PFL
 SURFDATA 3166 2012
 UAIRDATA 3190 2012
 PROFBASE 29.0 METERS
 ME FINISHED

**

** AERMOD Output Pathway

**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST "14635 CONS 5AC.AD\01H1GALL.PLT" 31
PLOTFILE PERIOD ALL "14635 CONS 5AC.AD\PE00GALL.PLT" 32
SUMMFILE "14635 Cons 5ac.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 1978 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1978 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

FF *** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 16:20:29

PAGE 1

*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Allows User-Specified 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 Assumes Receptors on FLAT Terrain.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET

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

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

**This Run Includes: 1 Source(s); 1 Source Group(s); and 1887 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 1 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) = 29.00 ; Decay Coef. =
0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

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

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14635 Cons

5ac.err

**File for Summary of Results: 14635 Cons

5ac.sum

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

```

SOURCE      PART.  (GRAMS/SEC)      X      Y      ELEV.  HEIGHT      SY      SZ
SOURCE  SCALAR VARY
ID      CATS.      (METERS)  (METERS)  (METERS)  (METERS)  (METERS)
(METERS)      BY
-----
VOL1      0      0.61545E-03  406930.7  3747735.4      29.0      5.00      33.08      1.40
YES      HRDOW
*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** AERMET - VERSION 16216 ***
***
***
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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID      SOURCE IDs
-----
ALL      VOL1      ,
*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***      06/27/23
*** AERMET - VERSION 16216 ***
***
***
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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ_U*

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

URBAN ID      URBAN POP      SOURCE IDs
-----
3010232.      VOL1      ,
*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** AERMET - VERSION 16216 ***
***
***
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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  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

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

```

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3747778.0, 29.0, 29.0, 0.0);

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3747721.2,	29.0,	29.0,	0.0);	
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3747683.3,	29.0,	29.0,	0.0);	
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3747853.5,	29.0,	29.0,	0.0);	

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GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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3747759.1,	29.0,	29.0,	0.0);	
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(407047.1, 3747829.8,	29.0,	29.0,	0.0);	(407043.8,
3747837.5,	29.0,	29.0,	0.0);	
(407032.9, 3747848.5,	29.0,	29.0,	0.0);	(407025.1,
3747851.8,	29.0,	29.0,	0.0);	
(407017.3, 3747855.0,	29.0,	29.0,	0.0);	(407009.6,
3747858.2,	29.0,	29.0,	0.0);	
(407056.7, 3747806.5,	29.0,	29.0,	0.0);	(407056.8,
3747797.0,	29.0,	29.0,	0.0);	
(407056.8, 3747787.5,	29.0,	29.0,	0.0);	(407056.8,
3747778.0,	29.0,	29.0,	0.0);	
(407056.8, 3747768.6,	29.0,	29.0,	0.0);	(407056.8,
3747759.1,	29.0,	29.0,	0.0);	
(407056.8, 3747749.6,	29.0,	29.0,	0.0);	(407056.8,
3747740.1,	29.0,	29.0,	0.0);	
(407056.8, 3747730.7,	29.0,	29.0,	0.0);	(407056.8,
3747721.2,	29.0,	29.0,	0.0);	
(407056.8, 3747711.7,	29.0,	29.0,	0.0);	(407056.8,
3747702.2,	29.0,	29.0,	0.0);	

(407056.8, 3747692.8,	29.0,	29.0,	0.0);	(407056.8,
3747683.3,	29.0,	29.0,	0.0);	
(407056.9, 3747673.8,	29.0,	29.0,	0.0);	(407056.9,
3747664.3,	29.0,	29.0,	0.0);	
(407058.2, 3747815.0,	29.0,	29.0,	0.0);	(407054.7,
3747823.4,	29.0,	29.0,	0.0);	
(407051.2, 3747831.9,	29.0,	29.0,	0.0);	(407047.7,
3747840.4,	29.0,	29.0,	0.0);	
(407035.7, 3747852.4,	29.0,	29.0,	0.0);	(407027.2,
3747855.9,	29.0,	29.0,	0.0);	
(407018.8, 3747859.4,	29.0,	29.0,	0.0);	(407010.3,
3747862.9,	29.0,	29.0,	0.0);	
(407061.7, 3747806.5,	29.0,	29.0,	0.0);	(407061.8,
3747797.0,	29.0,	29.0,	0.0);	
(407061.8, 3747787.5,	29.0,	29.0,	0.0);	(407061.8,
3747778.1,	29.0,	29.0,	0.0);	
(407061.8, 3747768.6,	29.0,	29.0,	0.0);	(407061.8,
3747759.1,	29.0,	29.0,	0.0);	
(407061.8, 3747749.6,	29.0,	29.0,	0.0);	(407061.8,
3747740.1,	29.0,	29.0,	0.0);	
(407061.8, 3747730.7,	29.0,	29.0,	0.0);	(407061.8,
3747721.2,	29.0,	29.0,	0.0);	
(407061.8, 3747711.7,	29.0,	29.0,	0.0);	(407061.8,
3747702.2,	29.0,	29.0,	0.0);	
(407061.8, 3747692.8,	29.0,	29.0,	0.0);	(407061.8,
3747683.3,	29.0,	29.0,	0.0);	
(407061.9, 3747673.8,	29.0,	29.0,	0.0);	(407061.9,
3747664.3,	29.0,	29.0,	0.0);	
(407063.6, 3747814.1,	29.0,	29.0,	0.0);	(407060.4,
3747821.8,	29.0,	29.0,	0.0);	
(407057.2, 3747829.4,	29.0,	29.0,	0.0);	(407054.0,
3747837.1,	29.0,	29.0,	0.0);	
(407050.9, 3747844.7,	29.0,	29.0,	0.0);	(407040.0,
3747855.6,	29.0,	29.0,	0.0);	
(407032.4, 3747858.7,	29.0,	29.0,	0.0);	(407024.8,
3747861.9,	29.0,	29.0,	0.0);	
(407017.1, 3747865.1,	29.0,	29.0,	0.0);	(407009.5,
3747868.3,	29.0,	29.0,	0.0);	
(407066.7, 3747806.5,	29.0,	29.0,	0.0);	(407066.8,
3747797.0,	29.0,	29.0,	0.0);	
(407066.8, 3747787.5,	29.0,	29.0,	0.0);	(407066.8,
3747778.1,	29.0,	29.0,	0.0);	
(407066.8, 3747768.6,	29.0,	29.0,	0.0);	(407066.8,
3747759.1,	29.0,	29.0,	0.0);	
(407066.8, 3747749.6,	29.0,	29.0,	0.0);	(407066.8,
3747740.2,	29.0,	29.0,	0.0);	
(407066.8, 3747730.7,	29.0,	29.0,	0.0);	(407066.8,
3747721.2,	29.0,	29.0,	0.0);	
(407066.8, 3747711.7,	29.0,	29.0,	0.0);	(407066.8,
3747702.2,	29.0,	29.0,	0.0);	
(407066.8, 3747692.8,	29.0,	29.0,	0.0);	(407066.8,
3747683.3,	29.0,	29.0,	0.0);	
(407066.9, 3747673.8,	29.0,	29.0,	0.0);	(407066.9,
3747664.3,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407068.3, 3747814.7,	29.0,	29.0,	0.0);	(407064.9,
3747823.0,	29.0,	29.0,	0.0);	
(407061.5, 3747831.2,	29.0,	29.0,	0.0);	(407058.1,
3747839.4,	29.0,	29.0,	0.0);	
(407054.7, 3747847.7,	29.0,	29.0,	0.0);	(407043.0,
3747859.3,	29.0,	29.0,	0.0);	
(407034.8, 3747862.8,	29.0,	29.0,	0.0);	(407026.5,
3747866.2,	29.0,	29.0,	0.0);	
(407018.3, 3747869.6,	29.0,	29.0,	0.0);	(407010.0,
3747873.0,	29.0,	29.0,	0.0);	
(407071.7, 3747806.5,	29.0,	29.0,	0.0);	(407071.8,
3747797.0,	29.0,	29.0,	0.0);	
(407071.8, 3747787.5,	29.0,	29.0,	0.0);	(407071.8,
3747778.1,	29.0,	29.0,	0.0);	
(407071.8, 3747768.6,	29.0,	29.0,	0.0);	(407071.8,
3747759.1,	29.0,	29.0,	0.0);	
(407071.8, 3747749.6,	29.0,	29.0,	0.0);	(407071.8,
3747740.2,	29.0,	29.0,	0.0);	
(407071.8, 3747730.7,	29.0,	29.0,	0.0);	(407071.8,
3747721.2,	29.0,	29.0,	0.0);	
(407071.8, 3747711.7,	29.0,	29.0,	0.0);	(407071.8,
3747702.3,	29.0,	29.0,	0.0);	
(407071.8, 3747692.8,	29.0,	29.0,	0.0);	(407071.8,
3747683.3,	29.0,	29.0,	0.0);	
(407071.9, 3747673.8,	29.0,	29.0,	0.0);	(407071.9,
3747664.3,	29.0,	29.0,	0.0);	
(407073.6, 3747814.1,	29.0,	29.0,	0.0);	(407070.5,
3747821.6,	29.0,	29.0,	0.0);	
(407067.3, 3747829.2,	29.0,	29.0,	0.0);	(407064.2,
3747836.8,	29.0,	29.0,	0.0);	
(407061.0, 3747844.3,	29.0,	29.0,	0.0);	(407057.9,
3747851.9,	29.0,	29.0,	0.0);	
(407047.2, 3747862.6,	29.0,	29.0,	0.0);	(407039.6,
3747865.7,	29.0,	29.0,	0.0);	
(407032.1, 3747868.9,	29.0,	29.0,	0.0);	(407024.5,
3747872.0,	29.0,	29.0,	0.0);	
(407017.0, 3747875.1,	29.0,	29.0,	0.0);	(407009.4,
3747878.3,	29.0,	29.0,	0.0);	
(407076.7, 3747806.5,	29.0,	29.0,	0.0);	(407076.8,
3747797.0,	29.0,	29.0,	0.0);	
(407076.8, 3747787.5,	29.0,	29.0,	0.0);	(407076.8,
3747778.1,	29.0,	29.0,	0.0);	
(407076.8, 3747768.6,	29.0,	29.0,	0.0);	(407076.8,
3747759.1,	29.0,	29.0,	0.0);	
(407076.8, 3747749.6,	29.0,	29.0,	0.0);	(407076.8,
3747740.2,	29.0,	29.0,	0.0);	
(407076.8, 3747730.7,	29.0,	29.0,	0.0);	(407076.8,
3747721.2,	29.0,	29.0,	0.0);	
(407076.8, 3747711.7,	29.0,	29.0,	0.0);	(407076.8,
3747702.3,	29.0,	29.0,	0.0);	
(407076.8, 3747692.8,	29.0,	29.0,	0.0);	(407076.8,
3747683.3,	29.0,	29.0,	0.0);	
(407076.9, 3747673.8,	29.0,	29.0,	0.0);	(407076.9,
3747664.4,	29.0,	29.0,	0.0);	
(407078.4, 3747814.6,	29.0,	29.0,	0.0);	(407075.0,
3747822.6,	29.0,	29.0,	0.0);	
(407071.7, 3747830.7,	29.0,	29.0,	0.0);	(407068.3,
3747838.8,	29.0,	29.0,	0.0);	
(407065.0, 3747846.9,	29.0,	29.0,	0.0);	(407061.7,
3747854.9,	29.0,	29.0,	0.0);	
(407050.2, 3747866.3,	29.0,	29.0,	0.0);	(407042.2,
3747869.7,	29.0,	29.0,	0.0);	
(407026.0, 3747876.4,	29.0,	29.0,	0.0);	(407018.0,
3747879.7,	29.0,	29.0,	0.0);	
(407009.9, 3747883.1,	29.0,	29.0,	0.0);	(407081.7,
3747806.5,	29.0,	29.0,	0.0);	

(407081.8, 3747797.0,	29.0,	29.0,	0.0);	(407081.8,
3747787.5,	29.0,	29.0,	0.0);	
(407081.8, 3747778.1,	29.0,	29.0,	0.0);	(407081.8,
3747768.6,	29.0,	29.0,	0.0);	
(407081.8, 3747759.1,	29.0,	29.0,	0.0);	(407081.8,
3747749.6,	29.0,	29.0,	0.0);	
(407081.8, 3747740.2,	29.0,	29.0,	0.0);	(407081.8,
3747730.7,	29.0,	29.0,	0.0);	
(407081.8, 3747721.2,	29.0,	29.0,	0.0);	(407081.8,
3747711.7,	29.0,	29.0,	0.0);	
(407081.8, 3747702.3,	29.0,	29.0,	0.0);	(407081.8,
3747692.8,	29.0,	29.0,	0.0);	
(407081.8, 3747683.3,	29.0,	29.0,	0.0);	(407081.9,
3747673.8,	29.0,	29.0,	0.0);	
(407081.9, 3747664.4,	29.0,	29.0,	0.0);	(407083.2,
3747815.1,	29.0,	29.0,	0.0);	
(407079.6, 3747823.7,	29.0,	29.0,	0.0);	(407076.1,
3747832.2,	29.0,	29.0,	0.0);	
(407072.5, 3747840.8,	29.0,	29.0,	0.0);	(407069.0,
3747849.4,	29.0,	29.0,	0.0);	
(407065.4, 3747858.0,	29.0,	29.0,	0.0);	(407053.3,
3747870.1,	29.0,	29.0,	0.0);	
(407044.7, 3747873.6,	29.0,	29.0,	0.0);	(407036.1,
3747877.2,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(407027.5, 3747880.8,	29.0,	29.0,	0.0);	(407019.0,
3747884.3,	29.0,	29.0,	0.0);	
(407010.4, 3747887.9,	29.0,	29.0,	0.0);	(407086.7,
3747806.5,	29.0,	29.0,	0.0);	
(407086.8, 3747797.0,	29.0,	29.0,	0.0);	(407086.8,
3747787.6,	29.0,	29.0,	0.0);	
(407086.8, 3747778.1,	29.0,	29.0,	0.0);	(407086.8,
3747768.6,	29.0,	29.0,	0.0);	
(407086.8, 3747759.1,	29.0,	29.0,	0.0);	(407086.8,
3747749.6,	29.0,	29.0,	0.0);	
(407086.8, 3747740.2,	29.0,	29.0,	0.0);	(407086.8,
3747730.7,	29.0,	29.0,	0.0);	
(407086.8, 3747721.2,	29.0,	29.0,	0.0);	(407086.8,
3747711.8,	29.0,	29.0,	0.0);	
(407086.8, 3747702.3,	29.0,	29.0,	0.0);	(407086.8,
3747692.8,	29.0,	29.0,	0.0);	
(407086.8, 3747683.3,	29.0,	29.0,	0.0);	(407086.9,
3747673.8,	29.0,	29.0,	0.0);	
(407086.9, 3747664.4,	29.0,	29.0,	0.0);	(407088.5,
3747814.5,	29.0,	29.0,	0.0);	
(407085.1, 3747822.4,	29.0,	29.0,	0.0);	(407081.9,
3747830.3,	29.0,	29.0,	0.0);	
(407078.6, 3747838.3,	29.0,	29.0,	0.0);	(407075.3,
3747846.2,	29.0,	29.0,	0.0);	
(407072.0, 3747854.2,	29.0,	29.0,	0.0);	(407068.7,
3747862.1,	29.0,	29.0,	0.0);	
(407057.4, 3747873.4,	29.0,	29.0,	0.0);	(407049.5,
3747876.7,	29.0,	29.0,	0.0);	
(407041.5, 3747879.9,	29.0,	29.0,	0.0);	(407033.6,
3747883.2,	29.0,	29.0,	0.0);	

(407025.7, 3747886.5,	29.0,	29.0,	0.0);	(407017.7,
3747889.8,	29.0,	29.0,	0.0);	
(407009.8, 3747893.1,	29.0,	29.0,	0.0);	(407091.7,
3747806.5,	29.0,	29.0,	0.0);	
(407091.8, 3747797.0,	29.0,	29.0,	0.0);	(407091.8,
3747787.6,	29.0,	29.0,	0.0);	
(407091.8, 3747778.1,	29.0,	29.0,	0.0);	(407091.8,
3747768.6,	29.0,	29.0,	0.0);	
(407091.8, 3747759.1,	29.0,	29.0,	0.0);	(407091.8,
3747749.7,	29.0,	29.0,	0.0);	
(407091.8, 3747740.2,	29.0,	29.0,	0.0);	(407091.8,
3747730.7,	29.0,	29.0,	0.0);	
(407091.8, 3747721.2,	29.0,	29.0,	0.0);	(407091.8,
3747711.8,	29.0,	29.0,	0.0);	
(407091.8, 3747702.3,	29.0,	29.0,	0.0);	(407091.8,
3747692.8,	29.0,	29.0,	0.0);	
(407091.8, 3747683.3,	29.0,	29.0,	0.0);	(407091.9,
3747673.8,	29.0,	29.0,	0.0);	
(407091.9, 3747664.4,	29.0,	29.0,	0.0);	(407093.3,
3747814.9,	29.0,	29.0,	0.0);	
(407089.8, 3747823.3,	29.0,	29.0,	0.0);	(407086.3,
3747831.7,	29.0,	29.0,	0.0);	
(407082.8, 3747840.1,	29.0,	29.0,	0.0);	(407079.3,
3747848.4,	29.0,	29.0,	0.0);	
(407075.9, 3747856.8,	29.0,	29.0,	0.0);	(407072.4,
3747865.2,	29.0,	29.0,	0.0);	
(407060.5, 3747877.1,	29.0,	29.0,	0.0);	(407052.1,
3747880.6,	29.0,	29.0,	0.0);	
(407043.8, 3747884.0,	29.0,	29.0,	0.0);	(407035.4,
3747887.5,	29.0,	29.0,	0.0);	
(407027.0, 3747891.0,	29.0,	29.0,	0.0);	(407018.6,
3747894.5,	29.0,	29.0,	0.0);	
(407010.2, 3747897.9,	29.0,	29.0,	0.0);	(407096.7,
3747806.5,	29.0,	29.0,	0.0);	
(407096.8, 3747797.0,	29.0,	29.0,	0.0);	(407096.8,
3747787.6,	29.0,	29.0,	0.0);	
(407096.8, 3747778.1,	29.0,	29.0,	0.0);	(407096.8,
3747768.6,	29.0,	29.0,	0.0);	
(407096.8, 3747759.1,	29.0,	29.0,	0.0);	(407096.8,
3747749.7,	29.0,	29.0,	0.0);	
(407096.8, 3747740.2,	29.0,	29.0,	0.0);	(407096.8,
3747730.7,	29.0,	29.0,	0.0);	
(407096.8, 3747721.2,	29.0,	29.0,	0.0);	(407096.8,
3747711.8,	29.0,	29.0,	0.0);	
(407096.8, 3747702.3,	29.0,	29.0,	0.0);	(407096.8,
3747692.8,	29.0,	29.0,	0.0);	
(407096.8, 3747683.3,	29.0,	29.0,	0.0);	(407096.9,
3747673.8,	29.0,	29.0,	0.0);	
(407096.9, 3747664.4,	29.0,	29.0,	0.0);	(407098.5,
3747814.4,	29.0,	29.0,	0.0);	
(407095.2, 3747822.2,	29.0,	29.0,	0.0);	(407092.0,
3747830.1,	29.0,	29.0,	0.0);	
(407088.7, 3747837.9,	29.0,	29.0,	0.0);	(407085.5,
3747845.8,	29.0,	29.0,	0.0);	
(407082.2, 3747853.6,	29.0,	29.0,	0.0);	(407079.0,
3747861.4,	29.0,	29.0,	0.0);	
(407075.7, 3747869.3,	29.0,	29.0,	0.0);	(407064.6,
3747880.4,	29.0,	29.0,	0.0);	
(407056.8, 3747883.6,	29.0,	29.0,	0.0);	(407048.9,
3747886.9,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(407041.1, 3747890.2,	29.0,	29.0,	0.0);	(407033.2,
3747893.4, 29.0,	29.0,	0.0);		
(407025.4, 3747896.7,	29.0,	29.0,	0.0);	(407017.5,
3747899.9, 29.0,	29.0,	0.0);		
(407009.7, 3747903.2,	29.0,	29.0,	0.0);	(407101.7,
3747806.5, 29.0,	29.0,	0.0);		
(407101.8, 3747797.0,	29.0,	29.0,	0.0);	(407101.8,
3747787.6, 29.0,	29.0,	0.0);		
(407101.8, 3747778.1,	29.0,	29.0,	0.0);	(407101.8,
3747768.6, 29.0,	29.0,	0.0);		
(407101.8, 3747759.1,	29.0,	29.0,	0.0);	(407101.8,
3747749.7, 29.0,	29.0,	0.0);		
(407101.8, 3747740.2,	29.0,	29.0,	0.0);	(407101.8,
3747730.7, 29.0,	29.0,	0.0);		
(407101.8, 3747721.2,	29.0,	29.0,	0.0);	(407101.8,
3747711.8, 29.0,	29.0,	0.0);		
(407101.8, 3747702.3,	29.0,	29.0,	0.0);	(407101.8,
3747692.8, 29.0,	29.0,	0.0);		
(407101.8, 3747683.3,	29.0,	29.0,	0.0);	(407101.9,
3747673.9, 29.0,	29.0,	0.0);		
(407101.9, 3747664.4,	29.0,	29.0,	0.0);	(407001.9,
3747659.3, 29.0,	29.0,	0.0);		
(406992.4, 3747659.3,	29.0,	29.0,	0.0);	(406982.9,
3747659.3, 29.0,	29.0,	0.0);		
(406973.4, 3747659.3,	29.0,	29.0,	0.0);	(406963.9,
3747659.2, 29.0,	29.0,	0.0);		
(406954.5, 3747659.2,	29.0,	29.0,	0.0);	(406945.0,
3747659.2, 29.0,	29.0,	0.0);		
(406935.5, 3747659.2,	29.0,	29.0,	0.0);	(406926.0,
3747659.2, 29.0,	29.0,	0.0);		
(406916.5, 3747659.2,	29.0,	29.0,	0.0);	(406907.0,
3747659.2, 29.0,	29.0,	0.0);		
(406897.5, 3747659.2,	29.0,	29.0,	0.0);	(406888.0,
3747659.2, 29.0,	29.0,	0.0);		
(406878.6, 3747659.2,	29.0,	29.0,	0.0);	(406869.1,
3747659.2, 29.0,	29.0,	0.0);		
(406859.6, 3747659.1,	29.0,	29.0,	0.0);	(407001.9,
3747654.3, 29.0,	29.0,	0.0);		
(406992.4, 3747654.3,	29.0,	29.0,	0.0);	(406982.9,
3747654.3, 29.0,	29.0,	0.0);		
(406973.4, 3747654.3,	29.0,	29.0,	0.0);	(406963.9,
3747654.2, 29.0,	29.0,	0.0);		
(406954.5, 3747654.2,	29.0,	29.0,	0.0);	(406945.0,
3747654.2, 29.0,	29.0,	0.0);		
(406935.5, 3747654.2,	29.0,	29.0,	0.0);	(406926.0,
3747654.2, 29.0,	29.0,	0.0);		
(406916.5, 3747654.2,	29.0,	29.0,	0.0);	(406907.0,
3747654.2, 29.0,	29.0,	0.0);		
(406897.5, 3747654.2,	29.0,	29.0,	0.0);	(406888.1,
3747654.2, 29.0,	29.0,	0.0);		
(406878.6, 3747654.2,	29.0,	29.0,	0.0);	(406869.1,
3747654.2, 29.0,	29.0,	0.0);		
(406859.6, 3747654.1,	29.0,	29.0,	0.0);	(407007.2,
3747651.5, 29.0,	29.0,	0.0);		
(407014.7, 3747659.0,	29.0,	29.0,	0.0);	(407001.9,
3747649.3, 29.0,	29.0,	0.0);		
(406992.4, 3747649.3,	29.0,	29.0,	0.0);	(406982.9,
3747649.3, 29.0,	29.0,	0.0);		
(406973.4, 3747649.3,	29.0,	29.0,	0.0);	(406963.9,
3747649.2, 29.0,	29.0,	0.0);		

(406954.5, 3747649.2,	29.0,	29.0,	0.0);	(406945.0,
3747649.2,	29.0,	29.0,	0.0);	
(406935.5, 3747649.2,	29.0,	29.0,	0.0);	(406926.0,
3747649.2,	29.0,	29.0,	0.0);	
(406916.5, 3747649.2,	29.0,	29.0,	0.0);	(406907.0,
3747649.2,	29.0,	29.0,	0.0);	
(406897.5, 3747649.2,	29.0,	29.0,	0.0);	(406888.1,
3747649.2,	29.0,	29.0,	0.0);	
(406878.6, 3747649.2,	29.0,	29.0,	0.0);	(406869.1,
3747649.2,	29.0,	29.0,	0.0);	
(406859.6, 3747649.1,	29.0,	29.0,	0.0);	(407009.0,
3747647.2,	29.0,	29.0,	0.0);	
(407019.0, 3747657.2,	29.0,	29.0,	0.0);	(407001.9,
3747644.3,	29.0,	29.0,	0.0);	
(406992.4, 3747644.3,	29.0,	29.0,	0.0);	(406982.9,
3747644.3,	29.0,	29.0,	0.0);	
(406973.4, 3747644.3,	29.0,	29.0,	0.0);	(406964.0,
3747644.2,	29.0,	29.0,	0.0);	
(406954.5, 3747644.2,	29.0,	29.0,	0.0);	(406945.0,
3747644.2,	29.0,	29.0,	0.0);	
(406935.5, 3747644.2,	29.0,	29.0,	0.0);	(406926.0,
3747644.2,	29.0,	29.0,	0.0);	
(406916.5, 3747644.2,	29.0,	29.0,	0.0);	(406907.0,
3747644.2,	29.0,	29.0,	0.0);	
(406897.5, 3747644.2,	29.0,	29.0,	0.0);	(406888.1,
3747644.2,	29.0,	29.0,	0.0);	
(406878.6, 3747644.2,	29.0,	29.0,	0.0);	(406869.1,
3747644.2,	29.0,	29.0,	0.0);	
(406859.6, 3747644.1,	29.0,	29.0,	0.0);	(407007.8,
3747641.7,	29.0,	29.0,	0.0);	

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

16:20:29

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407013.7, 3747644.2,	29.0,	29.0,	0.0);	(407022.0,
3747652.5,	29.0,	29.0,	0.0);	
(407024.4, 3747658.4,	29.0,	29.0,	0.0);	(407001.9,
3747639.3,	29.0,	29.0,	0.0);	
(406992.4, 3747639.3,	29.0,	29.0,	0.0);	(406982.9,
3747639.3,	29.0,	29.0,	0.0);	
(406973.4, 3747639.3,	29.0,	29.0,	0.0);	(406964.0,
3747639.2,	29.0,	29.0,	0.0);	
(406954.5, 3747639.2,	29.0,	29.0,	0.0);	(406945.0,
3747639.2,	29.0,	29.0,	0.0);	
(406935.5, 3747639.2,	29.0,	29.0,	0.0);	(406926.0,
3747639.2,	29.0,	29.0,	0.0);	
(406916.5, 3747639.2,	29.0,	29.0,	0.0);	(406907.0,
3747639.2,	29.0,	29.0,	0.0);	
(406897.6, 3747639.2,	29.0,	29.0,	0.0);	(406888.1,
3747639.2,	29.0,	29.0,	0.0);	
(406878.6, 3747639.2,	29.0,	29.0,	0.0);	(406869.1,
3747639.2,	29.0,	29.0,	0.0);	
(406859.6, 3747639.1,	29.0,	29.0,	0.0);	(407009.0,
3747637.2,	29.0,	29.0,	0.0);	
(407016.0, 3747640.2,	29.0,	29.0,	0.0);	(407026.0,
3747650.2,	29.0,	29.0,	0.0);	
(407029.0, 3747657.2,	29.0,	29.0,	0.0);	(407001.9,
3747634.3,	29.0,	29.0,	0.0);	

(406992.4, 3747634.3,	29.0,	29.0,	0.0);	(406982.9,
3747634.3,	29.0,	29.0,	0.0);	
(406973.4, 3747634.3,	29.0,	29.0,	0.0);	(406964.0,
3747634.2,	29.0,	29.0,	0.0);	
(406954.5, 3747634.2,	29.0,	29.0,	0.0);	(406945.0,
3747634.2,	29.0,	29.0,	0.0);	
(406935.5, 3747634.2,	29.0,	29.0,	0.0);	(406926.0,
3747634.2,	29.0,	29.0,	0.0);	
(406916.5, 3747634.2,	29.0,	29.0,	0.0);	(406907.0,
3747634.2,	29.0,	29.0,	0.0);	
(406897.6, 3747634.2,	29.0,	29.0,	0.0);	(406888.1,
3747634.2,	29.0,	29.0,	0.0);	
(406878.6, 3747634.2,	29.0,	29.0,	0.0);	(406869.1,
3747634.2,	29.0,	29.0,	0.0);	
(406859.6, 3747634.1,	29.0,	29.0,	0.0);	(407010.1,
3747632.7,	29.0,	29.0,	0.0);	
(407018.4, 3747636.1,	29.0,	29.0,	0.0);	(407030.0,
3747647.8,	29.0,	29.0,	0.0);	
(407033.5, 3747656.1,	29.0,	29.0,	0.0);	(407001.9,
3747629.3,	29.0,	29.0,	0.0);	
(406992.4, 3747629.3,	29.0,	29.0,	0.0);	(406982.9,
3747629.3,	29.0,	29.0,	0.0);	
(406973.5, 3747629.3,	29.0,	29.0,	0.0);	(406964.0,
3747629.2,	29.0,	29.0,	0.0);	
(406954.5, 3747629.2,	29.0,	29.0,	0.0);	(406945.0,
3747629.2,	29.0,	29.0,	0.0);	
(406935.5, 3747629.2,	29.0,	29.0,	0.0);	(406926.0,
3747629.2,	29.0,	29.0,	0.0);	
(406916.5, 3747629.2,	29.0,	29.0,	0.0);	(406907.0,
3747629.2,	29.0,	29.0,	0.0);	
(406897.6, 3747629.2,	29.0,	29.0,	0.0);	(406888.1,
3747629.2,	29.0,	29.0,	0.0);	
(406878.6, 3747629.2,	29.0,	29.0,	0.0);	(406869.1,
3747629.2,	29.0,	29.0,	0.0);	
(406859.6, 3747629.1,	29.0,	29.0,	0.0);	(407009.0,
3747627.2,	29.0,	29.0,	0.0);	
(407016.0, 3747630.2,	29.0,	29.0,	0.0);	(407023.1,
3747633.1,	29.0,	29.0,	0.0);	
(407033.1, 3747643.1,	29.0,	29.0,	0.0);	(407036.0,
3747650.2,	29.0,	29.0,	0.0);	
(407039.0, 3747657.2,	29.0,	29.0,	0.0);	(407001.9,
3747624.3,	29.0,	29.0,	0.0);	
(406992.4, 3747624.3,	29.0,	29.0,	0.0);	(406982.9,
3747624.3,	29.0,	29.0,	0.0);	
(406973.5, 3747624.3,	29.0,	29.0,	0.0);	(406964.0,
3747624.2,	29.0,	29.0,	0.0);	
(406954.5, 3747624.2,	29.0,	29.0,	0.0);	(406945.0,
3747624.2,	29.0,	29.0,	0.0);	
(406935.5, 3747624.2,	29.0,	29.0,	0.0);	(406926.0,
3747624.2,	29.0,	29.0,	0.0);	
(406916.5, 3747624.2,	29.0,	29.0,	0.0);	(406907.1,
3747624.2,	29.0,	29.0,	0.0);	
(406897.6, 3747624.2,	29.0,	29.0,	0.0);	(406888.1,
3747624.2,	29.0,	29.0,	0.0);	
(406878.6, 3747624.2,	29.0,	29.0,	0.0);	(406869.1,
3747624.2,	29.0,	29.0,	0.0);	
(406859.6, 3747624.1,	29.0,	29.0,	0.0);	(407009.9,
3747622.6,	29.0,	29.0,	0.0);	
(407017.8, 3747625.9,	29.0,	29.0,	0.0);	(407025.8,
3747629.2,	29.0,	29.0,	0.0);	
(407037.0, 3747640.5,	29.0,	29.0,	0.0);	(407040.3,
3747648.4,	29.0,	29.0,	0.0);	
(407043.6, 3747656.4,	29.0,	29.0,	0.0);	(407001.9,
3747619.3,	29.0,	29.0,	0.0);	
(406992.4, 3747619.3,	29.0,	29.0,	0.0);	(406982.9,
3747619.3,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406973.5, 3747619.3,	29.0,	29.0,	0.0);	(406964.0,
3747619.2,	29.0,	29.0,	0.0);	
(406954.5, 3747619.2,	29.0,	29.0,	0.0);	(406945.0,
3747619.2,	29.0,	29.0,	0.0);	
(406935.5, 3747619.2,	29.0,	29.0,	0.0);	(406926.0,
3747619.2,	29.0,	29.0,	0.0);	
(406916.5, 3747619.2,	29.0,	29.0,	0.0);	(406907.1,
3747619.2,	29.0,	29.0,	0.0);	
(406897.6, 3747619.2,	29.0,	29.0,	0.0);	(406888.1,
3747619.2,	29.0,	29.0,	0.0);	
(406878.6, 3747619.2,	29.0,	29.0,	0.0);	(406869.1,
3747619.2,	29.0,	29.0,	0.0);	
(406859.6, 3747619.1,	29.0,	29.0,	0.0);	(407009.0,
3747617.2,	29.0,	29.0,	0.0);	
(407016.1, 3747620.2,	29.0,	29.0,	0.0);	(407023.1,
3747623.1,	29.0,	29.0,	0.0);	
(407030.2, 3747626.0,	29.0,	29.0,	0.0);	(407040.2,
3747636.0,	29.0,	29.0,	0.0);	
(407043.1, 3747643.1,	29.0,	29.0,	0.0);	(407046.0,
3747650.2,	29.0,	29.0,	0.0);	
(407049.0, 3747657.3,	29.0,	29.0,	0.0);	(407001.9,
3747614.3,	29.0,	29.0,	0.0);	
(406992.4, 3747614.3,	29.0,	29.0,	0.0);	(406983.0,
3747614.3,	29.0,	29.0,	0.0);	
(406973.5, 3747614.3,	29.0,	29.0,	0.0);	(406964.0,
3747614.2,	29.0,	29.0,	0.0);	
(406954.5, 3747614.2,	29.0,	29.0,	0.0);	(406945.0,
3747614.2,	29.0,	29.0,	0.0);	
(406935.5, 3747614.2,	29.0,	29.0,	0.0);	(406926.0,
3747614.2,	29.0,	29.0,	0.0);	
(406916.5, 3747614.2,	29.0,	29.0,	0.0);	(406907.1,
3747614.2,	29.0,	29.0,	0.0);	
(406897.6, 3747614.2,	29.0,	29.0,	0.0);	(406888.1,
3747614.2,	29.0,	29.0,	0.0);	
(406878.6, 3747614.2,	29.0,	29.0,	0.0);	(406869.1,
3747614.2,	29.0,	29.0,	0.0);	
(406859.6, 3747614.1,	29.0,	29.0,	0.0);	(407009.7,
3747612.5,	29.0,	29.0,	0.0);	
(407017.5, 3747615.8,	29.0,	29.0,	0.0);	(407025.2,
3747619.0,	29.0,	29.0,	0.0);	
(407033.0, 3747622.2,	29.0,	29.0,	0.0);	(407044.0,
3747633.2,	29.0,	29.0,	0.0);	
(407047.2, 3747641.0,	29.0,	29.0,	0.0);	(407050.4,
3747648.8,	29.0,	29.0,	0.0);	
(407053.7, 3747656.6,	29.0,	29.0,	0.0);	(407001.9,
3747609.3,	29.0,	29.0,	0.0);	
(406992.4, 3747609.3,	29.0,	29.0,	0.0);	(406983.0,
3747609.3,	29.0,	29.0,	0.0);	
(406973.5, 3747609.3,	29.0,	29.0,	0.0);	(406964.0,
3747609.2,	29.0,	29.0,	0.0);	
(406954.5, 3747609.2,	29.0,	29.0,	0.0);	(406945.0,
3747609.2,	29.0,	29.0,	0.0);	
(406935.5, 3747609.2,	29.0,	29.0,	0.0);	(406926.0,
3747609.2,	29.0,	29.0,	0.0);	

(406916.6, 3747609.2,	29.0,	29.0,	0.0);	(406907.1,
3747609.2,	29.0,	29.0,	0.0);	
(406897.6, 3747609.2,	29.0,	29.0,	0.0);	(406888.1,
3747609.2,	29.0,	29.0,	0.0);	
(406878.6, 3747609.2,	29.0,	29.0,	0.0);	(406869.1,
3747609.2,	29.0,	29.0,	0.0);	
(406859.6, 3747609.1,	29.0,	29.0,	0.0);	(407010.4,
3747607.8,	29.0,	29.0,	0.0);	
(407018.9, 3747611.3,	29.0,	29.0,	0.0);	(407027.4,
3747614.9,	29.0,	29.0,	0.0);	
(407035.9, 3747618.4,	29.0,	29.0,	0.0);	(407047.8,
3747630.4,	29.0,	29.0,	0.0);	
(407051.3, 3747638.9,	29.0,	29.0,	0.0);	(407054.9,
3747647.4,	29.0,	29.0,	0.0);	
(407058.4, 3747655.9,	29.0,	29.0,	0.0);	(407001.9,
3747604.3,	29.0,	29.0,	0.0);	
(406992.4, 3747604.3,	29.0,	29.0,	0.0);	(406983.0,
3747604.3,	29.0,	29.0,	0.0);	
(406973.5, 3747604.3,	29.0,	29.0,	0.0);	(406964.0,
3747604.2,	29.0,	29.0,	0.0);	
(406954.5, 3747604.2,	29.0,	29.0,	0.0);	(406945.0,
3747604.2,	29.0,	29.0,	0.0);	
(406935.5, 3747604.2,	29.0,	29.0,	0.0);	(406926.0,
3747604.2,	29.0,	29.0,	0.0);	
(406916.6, 3747604.2,	29.0,	29.0,	0.0);	(406907.1,
3747604.2,	29.0,	29.0,	0.0);	
(406897.6, 3747604.2,	29.0,	29.0,	0.0);	(406888.1,
3747604.2,	29.0,	29.0,	0.0);	
(406878.6, 3747604.2,	29.0,	29.0,	0.0);	(406869.1,
3747604.2,	29.0,	29.0,	0.0);	
(406859.6, 3747604.1,	29.0,	29.0,	0.0);	(407009.6,
3747602.5,	29.0,	29.0,	0.0);	
(407017.2, 3747605.6,	29.0,	29.0,	0.0);	(407024.9,
3747608.8,	29.0,	29.0,	0.0);	
(407032.6, 3747612.0,	29.0,	29.0,	0.0);	(407040.2,
3747615.2,	29.0,	29.0,	0.0);	


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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(407051.0, 3747626.0,	29.0,	29.0,	0.0);	(407054.2,
3747633.7,	29.0,	29.0,	0.0);	
(407057.4, 3747641.4,	29.0,	29.0,	0.0);	(407060.5,
3747649.0,	29.0,	29.0,	0.0);	
(407063.7, 3747656.7,	29.0,	29.0,	0.0);	(407001.9,
3747599.3,	29.0,	29.0,	0.0);	
(406992.5, 3747599.3,	29.0,	29.0,	0.0);	(406983.0,
3747599.3,	29.0,	29.0,	0.0);	
(406973.5, 3747599.3,	29.0,	29.0,	0.0);	(406964.0,
3747599.2,	29.0,	29.0,	0.0);	
(406954.5, 3747599.2,	29.0,	29.0,	0.0);	(406945.0,
3747599.2,	29.0,	29.0,	0.0);	
(406935.5, 3747599.2,	29.0,	29.0,	0.0);	(406926.0,
3747599.2,	29.0,	29.0,	0.0);	
(406916.6, 3747599.2,	29.0,	29.0,	0.0);	(406907.1,
3747599.2,	29.0,	29.0,	0.0);	
(406897.6, 3747599.2,	29.0,	29.0,	0.0);	(406888.1,
3747599.2,	29.0,	29.0,	0.0);	

(406878.6, 3747599.2,	29.0,	29.0,	0.0);	(406869.1,
3747599.2,	29.0,	29.0,	0.0);	
(406859.6, 3747599.1,	29.0,	29.0,	0.0);	(407010.2,
3747597.7,	29.0,	29.0,	0.0);	
(407018.4, 3747601.1,	29.0,	29.0,	0.0);	(407026.7,
3747604.6,	29.0,	29.0,	0.0);	
(407034.9, 3747608.0,	29.0,	29.0,	0.0);	(407043.2,
3747611.4,	29.0,	29.0,	0.0);	
(407054.8, 3747623.1,	29.0,	29.0,	0.0);	(407058.2,
3747631.3,	29.0,	29.0,	0.0);	
(407061.6, 3747639.6,	29.0,	29.0,	0.0);	(407065.0,
3747647.8,	29.0,	29.0,	0.0);	
(407068.5, 3747656.1,	29.0,	29.0,	0.0);	(407001.9,
3747594.3,	29.0,	29.0,	0.0);	
(406992.5, 3747594.3,	29.0,	29.0,	0.0);	(406983.0,
3747594.3,	29.0,	29.0,	0.0);	
(406973.5, 3747594.3,	29.0,	29.0,	0.0);	(406964.0,
3747594.2,	29.0,	29.0,	0.0);	
(406954.5, 3747594.2,	29.0,	29.0,	0.0);	(406945.0,
3747594.2,	29.0,	29.0,	0.0);	
(406935.5, 3747594.2,	29.0,	29.0,	0.0);	(406926.1,
3747594.2,	29.0,	29.0,	0.0);	
(406916.6, 3747594.2,	29.0,	29.0,	0.0);	(406907.1,
3747594.2,	29.0,	29.0,	0.0);	
(406897.6, 3747594.2,	29.0,	29.0,	0.0);	(406888.1,
3747594.2,	29.0,	29.0,	0.0);	
(406878.6, 3747594.2,	29.0,	29.0,	0.0);	(406869.1,
3747594.2,	29.0,	29.0,	0.0);	
(406859.7, 3747594.1,	29.0,	29.0,	0.0);	(407009.5,
3747592.4,	29.0,	29.0,	0.0);	
(407017.1, 3747595.6,	29.0,	29.0,	0.0);	(407024.7,
3747598.7,	29.0,	29.0,	0.0);	
(407032.2, 3747601.9,	29.0,	29.0,	0.0);	(407039.8,
3747605.0,	29.0,	29.0,	0.0);	
(407047.4, 3747608.2,	29.0,	29.0,	0.0);	(407058.1,
3747618.9,	29.0,	29.0,	0.0);	
(407061.2, 3747626.5,	29.0,	29.0,	0.0);	(407064.3,
3747634.0,	29.0,	29.0,	0.0);	
(407067.5, 3747641.6,	29.0,	29.0,	0.0);	(407070.6,
3747649.2,	29.0,	29.0,	0.0);	
(407073.7, 3747656.8,	29.0,	29.0,	0.0);	(407001.9,
3747589.3,	29.0,	29.0,	0.0);	
(406992.5, 3747589.3,	29.0,	29.0,	0.0);	(406983.0,
3747589.3,	29.0,	29.0,	0.0);	
(406973.5, 3747589.3,	29.0,	29.0,	0.0);	(406964.0,
3747589.2,	29.0,	29.0,	0.0);	
(406954.5, 3747589.2,	29.0,	29.0,	0.0);	(406945.0,
3747589.2,	29.0,	29.0,	0.0);	
(406935.5, 3747589.2,	29.0,	29.0,	0.0);	(406926.1,
3747589.2,	29.0,	29.0,	0.0);	
(406916.6, 3747589.2,	29.0,	29.0,	0.0);	(406907.1,
3747589.2,	29.0,	29.0,	0.0);	
(406897.6, 3747589.2,	29.0,	29.0,	0.0);	(406888.1,
3747589.2,	29.0,	29.0,	0.0);	
(406878.6, 3747589.2,	29.0,	29.0,	0.0);	(406869.1,
3747589.2,	29.0,	29.0,	0.0);	
(406859.7, 3747589.1,	29.0,	29.0,	0.0);	(407010.0,
3747587.6,	29.0,	29.0,	0.0);	
(407018.1, 3747591.0,	29.0,	29.0,	0.0);	(407026.2,
3747594.4,	29.0,	29.0,	0.0);	
(407042.3, 3747601.1,	29.0,	29.0,	0.0);	(407050.4,
3747604.4,	29.0,	29.0,	0.0);	
(407061.8, 3747615.9,	29.0,	29.0,	0.0);	(407065.2,
3747623.9,	29.0,	29.0,	0.0);	
(407068.5, 3747632.0,	29.0,	29.0,	0.0);	(407071.8,
3747640.1,	29.0,	29.0,	0.0);	

(407075.2, 3747648.2, 29.0, 29.0, 0.0); (407078.5,
3747656.3, 29.0, 29.0, 0.0);
(407002.0, 3747584.3, 29.0, 29.0, 0.0); (406992.5,
3747584.3, 29.0, 29.0, 0.0);
(406983.0, 3747584.3, 29.0, 29.0, 0.0); (406973.5,
3747584.3, 29.0, 29.0, 0.0);

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406964.0, 3747584.2, 29.0, 29.0, 0.0); (406954.5,
3747584.2, 29.0, 29.0, 0.0);
(406945.0, 3747584.2, 29.0, 29.0, 0.0); (406935.5,
3747584.2, 29.0, 29.0, 0.0);
(406926.1, 3747584.2, 29.0, 29.0, 0.0); (406916.6,
3747584.2, 29.0, 29.0, 0.0);
(406907.1, 3747584.2, 29.0, 29.0, 0.0); (406897.6,
3747584.2, 29.0, 29.0, 0.0);
(406888.1, 3747584.2, 29.0, 29.0, 0.0); (406878.6,
3747584.2, 29.0, 29.0, 0.0);
(406869.1, 3747584.2, 29.0, 29.0, 0.0); (406859.7,
3747584.1, 29.0, 29.0, 0.0);
(407010.5, 3747582.8, 29.0, 29.0, 0.0); (407019.1,
3747586.4, 29.0, 29.0, 0.0);
(407027.7, 3747590.0, 29.0, 29.0, 0.0); (407036.3,
3747593.5, 29.0, 29.0, 0.0);
(407044.9, 3747597.1, 29.0, 29.0, 0.0); (407053.5,
3747600.7, 29.0, 29.0, 0.0);
(407065.6, 3747612.8, 29.0, 29.0, 0.0); (407069.1,
3747621.4, 29.0, 29.0, 0.0);
(407072.7, 3747630.0, 29.0, 29.0, 0.0); (407076.2,
3747638.6, 29.0, 29.0, 0.0);
(407079.8, 3747647.2, 29.0, 29.0, 0.0); (407083.3,
3747655.8, 29.0, 29.0, 0.0);
(407002.0, 3747579.3, 29.0, 29.0, 0.0); (406992.5,
3747579.3, 29.0, 29.0, 0.0);
(406983.0, 3747579.3, 29.0, 29.0, 0.0); (406973.5,
3747579.3, 29.0, 29.0, 0.0);
(406964.0, 3747579.2, 29.0, 29.0, 0.0); (406954.5,
3747579.2, 29.0, 29.0, 0.0);
(406945.0, 3747579.2, 29.0, 29.0, 0.0); (406935.6,
3747579.2, 29.0, 29.0, 0.0);
(406926.1, 3747579.2, 29.0, 29.0, 0.0); (406916.6,
3747579.2, 29.0, 29.0, 0.0);
(406907.1, 3747579.2, 29.0, 29.0, 0.0); (406897.6,
3747579.2, 29.0, 29.0, 0.0);
(406888.1, 3747579.2, 29.0, 29.0, 0.0); (406878.6,
3747579.2, 29.0, 29.0, 0.0);
(406869.2, 3747579.2, 29.0, 29.0, 0.0); (406859.7,
3747579.1, 29.0, 29.0, 0.0);
(407009.9, 3747577.6, 29.0, 29.0, 0.0); (407017.9,
3747580.9, 29.0, 29.0, 0.0);
(407025.8, 3747584.2, 29.0, 29.0, 0.0); (407033.8,
3747587.5, 29.0, 29.0, 0.0);
(407041.7, 3747590.8, 29.0, 29.0, 0.0); (407049.7,
3747594.1, 29.0, 29.0, 0.0);
(407057.6, 3747597.4, 29.0, 29.0, 0.0); (407068.9,
3747608.7, 29.0, 29.0, 0.0);

(407072.1, 3747616.6,	29.0,	29.0,	0.0);	(407075.4,
3747624.6,	29.0,	29.0,	0.0);	
(407078.7, 3747632.5,	29.0,	29.0,	0.0);	(407082.0,
3747640.5,	29.0,	29.0,	0.0);	
(407085.3, 3747648.5,	29.0,	29.0,	0.0);	(407088.6,
3747656.4,	29.0,	29.0,	0.0);	
(407002.0, 3747574.3,	29.0,	29.0,	0.0);	(406992.5,
3747574.3,	29.0,	29.0,	0.0);	
(406983.0, 3747574.3,	29.0,	29.0,	0.0);	(406973.5,
3747574.3,	29.0,	29.0,	0.0);	
(406964.0, 3747574.2,	29.0,	29.0,	0.0);	(406954.5,
3747574.2,	29.0,	29.0,	0.0);	
(406945.0, 3747574.2,	29.0,	29.0,	0.0);	(406935.6,
3747574.2,	29.0,	29.0,	0.0);	
(406926.1, 3747574.2,	29.0,	29.0,	0.0);	(406916.6,
3747574.2,	29.0,	29.0,	0.0);	
(406907.1, 3747574.2,	29.0,	29.0,	0.0);	(406897.6,
3747574.2,	29.0,	29.0,	0.0);	
(406888.1, 3747574.2,	29.0,	29.0,	0.0);	(406878.6,
3747574.2,	29.0,	29.0,	0.0);	
(406869.2, 3747574.2,	29.0,	29.0,	0.0);	(406859.7,
3747574.1,	29.0,	29.0,	0.0);	
(407010.4, 3747572.8,	29.0,	29.0,	0.0);	(407018.8,
3747576.3,	29.0,	29.0,	0.0);	
(407027.1, 3747579.8,	29.0,	29.0,	0.0);	(407035.5,
3747583.2,	29.0,	29.0,	0.0);	
(407043.9, 3747586.7,	29.0,	29.0,	0.0);	(407052.3,
3747590.2,	29.0,	29.0,	0.0);	
(407060.7, 3747593.7,	29.0,	29.0,	0.0);	(407072.6,
3747605.6,	29.0,	29.0,	0.0);	
(407076.0, 3747614.0,	29.0,	29.0,	0.0);	(407079.5,
3747622.4,	29.0,	29.0,	0.0);	
(407083.0, 3747630.8,	29.0,	29.0,	0.0);	(407086.5,
3747639.2,	29.0,	29.0,	0.0);	
(407089.9, 3747647.6,	29.0,	29.0,	0.0);	(407093.4,
3747656.0,	29.0,	29.0,	0.0);	
(407002.0, 3747569.3,	29.0,	29.0,	0.0);	(406992.5,
3747569.3,	29.0,	29.0,	0.0);	
(406983.0, 3747569.3,	29.0,	29.0,	0.0);	(406973.5,
3747569.3,	29.0,	29.0,	0.0);	
(406964.0, 3747569.2,	29.0,	29.0,	0.0);	(406954.5,
3747569.2,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406945.0, 3747569.2,	29.0,	29.0,	0.0);	(406935.6,
3747569.2,	29.0,	29.0,	0.0);	
(406926.1, 3747569.2,	29.0,	29.0,	0.0);	(406916.6,
3747569.2,	29.0,	29.0,	0.0);	
(406907.1, 3747569.2,	29.0,	29.0,	0.0);	(406897.6,
3747569.2,	29.0,	29.0,	0.0);	
(406888.1, 3747569.2,	29.0,	29.0,	0.0);	(406878.6,
3747569.2,	29.0,	29.0,	0.0);	
(406869.2, 3747569.2,	29.0,	29.0,	0.0);	(406859.7,
3747569.1,	29.0,	29.0,	0.0);	
(407009.8, 3747567.5,	29.0,	29.0,	0.0);	(407017.7,
3747570.8,	29.0,	29.0,	0.0);	

(407025.5, 3747574.1,	29.0,	29.0,	0.0);	(407033.4,
3747577.3,	29.0,	29.0,	0.0);	
(407041.2, 3747580.6,	29.0,	29.0,	0.0);	(407049.1,
3747583.9,	29.0,	29.0,	0.0);	
(407056.9, 3747587.1,	29.0,	29.0,	0.0);	(407064.8,
3747590.4,	29.0,	29.0,	0.0);	
(407075.9, 3747601.5,	29.0,	29.0,	0.0);	(407079.1,
3747609.4,	29.0,	29.0,	0.0);	
(407082.4, 3747617.2,	29.0,	29.0,	0.0);	(407085.6,
3747625.1,	29.0,	29.0,	0.0);	
(407088.9, 3747632.9,	29.0,	29.0,	0.0);	(407092.1,
3747640.8,	29.0,	29.0,	0.0);	
(407095.4, 3747648.7,	29.0,	29.0,	0.0);	(407098.6,
3747656.5,	29.0,	29.0,	0.0);	
(407002.0, 3747564.3,	29.0,	29.0,	0.0);	(406992.5,
3747564.3,	29.0,	29.0,	0.0);	
(406983.0, 3747564.3,	29.0,	29.0,	0.0);	(406973.5,
3747564.3,	29.0,	29.0,	0.0);	
(406964.0, 3747564.2,	29.0,	29.0,	0.0);	(406954.5,
3747564.2,	29.0,	29.0,	0.0);	
(406945.1, 3747564.2,	29.0,	29.0,	0.0);	(406935.6,
3747564.2,	29.0,	29.0,	0.0);	
(406926.1, 3747564.2,	29.0,	29.0,	0.0);	(406916.6,
3747564.2,	29.0,	29.0,	0.0);	
(406907.1, 3747564.2,	29.0,	29.0,	0.0);	(406897.6,
3747564.2,	29.0,	29.0,	0.0);	
(406888.1, 3747564.2,	29.0,	29.0,	0.0);	(406878.7,
3747564.2,	29.0,	29.0,	0.0);	
(406869.2, 3747564.2,	29.0,	29.0,	0.0);	(406859.7,
3747564.1,	29.0,	29.0,	0.0);	
(406854.6, 3747664.1,	29.0,	29.0,	0.0);	(406854.6,
3747673.6,	29.0,	29.0,	0.0);	
(406854.6, 3747683.1,	29.0,	29.0,	0.0);	(406854.6,
3747692.6,	29.0,	29.0,	0.0);	
(406854.5, 3747702.1,	29.0,	29.0,	0.0);	(406854.5,
3747711.6,	29.0,	29.0,	0.0);	
(406854.5, 3747721.1,	29.0,	29.0,	0.0);	(406854.5,
3747730.6,	29.0,	29.0,	0.0);	
(406854.5, 3747740.1,	29.0,	29.0,	0.0);	(406854.5,
3747749.6,	29.0,	29.0,	0.0);	
(406854.5, 3747759.1,	29.0,	29.0,	0.0);	(406854.5,
3747768.6,	29.0,	29.0,	0.0);	
(406854.5, 3747778.1,	29.0,	29.0,	0.0);	(406854.5,
3747787.6,	29.0,	29.0,	0.0);	
(406854.5, 3747797.1,	29.0,	29.0,	0.0);	(406854.5,
3747806.6,	29.0,	29.0,	0.0);	
(406849.6, 3747664.1,	29.0,	29.0,	0.0);	(406849.6,
3747673.6,	29.0,	29.0,	0.0);	
(406849.6, 3747683.1,	29.0,	29.0,	0.0);	(406849.6,
3747692.6,	29.0,	29.0,	0.0);	
(406849.5, 3747702.1,	29.0,	29.0,	0.0);	(406849.5,
3747711.6,	29.0,	29.0,	0.0);	
(406849.5, 3747721.1,	29.0,	29.0,	0.0);	(406849.5,
3747730.6,	29.0,	29.0,	0.0);	
(406849.5, 3747740.1,	29.0,	29.0,	0.0);	(406849.5,
3747749.6,	29.0,	29.0,	0.0);	
(406849.5, 3747759.1,	29.0,	29.0,	0.0);	(406849.5,
3747768.6,	29.0,	29.0,	0.0);	
(406849.5, 3747778.1,	29.0,	29.0,	0.0);	(406849.5,
3747787.6,	29.0,	29.0,	0.0);	
(406849.5, 3747797.1,	29.0,	29.0,	0.0);	(406849.5,
3747806.6,	29.0,	29.0,	0.0);	
(406846.8, 3747658.8,	29.0,	29.0,	0.0);	(406854.3,
3747651.3,	29.0,	29.0,	0.0);	
(406844.6, 3747664.1,	29.0,	29.0,	0.0);	(406844.6,
3747673.6,	29.0,	29.0,	0.0);	

(406844.6, 3747683.1,	29.0,	29.0,	0.0);	(406844.6,
3747692.6,	29.0,	29.0,	0.0);	
(406844.5, 3747702.1,	29.0,	29.0,	0.0);	(406844.5,
3747711.6,	29.0,	29.0,	0.0);	
(406844.5, 3747721.1,	29.0,	29.0,	0.0);	(406844.5,
3747730.6,	29.0,	29.0,	0.0);	
(406844.5, 3747740.1,	29.0,	29.0,	0.0);	(406844.5,
3747749.6,	29.0,	29.0,	0.0);	
(406844.5, 3747759.1,	29.0,	29.0,	0.0);	(406844.5,
3747768.6,	29.0,	29.0,	0.0);	
(406844.5, 3747778.1,	29.0,	29.0,	0.0);	(406844.5,
3747787.6,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406844.5, 3747797.1,	29.0,	29.0,	0.0);	(406844.5,
3747806.6,	29.0,	29.0,	0.0);	
(406842.5, 3747657.1,	29.0,	29.0,	0.0);	(406852.5,
3747647.1,	29.0,	29.0,	0.0);	
(406839.6, 3747664.1,	29.0,	29.0,	0.0);	(406839.6,
3747673.6,	29.0,	29.0,	0.0);	
(406839.6, 3747683.1,	29.0,	29.0,	0.0);	(406839.6,
3747692.6,	29.0,	29.0,	0.0);	
(406839.5, 3747702.1,	29.0,	29.0,	0.0);	(406839.5,
3747711.6,	29.0,	29.0,	0.0);	
(406839.5, 3747721.1,	29.0,	29.0,	0.0);	(406839.5,
3747730.6,	29.0,	29.0,	0.0);	
(406839.5, 3747740.1,	29.0,	29.0,	0.0);	(406839.5,
3747749.6,	29.0,	29.0,	0.0);	
(406839.5, 3747759.1,	29.0,	29.0,	0.0);	(406839.5,
3747768.6,	29.0,	29.0,	0.0);	
(406839.5, 3747778.1,	29.0,	29.0,	0.0);	(406839.5,
3747787.6,	29.0,	29.0,	0.0);	
(406839.5, 3747797.1,	29.0,	29.0,	0.0);	(406839.5,
3747806.5,	29.0,	29.0,	0.0);	
(406837.0, 3747658.2,	29.0,	29.0,	0.0);	(406839.5,
3747652.3,	29.0,	29.0,	0.0);	
(406847.8, 3747644.0,	29.0,	29.0,	0.0);	(406853.7,
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3747692.6,	29.0,	29.0,	0.0);	
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(406834.5, 3747740.1,	29.0,	29.0,	0.0);	(406834.5,
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( 406845.5, 3747630.0, 29.0, 29.0, 0.0); ( 406852.6,
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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( 406819.5, 3747740.1, 29.0, 29.0, 0.0); ( 406819.5,
3747749.6, 29.0, 29.0, 0.0);

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(406819.5, 3747797.0,	29.0,	29.0,	0.0);	(406819.5,
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3747622.4,	29.0,	29.0,	0.0);	
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3747673.6,	29.0,	29.0,	0.0);	
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(406814.5, 3747740.1,	29.0,	29.0,	0.0);	(406814.5,
3747749.6,	29.0,	29.0,	0.0);	
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(406814.5, 3747778.0,	29.0,	29.0,	0.0);	(406814.5,
3747787.5,	29.0,	29.0,	0.0);	
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3747673.6,	29.0,	29.0,	0.0);	
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3747692.6,	29.0,	29.0,	0.0);	
(406809.5, 3747702.1,	29.0,	29.0,	0.0);	(406809.5,
3747711.6,	29.0,	29.0,	0.0);	
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3747730.6,	29.0,	29.0,	0.0);	
(406809.5, 3747740.1,	29.0,	29.0,	0.0);	(406809.5,
3747749.5,	29.0,	29.0,	0.0);	
(406809.5, 3747759.0,	29.0,	29.0,	0.0);	(406809.5,
3747768.5,	29.0,	29.0,	0.0);	
(406809.5, 3747778.0,	29.0,	29.0,	0.0);	(406809.5,
3747787.5,	29.0,	29.0,	0.0);	
(406809.5, 3747797.0,	29.0,	29.0,	0.0);	(406809.5,
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3747673.6,	29.0,	29.0,	0.0);	
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3747692.6,	29.0,	29.0,	0.0);	
(406804.5, 3747702.1,	29.0,	29.0,	0.0);	(406804.5,
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(406804.5, 3747721.1,	29.0,	29.0,	0.0);	(406804.5,
3747730.6,	29.0,	29.0,	0.0);	
(406804.5, 3747740.0,	29.0,	29.0,	0.0);	(406804.5,
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(406804.5, 3747759.0,	29.0,	29.0,	0.0);	(406804.5,
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3747787.5,	29.0,	29.0,	0.0);	
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3747806.5,	29.0,	29.0,	0.0);	
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3747647.1,	29.0,	29.0,	0.0);	
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3747630.2,	29.0,	29.0,	0.0);	
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3747614.7,	29.0,	29.0,	0.0);	
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3747664.1,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

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3747702.1,	29.0,	29.0,	0.0);	
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3747721.1,	29.0,	29.0,	0.0);	
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3747740.0,	29.0,	29.0,	0.0);	
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3747759.0,	29.0,	29.0,	0.0);	
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3747702.1,	29.0,	29.0,	0.0);	
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3747622.8,	29.0,	29.0,	0.0);	
(406818.4, 3747611.2,	29.0,	29.0,	0.0);	(406826.6,
3747607.8,	29.0,	29.0,	0.0);	
(406834.9, 3747604.4,	29.0,	29.0,	0.0);	(406843.1,
3747601.0,	29.0,	29.0,	0.0);	
(406851.4, 3747597.6,	29.0,	29.0,	0.0);	(406789.6,
3747664.1,	29.0,	29.0,	0.0);	
(406789.6, 3747673.6,	29.0,	29.0,	0.0);	(406789.6,
3747683.1,	29.0,	29.0,	0.0);	
(406789.6, 3747692.6,	29.0,	29.0,	0.0);	(406789.5,
3747702.1,	29.0,	29.0,	0.0);	
(406789.5, 3747711.5,	29.0,	29.0,	0.0);	(406789.5,
3747721.0,	29.0,	29.0,	0.0);	
(406789.5, 3747730.5,	29.0,	29.0,	0.0);	(406789.5,
3747740.0,	29.0,	29.0,	0.0);	
(406789.5, 3747749.5,	29.0,	29.0,	0.0);	(406789.5,
3747759.0,	29.0,	29.0,	0.0);	
(406789.5, 3747768.5,	29.0,	29.0,	0.0);	(406789.5,
3747778.0,	29.0,	29.0,	0.0);	
(406789.5, 3747787.5,	29.0,	29.0,	0.0);	(406789.5,
3747797.0,	29.0,	29.0,	0.0);	
(406789.5, 3747806.5,	29.0,	29.0,	0.0);	(406787.7,
3747656.5,	29.0,	29.0,	0.0);	
(406790.9, 3747648.9,	29.0,	29.0,	0.0);	(406794.0,
3747641.4,	29.0,	29.0,	0.0);	
(406797.2, 3747633.8,	29.0,	29.0,	0.0);	(406800.3,
3747626.2,	29.0,	29.0,	0.0);	
(406803.5, 3747618.6,	29.0,	29.0,	0.0);	(406814.2,
3747607.9,	29.0,	29.0,	0.0);	
(406821.8, 3747604.8,	29.0,	29.0,	0.0);	(406829.3,
3747601.7,	29.0,	29.0,	0.0);	
(406836.9, 3747598.5,	29.0,	29.0,	0.0);	(406844.5,
3747595.4,	29.0,	29.0,	0.0);	
(406852.1, 3747592.3,	29.0,	29.0,	0.0);	(406784.6,
3747664.1,	29.0,	29.0,	0.0);	
(406784.6, 3747673.6,	29.0,	29.0,	0.0);	(406784.6,
3747683.1,	29.0,	29.0,	0.0);	
(406784.6, 3747692.6,	29.0,	29.0,	0.0);	(406784.5,
3747702.0,	29.0,	29.0,	0.0);	
(406784.5, 3747711.5,	29.0,	29.0,	0.0);	(406784.5,
3747721.0,	29.0,	29.0,	0.0);	
(406784.5, 3747730.5,	29.0,	29.0,	0.0);	(406784.5,
3747740.0,	29.0,	29.0,	0.0);	
(406784.5, 3747749.5,	29.0,	29.0,	0.0);	(406784.5,
3747759.0,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406784.5, 3747768.5,	29.0,	29.0,	0.0);	(406784.5,
3747778.0,	29.0,	29.0,	0.0);	
(406784.5, 3747787.5,	29.0,	29.0,	0.0);	(406784.5,
3747797.0,	29.0,	29.0,	0.0);	
(406784.5, 3747806.5,	29.0,	29.0,	0.0);	(406783.0,
3747656.0,	29.0,	29.0,	0.0);	
(406786.3, 3747647.9,	29.0,	29.0,	0.0);	(406789.7,
3747639.8,	29.0,	29.0,	0.0);	
(406793.0, 3747631.8,	29.0,	29.0,	0.0);	(406796.4,
3747623.7,	29.0,	29.0,	0.0);	
(406799.7, 3747615.6,	29.0,	29.0,	0.0);	(406811.2,
3747604.2,	29.0,	29.0,	0.0);	
(406819.2, 3747600.8,	29.0,	29.0,	0.0);	(406827.3,
3747597.5,	29.0,	29.0,	0.0);	
(406835.4, 3747594.2,	29.0,	29.0,	0.0);	(406843.5,
3747590.8,	29.0,	29.0,	0.0);	
(406851.6, 3747587.5,	29.0,	29.0,	0.0);	(406779.6,
3747664.1,	29.0,	29.0,	0.0);	
(406779.6, 3747673.6,	29.0,	29.0,	0.0);	(406779.6,
3747683.1,	29.0,	29.0,	0.0);	
(406779.6, 3747692.6,	29.0,	29.0,	0.0);	(406779.5,
3747702.0,	29.0,	29.0,	0.0);	
(406779.5, 3747711.5,	29.0,	29.0,	0.0);	(406779.5,
3747721.0,	29.0,	29.0,	0.0);	
(406779.5, 3747730.5,	29.0,	29.0,	0.0);	(406779.5,
3747740.0,	29.0,	29.0,	0.0);	
(406779.5, 3747749.5,	29.0,	29.0,	0.0);	(406779.5,
3747759.0,	29.0,	29.0,	0.0);	
(406779.5, 3747768.5,	29.0,	29.0,	0.0);	(406779.5,
3747778.0,	29.0,	29.0,	0.0);	
(406779.5, 3747787.5,	29.0,	29.0,	0.0);	(406779.5,
3747797.0,	29.0,	29.0,	0.0);	
(406779.5, 3747806.5,	29.0,	29.0,	0.0);	(406778.2,
3747655.5,	29.0,	29.0,	0.0);	
(406781.7, 3747646.9,	29.0,	29.0,	0.0);	(406785.3,
3747638.3,	29.0,	29.0,	0.0);	
(406788.8, 3747629.7,	29.0,	29.0,	0.0);	(406792.4,
3747621.1,	29.0,	29.0,	0.0);	
(406796.0, 3747612.6,	29.0,	29.0,	0.0);	(406808.1,
3747600.4,	29.0,	29.0,	0.0);	
(406816.7, 3747596.9,	29.0,	29.0,	0.0);	(406825.3,
3747593.3,	29.0,	29.0,	0.0);	
(406833.9, 3747589.8,	29.0,	29.0,	0.0);	(406842.5,
3747586.2,	29.0,	29.0,	0.0);	
(406851.1, 3747582.7,	29.0,	29.0,	0.0);	(406774.6,
3747664.1,	29.0,	29.0,	0.0);	
(406774.6, 3747673.6,	29.0,	29.0,	0.0);	(406774.6,
3747683.1,	29.0,	29.0,	0.0);	
(406774.6, 3747692.5,	29.0,	29.0,	0.0);	(406774.5,
3747702.0,	29.0,	29.0,	0.0);	
(406774.5, 3747711.5,	29.0,	29.0,	0.0);	(406774.5,
3747721.0,	29.0,	29.0,	0.0);	
(406774.5, 3747730.5,	29.0,	29.0,	0.0);	(406774.5,
3747740.0,	29.0,	29.0,	0.0);	
(406774.5, 3747749.5,	29.0,	29.0,	0.0);	(406774.5,
3747759.0,	29.0,	29.0,	0.0);	
(406774.5, 3747768.5,	29.0,	29.0,	0.0);	(406774.5,
3747778.0,	29.0,	29.0,	0.0);	
(406774.5, 3747787.5,	29.0,	29.0,	0.0);	(406774.5,
3747797.0,	29.0,	29.0,	0.0);	
(406774.5, 3747806.5,	29.0,	29.0,	0.0);	(406772.9,
3747656.1,	29.0,	29.0,	0.0);	
(406776.2, 3747648.2,	29.0,	29.0,	0.0);	(406779.5,
3747640.2,	29.0,	29.0,	0.0);	
(406782.8, 3747632.2,	29.0,	29.0,	0.0);	(406786.1,
3747624.3,	29.0,	29.0,	0.0);	

(406789.4, 3747616.3,	29.0,	29.0,	0.0);	(406792.7,
3747608.4,	29.0,	29.0,	0.0);	
(406804.0, 3747597.2,	29.0,	29.0,	0.0);	(406811.9,
3747593.9,	29.0,	29.0,	0.0);	
(406819.9, 3747590.6,	29.0,	29.0,	0.0);	(406827.8,
3747587.3,	29.0,	29.0,	0.0);	
(406835.8, 3747584.0,	29.0,	29.0,	0.0);	(406843.8,
3747580.7,	29.0,	29.0,	0.0);	
(406851.7, 3747577.4,	29.0,	29.0,	0.0);	(406769.6,
3747664.1,	29.0,	29.0,	0.0);	
(406769.6, 3747673.6,	29.0,	29.0,	0.0);	(406769.6,
3747683.0,	29.0,	29.0,	0.0);	
(406769.6, 3747692.5,	29.0,	29.0,	0.0);	(406769.5,
3747702.0,	29.0,	29.0,	0.0);	
(406769.5, 3747711.5,	29.0,	29.0,	0.0);	(406769.5,
3747721.0,	29.0,	29.0,	0.0);	
(406769.5, 3747730.5,	29.0,	29.0,	0.0);	(406769.5,
3747740.0,	29.0,	29.0,	0.0);	
(406769.5, 3747749.5,	29.0,	29.0,	0.0);	(406769.5,
3747759.0,	29.0,	29.0,	0.0);	
(406769.5, 3747768.5,	29.0,	29.0,	0.0);	(406769.5,
3747778.0,	29.0,	29.0,	0.0);	
(406769.5, 3747787.5,	29.0,	29.0,	0.0);	(406769.5,
3747797.0,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406769.5, 3747806.5,	29.0,	29.0,	0.0);	(406768.1,
3747655.7,	29.0,	29.0,	0.0);	
(406771.6, 3747647.3,	29.0,	29.0,	0.0);	(406775.0,
3747638.9,	29.0,	29.0,	0.0);	
(406778.5, 3747630.5,	29.0,	29.0,	0.0);	(406782.0,
3747622.1,	29.0,	29.0,	0.0);	
(406785.5, 3747613.7,	29.0,	29.0,	0.0);	(406789.0,
3747605.3,	29.0,	29.0,	0.0);	
(406800.9, 3747593.4,	29.0,	29.0,	0.0);	(406809.3,
3747590.0,	29.0,	29.0,	0.0);	
(406817.7, 3747586.5,	29.0,	29.0,	0.0);	(406826.1,
3747583.0,	29.0,	29.0,	0.0);	
(406834.5, 3747579.6,	29.0,	29.0,	0.0);	(406842.9,
3747576.1,	29.0,	29.0,	0.0);	
(406851.3, 3747572.6,	29.0,	29.0,	0.0);	(406764.6,
3747664.1,	29.0,	29.0,	0.0);	
(406764.6, 3747673.5,	29.0,	29.0,	0.0);	(406764.6,
3747683.0,	29.0,	29.0,	0.0);	
(406764.6, 3747692.5,	29.0,	29.0,	0.0);	(406764.5,
3747702.0,	29.0,	29.0,	0.0);	
(406764.5, 3747711.5,	29.0,	29.0,	0.0);	(406764.5,
3747721.0,	29.0,	29.0,	0.0);	
(406764.5, 3747730.5,	29.0,	29.0,	0.0);	(406764.5,
3747740.0,	29.0,	29.0,	0.0);	
(406764.5, 3747749.5,	29.0,	29.0,	0.0);	(406764.5,
3747759.0,	29.0,	29.0,	0.0);	
(406764.5, 3747768.5,	29.0,	29.0,	0.0);	(406764.5,
3747778.0,	29.0,	29.0,	0.0);	
(406764.5, 3747787.5,	29.0,	29.0,	0.0);	(406764.5,
3747797.0,	29.0,	29.0,	0.0);	

(406764.5, 3747806.5,	29.0,	29.0,	0.0);	(406762.8,
3747656.2,	29.0,	29.0,	0.0);	
(406766.1, 3747648.3,	29.0,	29.0,	0.0);	(406769.4,
3747640.5,	29.0,	29.0,	0.0);	
(406772.6, 3747632.6,	29.0,	29.0,	0.0);	(406775.9,
3747624.8,	29.0,	29.0,	0.0);	
(406779.2, 3747616.9,	29.0,	29.0,	0.0);	(406782.4,
3747609.1,	29.0,	29.0,	0.0);	
(406785.7, 3747601.2,	29.0,	29.0,	0.0);	(406796.8,
3747590.1,	29.0,	29.0,	0.0);	
(406804.7, 3747586.9,	29.0,	29.0,	0.0);	(406812.5,
3747583.6,	29.0,	29.0,	0.0);	
(406820.4, 3747580.4,	29.0,	29.0,	0.0);	(406828.2,
3747577.1,	29.0,	29.0,	0.0);	
(406836.1, 3747573.9,	29.0,	29.0,	0.0);	(406844.0,
3747570.6,	29.0,	29.0,	0.0);	
(406851.8, 3747567.4,	29.0,	29.0,	0.0);	(406759.6,
3747664.0,	29.0,	29.0,	0.0);	
(406759.6, 3747673.5,	29.0,	29.0,	0.0);	(406759.6,
3747683.0,	29.0,	29.0,	0.0);	
(406759.6, 3747692.5,	29.0,	29.0,	0.0);	(406759.5,
3747702.0,	29.0,	29.0,	0.0);	
(406759.5, 3747711.5,	29.0,	29.0,	0.0);	(406759.5,
3747721.0,	29.0,	29.0,	0.0);	
(406759.5, 3747730.5,	29.0,	29.0,	0.0);	(406759.5,
3747740.0,	29.0,	29.0,	0.0);	
(406759.5, 3747749.5,	29.0,	29.0,	0.0);	(406759.5,
3747759.0,	29.0,	29.0,	0.0);	
(406759.5, 3747768.5,	29.0,	29.0,	0.0);	(406759.5,
3747778.0,	29.0,	29.0,	0.0);	
(406759.5, 3747787.5,	29.0,	29.0,	0.0);	(406759.5,
3747797.0,	29.0,	29.0,	0.0);	
(406759.5, 3747806.5,	29.0,	29.0,	0.0);	(406859.5,
3747811.6,	29.0,	29.0,	0.0);	
(406868.9, 3747811.6,	29.0,	29.0,	0.0);	(406878.4,
3747811.5,	29.0,	29.0,	0.0);	
(406887.9, 3747811.5,	29.0,	29.0,	0.0);	(406897.4,
3747811.5,	29.0,	29.0,	0.0);	
(406906.9, 3747811.5,	29.0,	29.0,	0.0);	(406916.4,
3747811.5,	29.0,	29.0,	0.0);	
(406925.9, 3747811.5,	29.0,	29.0,	0.0);	(406935.3,
3747811.5,	29.0,	29.0,	0.0);	
(406944.8, 3747811.5,	29.0,	29.0,	0.0);	(406954.3,
3747811.5,	29.0,	29.0,	0.0);	
(406963.8, 3747811.5,	29.0,	29.0,	0.0);	(406973.3,
3747811.5,	29.0,	29.0,	0.0);	
(406982.8, 3747811.4,	29.0,	29.0,	0.0);	(406992.3,
3747811.4,	29.0,	29.0,	0.0);	
(407001.7, 3747811.4,	29.0,	29.0,	0.0);	(406859.5,
3747816.6,	29.0,	29.0,	0.0);	
(406869.0, 3747816.6,	29.0,	29.0,	0.0);	(406878.4,
3747816.5,	29.0,	29.0,	0.0);	
(406887.9, 3747816.5,	29.0,	29.0,	0.0);	(406897.4,
3747816.5,	29.0,	29.0,	0.0);	
(406906.9, 3747816.5,	29.0,	29.0,	0.0);	(406916.4,
3747816.5,	29.0,	29.0,	0.0);	
(406925.9, 3747816.5,	29.0,	29.0,	0.0);	(406935.3,
3747816.5,	29.0,	29.0,	0.0);	
(406944.8, 3747816.5,	29.0,	29.0,	0.0);	(406954.3,
3747816.5,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406963.8, 3747816.5,	29.0,	29.0,	0.0);	(406973.3,
3747816.5, 29.0,	29.0,	0.0);		
(406982.8, 3747816.4,	29.0,	29.0,	0.0);	(406992.3,
3747816.4, 29.0,	29.0,	0.0);		
(407001.8, 3747816.4,	29.0,	29.0,	0.0);	(406854.1,
3747819.4, 29.0,	29.0,	0.0);		
(406846.6, 3747811.9,	29.0,	29.0,	0.0);	(406859.5,
3747821.6, 29.0,	29.0,	0.0);		
(406869.0, 3747821.6,	29.0,	29.0,	0.0);	(406878.4,
3747821.5, 29.0,	29.0,	0.0);		
(406887.9, 3747821.5,	29.0,	29.0,	0.0);	(406897.4,
3747821.5, 29.0,	29.0,	0.0);		
(406906.9, 3747821.5,	29.0,	29.0,	0.0);	(406916.4,
3747821.5, 29.0,	29.0,	0.0);		
(406925.9, 3747821.5,	29.0,	29.0,	0.0);	(406935.3,
3747821.5, 29.0,	29.0,	0.0);		
(406944.8, 3747821.5,	29.0,	29.0,	0.0);	(406954.3,
3747821.5, 29.0,	29.0,	0.0);		
(406963.8, 3747821.5,	29.0,	29.0,	0.0);	(406973.3,
3747821.5, 29.0,	29.0,	0.0);		
(406982.8, 3747821.4,	29.0,	29.0,	0.0);	(406992.3,
3747821.4, 29.0,	29.0,	0.0);		
(407001.8, 3747821.4,	29.0,	29.0,	0.0);	(406852.4,
3747823.6, 29.0,	29.0,	0.0);		
(406842.4, 3747813.6,	29.0,	29.0,	0.0);	(406859.5,
3747826.6, 29.0,	29.0,	0.0);		
(406869.0, 3747826.6,	29.0,	29.0,	0.0);	(406878.4,
3747826.5, 29.0,	29.0,	0.0);		
(406887.9, 3747826.5,	29.0,	29.0,	0.0);	(406897.4,
3747826.5, 29.0,	29.0,	0.0);		
(406906.9, 3747826.5,	29.0,	29.0,	0.0);	(406916.4,
3747826.5, 29.0,	29.0,	0.0);		
(406925.9, 3747826.5,	29.0,	29.0,	0.0);	(406935.4,
3747826.5, 29.0,	29.0,	0.0);		
(406944.8, 3747826.5,	29.0,	29.0,	0.0);	(406954.3,
3747826.5, 29.0,	29.0,	0.0);		
(406963.8, 3747826.5,	29.0,	29.0,	0.0);	(406973.3,
3747826.5, 29.0,	29.0,	0.0);		
(406982.8, 3747826.4,	29.0,	29.0,	0.0);	(406992.3,
3747826.4, 29.0,	29.0,	0.0);		
(407001.8, 3747826.4,	29.0,	29.0,	0.0);	(406853.6,
3747829.1, 29.0,	29.0,	0.0);		
(406847.7, 3747826.7,	29.0,	29.0,	0.0);	(406839.3,
3747818.3, 29.0,	29.0,	0.0);		
(406836.9, 3747812.4,	29.0,	29.0,	0.0);	(406859.5,
3747831.6, 29.0,	29.0,	0.0);		
(406869.0, 3747831.6,	29.0,	29.0,	0.0);	(406878.5,
3747831.5, 29.0,	29.0,	0.0);		
(406887.9, 3747831.5,	29.0,	29.0,	0.0);	(406897.4,
3747831.5, 29.0,	29.0,	0.0);		
(406906.9, 3747831.5,	29.0,	29.0,	0.0);	(406916.4,
3747831.5, 29.0,	29.0,	0.0);		
(406925.9, 3747831.5,	29.0,	29.0,	0.0);	(406935.4,
3747831.5, 29.0,	29.0,	0.0);		
(406944.8, 3747831.5,	29.0,	29.0,	0.0);	(406954.3,
3747831.5, 29.0,	29.0,	0.0);		
(406963.8, 3747831.5,	29.0,	29.0,	0.0);	(406973.3,
3747831.5, 29.0,	29.0,	0.0);		
(406982.8, 3747831.4,	29.0,	29.0,	0.0);	(406992.3,
3747831.4, 29.0,	29.0,	0.0);		

(407001.8, 3747831.4,	29.0,	29.0,	0.0);	(406852.4,
3747833.6,	29.0,	29.0,	0.0);	
(406845.3, 3747830.7,	29.0,	29.0,	0.0);	(406835.3,
3747820.7,	29.0,	29.0,	0.0);	
(406832.4, 3747813.6,	29.0,	29.0,	0.0);	(406859.5,
3747836.6,	29.0,	29.0,	0.0);	
(406869.0, 3747836.6,	29.0,	29.0,	0.0);	(406878.5,
3747836.5,	29.0,	29.0,	0.0);	
(406887.9, 3747836.5,	29.0,	29.0,	0.0);	(406897.4,
3747836.5,	29.0,	29.0,	0.0);	
(406906.9, 3747836.5,	29.0,	29.0,	0.0);	(406916.4,
3747836.5,	29.0,	29.0,	0.0);	
(406925.9, 3747836.5,	29.0,	29.0,	0.0);	(406935.4,
3747836.5,	29.0,	29.0,	0.0);	
(406944.8, 3747836.5,	29.0,	29.0,	0.0);	(406954.3,
3747836.5,	29.0,	29.0,	0.0);	
(406963.8, 3747836.5,	29.0,	29.0,	0.0);	(406973.3,
3747836.5,	29.0,	29.0,	0.0);	
(406982.8, 3747836.4,	29.0,	29.0,	0.0);	(406992.3,
3747836.4,	29.0,	29.0,	0.0);	
(407001.8, 3747836.4,	29.0,	29.0,	0.0);	(406851.2,
3747838.1,	29.0,	29.0,	0.0);	
(406843.0, 3747834.7,	29.0,	29.0,	0.0);	(406831.3,
3747823.1,	29.0,	29.0,	0.0);	
(406827.9, 3747814.8,	29.0,	29.0,	0.0);	(406859.5,
3747841.6,	29.0,	29.0,	0.0);	
(406869.0, 3747841.6,	29.0,	29.0,	0.0);	(406878.5,
3747841.5,	29.0,	29.0,	0.0);	
(406887.9, 3747841.5,	29.0,	29.0,	0.0);	(406897.4,
3747841.5,	29.0,	29.0,	0.0);	

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GP\14635 Cons *** 06/27/23

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406906.9, 3747841.5,	29.0,	29.0,	0.0);	(406916.4,
3747841.5,	29.0,	29.0,	0.0);	
(406925.9, 3747841.5,	29.0,	29.0,	0.0);	(406935.4,
3747841.5,	29.0,	29.0,	0.0);	
(406944.9, 3747841.5,	29.0,	29.0,	0.0);	(406954.3,
3747841.5,	29.0,	29.0,	0.0);	
(406963.8, 3747841.5,	29.0,	29.0,	0.0);	(406973.3,
3747841.5,	29.0,	29.0,	0.0);	
(406982.8, 3747841.4,	29.0,	29.0,	0.0);	(406992.3,
3747841.4,	29.0,	29.0,	0.0);	
(407001.8, 3747841.4,	29.0,	29.0,	0.0);	(406852.4,
3747843.6,	29.0,	29.0,	0.0);	
(406845.3, 3747840.7,	29.0,	29.0,	0.0);	(406838.2,
3747837.8,	29.0,	29.0,	0.0);	
(406828.2, 3747827.8,	29.0,	29.0,	0.0);	(406825.3,
3747820.7,	29.0,	29.0,	0.0);	
(406822.4, 3747813.6,	29.0,	29.0,	0.0);	(406859.5,
3747846.6,	29.0,	29.0,	0.0);	
(406869.0, 3747846.6,	29.0,	29.0,	0.0);	(406878.5,
3747846.5,	29.0,	29.0,	0.0);	
(406888.0, 3747846.5,	29.0,	29.0,	0.0);	(406897.4,
3747846.5,	29.0,	29.0,	0.0);	
(406906.9, 3747846.5,	29.0,	29.0,	0.0);	(406916.4,
3747846.5,	29.0,	29.0,	0.0);	

(406925.9, 3747846.5,	29.0,	29.0,	0.0);	(406935.4,
3747846.5,	29.0,	29.0,	0.0);	
(406944.9, 3747846.5,	29.0,	29.0,	0.0);	(406954.3,
3747846.5,	29.0,	29.0,	0.0);	
(406963.8, 3747846.5,	29.0,	29.0,	0.0);	(406973.3,
3747846.5,	29.0,	29.0,	0.0);	
(406982.8, 3747846.4,	29.0,	29.0,	0.0);	(406992.3,
3747846.4,	29.0,	29.0,	0.0);	
(407001.8, 3747846.4,	29.0,	29.0,	0.0);	(406851.5,
3747848.3,	29.0,	29.0,	0.0);	
(406843.6, 3747845.0,	29.0,	29.0,	0.0);	(406835.6,
3747841.7,	29.0,	29.0,	0.0);	
(406824.3, 3747830.4,	29.0,	29.0,	0.0);	(406821.0,
3747822.5,	29.0,	29.0,	0.0);	
(406817.8, 3747814.5,	29.0,	29.0,	0.0);	(406859.5,
3747851.6,	29.0,	29.0,	0.0);	
(406869.0, 3747851.6,	29.0,	29.0,	0.0);	(406878.5,
3747851.5,	29.0,	29.0,	0.0);	
(406888.0, 3747851.5,	29.0,	29.0,	0.0);	(406897.4,
3747851.5,	29.0,	29.0,	0.0);	
(406906.9, 3747851.5,	29.0,	29.0,	0.0);	(406916.4,
3747851.5,	29.0,	29.0,	0.0);	
(406925.9, 3747851.5,	29.0,	29.0,	0.0);	(406935.4,
3747851.5,	29.0,	29.0,	0.0);	
(406944.9, 3747851.5,	29.0,	29.0,	0.0);	(406954.3,
3747851.5,	29.0,	29.0,	0.0);	
(406963.8, 3747851.5,	29.0,	29.0,	0.0);	(406973.3,
3747851.5,	29.0,	29.0,	0.0);	
(406982.8, 3747851.4,	29.0,	29.0,	0.0);	(406992.3,
3747851.4,	29.0,	29.0,	0.0);	
(407001.8, 3747851.4,	29.0,	29.0,	0.0);	(406852.4,
3747853.6,	29.0,	29.0,	0.0);	
(406845.3, 3747850.7,	29.0,	29.0,	0.0);	(406838.3,
3747847.8,	29.0,	29.0,	0.0);	
(406831.2, 3747844.8,	29.0,	29.0,	0.0);	(406821.2,
3747834.8,	29.0,	29.0,	0.0);	
(406818.2, 3747827.8,	29.0,	29.0,	0.0);	(406815.3,
3747820.7,	29.0,	29.0,	0.0);	
(406812.4, 3747813.6,	29.0,	29.0,	0.0);	(406859.5,
3747856.6,	29.0,	29.0,	0.0);	
(406869.0, 3747856.6,	29.0,	29.0,	0.0);	(406878.5,
3747856.5,	29.0,	29.0,	0.0);	
(406888.0, 3747856.5,	29.0,	29.0,	0.0);	(406897.4,
3747856.5,	29.0,	29.0,	0.0);	
(406906.9, 3747856.5,	29.0,	29.0,	0.0);	(406916.4,
3747856.5,	29.0,	29.0,	0.0);	
(406925.9, 3747856.5,	29.0,	29.0,	0.0);	(406935.4,
3747856.5,	29.0,	29.0,	0.0);	
(406944.9, 3747856.5,	29.0,	29.0,	0.0);	(406954.4,
3747856.5,	29.0,	29.0,	0.0);	
(406963.8, 3747856.5,	29.0,	29.0,	0.0);	(406973.3,
3747856.5,	29.0,	29.0,	0.0);	
(406982.8, 3747856.4,	29.0,	29.0,	0.0);	(406992.3,
3747856.4,	29.0,	29.0,	0.0);	
(407001.8, 3747856.4,	29.0,	29.0,	0.0);	(406851.7,
3747858.3,	29.0,	29.0,	0.0);	
(406843.9, 3747855.1,	29.0,	29.0,	0.0);	(406836.1,
3747851.9,	29.0,	29.0,	0.0);	
(406828.3, 3747848.7,	29.0,	29.0,	0.0);	(406817.3,
3747837.7,	29.0,	29.0,	0.0);	
(406814.1, 3747829.9,	29.0,	29.0,	0.0);	(406810.9,
3747822.1,	29.0,	29.0,	0.0);	
(406807.7, 3747814.3,	29.0,	29.0,	0.0);	(406859.5,
3747861.6,	29.0,	29.0,	0.0);	
(406869.0, 3747861.6,	29.0,	29.0,	0.0);	(406878.5,
3747861.5,	29.0,	29.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406888.0, 3747861.5,	29.0,	29.0,	0.0);	(406897.5,
3747861.5,	29.0,	29.0,	0.0);	
(406906.9, 3747861.5,	29.0,	29.0,	0.0);	(406916.4,
3747861.5,	29.0,	29.0,	0.0);	
(406925.9, 3747861.5,	29.0,	29.0,	0.0);	(406935.4,
3747861.5,	29.0,	29.0,	0.0);	
(406944.9, 3747861.5,	29.0,	29.0,	0.0);	(406954.4,
3747861.5,	29.0,	29.0,	0.0);	
(406963.8, 3747861.5,	29.0,	29.0,	0.0);	(406973.3,
3747861.5,	29.0,	29.0,	0.0);	
(406982.8, 3747861.4,	29.0,	29.0,	0.0);	(406992.3,
3747861.4,	29.0,	29.0,	0.0);	
(407001.8, 3747861.4,	29.0,	29.0,	0.0);	(406851.0,
3747863.1,	29.0,	29.0,	0.0);	
(406834.0, 3747856.0,	29.0,	29.0,	0.0);	(406825.5,
3747852.5,	29.0,	29.0,	0.0);	
(406813.5, 3747840.5,	29.0,	29.0,	0.0);	(406810.0,
3747832.0,	29.0,	29.0,	0.0);	
(406806.5, 3747823.5,	29.0,	29.0,	0.0);	(406803.0,
3747815.0,	29.0,	29.0,	0.0);	
(406859.5, 3747866.6,	29.0,	29.0,	0.0);	(406869.0,
3747866.6,	29.0,	29.0,	0.0);	
(406878.5, 3747866.5,	29.0,	29.0,	0.0);	(406888.0,
3747866.5,	29.0,	29.0,	0.0);	
(406897.5, 3747866.5,	29.0,	29.0,	0.0);	(406906.9,
3747866.5,	29.0,	29.0,	0.0);	
(406916.4, 3747866.5,	29.0,	29.0,	0.0);	(406925.9,
3747866.5,	29.0,	29.0,	0.0);	
(406935.4, 3747866.5,	29.0,	29.0,	0.0);	(406944.9,
3747866.5,	29.0,	29.0,	0.0);	
(406954.4, 3747866.5,	29.0,	29.0,	0.0);	(406963.9,
3747866.5,	29.0,	29.0,	0.0);	
(406973.3, 3747866.5,	29.0,	29.0,	0.0);	(406982.8,
3747866.4,	29.0,	29.0,	0.0);	
(406992.3, 3747866.4,	29.0,	29.0,	0.0);	(407001.8,
3747866.4,	29.0,	29.0,	0.0);	
(406851.8, 3747868.4,	29.0,	29.0,	0.0);	(406844.2,
3747865.2,	29.0,	29.0,	0.0);	
(406836.5, 3747862.0,	29.0,	29.0,	0.0);	(406828.8,
3747858.9,	29.0,	29.0,	0.0);	
(406821.2, 3747855.7,	29.0,	29.0,	0.0);	(406810.3,
3747844.9,	29.0,	29.0,	0.0);	
(406807.1, 3747837.2,	29.0,	29.0,	0.0);	(406804.0,
3747829.5,	29.0,	29.0,	0.0);	
(406800.8, 3747821.8,	29.0,	29.0,	0.0);	(406797.6,
3747814.2,	29.0,	29.0,	0.0);	
(406859.5, 3747871.6,	29.0,	29.0,	0.0);	(406869.0,
3747871.6,	29.0,	29.0,	0.0);	
(406878.5, 3747871.5,	29.0,	29.0,	0.0);	(406888.0,
3747871.5,	29.0,	29.0,	0.0);	
(406897.5, 3747871.5,	29.0,	29.0,	0.0);	(406906.9,
3747871.5,	29.0,	29.0,	0.0);	
(406916.4, 3747871.5,	29.0,	29.0,	0.0);	(406925.9,
3747871.5,	29.0,	29.0,	0.0);	

(406935.4, 3747871.5,	29.0,	29.0,	0.0);	(406944.9,
3747871.5,	29.0,	29.0,	0.0);	
(406954.4, 3747871.5,	29.0,	29.0,	0.0);	(406963.9,
3747871.5,	29.0,	29.0,	0.0);	
(406973.3, 3747871.5,	29.0,	29.0,	0.0);	(406982.8,
3747871.4,	29.0,	29.0,	0.0);	
(406992.3, 3747871.4,	29.0,	29.0,	0.0);	(407001.8,
3747871.4,	29.0,	29.0,	0.0);	
(406851.3, 3747873.1,	29.0,	29.0,	0.0);	(406843.0,
3747869.7,	29.0,	29.0,	0.0);	
(406834.7, 3747866.3,	29.0,	29.0,	0.0);	(406826.5,
3747862.9,	29.0,	29.0,	0.0);	
(406818.2, 3747859.5,	29.0,	29.0,	0.0);	(406806.5,
3747847.8,	29.0,	29.0,	0.0);	
(406803.1, 3747839.5,	29.0,	29.0,	0.0);	(406799.7,
3747831.3,	29.0,	29.0,	0.0);	
(406796.3, 3747823.0,	29.0,	29.0,	0.0);	(406792.9,
3747814.8,	29.0,	29.0,	0.0);	
(406859.5, 3747876.6,	29.0,	29.0,	0.0);	(406869.0,
3747876.6,	29.0,	29.0,	0.0);	
(406878.5, 3747876.5,	29.0,	29.0,	0.0);	(406888.0,
3747876.5,	29.0,	29.0,	0.0);	
(406897.5, 3747876.5,	29.0,	29.0,	0.0);	(406907.0,
3747876.5,	29.0,	29.0,	0.0);	
(406916.4, 3747876.5,	29.0,	29.0,	0.0);	(406925.9,
3747876.5,	29.0,	29.0,	0.0);	
(406935.4, 3747876.5,	29.0,	29.0,	0.0);	(406944.9,
3747876.5,	29.0,	29.0,	0.0);	
(406954.4, 3747876.5,	29.0,	29.0,	0.0);	(406963.9,
3747876.5,	29.0,	29.0,	0.0);	
(406973.3, 3747876.5,	29.0,	29.0,	0.0);	(406982.8,
3747876.4,	29.0,	29.0,	0.0);	
(406992.3, 3747876.4,	29.0,	29.0,	0.0);	(407001.8,
3747876.4,	29.0,	29.0,	0.0);	
(406851.9, 3747878.4,	29.0,	29.0,	0.0);	(406844.3,
3747875.3,	29.0,	29.0,	0.0);	

 *** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

(406836.8, 3747872.2,	29.0,	29.0,	0.0);	(406829.2,
3747869.0,	29.0,	29.0,	0.0);	
(406821.6, 3747865.9,	29.0,	29.0,	0.0);	(406814.0,
3747862.7,	29.0,	29.0,	0.0);	
(406803.3, 3747852.0,	29.0,	29.0,	0.0);	(406800.1,
3747844.4,	29.0,	29.0,	0.0);	
(406797.0, 3747836.8,	29.0,	29.0,	0.0);	(406793.9,
3747829.3,	29.0,	29.0,	0.0);	
(406790.7, 3747821.7,	29.0,	29.0,	0.0);	(406787.6,
3747814.1,	29.0,	29.0,	0.0);	
(406859.5, 3747881.6,	29.0,	29.0,	0.0);	(406869.0,
3747881.6,	29.0,	29.0,	0.0);	
(406878.5, 3747881.5,	29.0,	29.0,	0.0);	(406888.0,
3747881.5,	29.0,	29.0,	0.0);	
(406897.5, 3747881.5,	29.0,	29.0,	0.0);	(406907.0,
3747881.5,	29.0,	29.0,	0.0);	
(406916.4, 3747881.5,	29.0,	29.0,	0.0);	(406925.9,
3747881.5,	29.0,	29.0,	0.0);	

(406935.4, 3747881.5,	29.0,	29.0,	0.0);	(406944.9,
3747881.5,	29.0,	29.0,	0.0);	
(406954.4, 3747881.5,	29.0,	29.0,	0.0);	(406963.9,
3747881.5,	29.0,	29.0,	0.0);	
(406973.4, 3747881.5,	29.0,	29.0,	0.0);	(406982.8,
3747881.4,	29.0,	29.0,	0.0);	
(406992.3, 3747881.4,	29.0,	29.0,	0.0);	(407001.8,
3747881.4,	29.0,	29.0,	0.0);	
(406851.4, 3747883.2,	29.0,	29.0,	0.0);	(406843.3,
3747879.9,	29.0,	29.0,	0.0);	
(406835.2, 3747876.5,	29.0,	29.0,	0.0);	(406827.2,
3747873.2,	29.0,	29.0,	0.0);	
(406819.1, 3747869.8,	29.0,	29.0,	0.0);	(406811.0,
3747866.5,	29.0,	29.0,	0.0);	
(406799.5, 3747855.0,	29.0,	29.0,	0.0);	(406796.2,
3747846.9,	29.0,	29.0,	0.0);	
(406792.8, 3747838.9,	29.0,	29.0,	0.0);	(406789.5,
3747830.8,	29.0,	29.0,	0.0);	
(406786.1, 3747822.7,	29.0,	29.0,	0.0);	(406782.8,
3747814.6,	29.0,	29.0,	0.0);	
(406859.5, 3747886.6,	29.0,	29.0,	0.0);	(406869.0,
3747886.6,	29.0,	29.0,	0.0);	
(406878.5, 3747886.5,	29.0,	29.0,	0.0);	(406888.0,
3747886.5,	29.0,	29.0,	0.0);	
(406897.5, 3747886.5,	29.0,	29.0,	0.0);	(406907.0,
3747886.5,	29.0,	29.0,	0.0);	
(406916.4, 3747886.5,	29.0,	29.0,	0.0);	(406925.9,
3747886.5,	29.0,	29.0,	0.0);	
(406935.4, 3747886.5,	29.0,	29.0,	0.0);	(406944.9,
3747886.5,	29.0,	29.0,	0.0);	
(406954.4, 3747886.5,	29.0,	29.0,	0.0);	(406963.9,
3747886.5,	29.0,	29.0,	0.0);	
(406973.4, 3747886.5,	29.0,	29.0,	0.0);	(406982.8,
3747886.4,	29.0,	29.0,	0.0);	
(406992.3, 3747886.4,	29.0,	29.0,	0.0);	(407001.8,
3747886.4,	29.0,	29.0,	0.0);	
(406850.9, 3747888.0,	29.0,	29.0,	0.0);	(406842.3,
3747884.5,	29.0,	29.0,	0.0);	
(406833.7, 3747880.9,	29.0,	29.0,	0.0);	(406816.5,
3747873.8,	29.0,	29.0,	0.0);	
(406807.9, 3747870.2,	29.0,	29.0,	0.0);	(406795.8,
3747858.1,	29.0,	29.0,	0.0);	
(406792.2, 3747849.5,	29.0,	29.0,	0.0);	(406788.7,
3747840.9,	29.0,	29.0,	0.0);	
(406785.1, 3747832.3,	29.0,	29.0,	0.0);	(406781.6,
3747823.7,	29.0,	29.0,	0.0);	
(406778.0, 3747815.1,	29.0,	29.0,	0.0);	(406859.5,
3747891.6,	29.0,	29.0,	0.0);	
(406869.0, 3747891.6,	29.0,	29.0,	0.0);	(406878.5,
3747891.5,	29.0,	29.0,	0.0);	
(406888.0, 3747891.5,	29.0,	29.0,	0.0);	(406897.5,
3747891.5,	29.0,	29.0,	0.0);	
(406907.0, 3747891.5,	29.0,	29.0,	0.0);	(406916.5,
3747891.5,	29.0,	29.0,	0.0);	
(406925.9, 3747891.5,	29.0,	29.0,	0.0);	(406935.4,
3747891.5,	29.0,	29.0,	0.0);	
(406944.9, 3747891.5,	29.0,	29.0,	0.0);	(406954.4,
3747891.5,	29.0,	29.0,	0.0);	
(406963.9, 3747891.5,	29.0,	29.0,	0.0);	(406973.4,
3747891.5,	29.0,	29.0,	0.0);	
(406982.8, 3747891.4,	29.0,	29.0,	0.0);	(406992.3,
3747891.4,	29.0,	29.0,	0.0);	
(407001.8, 3747891.4,	29.0,	29.0,	0.0);	(406851.6,
3747893.3,	29.0,	29.0,	0.0);	
(406843.6, 3747890.0,	29.0,	29.0,	0.0);	(406835.6,
3747886.7,	29.0,	29.0,	0.0);	

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( 406827.7, 3747883.4,      29.0,      29.0,      0.0);      ( 406819.7,
3747880.1,      29.0,      29.0,      0.0);
( 406811.7, 3747876.8,      29.0,      29.0,      0.0);      ( 406803.8,
3747873.5,      29.0,      29.0,      0.0);
( 406792.5, 3747862.2,      29.0,      29.0,      0.0);      ( 406789.2,
3747854.3,      29.0,      29.0,      0.0);

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***      06/27/23
*** AERMET - VERSION 16216 ***
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16:20:29

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

```

( 406785.9, 3747846.3,      29.0,      29.0,      0.0);      ( 406782.6,
3747838.3,      29.0,      29.0,      0.0);
( 406779.3, 3747830.4,      29.0,      29.0,      0.0);      ( 406776.0,
3747822.4,      29.0,      29.0,      0.0);
( 406772.8, 3747814.4,      29.0,      29.0,      0.0);      ( 406859.5,
3747896.6,      29.0,      29.0,      0.0);
( 406869.0, 3747896.6,      29.0,      29.0,      0.0);      ( 406878.5,
3747896.5,      29.0,      29.0,      0.0);
( 406888.0, 3747896.5,      29.0,      29.0,      0.0);      ( 406897.5,
3747896.5,      29.0,      29.0,      0.0);
( 406907.0, 3747896.5,      29.0,      29.0,      0.0);      ( 406916.5,
3747896.5,      29.0,      29.0,      0.0);
( 406925.9, 3747896.5,      29.0,      29.0,      0.0);      ( 406935.4,
3747896.5,      29.0,      29.0,      0.0);
( 406944.9, 3747896.5,      29.0,      29.0,      0.0);      ( 406954.4,
3747896.5,      29.0,      29.0,      0.0);
( 406963.9, 3747896.5,      29.0,      29.0,      0.0);      ( 406973.4,
3747896.5,      29.0,      29.0,      0.0);
( 406982.9, 3747896.4,      29.0,      29.0,      0.0);      ( 406992.3,
3747896.4,      29.0,      29.0,      0.0);
( 407001.8, 3747896.4,      29.0,      29.0,      0.0);      ( 406851.1,
3747898.1,      29.0,      29.0,      0.0);
( 406842.7, 3747894.6,      29.0,      29.0,      0.0);      ( 406834.3,
3747891.1,      29.0,      29.0,      0.0);
( 406825.9, 3747887.7,      29.0,      29.0,      0.0);      ( 406817.5,
3747884.2,      29.0,      29.0,      0.0);
( 406809.1, 3747880.7,      29.0,      29.0,      0.0);      ( 406800.7,
3747877.2,      29.0,      29.0,      0.0);
( 406788.8, 3747865.3,      29.0,      29.0,      0.0);      ( 406785.3,
3747856.9,      29.0,      29.0,      0.0);
( 406781.8, 3747848.5,      29.0,      29.0,      0.0);      ( 406778.4,
3747840.1,      29.0,      29.0,      0.0);
( 406774.9, 3747831.7,      29.0,      29.0,      0.0);      ( 406771.4,
3747823.3,      29.0,      29.0,      0.0);
( 406767.9, 3747814.9,      29.0,      29.0,      0.0);      ( 406859.5,
3747901.6,      29.0,      29.0,      0.0);
( 406869.0, 3747901.6,      29.0,      29.0,      0.0);      ( 406878.5,
3747901.5,      29.0,      29.0,      0.0);
( 406888.0, 3747901.5,      29.0,      29.0,      0.0);      ( 406897.5,
3747901.5,      29.0,      29.0,      0.0);
( 406907.0, 3747901.5,      29.0,      29.0,      0.0);      ( 406916.5,
3747901.5,      29.0,      29.0,      0.0);
( 406926.0, 3747901.5,      29.0,      29.0,      0.0);      ( 406935.4,
3747901.5,      29.0,      29.0,      0.0);
( 406944.9, 3747901.5,      29.0,      29.0,      0.0);      ( 406954.4,
3747901.5,      29.0,      29.0,      0.0);
( 406963.9, 3747901.5,      29.0,      29.0,      0.0);      ( 406973.4,
3747901.5,      29.0,      29.0,      0.0);

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*** AERMOT - VERSION 22112 ***
GP\14635 Cons 06/27/23
*** AERMET - VERSION 16216 ***
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*** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
16:20:29

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

[illegible]

[illegible]

First hour of profile data

F indicates top of profile (=1) or below (=0)

*** AERMET - VERSION 16216 ***

* * *

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

* *

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
407006.74	3747806.43	0.00631	407006.75	
3747796.96	0.00696			
407006.76	3747787.48	0.00762	407006.77	
3747778.01	0.00825			
407006.77	3747768.53	0.00881	407006.78	
3747759.05	0.00920			
407006.79	3747749.58	0.00935	407006.80	
3747740.10	0.00917			
407006.81	3747730.63	0.00864	407006.82	
3747721.15	0.00776			
407006.83	3747711.67	0.00669	407006.84	
3747702.20	0.00562			
407006.84	3747692.72	0.00471	407006.85	
3747683.25	0.00396			

407006.86	3747673.77	0.00335	407006.87
3747664.29	0.00283		
407011.74	3747806.44	0.00585	407011.75
3747796.96	0.00639		
407011.76	3747787.49	0.00693	407011.77
3747778.01	0.00742		
407011.77	3747768.54	0.00783	407011.78
3747759.06	0.00810		
407011.79	3747749.58	0.00815	407011.80
3747740.11	0.00796		
407011.81	3747730.63	0.00749	407011.82
3747721.16	0.00678		
407011.83	3747711.68	0.00591	407011.84
3747702.20	0.00504		
407011.84	3747692.73	0.00427	407011.85
3747683.25	0.00362		
407011.86	3747673.78	0.00309	407011.87
3747664.30	0.00263		
407014.54	3747811.74	0.00534	407007.05
3747819.23	0.00546		
407016.74	3747806.44	0.00543	407016.75
3747796.97	0.00587		
407016.76	3747787.49	0.00630	407016.77
3747778.02	0.00668		
407016.77	3747768.54	0.00698	407016.78
3747759.06	0.00715		
407016.79	3747749.59	0.00714	407016.80
3747740.11	0.00694		
407016.81	3747730.64	0.00653	407016.82
3747721.16	0.00593		
407016.83	3747711.68	0.00523	407016.84
3747702.21	0.00451		
407016.84	3747692.73	0.00387	407016.85
3747683.26	0.00332		
407016.86	3747673.78	0.00285	407016.87
3747664.30	0.00245		
407018.81	3747813.51	0.00495	407008.82
3747823.50	0.00511		
407021.74	3747806.45	0.00502	407021.75
3747796.97	0.00539		
407021.76	3747787.50	0.00573	407021.77
3747778.02	0.00602		
407021.77	3747768.54	0.00623	407021.78
3747759.07	0.00633		
407021.79	3747749.59	0.00628	407021.80
3747740.12	0.00608		
407021.81	3747730.64	0.00571	407021.82
3747721.16	0.00522		
407021.83	3747711.69	0.00464	407021.84
3747702.21	0.00405		
407021.84	3747692.74	0.00351	407021.85
3747683.26	0.00304		
407021.86	3747673.78	0.00264	407021.87
3747664.31	0.00229		
407024.30	3747812.34	0.00462	407021.86
3747818.22	0.00456		
407013.53	3747826.55	0.00468	407007.65
3747828.99	0.00487		
407026.74	3747806.45	0.00465	407026.75
3747796.98	0.00495		
407026.76	3747787.50	0.00521	407026.77
3747778.02	0.00543		
407026.77	3747768.55	0.00558	407026.78
3747759.07	0.00562		
407026.79	3747749.60	0.00555	407026.80
3747740.12	0.00535		

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				
407026.81	3747730.64	0.00503		407026.82	
3747721.17	0.00461				
407026.83	3747711.69	0.00413		407026.84	
3747702.22	0.00365				
407026.84	3747692.74	0.00319		407026.85	
3747683.26	0.00279				
407026.86	3747673.79	0.00244		407026.87	
3747664.31	0.00213				
407028.81	3747813.52	0.00429		407025.88	
3747820.58	0.00424				
407015.89	3747830.57	0.00438		407008.83	
3747833.50	0.00458				
407031.74	3747806.46	0.00430		407031.75	
3747796.98	0.00454				
407031.76	3747787.51	0.00475		407031.77	
3747778.03	0.00491				
407031.77	3747768.55	0.00500		407031.78	
3747759.08	0.00501				
407031.79	3747749.60	0.00492		407031.80	
3747740.13	0.00473				
407031.81	3747730.65	0.00445		407031.82	
3747721.17	0.00409				
407031.83	3747711.70	0.00370		407031.84	
3747702.22	0.00329				
407031.84	3747692.75	0.00291		407031.85	
3747683.27	0.00257				
407031.86	3747673.79	0.00226		407031.87	
3747664.32	0.00199				
407033.32	3747814.70	0.00399		407029.91	
3747822.94	0.00394				
407018.25	3747834.60	0.00410		407010.01	
3747838.01	0.00431				
407036.74	3747806.46	0.00398		407036.75	
3747796.99	0.00417				
407036.76	3747787.51	0.00433		407036.77	
3747778.03	0.00444				
407036.77	3747768.56	0.00450		407036.78	
3747759.08	0.00448				
407036.79	3747749.61	0.00438		407036.80	
3747740.13	0.00420				
407036.81	3747730.65	0.00395		407036.82	
3747721.18	0.00365				
407036.83	3747711.70	0.00332		407036.84	
3747702.23	0.00298				
407036.84	3747692.75	0.00266		407036.85	

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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      16:20:29

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
407046.77	3747768.57	0.00367	407046.78	
3747759.09	0.00362			
407046.79	3747749.62	0.00352	407046.80	
3747740.14	0.00337			
407046.81	3747730.66	0.00318	407046.82	
3747721.19	0.00295			
407046.83	3747711.71	0.00271	407046.84	
3747702.24	0.00247			
407046.84	3747692.76	0.00224	407046.85	
3747683.28	0.00202			

407046.86	3747673.81	0.00182	407046.87
3747664.33	0.00163		
407048.81	3747813.54	0.00321	407045.88
3747820.60	0.00323		
407042.95	3747827.66	0.00323	407040.03
3747834.72	0.00320		
407030.04	3747844.71	0.00332	407022.97
3747847.64	0.00347		
407015.91	3747850.57	0.00359	407008.85
3747853.50	0.00369		
407051.74	3747806.48	0.00315	407051.75
3747797.00	0.00325		
407051.76	3747787.52	0.00331	407051.77
3747778.05	0.00334		
407051.77	3747768.57	0.00333	407051.78
3747759.10	0.00327		
407051.79	3747749.62	0.00318	407051.80
3747740.14	0.00304		
407051.81	3747730.67	0.00287	407051.82
3747721.19	0.00267		
407051.83	3747711.72	0.00247	407051.84
3747702.24	0.00226		
407051.84	3747692.76	0.00206	407051.85
3747683.29	0.00187		
407051.86	3747673.81	0.00169	407051.87
3747664.34	0.00153		
407053.52	3747814.25	0.00298	407050.30
3747822.02	0.00302		
407047.08	3747829.78	0.00302	407043.85
3747837.55	0.00300		
407032.86	3747848.54	0.00312	407025.10
3747851.76	0.00327		
407017.33	3747854.99	0.00340	407009.56
3747858.21	0.00349		
407056.74	3747806.48	0.00292	407056.75
3747797.00	0.00299		
407056.76	3747787.53	0.00304	407056.77
3747778.05	0.00305		
407056.77	3747768.58	0.00303	407056.78
3747759.10	0.00297		
407056.79	3747749.62	0.00288	407056.80
3747740.15	0.00275		
407056.81	3747730.67	0.00260	407056.82
3747721.20	0.00243		
407056.83	3747711.72	0.00226	407056.84
3747702.24	0.00208		
407056.84	3747692.77	0.00191	407056.85
3747683.29	0.00174		
407056.86	3747673.82	0.00158	407056.87
3747664.34	0.00144		
407058.23	3747814.96	0.00278	407054.71
3747823.43	0.00283		
407051.20	3747831.91	0.00284	407047.68
3747840.38	0.00282		
407035.69	3747852.37	0.00295	407027.22
3747855.88	0.00310		
407018.75	3747859.40	0.00322	407010.27
3747862.91	0.00330		
407061.74	3747806.48	0.00271	407061.75
3747797.01	0.00276		
407061.76	3747787.53	0.00279	407061.77
3747778.06	0.00279		
407061.77	3747768.58	0.00276	407061.78
3747759.10	0.00270		
407061.79	3747749.63	0.00261	407061.80
3747740.15	0.00250		

407061.81	3747730.68	0.00237	407061.82
3747721.20	0.00222		
407061.83	3747711.72	0.00207	407061.84
3747702.25	0.00192		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
407061.84	3747692.77	0.00176	407061.85	
3747683.30	0.00162			
407061.86	3747673.82	0.00148	407061.87	
3747664.34	0.00135			
407063.57	3747814.14	0.00258	407060.39	
3747821.79	0.00263			
407057.22	3747829.44	0.00266	407054.05	
3747837.09	0.00267			
407050.88	3747844.74	0.00265	407040.05	
3747855.56	0.00276			
407032.40	3747858.74	0.00289	407024.75	
3747861.91	0.00300			
407017.10	3747865.08	0.00308	407009.45	
3747868.26	0.00314			
407066.74	3747806.49	0.00251	407066.75	
3747797.01	0.00255			
407066.76	3747787.54	0.00257	407066.77	
3747778.06	0.00256			
407066.77	3747768.59	0.00253	407066.78	
3747759.11	0.00247			
407066.79	3747749.63	0.00239	407066.80	
3747740.16	0.00228			
407066.81	3747730.68	0.00217	407066.82	
3747721.21	0.00204			
407066.83	3747711.73	0.00190	407066.84	
3747702.25	0.00177			
407066.84	3747692.78	0.00164	407066.85	
3747683.30	0.00151			
407066.86	3747673.83	0.00139	407066.87	
3747664.35	0.00127			
407068.32	3747814.73	0.00241	407064.91	
3747822.97	0.00247			
407061.49	3747831.21	0.00250	407058.07	
3747839.45	0.00251			
407054.66	3747847.69	0.00250	407043.00	
3747859.34	0.00261			
407034.76	3747862.76	0.00274	407026.52	
3747866.18	0.00285			
407018.29	3747869.60	0.00293	407010.05	
3747873.01	0.00297			
407071.74	3747806.49	0.00233	407071.75	


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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***          06/27/23
*** AERMET - VERSION 16216 ***
***                                     ***

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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  URBAN  ADJ  U*
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

407076.84	3747692.79	0.00142	407076.85
3747683.31	0.00132		
407076.86	3747673.83	0.00123	407076.87
3747664.36	0.00113		
407078.39	3747814.57	0.00209	407075.05
3747822.64	0.00216		

407071.70	3747830.71	0.00220	407068.35
3747838.79	0.00223		
407065.00	3747846.86	0.00224	407061.66
3747854.93	0.00223		
407050.24	3747866.34	0.00233	407042.17
3747869.69	0.00244		
407026.03	3747876.39	0.00261	407017.96
3747879.73	0.00266		
407009.89	3747883.08	0.00268	407081.74
3747806.50	0.00202		
407081.75	3747797.03	0.00203	407081.76
3747787.55	0.00202		
407081.77	3747778.08	0.00200	407081.77
3747768.60	0.00196		
407081.78	3747759.12	0.00191	407081.79
3747749.65	0.00185		
407081.80	3747740.17	0.00177	407081.81
3747730.70	0.00169		
407081.82	3747721.22	0.00160	407081.83
3747711.74	0.00151		
407081.84	3747702.27	0.00142	407081.84
3747692.79	0.00133		
407081.85	3747683.32	0.00124	407081.86
3747673.84	0.00116		
407081.87	3747664.36	0.00107	407083.18
3747815.08	0.00196		
407079.63	3747823.66	0.00202	407076.07
3747832.23	0.00207		
407072.51	3747840.81	0.00210	407068.96
3747849.38	0.00212		
407065.40	3747857.96	0.00211	407053.27
3747870.09	0.00221		
407044.70	3747873.65	0.00232	407036.12
3747877.20	0.00242		
407027.55	3747880.76	0.00249	407018.97
3747884.32	0.00253		
407010.40	3747887.87	0.00255	407086.74
3747806.51	0.00188		
407086.75	3747797.03	0.00188	407086.76
3747787.56	0.00187		
407086.77	3747778.08	0.00185	407086.77
3747768.60	0.00181		
407086.78	3747759.13	0.00177	407086.79
3747749.65	0.00171		
407086.80	3747740.18	0.00164	407086.81
3747730.70	0.00157		
407086.82	3747721.22	0.00149	407086.83
3747711.75	0.00141		
407086.84	3747702.27	0.00133	407086.84
3747692.80	0.00125		
407086.85	3747683.32	0.00117	407086.86
3747673.84	0.00109		
407086.87	3747664.37	0.00101	407088.45
3747814.46	0.00182		
407085.15	3747822.40	0.00189	407081.86
3747830.35	0.00194		
407078.56	3747838.29	0.00197	407075.27
3747846.23	0.00200		
407071.97	3747854.18	0.00201	407068.68
3747862.12	0.00200		
407057.44	3747873.36	0.00209	407049.49
3747876.66	0.00219		
407041.55	3747879.95	0.00227	407033.61
3747883.25	0.00234		
407025.66	3747886.54	0.00239	407017.72
3747889.84	0.00242		

407009.77	3747893.13	0.00242	407091.74
3747806.51	0.00175		
407091.75	3747797.04	0.00175	407091.76
3747787.56	0.00174		
407091.77	3747778.08	0.00171	407091.77
3747768.61	0.00168		
407091.78	3747759.13	0.00163	407091.79
3747749.66	0.00158		

*** AERMOD - VERSION 22112 ***
 C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
				**	
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				
407091.80	3747740.18	0.00152		407091.81	
3747730.70	0.00146				
407091.82	3747721.23	0.00139		407091.83	
3747711.75	0.00132				
407091.84	3747702.28	0.00124		407091.84	
3747692.80	0.00117				
407091.85	3747683.32	0.00110		407091.86	
3747673.85	0.00103				
407091.87	3747664.37	0.00096		407093.26	
3747814.90	0.00171				
407089.78	3747823.29	0.00177		407086.31	
3747831.67	0.00183				
407082.83	3747840.06	0.00186		407079.35	
3747848.45	0.00189				
407075.87	3747856.83	0.00190		407072.40	
3747865.22	0.00190				
407060.53	3747877.08	0.00199		407052.15	
3747880.56	0.00209				
407043.76	3747884.04	0.00217		407035.38	
3747887.52	0.00223				
407026.99	3747890.99	0.00228		407018.60	
3747894.47	0.00230				
407010.22	3747897.95	0.00231		407096.74	
3747806.52	0.00164				
407096.75	3747797.04	0.00163		407096.76	
3747787.56	0.00162				
407096.77	3747778.09	0.00159		407096.77	
3747768.61	0.00156				
407096.78	3747759.14	0.00152		407096.79	
3747749.66	0.00147				
407096.80	3747740.18	0.00141		407096.81	
3747730.71	0.00136				
407096.82	3747721.23	0.00129		407096.83	
3747711.76	0.00123				
407096.84	3747702.28	0.00117		407096.84	
3747692.80	0.00110				
407096.85	3747683.33	0.00104		407096.86	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      16:20:29

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406916.51	3747659.21	0.00485	406907.02	
3747659.20	0.00455			

406897.54	3747659.19	0.00416	406888.05
3747659.18	0.00372		
406878.57	3747659.17	0.00328	406869.08
3747659.16	0.00287		
406859.59	3747659.15	0.00250	407001.88
3747654.29	0.00252		
406992.39	3747654.28	0.00283	406982.91
3747654.27	0.00316		
406973.42	3747654.26	0.00350	406963.94
3747654.25	0.00381		
406954.45	3747654.24	0.00408	406944.97
3747654.23	0.00426		
406935.48	3747654.22	0.00434	406926.00
3747654.22	0.00431		
406916.51	3747654.21	0.00418	406907.03
3747654.20	0.00395		
406897.54	3747654.19	0.00364	406888.06
3747654.18	0.00329		
406878.57	3747654.17	0.00294	406869.09
3747654.16	0.00260		
406859.60	3747654.15	0.00229	407007.19
3747651.49	0.00225		
407014.68	3747659.00	0.00232	407001.88
3747649.29	0.00230		
406992.40	3747649.28	0.00256	406982.91
3747649.27	0.00283		
406973.43	3747649.26	0.00311	406963.94
3747649.25	0.00336		
406954.46	3747649.24	0.00356	406944.97
3747649.23	0.00370		
406935.49	3747649.22	0.00376	406926.00
3747649.22	0.00374		
406916.52	3747649.21	0.00363	406907.03
3747649.20	0.00345		
406897.55	3747649.19	0.00320	406888.06
3747649.18	0.00292		
406878.58	3747649.17	0.00263	406869.09
3747649.16	0.00235		
406859.60	3747649.15	0.00209	407008.96
3747647.23	0.00205		
407018.95	3747657.23	0.00213	407001.89
3747644.29	0.00210		
406992.40	3747644.28	0.00232	406982.92
3747644.27	0.00255		
406973.43	3747644.26	0.00277	406963.95
3747644.25	0.00297		
406954.46	3747644.24	0.00313	406944.98
3747644.23	0.00324		
406935.49	3747644.22	0.00328	406926.01
3747644.22	0.00326		
406916.52	3747644.21	0.00318	406907.04
3747644.20	0.00303		
406897.55	3747644.19	0.00283	406888.07
3747644.18	0.00260		
406878.58	3747644.17	0.00237	406869.10
3747644.16	0.00213		
406859.61	3747644.15	0.00191	407007.78
3747641.74	0.00189		
407013.67	3747644.18	0.00185	407022.00
3747652.52	0.00191		
407024.43	3747658.42	0.00202	407001.89
3747639.29	0.00192		
406992.41	3747639.28	0.00211	406982.92
3747639.27	0.00229		
406973.44	3747639.26	0.00247	406963.95
3747639.25	0.00263		

406954.47	3747639.24	0.00276	406944.98
3747639.23	0.00285		
406935.50	3747639.22	0.00288	406926.01
3747639.22	0.00287		
406916.53	3747639.21	0.00279	406907.04
3747639.20	0.00267		
406897.56	3747639.19	0.00251	406888.07
3747639.18	0.00233		
406878.59	3747639.17	0.00213	406869.10
3747639.16	0.00194		
406859.61	3747639.15	0.00175	407008.97
3747637.23	0.00173		

*** AERMOD - VERSION 22112 ***
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
				**	
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				
407016.04	3747640.16	0.00169		407026.03	
3747650.17	0.00176				
407028.95	3747657.24	0.00188		407001.90	
3747634.29	0.00176				
406992.41	3747634.28	0.00192		406982.93	
3747634.27	0.00207				
406973.44	3747634.26	0.00222		406963.96	
3747634.25	0.00235				
406954.47	3747634.24	0.00245		406944.99	
3747634.23	0.00252				
406935.50	3747634.22	0.00255		406926.02	
3747634.22	0.00253				
406916.53	3747634.21	0.00247		406907.05	
3747634.20	0.00237				
406897.56	3747634.19	0.00224		406888.08	
3747634.18	0.00209				
406878.59	3747634.17	0.00193		406869.10	
3747634.16	0.00176				
406859.62	3747634.15	0.00160		407010.15	
3747632.71	0.00159				
407018.40	3747636.14	0.00155		407030.05	
3747647.82	0.00162				
407033.46	3747656.07	0.00175		407001.90	
3747629.29	0.00162				
406992.42	3747629.28	0.00175		406982.93	
3747629.27	0.00188				
406973.45	3747629.26	0.00200		406963.96	
3747629.25	0.00210				
406954.48	3747629.24	0.00219		406944.99	
3747629.23	0.00224				
406935.51	3747629.22	0.00226		406926.02	
3747629.22	0.00225				
406916.54	3747629.21	0.00220		406907.05	

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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      16.20.29

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

406878.60	3747619.17	0.00145	406869.12
3747619.16	0.00135		
406859.63	3747619.15	0.00125	407008.99
3747617.23	0.00126		
407016.06	3747620.16	0.00124	407023.12
3747623.10	0.00123		
407030.19	3747626.03	0.00120	407040.18
3747636.04	0.00125		
407043.10	3747643.12	0.00132	407046.03
3747650.19	0.00140		
407048.95	3747657.26	0.00146	407001.92
3747614.29	0.00126		
406992.43	3747614.28	0.00134	406982.95
3747614.27	0.00142		
406973.46	3747614.26	0.00149	406963.98
3747614.25	0.00155		
406954.49	3747614.24	0.00160	406945.01
3747614.23	0.00163		
406935.52	3747614.22	0.00164	406926.04
3747614.22	0.00163		
406916.55	3747614.21	0.00160	406907.07
3747614.20	0.00155		
406897.58	3747614.19	0.00148	406888.10
3747614.18	0.00141		
406878.61	3747614.17	0.00133	406869.12
3747614.16	0.00124		
406859.64	3747614.15	0.00115	407009.70
3747612.52	0.00116		
407017.47	3747615.75	0.00115	407025.25
3747618.98	0.00114		
407033.02	3747622.21	0.00111	407044.01
3747633.22	0.00116		
407047.23	3747641.00	0.00123	407050.44
3747648.78	0.00131		
407053.66	3747656.56	0.00137	407001.92
3747609.29	0.00117		
406992.44	3747609.28	0.00124	406982.95
3747609.27	0.00130		
406973.47	3747609.26	0.00136	406963.98
3747609.25	0.00141		
406954.50	3747609.24	0.00145	406945.01
3747609.23	0.00147		
406935.53	3747609.22	0.00148	406926.04
3747609.22	0.00147		
406916.56	3747609.21	0.00145	406907.07
3747609.20	0.00141		
406897.59	3747609.19	0.00135	406888.10
3747609.18	0.00129		
406878.61	3747609.17	0.00122	406869.13
3747609.16	0.00114		
406859.64	3747609.15	0.00107	407010.41
3747607.81	0.00108		
407018.89	3747611.34	0.00107	407027.37
3747614.86	0.00106		
407035.86	3747618.38	0.00103	407047.84
3747630.39	0.00108		
407051.35	3747638.88	0.00115	407054.86
3747647.37	0.00122		
407058.36	3747655.86	0.00129	407001.93
3747604.29	0.00108		
406992.44	3747604.28	0.00114	406982.96
3747604.27	0.00120		
406973.47	3747604.26	0.00125	406963.99
3747604.25	0.00129		

406954.50	3747604.24	0.00132	406945.02
3747604.23	0.00134		
406935.53	3747604.22	0.00135	406926.05
3747604.22	0.00134		
406916.56	3747604.21	0.00132	406907.08
3747604.20	0.00128		
406897.59	3747604.19	0.00124	406888.11
3747604.18	0.00118		
406878.62	3747604.17	0.00112	406869.13
3747604.16	0.00105		
406859.65	3747604.15	0.00099	407009.59
3747602.47	0.00100		
407017.25	3747605.65	0.00100	407024.90
3747608.83	0.00099		
407032.56	3747612.01	0.00098	407040.22
3747615.19	0.00096		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M) Y-COORD (M)		CONC	X-COORD (M) Y-COORD
(M)	CONC		
407051.04	3747626.03	0.00100	407054.21
3747633.70	0.00106		
407057.37	3747641.36	0.00112	407060.54
3747649.02	0.00117		
407063.70	3747656.69	0.00122	407001.93
3747599.29	0.00100		
406992.45	3747599.28	0.00105	406982.96
3747599.27	0.00110		
406973.48	3747599.26	0.00114	406963.99
3747599.25	0.00118		
406954.51	3747599.24	0.00121	406945.02
3747599.23	0.00122		
406935.54	3747599.22	0.00123	406926.05
3747599.22	0.00122		
406916.57	3747599.21	0.00120	406907.08
3747599.20	0.00117		
406897.60	3747599.19	0.00113	406888.11
3747599.18	0.00109		
406878.62	3747599.17	0.00103	406869.14
3747599.16	0.00098		
406859.65	3747599.15	0.00092	407010.18
3747597.71	0.00093		
407018.43	3747601.14	0.00093	407026.68
3747604.56	0.00092		
407034.92	3747607.99	0.00091	407043.17
3747611.41	0.00089		
407054.82	3747623.09	0.00093	407058.23
3747631.34	0.00099		
407061.64	3747639.60	0.00105	407065.05

3747647.85	0.00110		
407068.46	3747656.10	0.00115	407001.94
3747594.29	0.00093		
406992.45	3747594.28	0.00097	406982.97
3747594.27	0.00102		
406973.48	3747594.26	0.00105	406964.00
3747594.25	0.00108		
406954.51	3747594.24	0.00111	406945.03
3747594.23	0.00112		
406935.54	3747594.22	0.00112	406926.06
3747594.22	0.00112		
406916.57	3747594.21	0.00110	406907.09
3747594.20	0.00108		
406897.60	3747594.19	0.00104	406888.11
3747594.18	0.00100		
406878.63	3747594.17	0.00095	406869.14
3747594.16	0.00091		
406859.66	3747594.15	0.00085	407009.52
3747592.44	0.00087		
407017.09	3747595.58	0.00087	407024.66
3747598.73	0.00087		
407032.23	3747601.87	0.00086	407039.81
3747605.02	0.00085		
407047.38	3747608.16	0.00083	407058.08
3747618.89	0.00087		
407061.22	3747626.46	0.00092	407064.35
3747634.04	0.00096		
407067.48	3747641.62	0.00101	407070.61
3747649.20	0.00106		
407073.74	3747656.78	0.00110	407001.94
3747589.29	0.00087		
406992.46	3747589.28	0.00090	406982.97
3747589.27	0.00094		
406973.49	3747589.26	0.00097	406964.00
3747589.25	0.00100		
406954.52	3747589.24	0.00102	406945.03
3747589.23	0.00103		
406935.55	3747589.22	0.00103	406926.06
3747589.22	0.00103		
406916.58	3747589.21	0.00101	406907.09
3747589.20	0.00099		
406897.61	3747589.19	0.00096	406888.12
3747589.18	0.00092		
406878.63	3747589.17	0.00088	406869.15
3747589.16	0.00084		
406859.66	3747589.15	0.00080	407010.03
3747587.65	0.00081		
407018.10	3747591.00	0.00081	407026.18
3747594.36	0.00081		
407042.34	3747601.07	0.00079	407050.41
3747604.42	0.00078		

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 16:20:29

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** 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				

407061.83	3747615.86	0.00081	407065.17		
3747623.94	0.00086				
407068.51	3747632.03	0.00091	407071.85		
3747640.11	0.00095				
407075.19	3747648.20	0.00100	407078.53		
3747656.28	0.00104				
407001.95	3747584.29	0.00081	406992.46		
3747584.28	0.00084				
406982.98	3747584.27	0.00087	406973.49		
3747584.26	0.00090				
406964.01	3747584.25	0.00092	406954.52		
3747584.24	0.00094				
406945.04	3747584.23	0.00095	406935.55		
3747584.22	0.00095				
406926.07	3747584.22	0.00095	406916.58		
3747584.21	0.00093				
406907.10	3747584.20	0.00091	406897.61		
3747584.19	0.00089				
406888.12	3747584.18	0.00086	406878.64		
3747584.17	0.00082				
406869.15	3747584.16	0.00078	406859.67		
3747584.15	0.00074				
407010.54	3747582.85	0.00076	407019.12		
3747586.42	0.00076				
407027.70	3747589.98	0.00076	407036.28		
3747593.55	0.00075				
407044.87	3747597.11	0.00074	407053.45		
3747600.68	0.00073				
407065.58	3747612.83	0.00076	407069.13		
3747621.42	0.00081				
407072.68	3747630.01	0.00086	407076.22		
3747638.60	0.00090				
407079.77	3747647.19	0.00094	407083.32		
3747655.78	0.00098				
407001.95	3747579.29	0.00075	406992.47		
3747579.28	0.00078				
406982.98	3747579.27	0.00081	406973.50		
3747579.26	0.00083				
406964.01	3747579.25	0.00085	406954.53		
3747579.24	0.00087				
406945.04	3747579.23	0.00088	406935.56		
3747579.22	0.00088				
406926.07	3747579.22	0.00087	406916.59		
3747579.21	0.00086				
406907.10	3747579.20	0.00084	406897.61		
3747579.19	0.00082				
406888.13	3747579.18	0.00079	406878.64		
3747579.17	0.00076				
406869.16	3747579.16	0.00073	406859.67		
3747579.15	0.00069				
407009.91	3747577.59	0.00071	407017.86		
3747580.90	0.00071				
407025.81	3747584.20	0.00071	407033.76		
3747587.50	0.00071				
407041.72	3747590.80	0.00070	407049.67		
3747594.11	0.00070				
407057.62	3747597.41	0.00069	407068.86		
3747608.67	0.00071				
407072.14	3747616.63	0.00075	407075.43		
3747624.58	0.00079				

407078.72	3747632.54	0.00083	407082.01
3747640.50	0.00087		
407085.29	3747648.46	0.00090	407088.58
3747656.41	0.00093		
407001.96	3747574.29	0.00070	406992.47
3747574.28	0.00073		
406982.99	3747574.27	0.00075	406973.50
3747574.26	0.00078		
406964.02	3747574.25	0.00079	406954.53
3747574.24	0.00080		
406945.05	3747574.23	0.00081	406935.56
3747574.22	0.00081		
406926.08	3747574.22	0.00081	406916.59
3747574.21	0.00080		
406907.11	3747574.20	0.00078	406897.62
3747574.19	0.00076		
406888.13	3747574.18	0.00074	406878.65
3747574.17	0.00071		
406869.16	3747574.16	0.00068	406859.68
3747574.15	0.00065		

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***      06/27/23
*** AERMET - VERSION 16216 ***
***                                     ***      16:20:29

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC				
407010.36	3747572.78	0.00067	407018.75		
3747576.26	0.00067				
407027.14	3747579.75	0.00067	407035.54		
3747583.23	0.00067				
407043.93	3747586.72	0.00066	407052.32		
3747590.21	0.00066				
407060.72	3747593.69	0.00064	407072.58		
3747605.58	0.00067				
407076.05	3747613.98	0.00071	407079.52		
3747622.38	0.00075				
407082.99	3747630.78	0.00079	407086.46		
3747639.18	0.00082				
407089.93	3747647.58	0.00086	407093.40		
3747655.98	0.00088				
407001.96	3747569.29	0.00066	406992.48		
3747569.28	0.00068				
406982.99	3747569.27	0.00070	406973.51		
3747569.26	0.00072				
406964.02	3747569.25	0.00074	406954.54		
3747569.24	0.00075				
406945.05	3747569.23	0.00075	406935.57		
3747569.22	0.00075				
406926.08	3747569.22	0.00075	406916.60		
3747569.21	0.00074				
406907.11	3747569.20	0.00073	406897.62		

3747569.19	0.00071		
406888.14	3747569.18	0.00069	406878.65
3747569.17	0.00066		
406869.17	3747569.16	0.00064	406859.68
3747569.15	0.00061		
407009.82	3747567.55	0.00063	407017.67
3747570.81	0.00063		
407025.53	3747574.08	0.00063	407033.38
3747577.34	0.00063		
407041.23	3747580.60	0.00063	407049.09
3747583.86	0.00062		
407056.94	3747587.12	0.00062	407064.79
3747590.38	0.00061		
407075.89	3747601.51	0.00063	407079.14
3747609.37	0.00066		
407082.39	3747617.22	0.00070	407085.64
3747625.08	0.00073		
407088.88	3747632.94	0.00076	407092.13
3747640.80	0.00079		
407095.38	3747648.66	0.00082	407098.62
3747656.52	0.00084		
407001.97	3747564.29	0.00062	406992.48
3747564.28	0.00064		
406983.00	3747564.27	0.00066	406973.51
3747564.26	0.00067		
406964.03	3747564.25	0.00069	406954.54
3747564.24	0.00070		
406945.06	3747564.23	0.00070	406935.57
3747564.22	0.00070		
406926.09	3747564.22	0.00070	406916.60
3747564.21	0.00069		
406907.12	3747564.20	0.00068	406897.63
3747564.19	0.00066		
406888.14	3747564.18	0.00064	406878.66
3747564.17	0.00062		
406869.17	3747564.16	0.00060	406859.69
3747564.15	0.00057		
406854.59	3747664.15	0.00254	406854.58
3747673.64	0.00297		
406854.57	3747683.13	0.00347	406854.56
3747692.63	0.00399		
406854.55	3747702.12	0.00452	406854.54
3747711.62	0.00502		
406854.53	3747721.11	0.00540	406854.52
3747730.61	0.00564		
406854.52	3747740.10	0.00569	406854.51
3747749.60	0.00557		
406854.50	3747759.09	0.00530	406854.49
3747768.59	0.00492		
406854.48	3747778.08	0.00449	406854.47
3747787.58	0.00405		
406854.46	3747797.07	0.00361	406854.45
3747806.57	0.00318		
406849.59	3747664.14	0.00235	406849.58
3747673.63	0.00273		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
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 *** *** 16:20:29

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN			**
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD	
(M)	CONC					
406849.57	3747683.13	0.00314		406849.56		
3747692.62	0.00358					
406849.55	3747702.12	0.00402		406849.54		
3747711.61	0.00441					
406849.53	3747721.11	0.00472		406849.52		
3747730.60	0.00491					
406849.52	3747740.10	0.00495		406849.51		
3747749.59	0.00486					
406849.50	3747759.09	0.00464		406849.49		
3747768.58	0.00433					
406849.48	3747778.08	0.00397		406849.47		
3747787.57	0.00359					
406849.46	3747797.07	0.00322		406849.45		
3747806.56	0.00286					
406846.79	3747658.83	0.00207		406854.30		
3747651.34	0.00203					
406844.59	3747664.14	0.00217		406844.58		
3747673.63	0.00250					
406844.57	3747683.12	0.00286		406844.56		
3747692.62	0.00322					
406844.55	3747702.11	0.00358		406844.54		
3747711.61	0.00391					
406844.53	3747721.10	0.00415		406844.52		
3747730.60	0.00430					
406844.52	3747740.09	0.00434		406844.51		
3747749.59	0.00426					
406844.50	3747759.08	0.00408		406844.49		
3747768.58	0.00383					
406844.48	3747778.07	0.00353		406844.47		
3747787.57	0.00321					
406844.46	3747797.06	0.00289		406844.45		
3747806.56	0.00258					
406842.53	3747657.06	0.00190		406852.54		
3747647.07	0.00185					
406839.59	3747664.13	0.00201		406839.58		
3747673.63	0.00230					
406839.57	3747683.12	0.00260		406839.56		
3747692.61	0.00291					
406839.55	3747702.11	0.00321		406839.54		
3747711.60	0.00347					
406839.53	3747721.10	0.00368		406839.52		
3747730.59	0.00380					
406839.52	3747740.09	0.00383		406839.51		
3747749.58	0.00377					
406839.50	3747759.08	0.00362		406839.49		
3747768.57	0.00341					
406839.48	3747778.07	0.00316		406839.47		
3747787.56	0.00289					
406839.46	3747797.06	0.00261		406839.45		
3747806.55	0.00235					
406837.04	3747658.24	0.00179		406839.48		
3747652.35	0.00170					
406847.82	3747644.02	0.00166		406853.72		
3747641.58	0.00171					
406834.59	3747664.13	0.00187		406834.58		
3747673.62	0.00212					

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      16:20:29

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406829.53	3747721.09	0.00293	406829.52	
3747730.58	0.00301			
406829.52	3747740.08	0.00303	406829.51	
3747749.57	0.00299			
406829.50	3747759.07	0.00289	406829.49	
3747768.56	0.00274			
406829.48	3747778.06	0.00256	406829.47	
3747787.55	0.00237			
406829.46	3747797.05	0.00216	406829.45	
3747806.54	0.00196			
406828.02	3747655.87	0.00153	406831.44	
3747647.62	0.00143			
406843.12	3747635.97	0.00139	406851.37	
3747632.56	0.00144			
406824.59	3747664.12	0.00162	406824.58	
3747673.61	0.00181			
406824.57	3747683.10	0.00200	406824.56	
3747692.60	0.00219			
406824.55	3747702.09	0.00237	406824.54	
3747711.59	0.00252			
406824.53	3747721.08	0.00264	406824.52	

3747730.58	0.00271		
406824.52	3747740.07	0.00272	406824.51
3747749.57	0.00269		
406824.50	3747759.06	0.00260	406824.49
3747768.56	0.00248		
406824.48	3747778.05	0.00233	406824.47
3747787.55	0.00216		
406824.46	3747797.04	0.00198	406824.45
3747806.54	0.00181		
406822.53	3747657.04	0.00144	406825.46
3747649.97	0.00137		
406828.40	3747642.91	0.00130	406838.41
3747632.92	0.00126		
406845.48	3747629.99	0.00130	406852.56
3747627.07	0.00133		
406819.59	3747664.11	0.00151	406819.58
3747673.61	0.00167		
406819.57	3747683.10	0.00184	406819.56
3747692.59	0.00201		
406819.55	3747702.09	0.00216	406819.54
3747711.58	0.00229		
406819.53	3747721.08	0.00239	406819.52
3747730.57	0.00244		
406819.52	3747740.07	0.00246	406819.51
3747749.56	0.00243		
406819.50	3747759.06	0.00235	406819.49
3747768.55	0.00225		
406819.48	3747778.05	0.00212	406819.47
3747787.54	0.00197		
406819.46	3747797.04	0.00182	406819.45
3747806.53	0.00167		
406817.89	3747656.15	0.00134	406821.20
3747648.20	0.00127		
406824.50	3747640.25	0.00120	406835.76
3747629.01	0.00116		
406843.72	3747625.72	0.00120	406851.68
3747622.44	0.00123		
406814.59	3747664.11	0.00141	406814.58
3747673.60	0.00155		
406814.57	3747683.10	0.00170	406814.56
3747692.59	0.00184		
406814.55	3747702.08	0.00197	406814.54
3747711.58	0.00208		
406814.53	3747721.07	0.00217	406814.52
3747730.57	0.00221		
406814.52	3747740.06	0.00223	406814.51
3747749.56	0.00220		
406814.50	3747759.05	0.00214	406814.49
3747768.55	0.00205		
406814.48	3747778.04	0.00194	406814.47
3747787.54	0.00181		
406814.46	3747797.03	0.00168	406814.45
3747806.53	0.00154		
406812.53	3747657.03	0.00127	406815.46
3747649.96	0.00121		
406818.40	3747642.90	0.00115	406821.33
3747635.83	0.00109		
406831.34	3747625.84	0.00106	406838.42
3747622.92	0.00109		

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

*** 16:20:29

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S) : VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M) Y-COORD (M)		** CONC OF DPM IN MICROGRAMS/M**3	Y-COORD
(M)	CONC		
406845.49	3747619.99	0.00112	406852.57
3747617.07	0.00114		
406809.59	3747664.10	0.00131	406809.58
3747673.60	0.00144		
406809.57	3747683.09	0.00157	406809.56
3747692.58	0.00170		
406809.55	3747702.08	0.00181	406809.54
3747711.57	0.00190		
406809.53	3747721.07	0.00197	406809.52
3747730.56	0.00202		
406809.52	3747740.06	0.00203	406809.51
3747749.55	0.00200		
406809.50	3747759.05	0.00195	406809.49
3747768.54	0.00187		
406809.48	3747778.04	0.00178	406809.47
3747787.53	0.00167		
406809.46	3747797.03	0.00155	406809.45
3747806.52	0.00143		
406807.82	3747656.32	0.00118	406811.05
3747648.55	0.00113		
406814.28	3747640.77	0.00107	406817.51
3747633.00	0.00101		
406828.52	3747622.01	0.00098	406836.30
3747618.79	0.00101		
406844.08	3747615.58	0.00104	406851.86
3747612.36	0.00105		
406804.59	3747664.10	0.00123	406804.58
3747673.59	0.00134		
406804.57	3747683.09	0.00146	406804.56
3747692.58	0.00157		
406804.55	3747702.07	0.00166	406804.54
3747711.57	0.00175		
406804.53	3747721.06	0.00181	406804.52
3747730.56	0.00184		
406804.52	3747740.05	0.00185	406804.51
3747749.55	0.00183		
406804.50	3747759.04	0.00179	406804.49
3747768.54	0.00172		
406804.48	3747778.03	0.00163	406804.47
3747787.53	0.00154		
406804.46	3747797.02	0.00144	406804.45
3747806.52	0.00133		
406803.11	3747655.61	0.00111	406806.64
3747647.13	0.00106		
406810.16	3747638.65	0.00100	406813.68
3747630.16	0.00094		
406825.69	3747618.18	0.00091	406834.18
3747614.67	0.00094		
406851.16	3747607.66	0.00098	406799.59
3747664.09	0.00115		
406799.58	3747673.59	0.00125	406799.57
3747683.08	0.00135		

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      16:20:29

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
406794.54	3747711.56	0.00148	406794.53	
3747721.05	0.00153			
406794.52	3747730.55	0.00155	406794.52	
3747740.04	0.00156			
406794.51	3747749.54	0.00155	406794.50	
3747759.03	0.00151			
406794.49	3747768.53	0.00146	406794.48	
3747778.02	0.00140			
406794.47	3747787.52	0.00132	406794.46	
3747797.01	0.00124			
406794.45	3747806.51	0.00116	406793.02	
3747655.83	0.00098			
406796.44	3747647.59	0.00094	406799.87	
3747639.34	0.00090			
406803.29	3747631.10	0.00085	406806.72	
3747622.85	0.00081			
406818.39	3747611.19	0.00078	406826.65	

3747607.79	0.00080		
406834.90	3747604.38	0.00082	406843.15
3747600.97	0.00084		
406851.41	3747597.56	0.00085	406789.59
3747664.08	0.00102		
406789.58	3747673.58	0.00110	406789.57
3747683.07	0.00118		
406789.56	3747692.57	0.00125	406789.55
3747702.06	0.00132		
406789.54	3747711.55	0.00137	406789.53
3747721.05	0.00141		
406789.52	3747730.54	0.00143	406789.52
3747740.04	0.00144		
406789.51	3747749.53	0.00143	406789.50
3747759.03	0.00140		
406789.49	3747768.52	0.00135	406789.48
3747778.02	0.00130		
406789.47	3747787.51	0.00123	406789.46
3747797.01	0.00116		
406789.45	3747806.50	0.00109	406787.74
3747656.50	0.00093		
406790.88	3747648.93	0.00090	406794.03
3747641.36	0.00086		
406797.17	3747633.78	0.00083	406800.32
3747626.21	0.00079		
406803.46	3747618.64	0.00075	406814.19
3747607.93	0.00073		
406821.77	3747604.80	0.00075	406829.35
3747601.67	0.00076		
406836.93	3747598.54	0.00078	406844.51
3747595.41	0.00079		
406852.08	3747592.28	0.00079	406784.59
3747664.08	0.00096		
406784.58	3747673.57	0.00103	406784.57
3747683.07	0.00110		
406784.56	3747692.56	0.00117	406784.55
3747702.05	0.00122		
406784.54	3747711.55	0.00127	406784.53
3747721.04	0.00131		
406784.52	3747730.54	0.00133	406784.52
3747740.03	0.00133		
406784.51	3747749.53	0.00132	406784.50
3747759.02	0.00129		
406784.49	3747768.52	0.00125	406784.48
3747778.01	0.00120		
406784.47	3747787.51	0.00115	406784.46
3747797.00	0.00108		
406784.45	3747806.50	0.00102	406782.95
3747655.99	0.00088		
406786.30	3747647.92	0.00085	406789.66
3747639.84	0.00081		
406793.01	3747631.76	0.00078	406796.37
3747623.68	0.00074		
406799.72	3747615.60	0.00070	406811.16
3747604.19	0.00068		
406819.25	3747600.85	0.00070	406827.33
3747597.51	0.00071		
406835.42	3747594.17	0.00072	406843.50
3747590.83	0.00073		
406851.58	3747587.49	0.00074	406779.59
3747664.07	0.00090		
406779.58	3747673.57	0.00097	406779.57
3747683.06	0.00103		

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** 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		
406779.56	3747692.56	0.00109	406779.55
3747702.05	0.00114		
406779.54	3747711.54	0.00118	406779.53
3747721.04	0.00121		
406779.52	3747730.53	0.00123	406779.52
3747740.03	0.00124		
406779.51	3747749.52	0.00123	406779.50
3747759.02	0.00120		
406779.49	3747768.51	0.00117	406779.48
3747778.01	0.00112		
406779.47	3747787.50	0.00107	406779.46
3747797.00	0.00101		
406779.45	3747806.49	0.00096	406778.16
3747655.48	0.00083		
406781.72	3747646.90	0.00080	406785.29
3747638.32	0.00077		
406788.85	3747629.74	0.00073	406792.42
3747621.15	0.00069		
406795.98	3747612.57	0.00065	406808.13
3747600.44	0.00064		
406816.72	3747596.89	0.00065	406825.31
3747593.34	0.00067		
406833.90	3747589.79	0.00068	406842.49
3747586.25	0.00069		
406851.08	3747582.70	0.00069	406774.59
3747664.07	0.00085		
406774.58	3747673.56	0.00091	406774.57
3747683.06	0.00097		
406774.56	3747692.55	0.00102	406774.55
3747702.05	0.00107		
406774.54	3747711.54	0.00110	406774.53
3747721.03	0.00113		
406774.52	3747730.53	0.00115	406774.52
3747740.02	0.00115		
406774.51	3747749.52	0.00114	406774.50
3747759.01	0.00112		
406774.49	3747768.51	0.00109	406774.48
3747778.00	0.00105		
406774.47	3747787.50	0.00100	406774.46
3747796.99	0.00095		
406774.45	3747806.49	0.00090	406772.89
3747656.11	0.00078		
406776.20	3747648.16	0.00076	406779.50
3747640.21	0.00074		
406782.80	3747632.25	0.00071	406786.10
3747624.30	0.00067		
406789.41	3747616.35	0.00064	406792.71
3747608.40	0.00061		

406803.97	3747597.16	0.00059	406811.93
3747593.87	0.00061		
406819.89	3747590.59	0.00062	406827.85
3747587.30	0.00063		
406835.80	3747584.01	0.00064	406843.76
3747580.72	0.00065		
406851.72	3747577.44	0.00065	406769.59
3747664.06	0.00080		
406769.58	3747673.56	0.00086	406769.57
3747683.05	0.00091		
406769.56	3747692.55	0.00096	406769.55
3747702.04	0.00100		
406769.54	3747711.53	0.00103	406769.53
3747721.03	0.00105		
406769.52	3747730.52	0.00107	406769.52
3747740.02	0.00107		
406769.51	3747749.51	0.00106	406769.50
3747759.01	0.00105		
406769.49	3747768.50	0.00102	406769.48
3747778.00	0.00098		
406769.47	3747787.49	0.00094	406769.46
3747796.99	0.00090		
406769.45	3747806.48	0.00085	406768.08
3747655.66	0.00074		
406771.56	3747647.27	0.00072	406775.05
3747638.88	0.00069		
406778.54	3747630.48	0.00067	406782.02
3747622.09	0.00064		
406785.51	3747613.70	0.00061	406788.99
3747605.30	0.00057		
406800.88	3747593.44	0.00056	406809.28
3747589.97	0.00057		

*** AERMOD - VERSION 22112 ***
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC				
406817.68	3747586.50	0.00058	406826.08		
3747583.03	0.00059				
406834.48	3747579.56	0.00060	406842.88		
3747576.09	0.00061				
406851.28	3747572.62	0.00061	406764.59		
3747664.06	0.00076				
406764.58	3747673.55	0.00081	406764.57		
3747683.05	0.00085				
406764.56	3747692.54	0.00090	406764.55		
3747702.04	0.00093				
406764.54	3747711.53	0.00096	406764.53		
3747721.02	0.00099				
406764.52	3747730.52	0.00100	406764.52		

3747740.01	0.00100		
406764.51	3747749.51	0.00099	406764.50
3747759.00	0.00098		
406764.49	3747768.50	0.00095	406764.48
3747777.99	0.00092		
406764.47	3747787.49	0.00088	406764.46
3747796.98	0.00084		
406764.45	3747806.48	0.00080	406762.85
3747656.20	0.00070		
406766.11	3747648.34	0.00069	406769.38
3747640.49	0.00067		
406772.64	3747632.64	0.00064	406775.90
3747624.78	0.00062		
406779.16	3747616.93	0.00059	406782.42
3747609.08	0.00056		
406785.69	3747601.22	0.00054	406796.81
3747590.12	0.00052		
406804.67	3747586.88	0.00053	406812.53
3747583.63	0.00055		
406820.39	3747580.38	0.00055	406828.25
3747577.14	0.00056		
406836.11	3747573.89	0.00057	406843.97
3747570.64	0.00057		
406851.83	3747567.40	0.00057	406759.59
3747664.05	0.00072		
406759.58	3747673.55	0.00076	406759.57
3747683.04	0.00081		
406759.56	3747692.54	0.00084	406759.55
3747702.03	0.00088		
406759.54	3747711.53	0.00090	406759.53
3747721.02	0.00092		
406759.52	3747730.51	0.00093	406759.52
3747740.01	0.00094		
406759.51	3747749.50	0.00093	406759.50
3747759.00	0.00092		
406759.49	3747768.49	0.00089	406759.48
3747777.99	0.00087		
406759.47	3747787.48	0.00083	406759.46
3747796.98	0.00079		
406759.45	3747806.47	0.00076	406859.45
3747811.57	0.00330		
406868.94	3747811.56	0.00406	406878.43
3747811.55	0.00501		
406887.91	3747811.54	0.00611	406897.40
3747811.53	0.00729		
406906.88	3747811.52	0.00842	406916.37
3747811.51	0.00936		
406925.86	3747811.50	0.01004	406935.34
3747811.50	0.01040		
406944.83	3747811.49	0.01044	406954.31
3747811.48	0.01016		
406963.80	3747811.47	0.00962	406973.29
3747811.46	0.00890		
406982.77	3747811.45	0.00808	406992.26
3747811.44	0.00723		
407001.74	3747811.43	0.00640	406859.46
3747816.57	0.00305		
406868.95	3747816.56	0.00372	406878.43
3747816.55	0.00454		
406887.92	3747816.54	0.00548	406897.40
3747816.53	0.00648		
406906.89	3747816.52	0.00744	406916.38
3747816.51	0.00826		
406925.86	3747816.50	0.00887	406935.35
3747816.50	0.00922		
406944.83	3747816.49	0.00930	406954.32

3747816.48 0.00912

*** AERMOD - VERSION 22112 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD
406963.81	3747816.47	0.00871	406973.29	
3747816.46	0.00814			
406982.78	3747816.45	0.00746	406992.26	
3747816.44	0.00674			
407001.75	3747816.43	0.00603	406854.15	
3747819.37	0.00264			
406846.65	3747811.87	0.00252	406859.46	
3747821.57	0.00283			
406868.95	3747821.56	0.00341	406878.44	
3747821.55	0.00412			
406887.92	3747821.54	0.00493	406897.41	
3747821.53	0.00578			
406906.89	3747821.52	0.00661	406916.38	
3747821.51	0.00733			
406925.87	3747821.50	0.00788	406935.35	
3747821.50	0.00821			
406944.84	3747821.49	0.00833	406954.32	
3747821.48	0.00822			
406963.81	3747821.47	0.00791	406973.30	
3747821.46	0.00745			
406982.78	3747821.45	0.00690	406992.27	
3747821.44	0.00629			
407001.75	3747821.43	0.00567	406852.39	
3747823.64	0.00240			
406842.38	3747813.63	0.00228	406859.47	
3747826.57	0.00262			
406868.96	3747826.56	0.00314	406878.44	
3747826.55	0.00375			
406887.93	3747826.54	0.00445	406897.41	
3747826.53	0.00518			
406906.90	3747826.52	0.00590	406916.39	
3747826.51	0.00653			
406925.87	3747826.50	0.00703	406935.36	
3747826.50	0.00735			
406944.84	3747826.49	0.00749	406954.33	
3747826.48	0.00743			
406963.82	3747826.47	0.00720	406973.30	
3747826.46	0.00684			
406982.79	3747826.45	0.00639	406992.27	
3747826.44	0.00588			
407001.76	3747826.43	0.00534	406853.57	
3747829.13	0.00227			
406847.67	3747826.69	0.00212	406839.33	
3747818.35	0.00204			

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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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16:20:29

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1 ,

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
407001.77	3747836.43	0.00474	406851.22	
3747838.15	0.00193			
406842.96	3747834.74	0.00176	406831.28	
3747823.06	0.00169			
406827.87	3747814.80	0.00175	406859.48	
3747841.57	0.00210			
406868.97	3747841.56	0.00246	406878.46	
3747841.55	0.00287			
406887.94	3747841.54	0.00334	406897.43	

3747841.53	0.00383		
406906.91	3747841.52	0.00431	406916.40
3747841.51	0.00476		
406925.89	3747841.50	0.00513	406935.37
3747841.50	0.00540		
406944.86	3747841.49	0.00556	406954.34
3747841.48	0.00560		
406963.83	3747841.47	0.00553	406973.32
3747841.46	0.00536		
406982.80	3747841.45	0.00511	406992.29
3747841.44	0.00481		
407001.77	3747841.43	0.00447	406852.41
3747843.64	0.00182		
406845.33	3747840.71	0.00170	406838.25
3747837.78	0.00158		
406828.24	3747827.77	0.00153	406825.31
3747820.69	0.00158		
406822.38	3747813.61	0.00163	406859.49
3747846.57	0.00196		
406868.98	3747846.56	0.00228	406878.46
3747846.55	0.00264		
406887.95	3747846.54	0.00305	406897.43
3747846.53	0.00349		
406906.92	3747846.52	0.00392	406916.41
3747846.51	0.00431		
406925.89	3747846.50	0.00465	406935.38
3747846.50	0.00491		
406944.86	3747846.49	0.00507	406954.35
3747846.48	0.00513		
406963.84	3747846.47	0.00509	406973.32
3747846.46	0.00496		
406982.81	3747846.45	0.00476	406992.29
3747846.44	0.00450		
407001.78	3747846.43	0.00421	406851.53
3747848.27	0.00169		
406843.56	3747844.98	0.00157	406835.60
3747841.68	0.00146		
406824.34	3747830.42	0.00141	406821.04
3747822.46	0.00146		
406817.75	3747814.49	0.00150	406859.49
3747851.57	0.00183		
406868.98	3747851.56	0.00211	406878.47
3747851.55	0.00244		
406887.95	3747851.54	0.00280	406897.44
3747851.53	0.00319		
406906.92	3747851.52	0.00357	406916.41
3747851.51	0.00393		
406925.90	3747851.50	0.00424	406935.38
3747851.50	0.00448		
406944.87	3747851.49	0.00464	406954.35
3747851.48	0.00471		
406963.84	3747851.47	0.00469	406973.33
3747851.46	0.00459		
406982.81	3747851.45	0.00443	406992.30
3747851.44	0.00422		
407001.78	3747851.43	0.00397	406852.42
3747853.64	0.00160		
406845.34	3747850.71	0.00150	406838.26
3747847.78	0.00141		
406831.18	3747844.85	0.00132	406821.17
3747834.84	0.00128		
406818.24	3747827.76	0.00133	406815.31
3747820.68	0.00137		
406812.38	3747813.60	0.00140	406859.50
3747856.57	0.00171		
406868.99	3747856.56	0.00197	406878.47

3747856.55	0.00226		
406887.96	3747856.54	0.00258	406897.44
3747856.53	0.00292		
406906.93	3747856.52	0.00327	406916.42
3747856.51	0.00359		

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 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M) Y-COORD (M)		** CONC OF DPM IN MICROGRAMS/M**3	X-COORD (M) Y-COORD	
(M)	CONC			
406925.90	3747856.50	0.00387	406935.39	
3747856.50	0.00410			
406944.87	3747856.49	0.00425	406954.36	
3747856.48	0.00433			
406963.85	3747856.47	0.00433	406973.33	
3747856.46	0.00427			
406982.82	3747856.45	0.00414	406992.30	
3747856.44	0.00396			
407001.79	3747856.43	0.00375	406851.72	
3747858.35	0.00150			
406843.93	3747855.13	0.00140	406836.14	
3747851.90	0.00131			
406828.35	3747848.68	0.00122	406817.34	
3747837.67	0.00119			
406814.12	3747829.88	0.00123	406810.89	
3747822.09	0.00127			
406807.67	3747814.30	0.00130	406859.50	
3747861.57	0.00160			
406868.99	3747861.56	0.00183	406878.48	
3747861.55	0.00210			
406887.96	3747861.54	0.00239	406897.45	
3747861.53	0.00269			
406906.93	3747861.52	0.00300	406916.42	
3747861.51	0.00329			
406925.91	3747861.50	0.00355	406935.39	
3747861.50	0.00376			
406944.88	3747861.49	0.00391	406954.36	
3747861.48	0.00400			
406963.85	3747861.47	0.00401	406973.34	
3747861.46	0.00397			
406982.82	3747861.45	0.00387	406992.31	
3747861.44	0.00372			
407001.79	3747861.43	0.00354	406851.01	
3747863.06	0.00140			
406834.02	3747856.03	0.00121	406825.52	
3747852.51	0.00113			
406813.51	3747840.50	0.00110	406809.99	
3747832.00	0.00114			
406806.48	3747823.51	0.00118	406802.96	
3747815.01	0.00121			

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***              06/27/23
*** AERMET - VERSION 16216 ***
***                                  ***              16.20.29

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406992.32	3747871.44	0.00329	407001.80	
3747871.43	0.00316			
406851.26	3747873.15	0.00125	406843.00	
3747869.74	0.00117			
406834.74	3747866.32	0.00110	406826.47	

3747862.90	0.00103		
406818.21	3747859.48	0.00097	406806.54
3747847.81	0.00094		
406803.12	3747839.55	0.00098	406799.70
3747831.28	0.00101		
406796.28	3747823.02	0.00104	406792.87
3747814.76	0.00107		
406859.52	3747876.57	0.00133	406869.00
3747876.56	0.00150		
406878.49	3747876.55	0.00170	406887.98
3747876.54	0.00191		
406897.46	3747876.53	0.00214	406906.95
3747876.52	0.00237		
406916.43	3747876.51	0.00259	406925.92
3747876.50	0.00279		
406935.41	3747876.50	0.00296	406944.89
3747876.49	0.00309		
406954.38	3747876.48	0.00318	406963.86
3747876.47	0.00322		
406973.35	3747876.46	0.00322	406982.84
3747876.45	0.00318		
406992.32	3747876.44	0.00310	407001.81
3747876.43	0.00299		
406851.94	3747878.43	0.00119	406844.35
3747875.29	0.00112		
406836.76	3747872.16	0.00106	406829.18
3747869.02	0.00100		
406821.59	3747865.88	0.00094	406814.00
3747862.74	0.00089		
406803.28	3747852.02	0.00088	406800.14
3747844.43	0.00091		
406797.00	3747836.84	0.00093	406793.86
3747829.26	0.00096		
406790.73	3747821.67	0.00098	406787.59
3747814.08	0.00100		
406859.52	3747881.57	0.00126	406869.01
3747881.56	0.00141		
406878.50	3747881.55	0.00159	406887.98
3747881.54	0.00178		
406897.47	3747881.53	0.00199	406906.95
3747881.52	0.00220		
406916.44	3747881.51	0.00240	406925.93
3747881.50	0.00258		
406935.41	3747881.50	0.00274	406944.90
3747881.49	0.00287		
406954.38	3747881.48	0.00296	406963.87
3747881.47	0.00301		
406973.36	3747881.46	0.00302	406982.84
3747881.45	0.00298		
406992.33	3747881.44	0.00292	407001.81
3747881.43	0.00283		
406851.44	3747883.22	0.00112	406843.34
3747879.88	0.00105		
406835.25	3747876.53	0.00099	406827.16
3747873.18	0.00094		
406819.07	3747869.83	0.00088	406810.97
3747866.49	0.00084		
406799.53	3747855.05	0.00082	406796.19
3747846.95	0.00085		
406792.84	3747838.86	0.00088	406789.49
3747830.77	0.00090		
406786.14	3747822.68	0.00092	406782.80
3747814.58	0.00094		
406859.53	3747886.57	0.00119	406869.01
3747886.56	0.00133		
406878.50	3747886.55	0.00149	406887.99

3747886.54	0.00167		
406897.47	3747886.53	0.00186	406906.96
3747886.52	0.00204		
406916.44	3747886.51	0.00223	406925.93
3747886.50	0.00240		
406935.42	3747886.50	0.00255	406944.90
3747886.49	0.00267		
406954.39	3747886.48	0.00276	406963.87
3747886.47	0.00281		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 16:20:29

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD
(M)	CONC				
406973.36	3747886.46	0.00283		406982.85	
3747886.45	0.00281				
406992.33	3747886.44	0.00275		407001.82	
3747886.43	0.00268				
406850.94	3747888.01	0.00106		406842.34	
3747884.46	0.00099				
406833.74	3747880.90	0.00093		406816.54	
3747873.79	0.00083				
406807.94	3747870.23	0.00078		406795.79	
3747858.08	0.00077				
406792.23	3747849.48	0.00080		406788.68	
3747840.88	0.00082				
406785.12	3747832.28	0.00085		406781.56	
3747823.68	0.00087				
406778.01	3747815.08	0.00089		406859.53	
3747891.57	0.00112				
406869.02	3747891.56	0.00126		406878.51	
3747891.55	0.00140				
406887.99	3747891.54	0.00156		406897.48	
3747891.53	0.00173				
406906.96	3747891.52	0.00191		406916.45	
3747891.51	0.00208				
406925.94	3747891.50	0.00223		406935.42	
3747891.50	0.00237				
406944.91	3747891.49	0.00249		406954.39	
3747891.48	0.00258				
406963.88	3747891.47	0.00263		406973.37	
3747891.46	0.00265				
406982.85	3747891.45	0.00264		406992.34	
3747891.44	0.00260				
407001.82	3747891.43	0.00254		406851.57	
3747893.27	0.00101				
406843.61	3747889.98	0.00095		406835.64	
3747886.68	0.00090				
406827.67	3747883.39	0.00085		406819.71	
3747880.09	0.00081				

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FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** *** 16:20:29

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
406906.97	3747901.52	0.00167	406916.46	

3747901.51	0.00181		
406925.95	3747901.50	0.00195	406935.43
3747901.50	0.00207		
406944.92	3747901.49	0.00218	406954.40
3747901.48	0.00226		
406963.89	3747901.47	0.00231	406973.38
3747901.46	0.00234		
406982.86	3747901.45	0.00235	406992.35
3747901.44	0.00233		
407001.83	3747901.43	0.00228	406851.68
3747903.32	0.00091		
406843.81	3747900.06	0.00086	406835.95
3747896.81	0.00082		
406828.08	3747893.55	0.00078	406820.21
3747890.30	0.00074		
406812.34	3747887.04	0.00070	406804.47
3747883.79	0.00067		
406796.61	3747880.54	0.00064	406785.48
3747869.41	0.00063		
406782.23	3747861.55	0.00065	406778.98
3747853.68	0.00067		
406775.72	3747845.81	0.00069	406772.47
3747837.94	0.00071		
406769.21	3747830.07	0.00072	406765.96
3747822.21	0.00074		
406762.70	3747814.34	0.00075	406859.55
3747906.57	0.00096		
406869.03	3747906.56	0.00106	406878.52
3747906.55	0.00118		
406888.01	3747906.54	0.00130	406897.49
3747906.53	0.00143		
406906.98	3747906.52	0.00157	406916.46
3747906.51	0.00170		
406925.95	3747906.50	0.00183	406935.44
3747906.50	0.00194		
406944.92	3747906.49	0.00204	406954.41
3747906.48	0.00212		
406963.89	3747906.47	0.00217	406973.38
3747906.46	0.00221		
406982.87	3747906.45	0.00222	406992.35
3747906.44	0.00220		
407001.84	3747906.43	0.00217	406859.45
3747806.57	0.00355		
407001.74	3747806.43	0.00678	407001.87
3747664.29	0.00304		
406859.59	3747664.15		
0.00274			

FF

*** AERMOD - VERSION 22112 ***

GP\14635 Cons

06/27/23

*** AERMET - VERSION 16216 ***

*** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

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*** MODELOPTs:

NonDFAULT

CONC

FLAT

URBAN

ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR

SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM

IN

MICROGRAMS/M**3

**

X-COORD (M)

Y-COORD (M)

CONC

(YYMMDDHH)

X-COORD (M)

Y-COORD

(M)	CONC	(YYMMDDHH)		
407006.74	3747806.43	0.13313	(13112016)	407006.75
3747796.96	0.13800	(13112016)		
407006.76	3747787.48	0.14075	(13112016)	407006.77
3747778.01	0.15736	(12121416)		
407006.77	3747768.53	0.17085	(12121416)	407006.78
3747759.05	0.17818	(12121416)		
407006.79	3747749.58	0.17788	(12121416)	407006.80
3747740.10	0.16940	(12121416)		
407006.81	3747730.63	0.15991	(15122816)	407006.82
3747721.15	0.17196	(15122816)		
407006.83	3747711.67	0.17680	(15122816)	407006.84
3747702.20	0.17452	(15122816)		
407006.84	3747692.72	0.16608	(15122816)	407006.85
3747683.25	0.15289	(15122816)		
407006.86	3747673.77	0.13664	(15122816)	407006.87
3747664.29	0.11893	(15122816)		
407011.74	3747806.44	0.12333	(13112016)	407011.75
3747796.96	0.12618	(13112016)		
407011.76	3747787.49	0.13395	(12121416)	407011.77
3747778.01	0.14908	(12121416)		
407011.77	3747768.54	0.16004	(12121416)	407011.78
3747759.06	0.16518	(12121416)		
407011.79	3747749.58	0.16338	(12121416)	407011.80
3747740.11	0.15434	(12121416)		
407011.81	3747730.63	0.14622	(12122416)	407011.82
3747721.16	0.15613	(15122816)		
407011.83	3747711.68	0.16230	(15122816)	407011.84
3747702.20	0.16208	(15122816)		
407011.84	3747692.73	0.15611	(15122816)	407011.85
3747683.25	0.14550	(15122816)		
407011.86	3747673.78	0.13169	(15122816)	407011.87
3747664.30	0.11609	(15122816)		
407014.54	3747811.74	0.11610	(13112016)	407007.05
3747819.23	0.12366	(13112016)		
407016.74	3747806.44	0.11373	(13112016)	407016.75
3747796.97	0.11486	(13112016)		
407016.76	3747787.49	0.12833	(12121416)	407016.77
3747778.02	0.14120	(12121416)		
407016.77	3747768.54	0.15000	(12121416)	407016.78
3747759.06	0.15331	(12121416)		
407016.79	3747749.59	0.15033	(12121416)	407016.80
3747740.11	0.14093	(12121416)		
407016.81	3747730.64	0.13463	(12122416)	407016.82
3747721.16	0.14194	(15122816)		
407016.83	3747711.68	0.14908	(15122816)	407016.84
3747702.21	0.15051	(15122816)		
407016.84	3747692.73	0.14662	(15122816)	407016.85
3747683.26	0.13826	(15122816)		
407016.86	3747673.78	0.12663	(15122816)	407016.87
3747664.30	0.11299	(15122816)		
407018.81	3747813.51	0.10829	(13112016)	407008.82
3747823.50	0.11800	(13112016)		
407021.74	3747806.45	0.10442	(13112016)	407021.75
3747796.97	0.10927	(12121416)		
407021.76	3747787.50	0.12282	(12121416)	407021.77
3747778.02	0.13373	(12121416)		
407021.77	3747768.54	0.14065	(12121416)	407021.78
3747759.07	0.14246	(12121416)		
407021.79	3747749.59	0.13855	(12121416)	407021.80
3747740.12	0.12900	(12121416)		
407021.81	3747730.64	0.12437	(12122416)	407021.82
3747721.16	0.12921	(15122816)		
407021.83	3747711.69	0.13701	(15122816)	407021.84

3747702.21	0.13975	(15122816)	
407021.84	3747692.74	0.13761	(15122816)
3747683.26	0.13121	(15122816)	
407021.86	3747673.78	0.12154	(15122816)
3747664.31	0.10970	(15122816)	
407024.30	3747812.34	0.09948	(13112016)
3747818.22	0.10222	(13112016)	
407013.53	3747826.55	0.10999	(13112016)
3747828.99	0.11693	(12113016)	
407026.74	3747806.45	0.09549	(13112016)
3747796.98	0.10563	(12121416)	
407026.76	3747787.50	0.11749	(12121416)
3747778.02	0.12664	(12121416)	
407026.77	3747768.55	0.13196	(12121416)
3747759.07	0.13252	(12121416)	
407026.79	3747749.60	0.12793	(12121416)
3747740.12	0.11834	(12121416)	

*** AERMOD - VERSION 22112 ***
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 *** 16:20:29

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC (YYMMDDHH)		X-COORD (M)		Y-COORD	
(M)	CONC	(YYMMDDHH)							
407026.81	3747730.64	0.11525	(12122416)			407026.82			
3747721.17	0.11777	(15122816)							
407026.83	3747711.69	0.12602	(15122816)			407026.84			
3747702.22	0.12977	(15122816)							
407026.84	3747692.74	0.12908	(15122816)			407026.85			
3747683.26	0.12437	(15122816)							
407026.86	3747673.79	0.11645	(15122816)			407026.87			
3747664.31	0.10626	(15122816)							
407028.81	3747813.52	0.09222	(13112016)			407025.88			
3747820.58	0.09584	(13112016)							
407015.89	3747830.57	0.10480	(13112016)			407008.83			
3747833.50	0.11270	(12113016)							
407031.74	3747806.46	0.09004	(12121416)			407031.75			
3747796.98	0.10200	(12121416)							
407031.76	3747787.51	0.11231	(12121416)			407031.77			
3747778.03	0.11992	(12121416)							
407031.77	3747768.55	0.12387	(12121416)			407031.78			
3747759.08	0.12342	(12121416)							
407031.79	3747749.60	0.11831	(12121416)			407031.80			
3747740.13	0.10880	(12121416)							
407031.81	3747730.65	0.10709	(12122416)			407031.82			
3747721.17	0.10749	(15122816)							
407031.83	3747711.70	0.11599	(15122816)			407031.84			
3747702.22	0.12053	(15122816)							
407031.84	3747692.75	0.12103	(15122816)			407031.85			
3747683.27	0.11777	(15122816)							
407031.86	3747673.79	0.11140	(15122816)			407031.87			
3747664.32	0.10272	(15122816)							

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      16:20:29

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM
MICROGRAMS/M**3

IN

**

X-COORD (M) (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407046.77	3747768.57	0.10282	(12121416)	407046.78	
3747759.09	0.10034	(12121416)			
407046.79	3747749.62	0.09446	(12121416)	407046.80	
3747740.14	0.08556	(12121416)			
407046.81	3747730.66	0.08718	(12122416)	407046.82	
3747721.19	0.08677	(12122416)			
407046.83	3747711.71	0.09089	(15122816)	407046.84	
3747702.24	0.09673	(15122816)			
407046.84	3747692.76	0.09963	(15122816)	407046.85	
3747683.28	0.09956	(15122816)			
407046.86	3747673.81	0.09681	(15122816)	407046.87	
3747664.33	0.09182	(15122816)			
407048.81	3747813.54	0.07524	(12121416)	407045.88	
3747820.60	0.06927	(13112016)			
407042.95	3747827.66	0.07349	(13112016)	407040.03	
3747834.72	0.07659	(13112016)			
407030.04	3747844.71	0.08419	(13112016)	407022.97	
3747847.64	0.08873	(13112016)			
407015.91	3747850.57	0.09541	(12113016)	407008.85	
3747853.50	0.10097	(12113016)			
407051.74	3747806.48	0.08049	(12121416)	407051.75	
3747797.00	0.08787	(12121416)			
407051.76	3747787.52	0.09341	(12121416)	407051.77	
3747778.05	0.09653	(12121416)			
407051.77	3747768.57	0.09676	(12121416)	407051.78	
3747759.10	0.09385	(12121416)			
407051.79	3747749.62	0.08788	(12121416)	407051.80	
3747740.14	0.07979	(12122416)			
407051.81	3747730.67	0.08176	(12122416)	407051.82	
3747721.19	0.08151	(12122416)			
407051.83	3747711.72	0.08394	(15122816)	407051.84	
3747702.24	0.08996	(15122816)			
407051.84	3747692.76	0.09336	(15122816)	407051.85	
3747683.29	0.09404	(15122816)			
407051.86	3747673.81	0.09220	(15122816)	407051.87	
3747664.34	0.08819	(15122816)			
407053.52	3747814.25	0.07294	(12121416)	407050.30	
3747822.02	0.06648	(12121416)			
407047.08	3747829.78	0.06897	(13112016)	407043.85	
3747837.55	0.07245	(13112016)			
407032.86	3747848.54	0.08047	(13112016)	407025.10	
3747851.76	0.08505	(13112016)			
407017.33	3747854.99	0.09200	(12113016)	407009.56	
3747858.21	0.09741	(12113016)			
407056.74	3747806.48	0.07805	(12121416)	407056.75	
3747797.00	0.08450	(12121416)			
407056.76	3747787.53	0.08915	(12121416)	407056.77	
3747778.05	0.09148	(12121416)			
407056.77	3747768.58	0.09111	(12121416)	407056.78	
3747759.10	0.08787	(12121416)			
407056.79	3747749.62	0.08188	(12121416)	407056.80	
3747740.15	0.07493	(12122416)			
407056.81	3747730.67	0.07682	(12122416)	407056.82	
3747721.20	0.07670	(12122416)			
407056.83	3747711.72	0.07761	(15122816)	407056.84	
3747702.24	0.08371	(15122816)			
407056.84	3747692.77	0.08749	(15122816)	407056.85	
3747683.29	0.08879	(15122816)			
407056.86	3747673.82	0.08774	(15122816)	407056.87	

3747664.34	0.08461	(15122816)		
407058.23	3747814.96	0.07071	(12121416)	407054.71
3747823.43	0.06425	(12121416)		
407051.20	3747831.91	0.06478	(13112016)	407047.68
3747840.38	0.06858	(13112016)		
407035.69	3747852.37	0.07699	(13112016)	407027.22
3747855.88	0.08160	(13112016)		
407018.75	3747859.40	0.08876	(12113016)	407010.27
3747862.91	0.09396	(12113016)		
407061.74	3747806.48	0.07560	(12121416)	407061.75
3747797.01	0.08123	(12121416)		
407061.76	3747787.53	0.08508	(12121416)	407061.77
3747778.06	0.08672	(12121416)		
407061.77	3747768.58	0.08585	(12121416)	407061.78
3747759.10	0.08235	(12121416)		
407061.79	3747749.63	0.07640	(12121416)	407061.80
3747740.15	0.07051	(12122416)		
407061.81	3747730.68	0.07232	(12122416)	407061.82
3747721.20	0.07231	(12122416)		
407061.83	3747711.72	0.07181	(15122816)	407061.84
3747702.25	0.07794	(15122816)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
407061.84	3747692.77	0.08200	(15122816)	407061.85	
3747683.30	0.08381	(15122816)			
407061.86	3747673.82	0.08344	(15122816)	407061.87	
3747664.34	0.08109	(15122816)			
407063.57	3747814.14	0.06945	(12121416)	407060.39	
3747821.79	0.06442	(12121416)			
407057.22	3747829.44	0.05991	(12121716)	407054.05	
3747837.09	0.06241	(13112016)			
407050.88	3747844.74	0.06552	(13112016)	407040.05	
3747855.56	0.07281	(13112016)			
407032.40	3747858.74	0.07702	(13112016)	407024.75	
3747861.91	0.08227	(12113016)			
407017.10	3747865.08	0.08761	(12113016)	407009.45	
3747868.26	0.09120	(14120316)			
407066.74	3747806.49	0.07317	(12121416)	407066.75	
3747797.01	0.07805	(12121416)			
407066.76	3747787.54	0.08119	(12121416)	407066.77	
3747778.06	0.08223	(12121416)			
407066.77	3747768.59	0.08095	(12121416)	407066.78	
3747759.11	0.07727	(12121416)			
407066.79	3747749.63	0.07138	(12121416)	407066.80	
3747740.16	0.06646	(12122416)			
407066.81	3747730.68	0.06820	(12122416)	407066.82	
3747721.21	0.06828	(12122416)			

407066.83	3747711.73	0.06672	(12122416)	407066.84
3747702.25	0.07260	(15122816)		
407066.84	3747692.78	0.07687	(15122816)	407066.85
3747683.30	0.07910	(15122816)		
407066.86	3747673.83	0.07931	(15122816)	407066.87
3747664.35	0.07764	(15122816)		
407068.32	3747814.73	0.06731	(12121416)	407064.91
3747822.97	0.06239	(12121416)		
407061.49	3747831.21	0.05744	(12121716)	407058.07
3747839.45	0.05889	(13112016)		
407054.66	3747847.69	0.06222	(13112016)	407043.00
3747859.34	0.06975	(13112016)		
407034.76	3747862.76	0.07398	(13112016)	407026.52
3747866.18	0.07937	(12113016)		
407018.29	3747869.60	0.08459	(12113016)	407010.05
3747873.01	0.08832	(14120316)		
407071.74	3747806.49	0.07077	(12121416)	407071.75
3747797.02	0.07496	(12121416)		
407071.76	3747787.54	0.07748	(12121416)	407071.77
3747778.07	0.07801	(12121416)		
407071.77	3747768.59	0.07637	(12121416)	407071.78
3747759.11	0.07256	(12121416)		
407071.79	3747749.64	0.06678	(12121416)	407071.80
3747740.16	0.06275	(12122416)		
407071.81	3747730.69	0.06442	(12122416)	407071.82
3747721.21	0.06457	(12122416)		
407071.83	3747711.73	0.06323	(12122416)	407071.84
3747702.26	0.06767	(15122816)		
407071.84	3747692.78	0.07207	(15122816)	407071.85
3747683.31	0.07464	(15122816)		
407071.86	3747673.83	0.07534	(15122816)	407071.87
3747664.35	0.07428	(15122816)		
407073.60	3747814.06	0.06580	(12121416)	407070.46
3747821.63	0.06195	(12121416)		
407067.33	3747829.20	0.05711	(12121416)	407064.19
3747836.76	0.05508	(12121716)		
407061.05	3747844.33	0.05672	(13112016)	407057.91
3747851.90	0.05955	(13112016)		
407047.21	3747862.60	0.06618	(13112016)	407039.64
3747865.74	0.07005	(13112016)		
407032.08	3747868.88	0.07386	(12113016)	407024.51
3747872.01	0.07904	(12113016)		
407016.95	3747875.15	0.08278	(12113016)	407009.38
3747878.29	0.08680	(14120316)		
407076.74	3747806.50	0.06841	(12121416)	407076.75
3747797.02	0.07198	(12121416)		
407076.76	3747787.55	0.07394	(12121416)	407076.77
3747778.07	0.07403	(12121416)		
407076.77	3747768.59	0.07211	(12121416)	407076.78
3747759.12	0.06822	(12121416)		
407076.79	3747749.64	0.06255	(12121416)	407076.80
3747740.17	0.05934	(12122416)		
407076.81	3747730.69	0.06094	(12122416)	407076.82
3747721.21	0.06116	(12122416)		
407076.83	3747711.74	0.06000	(12122416)	407076.84
3747702.26	0.06312	(15122816)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)				
407076.84	3747692.79	0.06760	(15122816)		407076.85	
3747683.31	0.07043	(15122816)				
407076.86	3747673.83	0.07155	(15122816)		407076.87	
3747664.36	0.07102	(15122816)				
407078.39	3747814.57	0.06374	(12121416)		407075.05	
3747822.64	0.06006	(12121416)				
407071.70	3747830.71	0.05528	(12121416)		407068.35	
3747838.79	0.05294	(12121716)				
407065.00	3747846.86	0.05371	(13112016)		407061.66	
3747854.93	0.05668	(13112016)				
407050.24	3747866.34	0.06349	(13112016)		407042.17	
3747869.69	0.06736	(13112016)				
407026.03	3747876.39	0.07638	(12113016)		407017.96	
3747879.73	0.07993	(12113016)				
407009.89	3747883.08	0.08413	(14120316)		407081.74	
3747806.50	0.06609	(12121416)				
407081.75	3747797.03	0.06910	(12121416)		407081.76	
3747787.55	0.07057	(12121416)				
407081.77	3747778.08	0.07028	(12121416)		407081.77	
3747768.60	0.06814	(12121416)				
407081.78	3747759.12	0.06419	(12121416)		407081.79	
3747749.65	0.05866	(12121416)				
407081.80	3747740.17	0.05621	(12122416)		407081.81	
3747730.70	0.05774	(12122416)				
407081.82	3747721.22	0.05800	(12122416)		407081.83	
3747711.74	0.05700	(12122416)				
407081.84	3747702.27	0.05891	(15122816)		407081.84	
3747692.79	0.06342	(15122816)				
407081.85	3747683.32	0.06646	(15122816)		407081.86	
3747673.84	0.06793	(15122816)				
407081.87	3747664.36	0.06785	(15122816)		407083.18	
3747815.08	0.06175	(12121416)				
407079.63	3747823.66	0.05823	(12121416)		407076.07	
3747832.23	0.05352	(12121416)				
407072.51	3747840.81	0.05091	(12121716)		407068.96	
3747849.38	0.05089	(13112016)				
407065.40	3747857.96	0.05401	(13112016)		407053.27	
3747870.09	0.06096	(13112016)				
407044.70	3747873.65	0.06483	(13112016)		407036.12	
3747877.20	0.06880	(12113016)				
407027.55	3747880.76	0.07384	(12113016)		407018.97	
3747884.32	0.07718	(12113016)				
407010.40	3747887.87	0.08156	(14120316)		407086.74	
3747806.51	0.06381	(12121416)				
407086.75	3747797.03	0.06633	(12121416)		407086.76	
3747787.56	0.06736	(12121416)				
407086.77	3747778.08	0.06675	(12121416)		407086.77	
3747768.60	0.06442	(12121416)				
407086.78	3747759.13	0.06046	(12121416)		407086.79	
3747749.65	0.05512	(16010616)				
407086.80	3747740.18	0.05331	(12122416)		407086.81	
3747730.70	0.05478	(12122416)				
407086.82	3747721.22	0.05508	(12122416)		407086.83	
3747711.75	0.05423	(12122416)				
407086.84	3747702.27	0.05501	(15122816)		407086.84	

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FF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***          06/27/23
*** AERMET - VERSION 16216 ***
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407091.80	3747740.18	0.05063	(12122416)	407091.81	
3747730.70	0.05204	(12122416)			
407091.82	3747721.23	0.05237	(12122416)	407091.83	
3747711.75	0.05164	(12122416)			
407091.84	3747702.28	0.05141	(15122816)	407091.84	
3747692.80	0.05589	(15122816)			
407091.85	3747683.32	0.05919	(15122816)	407091.86	
3747673.85	0.06119	(15122816)			
407091.87	3747664.37	0.06185	(15122816)	407093.26	
3747814.90	0.05822	(12121416)			
407089.78	3747823.29	0.05572	(12121416)	407086.31	
3747831.67	0.05210	(12121416)			
407082.83	3747840.06	0.04759	(12121416)	407079.35	
3747848.45	0.04716	(12121716)			
407075.87	3747856.83	0.04673	(13112016)	407072.40	
3747865.22	0.04950	(13112016)			
407060.53	3747877.08	0.05579	(13112016)	407052.15	
3747880.56	0.05933	(13112016)			
407043.76	3747884.04	0.06202	(12113016)	407035.38	
3747887.52	0.06689	(12113016)			

407026.99	3747890.99	0.07044	(12113016)	407018.60
3747894.47	0.07240	(12113016)		
407010.22	3747897.95	0.07751	(14120316)	407096.74
3747806.52	0.05943	(12121416)		
407096.75	3747797.04	0.06109	(12121416)	407096.76
3747787.56	0.06141	(12121416)		
407096.77	3747778.09	0.06029	(12121416)	407096.77
3747768.61	0.05771	(12121416)		
407096.78	3747759.14	0.05379	(12121416)	407096.79
3747749.66	0.04995	(16010616)		
407096.80	3747740.18	0.04815	(12122416)	407096.81
3747730.71	0.04949	(12122416)		
407096.82	3747721.23	0.04986	(12122416)	407096.83
3747711.76	0.04923	(12122416)		
407096.84	3747702.28	0.04833	(16011916)	407096.84
3747692.80	0.05250	(15122816)		
407096.85	3747683.33	0.05587	(15122816)	407096.86
3747673.85	0.05806	(15122816)		
407096.87	3747664.38	0.05901	(15122816)	407098.49
3747814.37	0.05655	(12121416)		
407095.23	3747822.21	0.05468	(12121416)	407091.98
3747830.06	0.05183	(12121416)		
407088.72	3747837.91	0.04817	(12121416)	407085.47
3747845.75	0.04536	(12121716)		
407082.22	3747853.60	0.04537	(12121716)	407078.96
3747861.45	0.04515	(13112016)		
407075.71	3747869.29	0.04758	(13112016)	407064.61
3747880.39	0.05323	(13112016)		
407056.76	3747883.65	0.05650	(13112016)	407048.91
3747886.90	0.05902	(13112016)		
407041.07	3747890.16	0.06275	(12113016)	407033.22
3747893.41	0.06645	(12113016)		
407025.38	3747896.67	0.06892	(12113016)	407017.53
3747899.92	0.07051	(14120316)		
407009.68	3747903.18	0.07579	(14120316)	407101.74
3747806.52	0.05733	(12121416)		
407101.75	3747797.05	0.05863	(12121416)	407101.76
3747787.57	0.05866	(12121416)		
407101.77	3747778.09	0.05734	(12121416)	407101.77
3747768.62	0.05468	(12121416)		
407101.78	3747759.14	0.05080	(12121416)	407101.79
3747749.67	0.04761	(16010616)		
407101.80	3747740.19	0.04584	(12122416)	407101.81
3747730.71	0.04713	(12122416)		
407101.82	3747721.24	0.04751	(12122416)	407101.83
3747711.76	0.04698	(12122416)		
407101.84	3747702.29	0.04615	(16011916)	407101.84
3747692.81	0.04934	(15122816)		
407101.85	3747683.33	0.05275	(15122816)	407101.86
3747673.86	0.05509	(15122816)		
407101.87	3747664.38	0.05629	(15122816)	407001.87
3747659.29	0.11105	(15122816)		
406992.39	3747659.28	0.11289	(15122816)	406982.90
3747659.27	0.11772	(13121016)		
406973.42	3747659.26	0.12390	(12122016)	406963.93
3747659.25	0.13409	(12122016)		
406954.45	3747659.24	0.14149	(12122016)	406944.96
3747659.23	0.14511	(12122016)		
406935.48	3747659.22	0.14415	(12122016)	406925.99
3747659.22	0.13819	(12122016)		

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons 06/27/23
 *** AERMET - VERSION 16216 ***

*** 16:20:29

*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406916.51	3747659.21	0.13200	(16120216)	406907.02	
3747659.20	0.12643	(16120216)			
406897.54	3747659.19	0.12352	(13112916)	406888.05	
3747659.18	0.12696	(13112916)			
406878.57	3747659.17	0.12777	(13112916)	406869.08	
3747659.16	0.12631	(13112916)			
406859.59	3747659.15	0.12298	(13112916)	407001.88	
3747654.29	0.10089	(15122816)			
406992.39	3747654.28	0.10417	(13121016)	406982.91	
3747654.27	0.10977	(13121016)			
406973.42	3747654.26	0.11556	(12122016)	406963.94	
3747654.25	0.12397	(12122016)			
406954.45	3747654.24	0.12975	(12122016)	406944.97	
3747654.23	0.13211	(12122016)			
406935.48	3747654.22	0.13043	(12122016)	406926.00	
3747654.22	0.12446	(12122016)			
406916.51	3747654.21	0.12180	(16120216)	406907.03	
3747654.20	0.11734	(16120216)			
406897.54	3747654.19	0.10934	(16120216)	406888.06	
3747654.18	0.11136	(13112916)			
406878.57	3747654.17	0.11387	(13112916)	406869.09	
3747654.16	0.11422	(13112916)			
406859.60	3747654.15	0.11272	(13112916)	407007.19	
3747651.49	0.09502	(15122816)			
407014.68	3747659.00	0.10589	(15122816)	407001.88	
3747649.29	0.09232	(13121016)			
406992.40	3747649.28	0.09807	(13121016)	406982.91	
3747649.27	0.10214	(13121016)			
406973.43	3747649.26	0.10790	(12122016)	406963.94	
3747649.25	0.11482	(12122016)			
406954.46	3747649.24	0.11927	(12122016)	406944.97	
3747649.23	0.12064	(12122016)			
406935.49	3747649.22	0.11845	(12122016)	406926.00	
3747649.22	0.11254	(12122016)			
406916.52	3747649.21	0.11271	(16120216)	406907.03	
3747649.20	0.10915	(16120216)			
406897.55	3747649.19	0.10239	(16120216)	406888.06	
3747649.18	0.09725	(13112916)			
406878.58	3747649.17	0.10100	(13112916)	406869.09	
3747649.16	0.10279	(13112916)			
406859.60	3747649.15	0.10279	(13112916)	407008.96	
3747647.23	0.08747	(15122816)			
407018.95	3747657.23	0.10134	(15122816)	407001.89	
3747644.29	0.08767	(13121016)			
406992.40	3747644.28	0.09212	(13121016)	406982.92	
3747644.27	0.09487	(13121016)			
406973.43	3747644.26	0.10086	(12122016)	406963.95	
3747644.25	0.10652	(12122016)			
406954.46	3747644.24	0.10990	(12122016)	406944.98	
3747644.23	0.11048	(12122016)			
406935.49	3747644.22	0.10792	(12122016)	406926.01	

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407016.04	3747640.16	0.07646	(15122816)	407026.03	
3747650.17	0.08908	(15122816)			
407028.95	3747657.24	0.09671	(15122816)	407001.90	
3747634.29	0.07849	(13121016)			
406992.41	3747634.28	0.08080	(13121016)	406982.93	
3747634.27	0.08316	(12122016)			
406973.44	3747634.26	0.08841	(12122016)	406963.96	
3747634.25	0.09213	(12122016)			
406954.47	3747634.24	0.09390	(12122016)	406944.99	
3747634.23	0.09339	(12122016)			
406935.50	3747634.22	0.09041	(12122016)	406926.02	
3747634.22	0.08970	(16120216)			
406916.53	3747634.21	0.09069	(16120216)	406907.05	
3747634.20	0.08901	(16120216)			
406897.56	3747634.19	0.08491	(16120216)	406888.08	
3747634.18	0.07886	(16120216)			

406878.59	3747634.17	0.07140	(16120216)	406869.10
3747634.16	0.07300	(13112916)		
406859.62	3747634.15	0.07588	(13112916)	407010.15
3747632.71	0.07423	(13121016)		
407018.40	3747636.14	0.07262	(13121016)	407030.05
3747647.82	0.08502	(15122816)		
407033.46	3747656.07	0.09314	(15122816)	407001.90
3747629.29	0.07404	(13121016)		
406992.42	3747629.28	0.07548	(13121016)	406982.93
3747629.27	0.07849	(12122016)		
406973.45	3747629.26	0.08291	(12122016)	406963.96
3747629.25	0.08588	(12122016)		
406954.48	3747629.24	0.08705	(12122016)	406944.99
3747629.23	0.08617	(12122016)		
406935.51	3747629.22	0.08310	(12122016)	406926.02
3747629.22	0.08360	(16120216)		
406916.54	3747629.21	0.08475	(16120216)	406907.05
3747629.20	0.08348	(16120216)		
406897.57	3747629.19	0.08002	(16120216)	406888.08
3747629.18	0.07474	(16120216)		
406878.60	3747629.17	0.06812	(16120216)	406869.11
3747629.16	0.06464	(13112916)		
406859.62	3747629.15	0.06804	(13112916)	407008.98
3747627.23	0.07054	(13121016)		
407016.05	3747630.16	0.07009	(13121016)	407023.11
3747633.10	0.06848	(13121016)		
407033.10	3747643.11	0.07881	(15122816)	407036.03
3747650.18	0.08575	(15122816)		
407038.95	3747657.25	0.09142	(15122816)	407001.91
3747624.29	0.06971	(13121016)		
406992.42	3747624.28	0.07041	(13121016)	406982.94
3747624.27	0.07413	(12122016)		
406973.45	3747624.26	0.07783	(12122016)	406963.97
3747624.25	0.08017	(12122016)		
406954.48	3747624.24	0.08085	(12122016)	406945.00
3747624.23	0.07969	(12122016)		
406935.51	3747624.22	0.07658	(12122016)	406926.03
3747624.22	0.07809	(16120216)		
406916.54	3747624.21	0.07935	(16120216)	406907.06
3747624.20	0.07844	(16120216)		
406897.57	3747624.19	0.07552	(16120216)	406888.09
3747624.18	0.07091	(16120216)		
406878.60	3747624.17	0.06502	(16120216)	406869.11
3747624.16	0.05830	(16120216)		
406859.63	3747624.15	0.06080	(13112916)	407009.87
3747622.59	0.06688	(13121016)		
407017.82	3747625.90	0.06676	(13121016)	407025.77
3747629.20	0.06523	(13121016)		
407037.01	3747640.46	0.07516	(15122816)	407040.29
3747648.42	0.08241	(15122816)		
407043.58	3747656.37	0.08811	(15122816)	407001.91
3747619.29	0.06552	(13121016)		
406992.43	3747619.28	0.06595	(12122016)	406982.94
3747619.27	0.07005	(12122016)		
406973.46	3747619.26	0.07314	(12122016)	406963.97
3747619.25	0.07494	(12122016)		
406954.49	3747619.24	0.07523	(12122016)	406945.00
3747619.23	0.07385	(12122016)		
406935.52	3747619.22	0.07074	(12122016)	406926.03
3747619.22	0.07310	(16120216)		
406916.55	3747619.21	0.07444	(16120216)	406907.06
3747619.20	0.07381	(16120216)		
406897.58	3747619.19	0.07136	(16120216)	406888.09
3747619.18	0.06734	(16120216)		

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM IN			
		MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC (YYMMDDHH)				
406878.60	3747619.17	0.06210	(16120216)	406869.12	
3747619.16	0.05604	(16120216)			
406859.63	3747619.15	0.05417	(13112916)	407008.99	
3747617.23	0.06316	(13121016)			
407016.06	3747620.16	0.06373	(13121016)	407023.12	
3747623.10	0.06324	(13121016)			
407030.19	3747626.03	0.06175	(13121016)	407040.18	
3747636.04	0.07010	(15122816)			
407043.10	3747643.12	0.07644	(15122816)	407046.03	
3747650.19	0.08176	(15122816)			
407048.95	3747657.26	0.08576	(15122816)	407001.92	
3747614.29	0.06150	(13121016)			
406992.43	3747614.28	0.06272	(12122016)	406982.95	
3747614.27	0.06624	(12122016)			
406973.46	3747614.26	0.06880	(12122016)	406963.98	
3747614.25	0.07015	(12122016)			
406954.49	3747614.24	0.07012	(12122016)	406945.01	
3747614.23	0.06857	(12122016)			
406935.52	3747614.22	0.06549	(12122016)	406926.04	
3747614.22	0.06856	(16120216)			
406916.55	3747614.21	0.06995	(16120216)	406907.07	
3747614.20	0.06956	(16120216)			
406897.58	3747614.19	0.06751	(16120216)	406888.10	
3747614.18	0.06400	(16120216)			
406878.61	3747614.17	0.05935	(16120216)	406869.12	
3747614.16	0.05388	(16120216)			
406859.64	3747614.15	0.04938	(14121615)	407009.70	
3747612.52	0.05975	(13121016)			
407017.47	3747615.75	0.06066	(13121016)	407025.25	
3747618.98	0.06036	(13121016)			
407033.02	3747622.21	0.05895	(13121016)	407044.01	
3747633.22	0.06689	(15122816)			
407047.23	3747641.00	0.07341	(15122816)	407050.44	
3747648.78	0.07877	(15122816)			
407053.66	3747656.56	0.08260	(15122816)	407001.92	
3747609.29	0.05764	(13121016)			
406992.44	3747609.28	0.05966	(12122016)	406982.95	
3747609.27	0.06268	(12122016)			
406973.47	3747609.26	0.06478	(12122016)	406963.98	
3747609.25	0.06576	(12122016)			
406954.50	3747609.24	0.06546	(12122016)	406945.01	
3747609.23	0.06380	(12122016)			
406935.53	3747609.22	0.06141	(16120216)	406926.04	
3747609.22	0.06442	(16120216)			
406916.56	3747609.21	0.06584	(16120216)	406907.07	
3747609.20	0.06566	(16120216)			
406897.59	3747609.19	0.06394	(16120216)	406888.10	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      16:20:29

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ U*

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407051.04	3747626.03	0.05987	(15122816)	407054.21	
3747633.70	0.06576	(15122816)			
407057.37	3747641.36	0.07076	(15122816)	407060.54	
3747649.02	0.07456	(15122816)			
407063.70	3747656.69	0.07692	(15122816)	407001.93	
3747599.29	0.05118	(12122016)			
406992.45	3747599.28	0.05404	(12122016)	406982.96	
3747599.27	0.05623	(12122016)			
406973.48	3747599.26	0.05759	(12122016)	406963.99	
3747599.25	0.05798	(12122016)			
406954.51	3747599.24	0.05730	(12122016)	406945.02	
3747599.23	0.05550	(12122016)			

406935.54	3747599.22	0.05442	(16120216)	406926.05
3747599.22	0.05717	(16120216)		
406916.57	3747599.21	0.05861	(16120216)	406907.08
3747599.20	0.05873	(16120216)		
406897.60	3747599.19	0.05757	(16120216)	406888.11
3747599.18	0.05525	(16120216)		
406878.62	3747599.17	0.05196	(16120216)	406869.14
3747599.16	0.04795	(16120216)		
406859.65	3747599.15	0.04344	(16120216)	407010.18
3747597.71	0.05004	(13121016)		
407018.43	3747601.14	0.05194	(13121016)	407026.68
3747604.56	0.05275	(13121016)		
407034.92	3747607.99	0.05251	(13121016)	407043.17
3747611.41	0.05124	(13121016)		
407054.82	3747623.09	0.05725	(15122816)	407058.23
3747631.34	0.06322	(15122816)		
407061.64	3747639.60	0.06823	(15122816)	407065.05
3747647.85	0.07191	(15122816)		
407068.46	3747656.10	0.07399	(15122816)	407001.94
3747594.29	0.04897	(12122016)		
406992.45	3747594.28	0.05146	(12122016)	406982.97
3747594.27	0.05331	(12122016)		
406973.48	3747594.26	0.05437	(12122016)	406964.00
3747594.25	0.05454	(12122016)		
406954.51	3747594.24	0.05372	(12122016)	406945.03
3747594.23	0.05190	(12122016)		
406935.54	3747594.22	0.05136	(16120216)	406926.06
3747594.22	0.05398	(16120216)		
406916.57	3747594.21	0.05543	(16120216)	406907.09
3747594.20	0.05566	(16120216)		
406897.60	3747594.19	0.05471	(16120216)	406888.11
3747594.18	0.05269	(16120216)		
406878.63	3747594.17	0.04977	(16120216)	406869.14
3747594.16	0.04614	(16120216)		
406859.66	3747594.15	0.04202	(16120216)	407009.52
3747592.44	0.04681	(13121016)		
407017.09	3747595.58	0.04887	(13121016)	407024.66
3747598.73	0.05012	(13121016)		
407032.23	3747601.87	0.05050	(13121016)	407039.81
3747605.02	0.05006	(13121016)		
407047.38	3747608.16	0.04885	(13121016)	407058.08
3747618.89	0.05387	(15122816)		
407061.22	3747626.46	0.05919	(15122816)	407064.35
3747634.04	0.06383	(15122816)		
407067.48	3747641.62	0.06753	(15122816)	407070.61
3747649.20	0.07006	(15122816)		
407073.74	3747656.78	0.07126	(15122816)	407001.94
3747589.29	0.04686	(12122016)		
406992.46	3747589.28	0.04902	(12122016)	406982.97
3747589.27	0.05057	(12122016)		
406973.49	3747589.26	0.05138	(12122016)	406964.00
3747589.25	0.05136	(12122016)		
406954.52	3747589.24	0.05044	(12122016)	406945.03
3747589.23	0.04860	(12122016)		
406935.55	3747589.22	0.04855	(16120216)	406926.06
3747589.22	0.05105	(16120216)		
406916.58	3747589.21	0.05248	(16120216)	406907.09
3747589.20	0.05281	(16120216)		
406897.61	3747589.19	0.05205	(16120216)	406888.12
3747589.18	0.05030	(16120216)		
406878.63	3747589.17	0.04769	(16120216)	406869.15
3747589.16	0.04441	(16120216)		
406859.66	3747589.15	0.04065	(16120216)	407010.03
3747587.65	0.04410	(13121016)		
407018.10	3747591.00	0.04638	(13121016)	407026.18
3747594.36	0.04782	(13121016)		

407042.34 3747601.07 0.04801 (13121016) 407050.41
3747604.42 0.04684 (13121016)
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** 16:20:29

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM		IN		
		MICROGRAMS/M**3			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)				
407061.83	3747615.86	0.05156	(15122816)		407065.17	
3747623.94	0.05694	(15122816)				
407068.51	3747632.03	0.06158	(15122816)		407071.85	
3747640.11	0.06520	(15122816)				
407075.19	3747648.20	0.06756	(15122816)		407078.53	
3747656.28	0.06847	(15122816)				
407001.95	3747584.29	0.04485	(12122016)		406992.46	
3747584.28	0.04672	(12122016)				
406982.98	3747584.27	0.04801	(12122016)		406973.49	
3747584.26	0.04860	(12122016)				
406964.01	3747584.25	0.04842	(12122016)		406954.52	
3747584.24	0.04741	(12122016)				
406945.04	3747584.23	0.04558	(12122016)		406935.55	
3747584.22	0.04596	(16120216)				
406926.07	3747584.22	0.04834	(16120216)		406916.58	
3747584.21	0.04976	(16120216)				
406907.10	3747584.20	0.05016	(16120216)		406897.61	
3747584.19	0.04956	(16120216)				
406888.12	3747584.18	0.04805	(16120216)		406878.64	
3747584.17	0.04573	(16120216)				
406869.15	3747584.16	0.04276	(16120216)		406859.67	
3747584.15	0.03933	(16120216)				
407010.54	3747582.85	0.04225	(12122016)		407019.12	
3747586.42	0.04403	(13121016)				
407027.70	3747589.98	0.04565	(13121016)		407036.28	
3747593.55	0.04633	(13121016)				
407044.87	3747597.11	0.04608	(13121016)		407053.45	
3747600.68	0.04495	(13121016)				
407065.58	3747612.83	0.04940	(15122816)		407069.13	
3747621.42	0.05481	(15122816)				
407072.68	3747630.01	0.05944	(15122816)		407076.22	
3747638.60	0.06298	(15122816)				
407079.77	3747647.19	0.06516	(15122816)		407083.32	
3747655.78	0.06579	(15122816)				
407001.95	3747579.29	0.04293	(12122016)		406992.47	
3747579.28	0.04455	(12122016)				
406982.98	3747579.27	0.04560	(12122016)		406973.50	
3747579.26	0.04601	(12122016)				
406964.01	3747579.25	0.04569	(12122016)		406954.53	
3747579.24	0.04463	(12122016)				
406945.04	3747579.23	0.04281	(12122016)		406935.56	
3747579.22	0.04357	(16120216)				
406926.07	3747579.22	0.04585	(16120216)		406916.59	

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*** AERMOT - VERSION 22112 ***      C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 16:20:29
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S) : VOL1 ,

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407010.36	3747572.78	0.03903	(12122016)	407018.75	
3747576.26	0.03905	(13121016)			
407027.14	3747579.75	0.04104	(13121016)	407035.54	
3747583.23	0.04226	(13121016)			
407043.93	3747586.72	0.04271	(13121016)	407052.32	
3747590.21	0.04238	(13121016)			
407060.72	3747593.69	0.04132	(13121016)	407072.58	
3747605.58	0.04475	(15122816)			

407076.05	3747613.98	0.04962	(15122816)	407079.52
3747622.38	0.05391	(15122816)		
407082.99	3747630.78	0.05735	(15122816)	407086.46
3747639.18	0.05971	(15122816)		
407089.93	3747647.58	0.06082	(15122816)	407093.40
3747655.98	0.06059	(15122816)		
407001.96	3747569.29	0.03937	(12122016)	406992.48
3747569.28	0.04055	(12122016)		
406982.99	3747569.27	0.04123	(12122016)	406973.51
3747569.26	0.04133	(12122016)		
406964.02	3747569.25	0.04082	(12122016)	406954.54
3747569.24	0.03968	(12122016)		
406945.05	3747569.23	0.03791	(12122016)	406935.57
3747569.22	0.03931	(16120216)		
406926.08	3747569.22	0.04139	(16120216)	406916.60
3747569.21	0.04272	(16120216)		
406907.11	3747569.20	0.04328	(16120216)	406897.62
3747569.19	0.04305	(16120216)		
406888.14	3747569.18	0.04208	(16120216)	406878.65
3747569.17	0.04045	(16120216)		
406869.17	3747569.16	0.03826	(16120216)	406859.68
3747569.15	0.03563	(16120216)		
407009.82	3747567.55	0.03754	(12122016)	407017.67
3747570.81	0.03693	(12122016)		
407025.53	3747574.08	0.03852	(13121016)	407033.38
3747577.34	0.03999	(13121016)		
407041.23	3747580.60	0.04084	(13121016)	407049.09
3747583.86	0.04103	(13121016)		
407056.94	3747587.12	0.04060	(13121016)	407064.79
3747590.38	0.03959	(13121016)		
407075.89	3747601.51	0.04239	(15122816)	407079.14
3747609.37	0.04680	(15122816)		
407082.39	3747617.22	0.05077	(15122816)	407085.64
3747625.08	0.05410	(15122816)		
407088.88	3747632.94	0.05663	(15122816)	407092.13
3747640.80	0.05818	(15122816)		
407095.38	3747648.66	0.05866	(15122816)	407098.62
3747656.52	0.05802	(15122816)		
407001.97	3747564.29	0.03772	(12122016)	406992.48
3747564.28	0.03872	(12122016)		
406983.00	3747564.27	0.03924	(12122016)	406973.51
3747564.26	0.03922	(12122016)		
406964.03	3747564.25	0.03864	(12122016)	406954.54
3747564.24	0.03747	(12122016)		
406945.06	3747564.23	0.03574	(12122016)	406935.57
3747564.22	0.03741	(16120216)		
406926.09	3747564.22	0.03939	(16120216)	406916.60
3747564.21	0.04070	(16120216)		
406907.12	3747564.20	0.04129	(16120216)	406897.63
3747564.19	0.04115	(16120216)		
406888.14	3747564.18	0.04032	(16120216)	406878.66
3747564.17	0.03887	(16120216)		
406869.17	3747564.16	0.03689	(16120216)	406859.69
3747564.15	0.03449	(16120216)		
406854.59	3747664.15	0.13004	(13112916)	406854.58
3747673.64	0.14747	(13112916)		
406854.57	3747683.13	0.16327	(13112916)	406854.56
3747692.63	0.17593	(13112916)		
406854.55	3747702.12	0.18385	(13112916)	406854.54
3747711.62	0.18563	(13112916)		
406854.53	3747721.11	0.20659	(13121916)	406854.52
3747730.61	0.22694	(13121916)		
406854.52	3747740.10	0.23614	(13121916)	406854.51
3747749.60	0.23299	(13121916)		
406854.50	3747759.09	0.21836	(13121916)	406854.49
3747768.59	0.19469	(13121916)		

406854.48	3747778.08	0.16544	(13121916)	406854.47
3747787.58	0.13421	(13121916)		
406854.46	3747797.07	0.12163	(15021709)	406854.45
3747806.57	0.11204	(15021709)		
406849.59	3747664.14	0.12631	(13112916)	406849.58
3747673.63	0.14152	(13112916)		

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406849.57	3747683.13	0.15481	(13112916)	406849.56	
3747692.62	0.16480	(13112916)			
406849.55	3747702.12	0.17018	(13112916)	406849.54	
3747711.61	0.16986	(13112916)			
406849.53	3747721.11	0.19083	(13121916)	406849.52	
3747730.60	0.20974	(13121916)			
406849.52	3747740.10	0.21879	(13121916)	406849.51	
3747749.59	0.21681	(13121916)			
406849.50	3747759.09	0.20442	(13121916)	406849.49	
3747768.58	0.18368	(13121916)			
406849.48	3747778.08	0.15751	(13121916)	406849.47	
3747787.57	0.12918	(13121916)			
406849.46	3747797.07	0.11444	(15021709)	406849.45	
3747806.56	0.10671	(15021709)			
406846.79	3747658.83	0.11581	(13112916)	406854.30	
3747651.34	0.10607	(13112916)			
406844.59	3747664.14	0.12239	(13112916)	406844.58	
3747673.63	0.13555	(13112916)			
406844.57	3747683.12	0.14656	(13112916)	406844.56	
3747692.62	0.15425	(13112916)			
406844.55	3747702.11	0.15751	(13112916)	406844.54	
3747711.61	0.15552	(13112916)			
406844.53	3747721.10	0.17679	(13121916)	406844.52	
3747730.60	0.19443	(13121916)			
406844.52	3747740.09	0.20327	(13121916)	406844.51	
3747749.59	0.20224	(13121916)			
406844.50	3747759.08	0.19178	(13121916)	406844.49	
3747768.58	0.17356	(13121916)			
406844.48	3747778.07	0.15017	(13121916)	406844.47	
3747787.57	0.12438	(13121916)			
406844.46	3747797.06	0.10738	(15021709)	406844.45	
3747806.56	0.10131	(15021709)			
406842.53	3747657.06	0.11068	(13112916)	406852.54	
3747647.07	0.09820	(13112916)			
406839.59	3747664.13	0.11829	(13112916)	406839.58	
3747673.63	0.12959	(13112916)			
406839.57	3747683.12	0.13858	(13112916)	406839.56	
3747692.61	0.14428	(13112916)			
406839.55	3747702.11	0.14578	(13112916)	406839.54	

3747711.60	0.14248	(13112916)	
406839.53	3747721.10	0.16429	(13121916)
3747730.59	0.18072	(13121916)	
406839.52	3747740.09	0.18934	(13121916)
3747749.58	0.18909	(13121916)	
406839.50	3747759.08	0.18025	(13121916)
3747768.57	0.16427	(13121916)	
406839.48	3747778.07	0.14329	(13121916)
3747787.56	0.11986	(13121916)	
406839.46	3747797.06	0.10049	(15021709)
3747806.55	0.09590	(15021709)	
406837.04	3747658.24	0.10895	(13112916)
3747652.35	0.10252	(13112916)	
406847.82	3747644.02	0.09259	(13112916)
3747641.58	0.08896	(13112916)	
406834.59	3747664.13	0.11410	(13112916)
3747673.62	0.12367	(13112916)	
406834.57	3747683.11	0.13089	(13112916)
3747692.61	0.13489	(13112916)	
406834.55	3747702.10	0.13494	(13112916)
3747711.60	0.13256	(13121916)	
406834.53	3747721.09	0.15307	(13121916)
3747730.59	0.16844	(13121916)	
406834.52	3747740.08	0.17680	(13121916)
3747749.58	0.17717	(13121916)	
406834.50	3747759.07	0.16975	(13121916)
3747768.57	0.15568	(13121916)	
406834.48	3747778.06	0.13689	(13121916)
3747787.56	0.11553	(13121916)	
406834.46	3747797.05	0.09384	(15021709)
3747806.55	0.09053	(15021709)	
406832.53	3747657.05	0.10464	(13112916)
3747649.98	0.09767	(13112916)	
406845.47	3747639.99	0.08625	(13112916)
3747637.07	0.08172	(13112916)	
406829.59	3747664.12	0.10983	(13112916)
3747673.62	0.11787	(13112916)	
406829.57	3747683.11	0.12352	(13112916)
3747692.60	0.12606	(13112916)	
406829.55	3747702.10	0.12493	(13112916)
3747711.59	0.12401	(13121916)	

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406829.53	3747721.09	0.14301	(13121916)	406829.52	
3747730.58	0.15737	(13121916)			
406829.52	3747740.08	0.16547	(13121916)	406829.51	
3747749.57	0.16635	(13121916)			

406829.50	3747759.07	0.16013	(13121916)	406829.49
3747768.56	0.14777	(13121916)		
406829.48	3747778.06	0.13087	(13121916)	406829.47
3747787.55	0.11143	(13121916)		
406829.46	3747797.05	0.09132	(13121916)	406829.45
3747806.54	0.08525	(15021709)		
406828.02	3747655.87	0.10052	(13112916)	406831.44
3747647.62	0.09318	(13112916)		
406843.12	3747635.97	0.08043	(13112916)	406851.37
3747632.56	0.07499	(13112916)		
406824.59	3747664.12	0.10554	(13112916)	406824.58
3747673.61	0.11219	(13112916)		
406824.57	3747683.10	0.11647	(13112916)	406824.56
3747692.60	0.11778	(13112916)		
406824.55	3747702.09	0.11570	(13112916)	406824.54
3747711.59	0.11632	(13121916)		
406824.53	3747721.08	0.13391	(13121916)	406824.52
3747730.58	0.14738	(13121916)		
406824.52	3747740.07	0.15519	(13121916)	406824.51
3747749.57	0.15650	(13121916)		
406824.50	3747759.06	0.15131	(13121916)	406824.49
3747768.56	0.14042	(13121916)		
406824.48	3747778.05	0.12525	(13121916)	406824.47
3747787.55	0.10750	(13121916)		
406824.46	3747797.04	0.08894	(13121916)	406824.45
3747806.54	0.08009	(15021709)		
406822.53	3747657.04	0.09805	(13112916)	406825.46
3747649.97	0.09310	(13112916)		
406828.40	3747642.91	0.08675	(13112916)	406838.41
3747632.92	0.07632	(13112916)		
406845.48	3747629.99	0.07213	(13112916)	406852.56
3747627.07	0.06691	(13112916)		
406819.59	3747664.11	0.10126	(13112916)	406819.58
3747673.61	0.10667	(13112916)		
406819.57	3747683.10	0.10975	(13112916)	406819.56
3747692.59	0.11003	(13112916)		
406819.55	3747702.09	0.10718	(13112916)	406819.54
3747711.58	0.10933	(13121916)		
406819.53	3747721.08	0.12569	(13121916)	406819.52
3747730.57	0.13832	(13121916)		
406819.52	3747740.07	0.14586	(13121916)	406819.51
3747749.56	0.14749	(13121916)		
406819.50	3747759.06	0.14319	(13121916)	406819.49
3747768.55	0.13361	(13121916)		
406819.48	3747778.05	0.11996	(13121916)	406819.47
3747787.54	0.10377	(13121916)		
406819.46	3747797.04	0.08659	(13121916)	406819.45
3747806.53	0.07509	(15021709)		
406817.89	3747656.15	0.09422	(13112916)	406821.20
3747648.20	0.08934	(13112916)		
406824.50	3747640.25	0.08274	(13112916)	406835.76
3747629.01	0.07151	(13112916)		
406843.72	3747625.72	0.06680	(13112916)	406851.68
3747622.44	0.06094	(13112916)		
406814.59	3747664.11	0.09702	(13112916)	406814.58
3747673.60	0.10132	(13112916)		
406814.57	3747683.10	0.10337	(13112916)	406814.56
3747692.59	0.10278	(13112916)		
406814.55	3747702.08	0.09933	(13112916)	406814.54
3747711.58	0.10299	(13121916)		
406814.53	3747721.07	0.11821	(13121916)	406814.52
3747730.57	0.13008	(13121916)		
406814.52	3747740.06	0.13734	(13121916)	406814.51
3747749.56	0.13924	(13121916)		
406814.50	3747759.05	0.13570	(13121916)	406814.49
3747768.55	0.12726	(13121916)		

406814.48	3747778.04	0.11499	(13121916)	406814.47
3747787.54	0.10019	(13121916)		
406814.46	3747797.03	0.08432	(13121916)	406814.45
3747806.53	0.07026	(15021709)		
406812.53	3747657.03	0.09122	(13112916)	406815.46
3747649.96	0.08796	(13112916)		
406818.40	3747642.90	0.08330	(13112916)	406821.33
3747635.83	0.07748	(13112916)		
406831.34	3747625.84	0.06796	(13112916)	406838.42
3747622.92	0.06413	(13112916)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406845.49	3747619.99	0.05943	(13112916)	406852.57	
3747617.07	0.05403	(13112916)			
406809.59	3747664.10	0.09284	(13112916)	406809.58	
3747673.60	0.09616	(13112916)			
406809.57	3747683.09	0.09732	(13112916)	406809.56	
3747692.58	0.09601	(13112916)			
406809.55	3747702.08	0.09210	(13112916)	406809.54	
3747711.57	0.09720	(13121916)			
406809.53	3747721.07	0.11141	(13121916)	406809.52	
3747730.56	0.12256	(13121916)			
406809.52	3747740.06	0.12955	(13121916)	406809.51	
3747749.55	0.13166	(13121916)			
406809.50	3747759.05	0.12878	(13121916)	406809.49	
3747768.54	0.12136	(13121916)			
406809.48	3747778.04	0.11029	(13121916)	406809.47	
3747787.53	0.09679	(13121916)			
406809.46	3747797.03	0.08209	(13121916)	406809.45	
3747806.52	0.06740	(13121916)			
406807.82	3747656.32	0.08760	(13112916)	406811.05	
3747648.55	0.08458	(13112916)			
406814.28	3747640.77	0.07993	(13112916)	406817.51	
3747633.00	0.07397	(13112916)			
406828.52	3747622.01	0.06395	(13112916)	406836.30	
3747618.79	0.05977	(13112916)			
406844.08	3747615.58	0.05469	(13112916)	406851.86	
3747612.36	0.04888	(13112916)			
406804.59	3747664.10	0.08875	(13112916)	406804.58	
3747673.59	0.09120	(13112916)			
406804.57	3747683.09	0.09159	(13112916)	406804.56	
3747692.58	0.08970	(13112916)			
406804.55	3747702.07	0.08544	(13112916)	406804.54	
3747711.57	0.09192	(13121916)			
406804.53	3747721.06	0.10518	(13121916)	406804.52	
3747730.56	0.11569	(13121916)			
406804.52	3747740.05	0.12241	(13121916)	406804.51	

406794.54	3747711.56	0.08260	(13121916)	406794.53
3747721.05	0.09423	(13121916)		
406794.52	3747730.55	0.10358	(13121916)	406794.52
3747740.04	0.10979	(13121916)		
406794.51	3747749.54	0.11227	(13121916)	406794.50
3747759.03	0.11088	(13121916)		
406794.49	3747768.53	0.10584	(13121916)	406794.48
3747778.02	0.09774	(13121916)		
406794.47	3747787.52	0.08739	(13121916)	406794.46
3747797.01	0.07575	(13121916)		
406794.45	3747806.51	0.06370	(13121916)	406793.02
3747655.83	0.07763	(13112916)		
406796.44	3747647.59	0.07637	(13112916)	406799.87
3747639.34	0.07345	(13112916)		
406803.29	3747631.10	0.06910	(13112916)	406806.72
3747622.85	0.06362	(13112916)		
406818.39	3747611.19	0.05431	(13112916)	406826.65
3747607.79	0.05038	(13112916)		
406834.90	3747604.38	0.04569	(13112916)	406843.15
3747600.97	0.04118	(14121615)		
406851.41	3747597.56	0.03896	(16120216)	406789.59
3747664.08	0.07710	(13112916)		
406789.58	3747673.58	0.07755	(13112916)	406789.57
3747683.07	0.07628	(13112916)		
406789.56	3747692.57	0.07322	(13112916)	406789.55
3747702.06	0.06845	(13112916)		
406789.54	3747711.55	0.07848	(13121916)	406789.53
3747721.05	0.08940	(13121916)		
406789.52	3747730.54	0.09823	(13121916)	406789.52
3747740.04	0.10420	(13121916)		
406789.51	3747749.53	0.10675	(13121916)	406789.50
3747759.03	0.10572	(13121916)		
406789.49	3747768.52	0.10130	(13121916)	406789.48
3747778.02	0.09399	(13121916)		
406789.47	3747787.51	0.08453	(13121916)	406789.46
3747797.01	0.07374	(13121916)		
406789.45	3747806.50	0.06247	(13121916)	406787.74
3747656.50	0.07443	(13112916)		
406790.88	3747648.93	0.07397	(13112916)	406794.03
3747641.36	0.07215	(13112916)		
406797.17	3747633.78	0.06909	(13112916)	406800.32
3747626.21	0.06499	(13112916)		
406803.46	3747618.64	0.06007	(13112916)	406814.19
3747607.93	0.05190	(13112916)		
406821.77	3747604.80	0.04852	(13112916)	406829.35
3747601.67	0.04456	(13112916)		
406836.93	3747598.54	0.04012	(13112916)	406844.51
3747595.41	0.03783	(14121615)		
406852.08	3747592.28	0.03812	(16120216)	406784.59
3747664.08	0.07346	(13112916)		
406784.58	3747673.57	0.07341	(13112916)	406784.57
3747683.07	0.07175	(13112916)		
406784.56	3747692.56	0.06847	(13112916)	406784.55
3747702.05	0.06365	(13112916)		
406784.54	3747711.55	0.07468	(13121916)	406784.53
3747721.04	0.08494	(13121916)		
406784.52	3747730.54	0.09330	(13121916)	406784.52
3747740.03	0.09903	(13121916)		
406784.51	3747749.53	0.10162	(13121916)	406784.50
3747759.02	0.10091	(13121916)		
406784.49	3747768.52	0.09704	(13121916)	406784.48
3747778.01	0.09045	(13121916)		
406784.47	3747787.51	0.08178	(13121916)	406784.46
3747797.00	0.07179	(13121916)		
406784.45	3747806.50	0.06123	(13121916)	406782.95
3747655.99	0.07131	(13112916)		

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FF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      06/27/23
*** AERMET - VERSION 16216 ***
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***      16:20:29

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): VOL1

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406779.56	3747692.56	0.06405	(13112916)	406779.55	
3747702.05	0.06053	(13121916)			
406779.54	3747711.54	0.07115	(13121916)	406779.53	
3747721.04	0.08082	(13121916)			
406779.52	3747730.53	0.08873	(13121916)	406779.52	
3747740.03	0.09423	(13121916)			
406779.51	3747749.52	0.09685	(13121916)	406779.50	
3747759.02	0.09642	(13121916)			
406779.49	3747768.51	0.09304	(13121916)	406779.48	
3747778.01	0.08709	(13121916)			
406779.47	3747787.50	0.07915	(13121916)	406779.46	
3747797.00	0.06988	(13121916)			
406779.45	3747806.49	0.06001	(13121916)	406778.16	
3747655.48	0.06832	(13112916)			
406781.72	3747646.90	0.06847	(13112916)	406785.29	
3747638.32	0.06706	(13112916)			
406788.85	3747629.74	0.06422	(13112916)	406792.42	
3747621.15	0.06016	(13112916)			
406795.98	3747612.57	0.05517	(13112916)	406808.13	
3747600.44	0.04667	(13112916)			
406816.72	3747596.89	0.04305	(13112916)	406825.31	
3747593.34	0.03882	(13112916)			
406833.90	3747589.79	0.03552	(14121615)	406842.49	
3747586.25	0.03310	(14121615)			
406851.08	3747582.70	0.03566	(16120216)	406774.59	
3747664.07	0.06659	(13112916)			
406774.58	3747673.56	0.06574	(13112916)	406774.57	
3747683.06	0.06351	(13112916)			
406774.56	3747692.55	0.05993	(13112916)	406774.55	
3747702.05	0.05789	(13121916)			
406774.54	3747711.54	0.06788	(13121916)	406774.53	

3747721.03	0.07699	(13121916)	
406774.52	3747730.53	0.08449	(13121916) 406774.52
3747740.02	0.08978	(13121916)	
406774.51	3747749.52	0.09241	(13121916) 406774.50
3747759.01	0.09222	(13121916)	
406774.49	3747768.51	0.08927	(13121916) 406774.48
3747778.00	0.08391	(13121916)	
406774.47	3747787.50	0.07662	(13121916) 406774.46
3747796.99	0.06804	(13121916)	
406774.45	3747806.49	0.05879	(13121916) 406772.89
3747656.11	0.06527	(13112916)	
406776.20	3747648.16	0.06594	(13112916) 406779.50
3747640.21	0.06533	(13112916)	
406782.80	3747632.25	0.06350	(13112916) 406786.10
3747624.30	0.06059	(13112916)	
406789.41	3747616.35	0.05678	(13112916) 406792.71
3747608.40	0.05227	(13112916)	
406803.97	3747597.16	0.04473	(13112916) 406811.93
3747593.87	0.04158	(13112916)	
406819.89	3747590.59	0.03795	(13112916) 406827.85
3747587.30	0.03458	(14121615)	
406835.80	3747584.01	0.03262	(14121615) 406843.76
3747580.72	0.03243	(16120216)	
406851.72	3747577.44	0.03483	(16120216) 406769.59
3747664.06	0.06335	(13112916)	
406769.58	3747673.56	0.06219	(13112916) 406769.57
3747683.05	0.05976	(13112916)	
406769.56	3747692.55	0.05610	(13112916) 406769.55
3747702.04	0.05543	(13121916)	
406769.54	3747711.53	0.06484	(13121916) 406769.53
3747721.03	0.07344	(13121916)	
406769.52	3747730.52	0.08055	(13121916) 406769.52
3747740.02	0.08564	(13121916)	
406769.51	3747749.51	0.08827	(13121916) 406769.50
3747759.01	0.08828	(13121916)	
406769.49	3747768.50	0.08573	(13121916) 406769.48
3747778.00	0.08088	(13121916)	
406769.47	3747787.49	0.07421	(13121916) 406769.46
3747796.99	0.06624	(13121916)	
406769.45	3747806.48	0.05759	(13121916) 406768.08
3747655.66	0.06248	(13112916)	
406771.56	3747647.27	0.06340	(13112916) 406775.05
3747638.88	0.06300	(13112916)	
406778.54	3747630.48	0.06132	(13112916) 406782.02
3747622.09	0.05848	(13112916)	
406785.51	3747613.70	0.05470	(13112916) 406788.99
3747605.30	0.05017	(13112916)	
406800.88	3747593.44	0.04255	(13112916) 406809.28
3747589.97	0.03932	(13112916)	

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
 GP\14635 Cons *** 06/27/23
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M) (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406817.68	3747586.50	0.03561	(13112916)	406826.08	
3747583.03	0.03274	(14121615)			
406834.48	3747579.56	0.03070	(14121615)	406842.88	
3747576.09	0.03137	(16120216)			
406851.28	3747572.62	0.03372	(16120216)	406764.59	
3747664.06	0.06025	(13112916)			
406764.58	3747673.55	0.05882	(13112916)	406764.57	
3747683.05	0.05623	(13112916)			
406764.56	3747692.54	0.05254	(13112916)	406764.55	
3747702.04	0.05313	(13121916)			
406764.54	3747711.53	0.06201	(13121916)	406764.53	
3747721.02	0.07013	(13121916)			
406764.52	3747730.52	0.07689	(13121916)	406764.52	
3747740.01	0.08178	(13121916)			
406764.51	3747749.51	0.08440	(13121916)	406764.50	
3747759.00	0.08459	(13121916)			
406764.49	3747768.50	0.08238	(13121916)	406764.48	
3747777.99	0.07801	(13121916)			
406764.47	3747787.49	0.07188	(13121916)	406764.46	
3747796.98	0.06450	(13121916)			
406764.45	3747806.48	0.05639	(13121916)	406762.85	
3747656.20	0.05958	(13112916)			
406766.11	3747648.34	0.06083	(13112916)	406769.38	
3747640.49	0.06100	(13112916)			
406772.64	3747632.64	0.06008	(13112916)	406775.90	
3747624.78	0.05815	(13112916)			
406779.16	3747616.93	0.05533	(13112916)	406782.42	
3747609.08	0.05178	(13112916)			
406785.69	3747601.22	0.04766	(13112916)	406796.81	
3747590.12	0.04083	(13112916)			
406804.67	3747586.88	0.03799	(13112916)	406812.53	
3747583.63	0.03474	(13112916)			
406820.39	3747580.38	0.03181	(14121615)	406828.25	
3747577.14	0.03013	(14121615)			
406836.11	3747573.89	0.02862	(16120216)	406843.97	
3747570.64	0.03090	(16120216)			
406851.83	3747567.40	0.03288	(16120216)	406759.59	
3747664.05	0.05728	(13112916)			
406759.58	3747673.55	0.05564	(13112916)	406759.57	
3747683.04	0.05293	(13112916)			
406759.56	3747692.54	0.04922	(13112916)	406759.55	
3747702.03	0.05097	(13121916)			
406759.54	3747711.53	0.05936	(13121916)	406759.53	
3747721.02	0.06705	(13121916)			
406759.52	3747730.51	0.07347	(13121916)	406759.52	
3747740.01	0.07817	(13121916)			
406759.51	3747749.50	0.08077	(13121916)	406759.50	
3747759.00	0.08112	(13121916)			
406759.49	3747768.49	0.07922	(13121916)	406759.48	
3747777.99	0.07528	(13121916)			
406759.47	3747787.48	0.06966	(13121916)	406759.46	
3747796.98	0.06280	(13121916)			
406759.45	3747806.47	0.05522	(13121916)	406859.45	
3747811.57	0.11081	(15021709)			
406868.94	3747811.56	0.11797	(15021709)	406878.43	
3747811.55	0.12506	(14021809)			
406887.91	3747811.54	0.14014	(14021809)	406897.40	
3747811.53	0.17430	(14120316)			
406906.88	3747811.52	0.21416	(14120316)	406916.37	
3747811.51	0.24984	(14120316)			
406925.86	3747811.50	0.27718	(14120316)	406935.34	
3747811.50	0.29302	(14120316)			

406944.83	3747811.49	0.29602	(14120316)	406954.31
3747811.48	0.28643	(14120316)		
406963.80	3747811.47	0.26607	(14120316)	406973.29
3747811.46	0.23786	(14120316)		
406982.77	3747811.45	0.20514	(14120316)	406992.26
3747811.44	0.17102	(14120316)		
407001.74	3747811.43	0.13855	(13112016)	406859.46
3747816.57	0.10432	(15021709)		
406868.95	3747816.56	0.10969	(15021709)	406878.43
3747816.55	0.11888	(14021809)		
406887.92	3747816.54	0.13179	(14021809)	406897.40
3747816.53	0.15865	(14120316)		
406906.89	3747816.52	0.19474	(14120316)	406916.38
3747816.51	0.22734	(14120316)		
406925.86	3747816.50	0.25283	(14120316)	406935.35
3747816.50	0.26842	(14120316)		
406944.83	3747816.49	0.27274	(14120316)	406954.32
3747816.48	0.26578	(14120316)		

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406963.81	3747816.47	0.24897	(14120316)	406973.29	
3747816.46	0.22471	(14120316)			
406982.78	3747816.45	0.19580	(14120316)	406992.26	
3747816.44	0.16512	(14120316)			
407001.75	3747816.43	0.13526	(12113016)	406854.15	
3747819.37	0.09760	(15021709)			
406846.65	3747811.87	0.09933	(15021709)	406859.46	
3747821.57	0.09784	(15021709)			
406868.95	3747821.56	0.10164	(15021709)	406878.44	
3747821.55	0.11300	(14021809)			
406887.92	3747821.54	0.12400	(14021809)	406897.41	
3747821.53	0.14502	(14120316)			
406906.89	3747821.52	0.17773	(14120316)	406916.38	
3747821.51	0.20761	(14120316)			
406925.87	3747821.50	0.23143	(14120316)	406935.35	
3747821.50	0.24664	(14120316)			
406944.84	3747821.49	0.25194	(14120316)	406954.32	
3747821.48	0.24716	(14120316)			
406963.81	3747821.47	0.23334	(14120316)	406973.30	
3747821.46	0.21246	(14120316)			
406982.78	3747821.45	0.18698	(14120316)	406992.27	
3747821.44	0.15933	(14120316)			
407001.75	3747821.43	0.13192	(12113016)	406852.39	
3747823.64	0.09188	(15021709)			
406842.38	3747813.63	0.09412	(15021709)	406859.47	
3747826.57	0.09145	(15021709)			
406868.96	3747826.56	0.09620	(14021809)	406878.44	

3747826.55	0.10739	(14021809)	
406887.93	3747826.54	0.11673	(14021809) 406897.41
3747826.53	0.13301	(14120316)	
406906.90	3747826.52	0.16282	(14120316) 406916.39
3747826.51	0.19026	(14120316)	
406925.87	3747826.50	0.21250	(14120316) 406935.36
3747826.50	0.22729	(14120316)	
406944.84	3747826.49	0.23331	(14120316) 406954.33
3747826.48	0.23029	(14120316)	
406963.82	3747826.47	0.21901	(14120316) 406973.30
3747826.46	0.20109	(14120316)	
406982.79	3747826.45	0.17858	(14120316) 406992.27
3747826.44	0.15373	(14120316)	
407001.76	3747826.43	0.12849	(14120316) 406853.57
3747829.13	0.08637	(15021709)	
406847.67	3747826.69	0.08640	(15021709) 406839.33
3747818.35	0.08819	(15021709)	
406836.89	3747812.45	0.08996	(15021709) 406859.47
3747831.57	0.08520	(15021709)	
406868.96	3747831.56	0.09227	(14021809) 406878.45
3747831.55	0.10205	(14021809)	
406887.93	3747831.54	0.10993	(14021809) 406897.42
3747831.53	0.12244	(14120316)	
406906.90	3747831.52	0.14964	(14120316) 406916.39
3747831.51	0.17490	(14120316)	
406925.88	3747831.50	0.19572	(14120316) 406935.36
3747831.50	0.21000	(14120316)	
406944.85	3747831.49	0.21655	(14120316) 406954.33
3747831.48	0.21498	(14120316)	
406963.82	3747831.47	0.20585	(14120316) 406973.31
3747831.46	0.19047	(14120316)	
406982.79	3747831.45	0.17064	(14120316) 406992.28
3747831.44	0.14826	(14120316)	
407001.76	3747831.43	0.12519	(14120316) 406852.40
3747833.64	0.08110	(15021709)	
406845.32	3747830.71	0.08156	(15021709) 406835.31
3747820.70	0.08363	(15021709)	
406832.38	3747813.62	0.08525	(15021709) 406859.48
3747836.57	0.07914	(15021709)	
406868.97	3747836.56	0.08846	(14021809) 406878.45
3747836.55	0.09697	(14021809)	
406887.94	3747836.54	0.10358	(14021809) 406897.42
3747836.53	0.11304	(14120316)	
406906.91	3747836.52	0.13798	(14120316) 406916.40
3747836.51	0.16129	(14120316)	
406925.88	3747836.50	0.18075	(14120316) 406935.37
3747836.50	0.19453	(14120316)	
406944.85	3747836.49	0.20143	(14120316) 406954.34
3747836.48	0.20104	(14120316)	
406963.83	3747836.47	0.19373	(14120316) 406973.31
3747836.46	0.18058	(14120316)	
406982.80	3747836.45	0.16309	(14120316) 406992.28
3747836.44	0.14298	(14120316)	

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***      06/27/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
407001.77	3747836.43	0.12186	(14120316)	406851.22	
3747838.15	0.07612	(15021709)			
406842.96	3747834.74	0.07705	(15021709)	406831.28	
3747823.06	0.07938	(15021709)			
406827.87	3747814.80	0.08076	(15021709)	406859.48	
3747841.57	0.07615	(14021809)			
406868.97	3747841.56	0.08475	(14021809)	406878.46	
3747841.55	0.09214	(14021809)			
406887.94	3747841.54	0.09764	(14021809)	406897.43	
3747841.53	0.10470	(14120316)			
406906.91	3747841.52	0.12758	(14120316)	406916.40	
3747841.51	0.14913	(14120316)			
406925.89	3747841.50	0.16737	(14120316)	406935.37	
3747841.50	0.18060	(14120316)			
406944.86	3747841.49	0.18775	(14120316)	406954.34	
3747841.48	0.18832	(14120316)			
406963.83	3747841.47	0.18256	(14120316)	406973.32	
3747841.46	0.17133	(14120316)			
406982.80	3747841.45	0.15594	(14120316)	406992.29	
3747841.44	0.13784	(14120316)			
407001.77	3747841.43	0.11856	(14120316)	406852.41	
3747843.64	0.07070	(15021709)			
406845.33	3747840.71	0.07243	(15021709)	406838.25	
3747837.78	0.07289	(15021709)			
406828.24	3747827.77	0.07481	(15021709)	406825.31	
3747820.69	0.07628	(15021709)			
406822.38	3747813.61	0.07639	(15021709)	406859.49	
3747846.57	0.07354	(14021809)			
406868.98	3747846.56	0.08118	(14021809)	406878.46	
3747846.55	0.08755	(14021809)			
406887.95	3747846.54	0.09209	(14021809)	406897.43	
3747846.53	0.09721	(14120316)			
406906.92	3747846.52	0.11830	(14120316)	406916.41	
3747846.51	0.13826	(14120316)			
406925.89	3747846.50	0.15535	(14120316)	406935.38	
3747846.50	0.16805	(14120316)			
406944.86	3747846.49	0.17532	(14120316)	406954.35	
3747846.48	0.17667	(14120316)			
406963.84	3747846.47	0.17223	(14120316)	406973.32	
3747846.46	0.16269	(14120316)			
406982.81	3747846.45	0.14914	(14120316)	406992.29	
3747846.44	0.13289	(14120316)			
407001.78	3747846.43	0.11526	(14120316)	406851.53	
3747848.27	0.06609	(15021709)			
406843.56	3747844.98	0.06831	(15021709)	406835.60	
3747841.68	0.06907	(15021709)			
406824.34	3747830.42	0.07116	(15021709)	406821.04	
3747822.46	0.07247	(15021709)			
406817.75	3747814.49	0.07220	(15021709)	406859.49	
3747851.57	0.07096	(14021809)			
406868.98	3747851.56	0.07772	(14021809)	406878.47	
3747851.55	0.08319	(14021809)			
406887.95	3747851.54	0.08690	(14021809)	406897.44	
3747851.53	0.09051	(14120316)			
406906.92	3747851.52	0.10994	(14120316)	406916.41	
3747851.51	0.12847	(14120316)			
406925.90	3747851.50	0.14452	(14120316)	406935.38	
3747851.50	0.15668	(14120316)			

406944.87	3747851.49	0.16402	(14120316)	406954.35
3747851.48	0.16600	(14120316)		
406963.84	3747851.47	0.16268	(14120316)	406973.33
3747851.46	0.15459	(14120316)		
406982.81	3747851.45	0.14269	(14120316)	406992.30
3747851.44	0.12808	(14120316)		
407001.78	3747851.43	0.11201	(14120316)	406852.42
3747853.64	0.06460	(14021809)		
406845.34	3747850.71	0.06356	(15021709)	406838.26
3747847.78	0.06509	(15021709)		
406831.18	3747844.85	0.06554	(15021709)	406821.17
3747834.84	0.06732	(15021709)		
406818.24	3747827.76	0.06865	(15021709)	406815.31
3747820.68	0.06885	(15021709)		
406812.38	3747813.60	0.06784	(15021709)	406859.50
3747856.57	0.06844	(14021809)		
406868.99	3747856.56	0.07439	(14021809)	406878.47
3747856.55	0.07906	(14021809)		
406887.96	3747856.54	0.08204	(14021809)	406897.44
3747856.53	0.08444	(14120316)		
406906.93	3747856.52	0.10244	(14120316)	406916.42
3747856.51	0.11967	(14120316)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 16:20:29

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
406925.90	3747856.50	0.13473	(14120316)	406935.39	
3747856.50	0.14638	(14120316)			
406944.87	3747856.49	0.15370	(14120316)	406954.36	
3747856.48	0.15618	(14120316)			
406963.85	3747856.47	0.15380	(14120316)	406973.33	
3747856.46	0.14700	(14120316)			
406982.82	3747856.45	0.13655	(14120316)	406992.30	
3747856.44	0.12346	(14120316)			
407001.79	3747856.43	0.10877	(14120316)	406851.72	
3747858.35	0.06225	(14021809)			
406843.93	3747855.13	0.05977	(15021709)	406836.14	
3747851.90	0.06162	(15021709)			
406828.35	3747848.68	0.06227	(15021709)	406817.34	
3747837.67	0.06416	(15021709)			
406814.12	3747829.88	0.06540	(15021709)	406810.89	
3747822.09	0.06534	(15021709)			
406807.67	3747814.30	0.06394	(15021709)	406859.50	
3747861.57	0.06595	(14021809)			
406868.99	3747861.56	0.07118	(14021809)	406878.48	
3747861.55	0.07515	(14021809)			
406887.96	3747861.54	0.07749	(14021809)	406897.45	
3747861.53	0.07897	(14120316)			
406906.93	3747861.52	0.09563	(14120316)	406916.42	

3747861.51	0.11168	(14120316)	
406925.91	3747861.50	0.12585	(14120316) 406935.39
3747861.50	0.13698	(14120316)	
406944.88	3747861.49	0.14425	(14120316) 406954.36
3747861.48	0.14713	(14120316)	
406963.85	3747861.47	0.14556	(14120316) 406973.34
3747861.46	0.13987	(14120316)	
406982.82	3747861.45	0.13072	(14120316) 406992.31
3747861.44	0.11897	(14120316)	
407001.79	3747861.43	0.10561	(14120316) 406851.01
3747863.06	0.05999	(14021809)	
406834.02	3747856.03	0.05838	(15021709) 406825.52
3747852.51	0.05923	(15021709)	
406813.51	3747840.50	0.06121	(15021709) 406809.99
3747832.00	0.06233	(15021709)	
406806.48	3747823.51	0.06203	(15021709) 406802.96
3747815.01	0.06023	(15021709)	
406859.51	3747866.57	0.06353	(14021809) 406869.00
3747866.56	0.06811	(14021809)	
406878.48	3747866.55	0.07144	(14021809) 406887.97
3747866.54	0.07323	(14021809)	
406897.45	3747866.53	0.07398	(14120316) 406906.94
3747866.52	0.08947	(14120316)	
406916.43	3747866.51	0.10444	(14120316) 406925.91
3747866.50	0.11776	(14120316)	
406935.40	3747866.50	0.12841	(14120316) 406944.88
3747866.49	0.13557	(14120316)	
406954.37	3747866.48	0.13877	(14120316) 406963.86
3747866.47	0.13789	(14120316)	
406973.34	3747866.46	0.13318	(14120316) 406982.83
3747866.45	0.12518	(14120316)	
406992.31	3747866.44	0.11467	(14120316) 407001.80
3747866.43	0.10248	(14120316)	
406851.84	3747868.40	0.05849	(14021809) 406844.17
3747865.22	0.05484	(14021809)	
406836.50	3747862.05	0.05429	(15021709) 406828.83
3747858.88	0.05585	(15021709)	
406821.16	3747855.70	0.05644	(15021709) 406810.32
3747844.86	0.05816	(15021709)	
406807.14	3747837.19	0.05930	(15021709) 406803.97
3747829.52	0.05939	(15021709)	
406800.80	3747821.85	0.05835	(15021709) 406797.62
3747814.18	0.05621	(15021709)	
406859.51	3747871.57	0.06117	(14021809) 406869.00
3747871.56	0.06515	(14021809)	
406878.49	3747871.55	0.06793	(14021809) 406887.97
3747871.54	0.06924	(14021809)	
406897.46	3747871.53	0.06946	(14120316) 406906.94
3747871.52	0.08385	(14120316)	
406916.43	3747871.51	0.09784	(14120316) 406925.92
3747871.50	0.11040	(14120316)	
406935.40	3747871.50	0.12055	(14120316) 406944.89
3747871.49	0.12760	(14120316)	
406954.37	3747871.48	0.13104	(14120316) 406963.86
3747871.47	0.13074	(14120316)	
406973.35	3747871.46	0.12688	(14120316) 406982.83
3747871.45	0.11992	(14120316)	

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 06/27/23
 *** AERMET - VERSION 16216 ***
 *** *** 16:20:29

SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC (YYMMDDHH)		X-COORD (M)		Y-COORD	
(M)	CONC	(YYMMDDHH)							
406992.32	3747871.44	0.11050	(14120316)			407001.80			
3747871.43	0.09942	(14120316)							
406851.26	3747873.15	0.05640	(14021809)			406843.00			
3747869.74	0.05283	(14021809)							
406834.74	3747866.32	0.05132	(15021709)			406826.47			
3747862.90	0.05309	(15021709)							
406818.21	3747859.48	0.05381	(15021709)			406806.54			
3747847.81	0.05559	(15021709)							
406803.12	3747839.55	0.05666	(15021709)			406799.70			
3747831.28	0.05658	(15021709)							
406796.28	3747823.02	0.05528	(15021709)			406792.87			
3747814.76	0.05331	(13121916)							
406859.52	3747876.57	0.05888	(14021809)			406869.00			
3747876.56	0.06232	(14021809)							
406878.49	3747876.55	0.06461	(14021809)			406887.98			
3747876.54	0.06550	(14021809)							
406897.46	3747876.53	0.06531	(14120316)			406906.95			
3747876.52	0.07874	(14120316)							
406916.43	3747876.51	0.09181	(14120316)			406925.92			
3747876.50	0.10365	(14120316)							
406935.41	3747876.50	0.11336	(14120316)			406944.89			
3747876.49	0.12025	(14120316)							
406954.38	3747876.48	0.12388	(14120316)			406963.86			
3747876.47	0.12408	(14120316)							
406973.35	3747876.46	0.12096	(14120316)			406982.84			
3747876.45	0.11491	(14120316)							
406992.32	3747876.44	0.10651	(14120316)			407001.81			
3747876.43	0.09642	(14120316)							
406851.94	3747878.43	0.05479	(14021809)			406844.35			
3747875.29	0.05202	(14021809)							
406836.76	3747872.16	0.04850	(14021809)			406829.18			
3747869.02	0.04951	(15021709)							
406821.59	3747865.88	0.05086	(15021709)			406814.00			
3747862.74	0.05138	(15021709)							
406803.28	3747852.02	0.05296	(15021709)			406800.14			
3747844.43	0.05402	(15021709)							
406797.00	3747836.84	0.05419	(15021709)			406793.86			
3747829.26	0.05342	(15021709)							
406790.73	3747821.67	0.05172	(15021709)			406787.59			
3747814.08	0.05334	(13121916)							
406859.52	3747881.57	0.05665	(14021809)			406869.01			
3747881.56	0.05962	(14021809)							
406878.50	3747881.55	0.06147	(14021809)			406887.98			
3747881.54	0.06200	(14021809)							
406897.47	3747881.53	0.06153	(14120316)			406906.95			
3747881.52	0.07405	(14120316)							
406916.44	3747881.51	0.08631	(14120316)			406925.93			
3747881.50	0.09748	(14120316)							
406935.41	3747881.50	0.10674	(14120316)			406944.90			
3747881.49	0.11348	(14120316)							
406954.38	3747881.48	0.11724	(14120316)			406963.87			
3747881.47	0.11785	(14120316)							
406973.36	3747881.46	0.11538	(14120316)			406982.84			
3747881.45	0.11015	(14120316)							


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*** AERMOT - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      ***          06/27/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 16:20:29
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S) : VOL1 ,

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
406973.36	3747886.46	0.11013	(14120316)	406982.85	
3747886.45	0.10563	(14120316)			
406992.33	3747886.44	0.09895	(14120316)	407001.82	
3747886.43	0.09063	(14120316)			
406850.94	3747888.01	0.05095	(14021809)	406842.34	
3747884.46	0.04843	(14021809)			
406833.74	3747880.90	0.04503	(14021809)	406816.54	
3747873.79	0.04624	(15021709)			
406807.94	3747870.23	0.04696	(15021709)	406795.79	
3747858.08	0.04862	(15021709)			
406792.23	3747849.48	0.04956	(15021709)	406788.68	
3747840.88	0.04950	(15021709)			
406785.12	3747832.28	0.04838	(15021709)	406781.56	
3747823.68	0.04623	(15021709)			
406778.01	3747815.08	0.05088	(13121916)	406859.53	
3747891.57	0.05241	(14021809)			
406869.02	3747891.56	0.05456	(14021809)	406878.51	
3747891.55	0.05568	(14021809)			
406887.99	3747891.54	0.05564	(14021809)	406897.48	

3747891.53	0.05485	(14120316)	
406906.96	3747891.52	0.06582	(14120316) 406916.45
3747891.51	0.07662	(14120316)	
406925.94	3747891.50	0.08658	(14120316) 406935.42
3747891.50	0.09502	(14120316)	
406944.91	3747891.49	0.10141	(14120316) 406954.39
3747891.48	0.10533	(14120316)	
406963.88	3747891.47	0.10658	(14120316) 406973.37
3747891.46	0.10518	(14120316)	
406982.85	3747891.45	0.10133	(14120316) 406992.34
3747891.44	0.09539	(14120316)	
407001.82	3747891.43	0.08784	(14120316) 406851.57
3747893.27	0.04936	(14021809)	
406843.61	3747889.98	0.04745	(14021809) 406835.64
3747886.68	0.04478	(14021809)	
406827.67	3747883.39	0.04148	(14021809) 406819.71
3747880.09	0.04315	(15021709)	
406811.74	3747876.80	0.04443	(15021709) 406803.78
3747873.50	0.04498	(15021709)	
406792.52	3747862.24	0.04646	(15021709) 406789.22
3747854.28	0.04740	(15021709)	
406785.93	3747846.31	0.04755	(15021709) 406782.63
3747838.35	0.04685	(15021709)	
406779.34	3747830.38	0.04531	(15021709) 406776.04
3747822.41	0.04353	(13121916)	
406772.75	3747814.45	0.05071	(13121916) 406859.54
3747896.57	0.05039	(14021809)	
406869.02	3747896.56	0.05220	(14021809) 406878.51
3747896.55	0.05302	(14021809)	
406888.00	3747896.54	0.05275	(14021809) 406897.48
3747896.53	0.05190	(14120316)	
406906.97	3747896.52	0.06219	(14120316) 406916.45
3747896.51	0.07234	(14120316)	
406925.94	3747896.50	0.08176	(14120316) 406935.43
3747896.50	0.08983	(14120316)	
406944.91	3747896.49	0.09602	(14120316) 406954.40
3747896.48	0.09998	(14120316)	
406963.88	3747896.47	0.10148	(14120316) 406973.37
3747896.46	0.10051	(14120316)	
406982.86	3747896.45	0.09723	(14120316) 406992.34
3747896.44	0.09197	(14120316)	
407001.83	3747896.43	0.08513	(14120316) 406851.13
3747898.09	0.04760	(14021809)	
406842.73	3747894.61	0.04583	(14021809) 406834.32
3747891.14	0.04324	(14021809)	
406825.91	3747887.66	0.03998	(14021809) 406817.50
3747884.18	0.04110	(15021709)	
406809.09	3747880.70	0.04249	(15021709) 406800.68
3747877.22	0.04310	(15021709)	
406788.80	3747865.34	0.04461	(15021709) 406785.32
3747856.93	0.04550	(15021709)	
406781.84	3747848.52	0.04556	(15021709) 406778.36
3747840.11	0.04474	(15021709)	
406774.88	3747831.70	0.04305	(15021709) 406771.41
3747823.29	0.04238	(13121916)	
406767.93	3747814.89	0.04956	(13121916) 406859.54
3747901.57	0.04845	(14021809)	
406869.03	3747901.56	0.04994	(14021809) 406878.52
3747901.55	0.05050	(14021809)	
406888.00	3747901.54	0.05004	(14021809) 406897.49
3747901.53	0.04924	(13121116)	

*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC (YYMMDDHH)		X-COORD (M)		Y-COORD	
(M)	CONC	(YYMMDDHH)							
406906.97	3747901.52	0.05883	(14120316)			406916.46			
3747901.51	0.06840	(14120316)							
406925.95	3747901.50	0.07732	(14120316)			406935.43			
3747901.50	0.08501	(14120316)							
406944.92	3747901.49	0.09103	(14120316)			406954.40			
3747901.48	0.09499	(14120316)							
406963.89	3747901.47	0.09669	(14120316)			406973.38			
3747901.46	0.09610	(14120316)							
406982.86	3747901.45	0.09334	(14120316)			406992.35			
3747901.44	0.08868	(14120316)							
407001.83	3747901.43	0.08250	(14120316)			406851.68			
3747903.32	0.04603	(14021809)							
406843.81	3747900.06	0.04471	(14021809)			406835.95			
3747896.81	0.04269	(14021809)							
406828.08	3747893.55	0.04006	(14021809)			406820.21			
3747890.30	0.03802	(15021709)							
406812.34	3747887.04	0.03975	(15021709)			406804.47			
3747883.79	0.04087	(15021709)							
406796.61	3747880.54	0.04136	(15021709)			406785.48			
3747869.41	0.04272	(15021709)							
406782.23	3747861.55	0.04360	(15021709)			406778.98			
3747853.68	0.04380	(15021709)							
406775.72	3747845.81	0.04328	(15021709)			406772.47			
3747837.94	0.04205	(15021709)							
406769.21	3747830.07	0.04013	(15021709)			406765.96			
3747822.21	0.04287	(13121916)							
406762.70	3747814.34	0.04923	(13121916)			406859.55			
3747906.57	0.04657	(14021809)							
406869.03	3747906.56	0.04779	(14021809)			406878.52			
3747906.55	0.04812	(14021809)							
406888.01	3747906.54	0.04750	(14021809)			406897.49			
3747906.53	0.04684	(13121116)							
406906.98	3747906.52	0.05573	(14120316)			406916.46			
3747906.51	0.06475	(14120316)							
406925.95	3747906.50	0.07319	(14120316)			406935.44			
3747906.50	0.08055	(14120316)							
406944.92	3747906.49	0.08638	(14120316)			406954.41			
3747906.48	0.09033	(14120316)							
406963.89	3747906.47	0.09220	(14120316)			406973.38			
3747906.46	0.09194	(14120316)							
406982.87	3747906.45	0.08964	(14120316)			406992.35			
3747906.44	0.08553	(14120316)							
407001.84	3747906.43	0.07993	(14120316)			406859.45			
3747806.57	0.11723	(15021709)							
407001.74	3747806.43	0.14297	(13112016)			407001.87			
3747664.29	0.12149	(15122816)							
406859.59	3747664.15	0.13346							
(13112916)									

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

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

** CONC OF DPM IN

MICROGRAMS/M**3**

NETWORK		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL,		
GROUP ID	OF TYPE GRID-ID				
ZFLAG)					
ALL	1ST HIGHEST VALUE IS	0.01044 AT (406944.83, 3747811.49, 29.00,			
29.00,	0.00) DC				
	2ND HIGHEST VALUE IS	0.01040 AT (406935.34, 3747811.50, 29.00,			
	29.00, 0.00) DC				
	3RD HIGHEST VALUE IS	0.01016 AT (406954.31, 3747811.48, 29.00,			
	29.00, 0.00) DC				
	4TH HIGHEST VALUE IS	0.01004 AT (406925.86, 3747811.50, 29.00,			
	29.00, 0.00) DC				
	5TH HIGHEST VALUE IS	0.00962 AT (406963.80, 3747811.47, 29.00,			
	29.00, 0.00) DC				
	6TH HIGHEST VALUE IS	0.00936 AT (406916.37, 3747811.51, 29.00,			
	29.00, 0.00) DC				
	7TH HIGHEST VALUE IS	0.00935 AT (407006.79, 3747749.58, 29.00,			
	29.00, 0.00) DC				
	8TH HIGHEST VALUE IS	0.00930 AT (406944.83, 3747816.49, 29.00,			
	29.00, 0.00) DC				
	9TH HIGHEST VALUE IS	0.00922 AT (406935.35, 3747816.50, 29.00,			
	29.00, 0.00) DC				
	10TH HIGHEST VALUE IS	0.00920 AT (407006.78, 3747759.05, 29.00,			
	29.00, 0.00) DC				

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

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*** MODELOPTs: NonDEFAULT CONC FLAT URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF DPM IN

MICROGRAMS/M**3**

NETWORK		AVERAGE CONC	DATE	RECEPTOR (XR, YR,		
GROUP ID	OF TYPE GRID-ID					
ZELEV, ZHILL, ZFLAG)						

ALL HIGH 1ST HIGH VALUE IS 0.29602 ON 14120316: AT (406944.83, 3747811.49,
29.00, 29.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 06/27/23

*** AERMET - VERSION 16216 ***

*** *** 16:20:29

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*** MODELOPTs: NonDFAULT CONC FLAT 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 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 1978 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1978 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS I-5 CO\14635 OPS I-5
CO.ADI
**
*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**
CO STARTING
  TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
  MODELOPT DFAULT CONC
  AVERTIME 1 8
  URBANOPT 3010232 ORANGE_COUNTY
  POLLUTID CO
  RUNORNOT RUN
  ERRORFIL "14635 OPS I-5 CO.ERR"
CO FINISHED
**
*****
** AERMOD SOURCE PATHWAY
*****
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** -----
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 56.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 2.473
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 406457.700, 3748725.328, 0.00, 3.49, 26.05
** 406540.691, 3748646.053, 0.00, 3.49, 26.05
** 406657.126, 3748523.425, 0.00, 3.49, 26.05
** 406792.140, 3748382.217, 0.00, 3.49, 26.05
** 406882.563, 3748315.329, 0.00, 3.49, 26.05
** 407205.856, 3748097.323, 0.00, 3.49, 26.05
** 407759.648, 3747730.789, 0.00, 3.49, 26.05
** 408168.639, 3747456.936, 0.00, 3.49, 26.05
** 408379.847, 3747296.740, 0.00, 3.49, 26.05
** 408561.521, 3747151.759, 0.00, 3.49, 26.05
** 408608.058, 3747115.066, 0.00, 3.49, 26.05
** 408910.550, 3746935.181, 0.00, 3.49, 26.05
** 409113.703, 3746832.263, 0.00, 3.49, 26.05
** -----
**
LOCATION L0000001      VOLUME  406477.947 3748705.987 0.0
LOCATION L0000002      VOLUME  406518.441 3748667.306 0.0
LOCATION L0000003      VOLUME  406558.064 3748627.756 0.0
LOCATION L0000004      VOLUME  406596.623 3748587.146 0.0

```

LOCATION	L0000005	VOLUME	406635.182	3748546.536	0.0
LOCATION	L0000006	VOLUME	406673.802	3748505.983	0.0
LOCATION	L0000007	VOLUME	406712.502	3748465.508	0.0
LOCATION	L0000008	VOLUME	406751.203	3748425.032	0.0
LOCATION	L0000009	VOLUME	406789.903	3748384.557	0.0
LOCATION	L0000010	VOLUME	406834.559	3748350.839	0.0
LOCATION	L0000011	VOLUME	406879.580	3748317.535	0.0
LOCATION	L0000012	VOLUME	406925.917	3748286.094	0.0
LOCATION	L0000013	VOLUME	406972.347	3748254.785	0.0
LOCATION	L0000014	VOLUME	407018.777	3748223.476	0.0
LOCATION	L0000015	VOLUME	407065.206	3748192.167	0.0
LOCATION	L0000016	VOLUME	407111.636	3748160.858	0.0
LOCATION	L0000017	VOLUME	407158.066	3748129.549	0.0
LOCATION	L0000018	VOLUME	407204.496	3748098.240	0.0
LOCATION	L0000019	VOLUME	407251.187	3748067.320	0.0
LOCATION	L0000020	VOLUME	407297.885	3748036.413	0.0
LOCATION	L0000021	VOLUME	407344.583	3748005.505	0.0
LOCATION	L0000022	VOLUME	407391.281	3747974.597	0.0
LOCATION	L0000023	VOLUME	407437.979	3747943.690	0.0
LOCATION	L0000024	VOLUME	407484.677	3747912.782	0.0
LOCATION	L0000025	VOLUME	407531.375	3747881.874	0.0
LOCATION	L0000026	VOLUME	407578.074	3747850.967	0.0
LOCATION	L0000027	VOLUME	407624.772	3747820.059	0.0
LOCATION	L0000028	VOLUME	407671.470	3747789.151	0.0
LOCATION	L0000029	VOLUME	407718.168	3747758.244	0.0
LOCATION	L0000030	VOLUME	407764.848	3747727.308	0.0
LOCATION	L0000031	VOLUME	407811.380	3747696.151	0.0
LOCATION	L0000032	VOLUME	407857.912	3747664.994	0.0
LOCATION	L0000033	VOLUME	407904.444	3747633.837	0.0
LOCATION	L0000034	VOLUME	407950.976	3747602.679	0.0
LOCATION	L0000035	VOLUME	407997.508	3747571.522	0.0
LOCATION	L0000036	VOLUME	408044.040	3747540.365	0.0
LOCATION	L0000037	VOLUME	408090.572	3747509.208	0.0
LOCATION	L0000038	VOLUME	408137.104	3747478.051	0.0
LOCATION	L0000039	VOLUME	408183.019	3747446.029	0.0
LOCATION	L0000040	VOLUME	408227.637	3747412.187	0.0
LOCATION	L0000041	VOLUME	408272.255	3747378.346	0.0
LOCATION	L0000042	VOLUME	408316.873	3747344.504	0.0
LOCATION	L0000043	VOLUME	408361.491	3747310.663	0.0
LOCATION	L0000044	VOLUME	408405.610	3747276.180	0.0
LOCATION	L0000045	VOLUME	408449.381	3747241.250	0.0
LOCATION	L0000046	VOLUME	408493.151	3747206.320	0.0
LOCATION	L0000047	VOLUME	408536.922	3747171.389	0.0
LOCATION	L0000048	VOLUME	408580.782	3747136.572	0.0
LOCATION	L0000049	VOLUME	408626.336	3747104.196	0.0
LOCATION	L0000050	VOLUME	408674.468	3747075.573	0.0
LOCATION	L0000051	VOLUME	408722.601	3747046.950	0.0
LOCATION	L0000052	VOLUME	408770.733	3747018.327	0.0
LOCATION	L0000053	VOLUME	408818.865	3746989.704	0.0
LOCATION	L0000054	VOLUME	408866.997	3746961.081	0.0
LOCATION	L0000055	VOLUME	408915.303	3746932.774	0.0
LOCATION	L0000056	VOLUME	408965.258	3746907.466	0.0
LOCATION	L0000057	VOLUME	409015.214	3746882.158	0.0
LOCATION	L0000058	VOLUME	409065.169	3746856.850	0.0
** END OF LINE VOLUME SOURCE ID = SLINE1					
** SOURCE PARAMETERS **					
** LINE VOLUME SOURCE ID = SLINE1					
SRCPARAM	L0000001	0.042637931	3.49	26.05	3.25
SRCPARAM	L0000002	0.042637931	3.49	26.05	3.25
SRCPARAM	L0000003	0.042637931	3.49	26.05	3.25
SRCPARAM	L0000004	0.042637931	3.49	26.05	3.25
SRCPARAM	L0000005	0.042637931	3.49	26.05	3.25
SRCPARAM	L0000006	0.042637931	3.49	26.05	3.25
SRCPARAM	L0000007	0.042637931	3.49	26.05	3.25
SRCPARAM	L0000008	0.042637931	3.49	26.05	3.25
SRCPARAM	L0000009	0.042637931	3.49	26.05	3.25

[illegible]

```

URBANSRC  ALL
SRCGROUP  ALL

```

* *
 * * * * *

GRIDCART UCART1 STA

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00

GRIDCART UCART1 END

RE FINISHED

**

** AERMOD METEOROLOGY PATHWAY

**

**

ME STARTING

SURFFILE KFUL_V9_ADJU\KFUL_V9.SFC

PROFFILE KFUL_V9_ADJU\KFUL_V9.PFL

SURFDATA 3166 2012

UAIRDATA 3190 2012

PROFBASE 29.0 METERS

ME FINISHED

**

** AERMOD OUTPUT PATHWAY

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 8 1ST

** AUTO-GENERATED PLOTFILES

PLOTFILE 1 ALL 1ST "14635 OPS I-5 CO.AD\01H1GALL.PLT" 31

PLOTFILE 8 ALL 1ST "14635 OPS I-5 CO.AD\08H1GALL.PLT" 32

SUMMFILE "14635 OPS I-5 CO.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	1107	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	1107	MEOPEN: ADJ U* Option for Stable Low Winds used in AERMET	

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

```

*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***
***      20.27.07

```

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      58 Source(s),
  for Total of      1 Urban Area(s):
Urban Population =    3010232.0 ; Urban Roughness Length =  1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U*    - Use ADJ_U* option for SBL in AERMET
* CCVR_Sub - Meteorological data includes CCVR substitutions
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Assumes No FLAGPOLE Receptor Heights.
* The User Specified a Pollutant Type of: CO

```

****Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR**

****This Run Includes:** 58 Source(s); 1 Source Group(s); and 2700 Receptor(s)

```
with:      0 POINT(s), including
           0 POINTCAP(s) and      0 POINTHOR(s)
and:      58 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 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) = 29.00 ; 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 = 3.9 MB of RAM.

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14635 OPS I-5

CO.ERR

**File for Summary of Results: 14635 OPS I-5

CO.SUM

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR VARY							
(METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0000001	0	0.42638E-01	406477.9	3748706.0	0.0	3.49	26.05	3.25
YES								
L0000002	0	0.42638E-01	406518.4	3748667.3	0.0	3.49	26.05	3.25
YES								
L0000003	0	0.42638E-01	406558.1	3748627.8	0.0	3.49	26.05	3.25
YES								
L0000004	0	0.42638E-01	406596.6	3748587.1	0.0	3.49	26.05	3.25

YES								
L0000005	0	0.42638E-01	406635.2	3748546.5	0.0	3.49	26.05	3.25
YES								
L0000006	0	0.42638E-01	406673.8	3748506.0	0.0	3.49	26.05	3.25
YES								
L0000007	0	0.42638E-01	406712.5	3748465.5	0.0	3.49	26.05	3.25
YES								
L0000008	0	0.42638E-01	406751.2	3748425.0	0.0	3.49	26.05	3.25
YES								
L0000009	0	0.42638E-01	406789.9	3748384.6	0.0	3.49	26.05	3.25
YES								
L0000010	0	0.42638E-01	406834.6	3748350.8	0.0	3.49	26.05	3.25
YES								
L0000011	0	0.42638E-01	406879.6	3748317.5	0.0	3.49	26.05	3.25
YES								
L0000012	0	0.42638E-01	406925.9	3748286.1	0.0	3.49	26.05	3.25
YES								
L0000013	0	0.42638E-01	406972.3	3748254.8	0.0	3.49	26.05	3.25
YES								
L0000014	0	0.42638E-01	407018.8	3748223.5	0.0	3.49	26.05	3.25
YES								
L0000015	0	0.42638E-01	407065.2	3748192.2	0.0	3.49	26.05	3.25
YES								
L0000016	0	0.42638E-01	407111.6	3748160.9	0.0	3.49	26.05	3.25
YES								
L0000017	0	0.42638E-01	407158.1	3748129.5	0.0	3.49	26.05	3.25
YES								
L0000018	0	0.42638E-01	407204.5	3748098.2	0.0	3.49	26.05	3.25
YES								
L0000019	0	0.42638E-01	407251.2	3748067.3	0.0	3.49	26.05	3.25
YES								
L0000020	0	0.42638E-01	407297.9	3748036.4	0.0	3.49	26.05	3.25
YES								
L0000021	0	0.42638E-01	407344.6	3748005.5	0.0	3.49	26.05	3.25
YES								
L0000022	0	0.42638E-01	407391.3	3747974.6	0.0	3.49	26.05	3.25
YES								
L0000023	0	0.42638E-01	407438.0	3747943.7	0.0	3.49	26.05	3.25
YES								
L0000024	0	0.42638E-01	407484.7	3747912.8	0.0	3.49	26.05	3.25
YES								
L0000025	0	0.42638E-01	407531.4	3747881.9	0.0	3.49	26.05	3.25
YES								
L0000026	0	0.42638E-01	407578.1	3747851.0	0.0	3.49	26.05	3.25
YES								
L0000027	0	0.42638E-01	407624.8	3747820.1	0.0	3.49	26.05	3.25
YES								
L0000028	0	0.42638E-01	407671.5	3747789.2	0.0	3.49	26.05	3.25
YES								
L0000029	0	0.42638E-01	407718.2	3747758.2	0.0	3.49	26.05	3.25
YES								
L0000030	0	0.42638E-01	407764.8	3747727.3	0.0	3.49	26.05	3.25
YES								
L0000031	0	0.42638E-01	407811.4	3747696.2	0.0	3.49	26.05	3.25
YES								
L0000032	0	0.42638E-01	407857.9	3747665.0	0.0	3.49	26.05	3.25
YES								
L0000033	0	0.42638E-01	407904.4	3747633.8	0.0	3.49	26.05	3.25
YES								
L0000034	0	0.42638E-01	407951.0	3747602.7	0.0	3.49	26.05	3.25
YES								
L0000035	0	0.42638E-01	407997.5	3747571.5	0.0	3.49	26.05	3.25
YES								
L0000036	0	0.42638E-01	408044.0	3747540.4	0.0	3.49	26.05	3.25
YES								
L0000037	0	0.42638E-01	408090.6	3747509.2	0.0	3.49	26.05	3.25

YES
L0000038 0 0.42638E-01 408137.1 3747478.1 0.0 3.49 26.05 3.25
YES
L0000039 0 0.42638E-01 408183.0 3747446.0 0.0 3.49 26.05 3.25
YES
L0000040 0 0.42638E-01 408227.6 3747412.2 0.0 3.49 26.05 3.25
YES

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000041	0	0.42638E-01	408272.3	3747378.3	0.0	3.49	26.05	3.25	
YES									
L0000042	0	0.42638E-01	408316.9	3747344.5	0.0	3.49	26.05	3.25	
YES									
L0000043	0	0.42638E-01	408361.5	3747310.7	0.0	3.49	26.05	3.25	
YES									
L0000044	0	0.42638E-01	408405.6	3747276.2	0.0	3.49	26.05	3.25	
YES									
L0000045	0	0.42638E-01	408449.4	3747241.2	0.0	3.49	26.05	3.25	
YES									
L0000046	0	0.42638E-01	408493.2	3747206.3	0.0	3.49	26.05	3.25	
YES									
L0000047	0	0.42638E-01	408536.9	3747171.4	0.0	3.49	26.05	3.25	
YES									
L0000048	0	0.42638E-01	408580.8	3747136.6	0.0	3.49	26.05	3.25	
YES									
L0000049	0	0.42638E-01	408626.3	3747104.2	0.0	3.49	26.05	3.25	
YES									
L0000050	0	0.42638E-01	408674.5	3747075.6	0.0	3.49	26.05	3.25	
YES									
L0000051	0	0.42638E-01	408722.6	3747046.9	0.0	3.49	26.05	3.25	
YES									
L0000052	0	0.42638E-01	408770.7	3747018.3	0.0	3.49	26.05	3.25	
YES									
L0000053	0	0.42638E-01	408818.9	3746989.7	0.0	3.49	26.05	3.25	
YES									
L0000054	0	0.42638E-01	408867.0	3746961.1	0.0	3.49	26.05	3.25	
YES									
L0000055	0	0.42638E-01	408915.3	3746932.8	0.0	3.49	26.05	3.25	
YES									
L0000056	0	0.42638E-01	408965.3	3746907.5	0.0	3.49	26.05	3.25	
YES									
L0000057	0	0.42638E-01	409015.2	3746882.2	0.0	3.49	26.05	3.25	
YES									
L0000058	0	0.42638E-01	409065.2	3746856.8	0.0	3.49	26.05	3.25	
YES									

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

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	,	L0000046	,
	L0000047	,	L0000048	,								
	L0000049	,	L0000050	,	L0000051	,	L0000052	,	L0000053	,	L0000054	,
	L0000055	,	L0000056	,								
	L0000057	,	L0000058	,								

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID

URBAN POP

SOURCE IDs

	3010232.	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 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

406293.3,	406343.3,	406393.3,	406443.3,	406493.3,	406543.3,	406593.3,	406643.3,
406693.3,	406743.3,						
406793.3,	406843.3,	406893.3,	406943.3,	406993.3,	407043.3,	407093.3,	407143.3,
407193.3,	407243.3,						
407293.3,	407343.3,	407393.3,	407443.3,	407493.3,	407543.3,	407593.3,	407643.3,
407693.3,	407743.3,						
407793.3,	407843.3,	407893.3,	407943.3,	407993.3,	408043.3,	408093.3,	408143.3,
408193.3,	408243.3,						
408293.3,	408343.3,	408393.3,	408443.3,	408493.3,	408543.3,	408593.3,	408643.3,
408693.3,	408743.3,						
408793.3,	408843.3,	408893.3,	408943.3,	408993.3,	409043.3,	409093.3,	409143.3,
409193.3,	409243.3,						

*** Y-COORDINATES OF GRID ***
(METERS)

3746652.8,	3746702.8,	3746752.8,	3746802.8,	3746852.8,	3746902.8,	3746952.8,	3747002.8,
3747052.8,	3747102.8,						
3747152.8,	3747202.8,	3747252.8,	3747302.8,	3747352.8,	3747402.8,	3747452.8,	3747502.8,
3747552.8,	3747602.8,						
3747652.8,	3747702.8,	3747752.8,	3747802.8,	3747852.8,	3747902.8,	3747952.8,	3748002.8,
3748052.8,	3748102.8,						
3748152.8,	3748202.8,	3748252.8,	3748302.8,	3748352.8,	3748402.8,	3748452.8,	3748502.8,
3748552.8,	3748602.8,						
3748652.8,	3748702.8,	3748752.8,	3748802.8,	3748852.8,			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	
406593.32	406643.32	406693.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	

[illegible]

0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD							X-COORD (METERS)
(METERS)		406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32		406643.32	406693.32				

3746852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746702.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746652.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD							X-COORD (METERS)
(METERS)		406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32		407093.32	407143.32				

3748852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748702.85		0.00	0.00	0.00	0.00	0.00	0.00

[illegible]

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FF *** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
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3748852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85		0.00	0.00	0.00	0.00	0.00

[illegible]

0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
407493.32	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407543.32	407593.32					
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
407943.32	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407993.32	408043.32					
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

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*** NETWORK ID: UCART1      ; NETWORK TYPE: GRIDCART ***
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* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)					
(METERS)	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS ***      07/06/23

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*** AERMET - VERSION 16216 ***

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20:27:07

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)					
(METERS)	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				

3748852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748702.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748652.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748602.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748552.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748502.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748452.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748402.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748352.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748302.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748252.85		0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

*** AERMOD - VERSION 22112 ***
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				

3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 20:27:07

PAGE 17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 * ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32	408893.32	408943.32				

3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

*** AERMOD - VERSION 22112 ***
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		408543.32	408593.32	408643.32	408693.32	408743.32
408843.32		408893.32	408943.32			408793.32

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

 * ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.85		0.00	0.00	0.00	0.00	0.00
3748802.85		0.00	0.00	0.00	0.00	0.00
3748752.85		0.00	0.00	0.00	0.00	0.00
3748702.85		0.00	0.00	0.00	0.00	0.00
3748652.85		0.00	0.00	0.00	0.00	0.00
3748602.85		0.00	0.00	0.00	0.00	0.00
3748552.85		0.00	0.00	0.00	0.00	0.00
3748502.85		0.00	0.00	0.00	0.00	0.00
3748452.85		0.00	0.00	0.00	0.00	0.00
3748402.85		0.00	0.00	0.00	0.00	0.00
3748352.85		0.00	0.00	0.00	0.00	0.00
3748302.85		0.00	0.00	0.00	0.00	0.00
3748252.85		0.00	0.00	0.00	0.00	0.00
3748202.85		0.00	0.00	0.00	0.00	0.00
3748152.85		0.00	0.00	0.00	0.00	0.00
3748102.85		0.00	0.00	0.00	0.00	0.00
3748052.85		0.00	0.00	0.00	0.00	0.00
3748002.85		0.00	0.00	0.00	0.00	0.00
3747952.85		0.00	0.00	0.00	0.00	0.00
3747902.85		0.00	0.00	0.00	0.00	0.00
3747852.85		0.00	0.00	0.00	0.00	0.00
3747802.85		0.00	0.00	0.00	0.00	0.00
3747752.85		0.00	0.00	0.00	0.00	0.00
3747702.85		0.00	0.00	0.00	0.00	0.00
3747652.85		0.00	0.00	0.00	0.00	0.00
3747602.85		0.00	0.00	0.00	0.00	0.00
3747552.85		0.00	0.00	0.00	0.00	0.00
3747502.85		0.00	0.00	0.00	0.00	0.00
3747452.85		0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00


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3746952.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
***                                     *** 20:27:07
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32

```
3746852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
***                                     *** 20:27:07
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PAGE 21

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32	406643.32	406693.32				

```
3748852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
```

3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

20:27:07

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
406593.32	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
	406643.32	406693.32				
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
 *** AERMOD - VERSION 22112 *** GP\14635 CONS *** 07/06/23 *** AERMET - VERSION 16216 *** *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK *** 20:27:07						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407043.32	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
	407093.32	407143.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 ***

*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 20:27:07

PAGE 24

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		406743.32	406793.32	406843.32	406893.32	406943.32
407043.32		407093.32	407143.32			

3746852.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3746802.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3746752.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3746702.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3746652.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** 20:27:07

PAGE 25
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
 * HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
 (METERS) | 407193.32 407243.32 407293.32 407343.32 407393.32 407443.32
 407493.32 407543.32 407593.32

3748852.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748802.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748752.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748702.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748652.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748602.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748552.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748502.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748452.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748402.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748352.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748302.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748252.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748202.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748152.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748102.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748052.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3748002.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00

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PR *** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***
***      20:27:07

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

* HILL HEIGHT SCALES IN METERS *

.....

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3746752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

PAGE 27

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				

3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***
***      20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

* HILL HEIGHT SCALES IN METERS *

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)					
(METERS)	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32	408893.32	408943.32				

[illegible]

3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32		408893.32	408943.32				

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** *** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00

3746652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** *** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000001	406493.3 3748652.8	-0.69
L0000001	406443.3 3748702.8	-21.24
L0000001	406493.3 3748702.8	-40.32
L0000001	406493.3 3748752.8	-6.69
L0000002	406493.3 3748652.8	-27.02
L0000002	406543.3 3748652.8	-27.23
L0000002	406493.3 3748702.8	-12.48
L0000002	406543.3 3748702.8	-12.62
L0000003	406543.3 3748602.8	-27.06
L0000003	406593.3 3748602.8	-12.84
L0000003	406543.3 3748652.8	-26.90
L0000003	406593.3 3748652.8	-12.73
L0000004	406593.3 3748552.8	-21.55
L0000004	406543.3 3748602.8	-0.44
L0000004	406593.3 3748602.8	-39.96
L0000004	406643.3 3748602.8	-6.74
L0000005	406643.3 3748502.8	-11.57
L0000005	406593.3 3748552.8	-13.67
L0000005	406643.3 3748552.8	-45.71
L0000005	406643.3 3748602.8	0.89
L0000006	406693.3 3748452.8	0.60
L0000006	406643.3 3748502.8	-25.36
L0000006	406693.3 3748502.8	-36.24
L0000006	406643.3 3748552.8	-0.10
L0000006	406693.3 3748552.8	-5.24
L0000007	406693.3 3748452.8	-33.03
L0000007	406743.3 3748452.8	-22.69
L0000007	406693.3 3748502.8	-14.03
L0000007	406743.3 3748502.8	-7.59
L0000008	406743.3 3748402.8	-32.47
L0000008	406793.3 3748402.8	-8.41
L0000008	406743.3 3748452.8	-27.09
L0000008	406793.3 3748452.8	-5.53
L0000009	406743.3 3748352.8	0.34
L0000009	406793.3 3748352.8	-24.12
L0000009	406743.3 3748402.8	-5.96
L0000009	406793.3 3748402.8	-37.40
L0000009	406843.3 3748402.8	0.45
L0000010	406843.3 3748302.8	-7.23
L0000010	406793.3 3748352.8	-14.72

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** *** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
L0000010	406843.3	3748352.8	-47.02
L0000010	406843.3	3748402.8	-3.26
L0000011	406843.3	3748302.8	-16.89
L0000011	406893.3	3748302.8	-35.90
L0000011	406843.3	3748352.8	-5.39
L0000011	406893.3	3748352.8	-18.11
L0000012	406893.3	3748252.8	-9.45
L0000012	406943.3	3748252.8	-18.48
L0000012	406893.3	3748302.8	-19.36
L0000012	406943.3	3748302.8	-31.85
L0000013	406993.3	3748202.8	0.00
L0000013	406943.3	3748252.8	-26.92
L0000013	406993.3	3748252.8	-34.95
L0000013	406943.3	3748302.8	0.14
L0000013	406993.3	3748302.8	-3.57
L0000014	406993.3	3748202.8	-23.24
L0000014	407043.3	3748202.8	-23.95
L0000014	406993.3	3748252.8	-17.14
L0000014	407043.3	3748252.8	-17.73
L0000015	407043.3	3748152.8	-11.01
L0000015	407093.3	3748152.8	-7.67
L0000015	407043.3	3748202.8	-31.65
L0000015	407093.3	3748202.8	-25.93
L0000016	407093.3	3748152.8	-36.02
L0000016	407143.3	3748152.8	-23.33
L0000016	407093.3	3748202.8	-10.19
L0000016	407143.3	3748202.8	-3.40
L0000017	407143.3	3748102.8	-25.51
L0000017	407193.3	3748102.8	-11.78
L0000017	407143.3	3748152.8	-28.43
L0000017	407193.3	3748152.8	-13.75
L0000018	407193.3	3748052.8	-9.26
L0000018	407193.3	3748102.8	-43.92
L0000018	407243.3	3748102.8	-16.91
L0000018	407193.3	3748152.8	-0.27
L0000019	407243.3	3748052.8	-39.54
L0000019	407293.3	3748052.8	-11.46
L0000019	407243.3	3748102.8	-19.62
L0000019	407293.3	3748102.8	-0.89
L0000020	407293.3	3748002.8	-22.14

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** *** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE	- - RECEPTOR LOCATION - -		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)

[illegible]

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

SOURCE	- - RECEPTOR LOCATION - -		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0000029	407743.3	3747802.8	-4.80
L0000030	407743.3	3747702.8	-23.42
L0000030	407793.3	3747702.8	-18.47
L0000030	407743.3	3747752.8	-22.60
L0000030	407793.3	3747752.8	-17.76
L0000031	407793.3	3747652.8	-9.09
L0000031	407843.3	3747652.8	-2.20
L0000031	407793.3	3747702.8	-36.75
L0000031	407843.3	3747702.8	-23.37


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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***      07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     ***      20:27:07
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*** MODELOPTs:      RegDFault  CONC  ELEV  URBAN  ADJ_U*
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SOURCE	-- RECEPTOR LOCATION --		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0000039	408193.3	3747452.8	-43.65
L0000040	408193.3	3747402.8	-20.44
L0000040	408243.3	3747402.8	-37.76
L0000040	408193.3	3747452.8	-2.80
L0000040	408243.3	3747452.8	-12.42
L0000041	408243.3	3747352.8	-17.44
L0000041	408293.3	3747352.8	-22.94
L0000041	408243.3	3747402.8	-18.09
L0000041	408293.3	3747402.8	-23.69
L0000042	408293.3	3747302.8	-8.16
L0000042	408343.3	3747302.8	-6.67
L0000042	408293.3	3747352.8	-31.02
L0000042	408343.3	3747352.8	-28.27
L0000043	408343.3	3747302.8	-36.23
L0000043	408393.3	3747302.8	-23.23
L0000043	408343.3	3747352.8	-10.07
L0000043	408393.3	3747352.8	-3.16
L0000044	408393.3	3747252.8	-29.64

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***      07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     ***
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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
* LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL
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SOURCE	- - RECEPTOR LOCATION - -	DISTANCE
ID	XR (METERS) YR (METERS)	(METERS)
L0000049	408643.3 3747152.8	-4.47
L0000050	408643.3 3747052.8	-17.45
L0000050	408693.3 3747052.8	-26.48
L0000050	408643.3 3747102.8	-14.60
L0000050	408693.3 3747102.8	-22.85
L0000051	408693.3 3747002.8	-3.07
L0000051	408743.3 3747002.8	-7.28
L0000051	408693.3 3747052.8	-26.14
L0000051	408743.3 3747052.8	-34.46
L0000052	408743.3 3747002.8	-24.53
L0000052	408793.3 3747002.8	-28.63
L0000052	408743.3 3747052.8	-11.92
L0000052	408793.3 3747052.8	-14.75
L0000053	408793.3 3746952.8	-11.17
L0000053	408843.3 3746952.8	-11.78
L0000053	408793.3 3747002.8	-27.28
L0000053	408843.3 3747002.8	-28.24
L0000054	408843.3 3746952.8	-30.94
L0000054	408893.3 3746952.8	-28.43
L0000054	408843.3 3747002.8	-7.99
L0000054	408893.3 3747002.8	-6.64
L0000055	408893.3 3746902.8	-18.88
L0000055	408943.3 3746902.8	-15.01
L0000055	408893.3 3746952.8	-26.24
L0000055	408943.3 3746952.8	-21.54
L0000056	408943.3 3746902.8	-33.59
L0000056	408993.3 3746902.8	-27.57

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
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***      20:27:07

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[illegible][illegible]

Profile format:

FREE

Surface station no.: 3166
Name: UNKNOWN
UNKNOWN
Year: 2012

Upper air station no.: 3190
Name:

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	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96		
322.		10.1		283.8	2.0												
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52		
13.		10.1		283.1	2.0												
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
73.		10.1		282.0	2.0												
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91		
98.		10.1		281.4	2.0												
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00		
0.		10.1		280.9	2.0												
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55		
80.		10.1		280.4	2.0												
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69		
201.		10.1		280.4	2.0												
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52		
72.		10.1		280.9	2.0												
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00		
0.		10.1		285.9	2.0												
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79		
268.		10.1		289.9	2.0												
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70		
273.		10.1		294.2	2.0												
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74		
230.		10.1		297.5	2.0												
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20		
227.		10.1		300.4	2.0												
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47		
233.		10.1		300.9	2.0												
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20		
233.		10.1		302.0	2.0												
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91		
229.		10.1		298.1	2.0												
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37		
212.		10.1		294.2	2.0												
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91		
190.		10.1		292.0	2.0												
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70		
302.		10.1		289.2	2.0												
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87		
338.		10.1		288.1	2.0												
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11		
304.		10.1		287.0	2.0												
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
76.		10.1		285.4	2.0												
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62		
306.		10.1		284.9	2.0												
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82		
318.		10.1		283.8	2.0												

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)		
406443.32	406293.32 406343.32 406393.32	

3748852.8	14.27698 (13032208)	15.11169 (13032208)	20.88529 (14062706)
20.56136 (14062706)	17.12142 (13041407)		
3748802.8	15.21363 (13032208)	19.65893 (13032208)	23.68074 (14062706)
32.06951 (14062706)	25.13883 (13041407)		
3748752.8	18.08228 (13052506)	21.96662 (13052506)	30.81579 (13032208)
49.73582 (14062706)	35.41078 (14062706)		
3748702.8	19.22288 (13052506)	25.45958 (13052506)	38.36090 (13052506)
34.56818 (13032208)	30.57176 (14062706)		
3748652.8	16.80855 (13052506)	21.11014 (13052506)	28.87935 (13052506)
47.60398 (13052506)	41.10057 (13052506)		
3748602.8	14.69503 (13052506)	17.62351 (13052506)	22.17289 (12052806)
32.62566 (12052806)	52.80370 (12052806)		
3748552.8	13.14434 (13052506)	15.41117 (13052506)	19.67273 (12052806)
26.36458 (12052806)	37.17374 (12052806)		
3748502.8	11.82958 (12052806)	14.26147 (12052806)	17.61022 (12052806)
22.32243 (12052806)	29.20127 (12052806)		
3748452.8	11.24961 (12052806)	13.27032 (12052806)	15.91622 (12052806)
19.43702 (12052806)	24.24934 (12052806)		
3748402.8	10.66608 (12052806)	12.36262 (12052806)	14.50404 (12052806)
17.24135 (12052806)	20.81188 (12052806)		
3748352.8	10.10204 (12052806)	11.54117 (12052806)	13.30709 (12052806)
15.49588 (12052806)	18.25107 (12052806)		
3748302.8	9.56761 (12052806)	10.79978 (12052806)	12.27777 (12052806)
14.06464 (12052806)	16.25035 (12052806)		
3748252.8	9.06651 (12052806)	10.13019 (12052806)	11.38215 (12052806)
12.86460 (12052806)	14.63511 (12052806)		
3748202.8	8.59932 (12052806)	9.52430 (12052806)	10.59562 (12052806)
11.84190 (12052806)	13.30053 (12052806)		
3748152.8	8.16506 (12052806)	8.97481 (12052806)	9.89975 (12052806)
10.95952 (12052806)	12.17877 (12052806)		
3748102.8	7.76201 (12052806)	8.47528 (12052806)	9.28027 (12052806)
10.19066 (12052806)	11.22298 (12052806)		
3748052.8	7.38811 (12052806)	8.02003 (12052806)	8.72581 (12052806)
9.51511 (12052806)	10.39927 (12052806)		
3748002.8	7.04118 (12052806)	7.60406 (12052806)	8.22708 (12052806)

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*** AERMOT - VERSION 22112 ***      C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***          07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     ***
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*** NETWORK ID: UCart1      ; NETWORK TYPE: GRIDCART ***
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** CONC OF CO
MICROGRAMS/M**3

IN

**

Y-COORD			X-COORD (METERS)
(METERS)	406293.32	406343.32	406393.32
406443.32	406493.32		

3746852.8	3.00615 (12052806)	3.10031 (12052806)	3.19756 (12052806)
3.29800 (12052806)	3.40170 (12052806)		
3746802.8	2.91708 (12052806)	3.00591 (12052806)	3.09756 (12052806)
3.19211 (12052806)	3.28961 (12052806)		
3746752.8	2.83163 (12052806)	2.91550 (12052806)	3.00194 (12052806)
3.09101 (12052806)	3.18276 (12052806)		
3746702.8	2.74959 (12052806)	2.82884 (12052806)	2.91042 (12052806)
2.99439 (12052806)	3.08080 (12052806)		
3746652.8	2.67078 (12052806)	2.74570 (12052806)	2.82275 (12052806)
2.90197 (12052806)	2.98340 (12052806)		

FF *** AERMOD - VERSION 22112 *** ** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO
MICROGRAMS/M**3

IN

**

Y-COORD			X-COORD (METERS)
(METERS)	406543.32	406593.32	406643.32
406693.32	406743.32		

3748852.8	16.94553 (14120316)	16.00973 (14120316)	14.47140 (12052806)
13.61521 (12052806)	12.79982 (12052806)		
3748802.8	25.54384 (14120316)	20.91186 (14120316)	18.19925 (12052806)
16.52832 (12052806)	15.13735 (12052806)		
3748752.8	40.32286 (14120316)	28.40191 (12052806)	23.73918 (12052806)
20.52278 (12052806)	18.17568 (12052806)		
3748702.8	41.67126 (12052806)	43.34584 (12052806)	32.27345 (12052806)
26.12535 (12052806)	22.18879 (12052806)		
3748652.8	36.27269 (14062706)	48.05482 (12052806)	46.60460 (12052806)
34.37463 (12052806)	27.65875 (12052806)		
3748602.8	38.53206 (13041207)	42.43332 (14062706)	35.07711 (12052806)
47.95114 (12052806)	35.59854 (12052806)		
3748552.8	57.54135 (12052806)	37.78790 (12052806)	46.12216 (12052806)
54.05702 (12052806)	48.60261 (12052806)		
3748502.8	40.11537 (12052806)	61.09944 (12052806)	40.07305 (12052806)
42.54788 (12052806)	52.14714 (12052806)		
3748452.8	31.17981 (12052806)	42.21889 (12052806)	63.68327 (12052806)

48.23482 (12052806)	42.44962 (12052806)	
3748402.8 25.63841 (12052806)	32.58318 (12052806)	43.73628 (12052806)
65.72660 (12052806)	46.73808 (13041207)	
3748352.8 21.80843 (12052806)	26.59582 (12052806)	33.48579 (12052806)
44.58287 (12052806)	51.64980 (13041207)	
3748302.8 18.97273 (12052806)	22.45872 (12052806)	27.11096 (12052806)
33.70628 (12052806)	43.87507 (12052806)	
3748252.8 16.77634 (12052806)	19.41301 (12052806)	22.74110 (12052806)
27.07913 (12052806)	32.96231 (12052806)	
3748202.8 15.02211 (12052806)	17.07737 (12052806)	19.56740 (12052806)
22.63925 (12052806)	26.51407 (12052806)	
3748152.8 13.58918 (12052806)	15.23244 (12052806)	17.16417 (12052806)
19.46006 (12052806)	22.22694 (12052806)	
3748102.8 12.39763 (12052806)	13.74023 (12052806)	15.28344 (12052806)
17.06992 (12052806)	19.15763 (12052806)	
3748052.8 11.39180 (12052806)	12.50916 (12052806)	13.77171 (12052806)
15.20534 (12052806)	16.84437 (12052806)	
3748002.8 10.53161 (12052806)	11.47623 (12052806)	12.52947 (12052806)
13.70805 (12052806)	15.03366 (12052806)	
3747952.8 9.78747 (12052806)	10.59681 (12052806)	11.48970 (12052806)
12.47744 (12052806)	13.57451 (12052806)	
3747902.8 9.13716 (12052806)	9.83857 (12052806)	10.60575 (12052806)
11.44664 (12052806)	12.37127 (12052806)	
3747852.8 8.56369 (12052806)	9.17757 (12052806)	9.84422 (12052806)
10.56943 (12052806)	11.36036 (12052806)	
3747802.8 8.05388 (12052806)	8.59574 (12052806)	9.18065 (12052806)
9.81291 (12052806)	10.49781 (12052806)	
3747752.8 7.59739 (12052806)	8.07922 (12052806)	8.59668 (12052806)
9.15301 (12052806)	9.75221 (12052806)	
3747702.8 7.18599 (12052806)	7.61723 (12052806)	8.07829 (12052806)
8.57171 (12052806)	9.10052 (12052806)	
3747652.8 6.81307 (12052806)	7.20123 (12052806)	7.61462 (12052806)
8.05522 (12052806)	8.52543 (12052806)	
3747602.8 6.47324 (12052806)	6.82439 (12052806)	7.19707 (12052806)
7.59287 (12052806)	8.01368 (12052806)	
3747552.8 6.16211 (12052806)	6.48119 (12052806)	6.81880 (12052806)
7.17622 (12052806)	7.55496 (12052806)	
3747502.8 5.87600 (12052806)	6.16710 (12052806)	6.47426 (12052806)
6.79851 (12052806)	7.14109 (12052806)	
3747452.8 5.61189 (12052806)	5.87841 (12052806)	6.15892 (12052806)
6.45429 (12052806)	6.76552 (12052806)	
3747402.8 5.36720 (12052806)	5.61199 (12052806)	5.86905 (12052806)
6.13909 (12052806)	6.42294 (12052806)	
3747352.8 5.13976 (12052806)	5.36525 (12052806)	5.60153 (12052806)
5.84922 (12052806)	6.10899 (12052806)	
3747302.8 4.92773 (12052806)	5.13596 (12052806)	5.35375 (12052806)
5.58160 (12052806)	5.82007 (12052806)	
3747252.8 4.72951 (12052806)	4.92226 (12052806)	5.12350 (12052806)
5.33364 (12052806)	5.55317 (12052806)	
3747202.8 4.54374 (12052806)	4.72254 (12052806)	4.90890 (12052806)
5.10316 (12052806)	5.30575 (12052806)	
3747152.8 4.36922 (12052806)	4.53540 (12052806)	4.70833 (12052806)
4.88830 (12052806)	5.07567 (12052806)	
3747102.8 4.20494 (12052806)	4.35965 (12052806)	4.52040 (12052806)
4.68746 (12052806)	4.86110 (12052806)	
3747052.8 4.04997 (12052806)	4.19424 (12052806)	4.34392 (12052806)
4.49925 (12052806)	4.66046 (12052806)	
3747002.8 3.90353 (12052806)	4.03825 (12052806)	4.17784 (12052806)
4.32249 (12052806)	4.47240 (12052806)	
3746952.8 3.76492 (12052806)	3.89089 (12052806)	4.02123 (12052806)
4.15613 (12052806)	4.29574 (12052806)	
3746902.8 3.63351 (12052806)	3.75143 (12052806)	3.87330 (12052806)
3.99926 (12052806)	4.12945 (12052806)	

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 406543.32 406593.32 406643.32
406693.32 406743.32

3746852.8 | 3.50875 (12052806) 3.61926 (12052806) 3.73333 (12052806)
3.85108 (12052806) 3.97264 (12052806)
3746802.8 | 3.39016 (12052806) 3.49382 (12052806) 3.60070 (12052806)
3.71089 (12052806) 3.82450 (12052806)
3746752.8 | 3.27727 (12052806) 3.37461 (12052806) 3.47484 (12052806)
3.57806 (12052806) 3.68435 (12052806)
3746702.8 | 3.16971 (12052806) 3.26117 (12052806) 3.35525 (12052806)
3.45202 (12052806) 3.55156 (12052806)
3746652.8 | 3.06710 (12052806) 3.15311 (12052806) 3.24148 (12052806)
3.33228 (12052806) 3.42556 (12052806)

FF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

20:27:07

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 406793.32 406843.32 406893.32
406943.32 406993.32

3748852.8		12.05752 (12052806)	11.39336 (12052806)	10.80200 (12052806)
10.27476 (12052806)		9.80253 (12052806)		
3748802.8		13.98070 (12052806)	13.01113 (12052806)	12.18923 (12052806)
11.48391 (12052806)		10.87105 (12052806)		
3748752.8		16.38876 (12052806)	14.98284 (12052806)	13.84665 (12052806)
12.90712 (12052806)		12.11432 (12052806)		
3748702.8		19.44146 (12052806)	17.41078 (12052806)	15.84519 (12052806)
14.59690 (12052806)		13.57316 (12052806)		
3748652.8		23.39879 (12052806)	20.45285 (12052806)	18.29083 (12052806)
16.63013 (12052806)		15.30637 (12052806)		
3748602.8		28.74085 (12052806)	24.37738 (12052806)	21.35501 (12052806)
19.12740 (12052806)		17.40391 (12052806)		
3748552.8		36.47684 (12052806)	29.68716 (12052806)	25.33958 (12052806)
22.29249 (12052806)		20.01219 (12052806)		
3748502.8		49.12694 (12052806)	37.44734 (12052806)	30.83626 (12052806)
26.50201 (12052806)		23.38713 (12052806)		
3748452.8		53.13572 (12052806)	50.41799 (12052806)	39.21186 (12052806)
32.53891 (12052806)		28.01638 (12052806)		
3748402.8		46.02973 (12052806)	40.17850 (12052806)	54.55036 (12052806)
42.31825 (12052806)		34.94630 (12052806)		
3748352.8		41.67187 (12052806)	48.07631 (12052806)	60.54676 (12052806)
62.01468 (12052806)		46.89777 (12052806)		
3748302.8		61.51888 (12052806)	46.54001 (13052506)	44.83969 (12052806)
46.79656 (12052806)		53.27994 (12052806)		
3748252.8		41.39138 (12052806)	54.76916 (12052806)	55.05724 (12052806)
45.79059 (13052506)		45.32820 (12052806)		
3748202.8		31.55493 (12052806)	38.44445 (12052806)	48.67539 (12052806)
66.44013 (12052806)		52.31303 (13052506)		
3748152.8		25.62686 (12052806)	29.93025 (12052806)	35.63638 (12052806)
43.77699 (12052806)		56.83175 (12052806)		
3748102.8		21.63020 (12052806)	24.61734 (12052806)	28.33452 (12052806)
33.16412 (12052806)		39.84106 (12052806)		
3748052.8		18.73663 (12052806)	20.95252 (12052806)	23.60072 (12052806)
26.85622 (12052806)		31.01440 (12052806)		
3748002.8		16.53577 (12052806)	18.25601 (12052806)	20.25528 (12052806)
22.62512 (12052806)		25.50751 (12052806)		
3747952.8		14.80006 (12052806)	16.18033 (12052806)	17.75210 (12052806)
19.56794 (12052806)		21.70457 (12052806)		
3747902.8		13.39268 (12052806)	14.52821 (12052806)	15.80138 (12052806)
17.24452 (12052806)		18.90271 (12052806)		
3747852.8		12.22619 (12052806)	13.17885 (12052806)	14.23405 (12052806)
15.41279 (12052806)		16.74330 (12052806)		
3747802.8		11.24198 (12052806)	12.05388 (12052806)	12.94443 (12052806)
13.92784 (12052806)		15.02272 (12052806)		
3747752.8		10.39918 (12052806)	11.10011 (12052806)	11.86281 (12052806)
12.69724 (12052806)		13.61617 (12052806)		
3747702.8		9.66845 (12052806)	10.28012 (12052806)	10.94126 (12052806)
11.65907 (12052806)		12.44261 (12052806)		
3747652.8		9.02809 (12052806)	9.56673 (12052806)	10.14567 (12052806)
10.77022 (12052806)		11.44699 (12052806)		
3747602.8		8.46174 (12052806)	8.93977 (12052806)	9.45108 (12052806)
9.99969 (12052806)		10.59054 (12052806)		
3747552.8		7.95681 (12052806)	8.38389 (12052806)	8.83879 (12052806)
9.32462 (12052806)		9.84512 (12052806)		
3747502.8		7.50342 (12052806)	7.88722 (12052806)	8.29450 (12052806)
8.72772 (12052806)		9.18977 (12052806)		
3747452.8		7.09377 (12052806)	7.44041 (12052806)	7.80708 (12052806)
8.19570 (12052806)		8.60856 (12052806)		
3747402.8		6.72155 (12052806)	7.03604 (12052806)	7.36773 (12052806)
7.71816 (12052806)		8.08917 (12052806)		
3747352.8		6.38164 (12052806)	6.66809 (12052806)	6.96940 (12052806)
7.28685 (12052806)		7.62189 (12052806)		
3747302.8		6.06984 (12052806)	6.33165 (12052806)	6.60640 (12052806)
6.89511 (12052806)		7.19898 (12052806)		
3747252.8		5.78264 (12052806)	6.02268 (12052806)	6.27403 (12052806)

6.53753 (12052806)	6.81418 (12052806)		
3747202.8	5.51713 (12052806)	5.73782 (12052806)	5.96843 (12052806)
6.20968 (12052806)	6.46238 (12052806)		
3747152.8	5.27084 (12052806)	5.47423 (12052806)	5.68638 (12052806)
5.90787 (12052806)	6.13936 (12052806)		
3747102.8	5.04167 (12052806)	5.22955 (12052806)	5.42516 (12052806)
5.62900 (12052806)	5.84163 (12052806)		
3747052.8	4.82785 (12052806)	5.00173 (12052806)	5.18247 (12052806)
5.37048 (12052806)	5.56623 (12052806)		
3747002.8	4.62783 (12052806)	4.78905 (12052806)	4.95635 (12052806)
5.13009 (12052806)	5.31067 (12052806)		
3746952.8	4.44029 (12052806)	4.59000 (12052806)	4.74512 (12052806)
4.90596 (12052806)	5.07285 (12052806)		
3746902.8	4.26407 (12052806)	4.40329 (12052806)	4.54733 (12052806)
4.69646 (12052806)	4.85094 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	406793.32	406843.32
406943.32	406993.32	406893.32

3746852.8	4.09815 (12052806)	4.22779 (12052806)	4.36173 (12052806)
4.50018 (12052806)	4.64338 (12052806)		
3746802.8	3.94167 (12052806)	4.06252 (12052806)	4.18720 (12052806)
4.31591 (12052806)	4.44882 (12052806)		
3746752.8	3.79383 (12052806)	3.90660 (12052806)	4.02281 (12052806)
4.14258 (12052806)	4.26609 (12052806)		
3746702.8	3.65395 (12052806)	3.75929 (12052806)	3.86768 (12052806)
3.97926 (12052806)	4.09414 (12052806)		
3746652.8	3.52141 (12052806)	3.61988 (12052806)	3.72109 (12052806)
3.82511 (12052806)	3.93207 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)	407043.32	407093.32	407143.32
407193.32	407243.32		

3748852.8	9.37693 (12052806)	8.99074 (12052806)	8.63785 (12052806)
8.31328 (12052806)	8.01291 (12052806)		
3748802.8	10.33203 (12052806)	9.85254 (12052806)	9.42154 (12052806)
9.03052 (12052806)	8.67286 (12052806)		
3748752.8	11.43320 (12052806)	10.83867 (12052806)	10.31253 (12052806)
9.84137 (12052806)	9.41518 (12052806)		
3748702.8	12.71319 (12052806)	11.97598 (12052806)	11.33314 (12052806)
10.76456 (12052806)	10.25569 (12052806)		
3748652.8	14.21853 (12052806)	13.30201 (12052806)	12.51405 (12052806)
11.82541 (12052806)	11.21547 (12052806)		
3748602.8	16.01857 (12052806)	14.87133 (12052806)	13.89883 (12052806)
13.05911 (12052806)	12.32323 (12052806)		
3748552.8	18.22224 (12052806)	16.76682 (12052806)	15.55163 (12052806)
14.51605 (12052806)	13.61909 (12052806)		
3748502.8	21.01045 (12052806)	19.12012 (12052806)	17.57051 (12052806)
16.27080 (12052806)	15.16083 (12052806)		
3748452.8	24.70462 (12052806)	22.15206 (12052806)	20.11240 (12052806)
18.43809 (12052806)	17.03441 (12052806)		
3748402.8	29.93020 (12052806)	26.26095 (12052806)	23.44377 (12052806)
21.20349 (12052806)	19.37346 (12052806)		
3748352.8	38.08579 (12052806)	32.24559 (12052806)	28.05698 (12052806)
24.88864 (12052806)	22.39800 (12052806)		
3748302.8	53.12846 (12052806)	42.00055 (12052806)	34.98386 (12052806)
30.10860 (12052806)	26.50019 (12052806)		
3748252.8	59.09429 (12052806)	61.58875 (12052806)	46.86830 (12052806)
38.22596 (12052806)	32.46240 (12052806)		
3748202.8	45.22891 (12052806)	44.41683 (12052806)	52.92558 (12052806)
53.08409 (12052806)	42.13643 (12052806)		
3748152.8	56.06903 (12052806)	52.52830 (13052506)	45.18057 (12052806)
42.58636 (12052806)	61.44435 (12052806)		
3748102.8	49.96046 (12052806)	67.79472 (12052806)	62.88621 (12052806)
47.94278 (13052506)	44.08273 (12052806)		
3748052.8	36.60932 (12052806)	44.71596 (12052806)	57.87320 (12052806)
59.19890 (13052506)	50.40143 (12052806)		
3748002.8	29.13184 (12052806)	33.89229 (12052806)	40.52935 (12052806)
50.62737 (12052806)	68.29127 (12052806)		
3747952.8	24.27689 (12052806)	27.46369 (12052806)	31.55877 (12052806)
37.08447 (12052806)	45.08602 (12052806)		
3747902.8	20.83995 (12052806)	23.14936 (12052806)	25.97171 (12052806)
29.53120 (12052806)	34.21167 (12052806)		
3747852.8	18.26410 (12052806)	20.02868 (12052806)	22.11336 (12052806)
24.63112 (12052806)	27.75742 (12052806)		
3747802.8	16.25368 (12052806)	17.65372 (12052806)	19.26801 (12052806)
21.15996 (12052806)	23.42174 (12052806)		
3747752.8	14.63609 (12052806)	15.77851 (12052806)	17.07195 (12052806)
18.55489 (12052806)	20.28062 (12052806)		
3747702.8	13.30335 (12052806)	14.25595 (12052806)	15.31931 (12052806)

16.51821 (12052806)	17.88573 (12052806)		
3747652.8 12.18423 (12052806)	12.99226 (12052806)	13.88414 (12052806)	
14.87657 (12052806)	15.99123 (12052806)		
3747602.8 11.22971 (12052806)	11.92467 (12052806)	12.68475 (12052806)	
13.52164 (12052806)	14.45016 (12052806)		
3747552.8 10.40487 (12052806)	11.00944 (12052806)	11.66567 (12052806)	
12.38197 (12052806)	13.16885 (12052806)		
3747502.8 9.68416 (12052806)	10.21513 (12052806)	10.78779 (12052806)	
11.40839 (12052806)	12.08456 (12052806)		
3747452.8 9.04840 (12052806)	9.51849 (12052806)	10.02273 (12052806)	
10.56586 (12052806)	11.15356 (12052806)		
3747402.8 8.48292 (12052806)	8.90196 (12052806)	9.34934 (12052806)	
9.82870 (12052806)	10.34439 (12052806)		
3747352.8 7.97627 (12052806)	8.35201 (12052806)	8.75153 (12052806)	
9.17765 (12052806)	9.63376 (12052806)		
3747302.8 7.51941 (12052806)	7.85805 (12052806)	8.21680 (12052806)	
8.59792 (12052806)	9.00407 (12052806)		
3747252.8 7.10510 (12052806)	7.41164 (12052806)	7.73534 (12052806)	
8.07801 (12052806)	8.44176 (12052806)		
3747202.8 6.72746 (12052806)	7.00601 (12052806)	7.29930 (12052806)	
7.60879 (12052806)	7.93619 (12052806)		
3747152.8 6.38165 (12052806)	6.63563 (12052806)	6.90233 (12052806)	
7.18295 (12052806)	7.47888 (12052806)		
3747102.8 6.06370 (12052806)	6.29595 (12052806)	6.53924 (12052806)	
6.79455 (12052806)	7.06302 (12052806)		
3747052.8 5.77026 (12052806)	5.98320 (12052806)	6.20574 (12052806)	
6.43872 (12052806)	6.68304 (12052806)		
3747002.8 5.49854 (12052806)	5.69421 (12052806)	5.89828 (12052806)	
6.11141 (12052806)	6.33438 (12052806)		
3746952.8 5.24616 (12052806)	5.42632 (12052806)	5.61384 (12052806)	
5.80926 (12052806)	6.01323 (12052806)		
3746902.8 5.01109 (12052806)	5.17727 (12052806)	5.34990 (12052806)	
5.52943 (12052806)	5.71640 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	407043.32	407093.32
407193.32	407243.32	407143.32

3746852.8 4.79159 (12052806)	4.94512 (12052806)	5.10430 (12052806)
5.26951 (12052806)	5.44120 (12052806)	
3746802.8 4.58617 (12052806)	4.72819 (12052806)	4.87518 (12052806)

5.02745 (12052806) 5.18536 (12052806)
3746752.8 | 4.39351 (12052806) 4.52506 (12052806) 4.66096 (12052806)
4.80148 (12052806) 4.94691 (12052806)
3746702.8 | 4.21248 (12052806) 4.33446 (12052806) 4.46025 (12052806)
4.59008 (12052806) 4.72418 (12052806)
3746652.8 | 4.04209 (12052806) 4.15529 (12052806) 4.27184 (12052806)
4.39192 (12052806) 4.51570 (12052806)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407293.32 407343.32 407393.32
407443.32 407493.32

3748852.8 | 7.73339 (12052806) 7.47200 (12052806) 7.22648 (12052806)
6.99496 (12052806) 6.77589 (12052806)
3748802.8 | 8.34337 (12052806) 8.03795 (12052806) 7.75331 (12052806)
7.48677 (12052806) 7.23616 (12052806)
3748752.8 | 9.02632 (12052806) 8.66893 (12052806) 8.33838 (12052806)
8.03098 (12052806) 7.74374 (12052806)
3748702.8 | 9.79572 (12052806) 9.37648 (12052806) 8.99162 (12052806)
8.63617 (12052806) 8.30612 (12052806)
3748652.8 | 10.66923 (12052806) 10.17550 (12052806) 9.72571 (12052806)
9.31318 (12052806) 8.93261 (12052806)
3748602.8 | 11.67049 (12052806) 11.08564 (12052806) 10.55711 (12052806)
10.07593 (12052806) 9.63504 (12052806)
3748552.8 | 12.83188 (12052806) 12.13332 (12052806) 11.50760 (12052806)
10.94256 (12052806) 10.42867 (12052806)
3748502.8 | 14.19887 (12052806) 13.35490 (12052806) 12.60664 (12052806)
11.93719 (12052806) 11.33347 (12052806)
3748452.8 | 15.83731 (12052806) 14.80175 (12052806) 13.89497 (12052806)
13.09263 (12052806) 12.37618 (12052806)
3748402.8 | 17.84618 (12052806) 16.54895 (12052806) 15.43074 (12052806)
14.45467 (12052806) 13.59342 (12052806)
3748352.8 | 20.38174 (12052806) 18.71100 (12052806) 17.30000 (12052806)
16.08939 (12052806) 15.03683 (12052806)
3748302.8 | 23.70748 (12052806) 21.47240 (12052806) 19.63626 (12052806)
18.09605 (12052806) 16.78189 (12052806)
3748252.8 | 28.30934 (12052806) 25.15312 (12052806) 22.65980 (12052806)
20.63169 (12052806) 18.94384 (12052806)
3748202.8 | 35.20742 (12052806) 30.36738 (12052806) 26.76478 (12052806)
23.96194 (12052806) 21.70880 (12052806)
3748152.8 | 47.02510 (12052806) 38.48305 (12052806) 32.74167 (12052806)

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS ***                    07/06/23

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***

INCLDING SOURCE(S) :		L0000001	L0000002	
	L0000003		L0000004	
			L0000005	
L0000006		L0000007	L0000008	L0000009
L0000011		L0000012	L0000013	
L0000014		L0000015	L0000016	L0000017
				L0000018

L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407293.32 407343.32 407393.32
407443.32 407493.32

3746852.8 | 5.61987 (12052806) 5.80606 (12052806) 6.00041 (12052806)
6.20367 (12052806) 6.41665 (12052806)
3746802.8 | 5.34932 (12052806) 5.51978 (12052806) 5.69727 (12052806)
5.88237 (12052806) 6.07576 (12052806)
3746752.8 | 5.09759 (12052806) 5.25389 (12052806) 5.41622 (12052806)
5.58506 (12052806) 5.76095 (12052806)
3746702.8 | 4.86282 (12052806) 5.00631 (12052806) 5.15497 (12052806)
5.30920 (12052806) 5.46940 (12052806)
3746652.8 | 4.64341 (12052806) 4.77528 (12052806) 4.91159 (12052806)
5.05263 (12052806) 5.19873 (12052806)

*** AERMOD - VERSION 22112 *** ** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407543.32 407593.32 407643.32
407693.32 407743.32

3748852.8 | 6.56796 (12052806) 6.37005 (12052806) 6.18121 (12052806)
6.00062 (12052806) 5.82757 (12052806)
3748802.8 | 6.99965 (12052806) 6.77572 (12052806) 6.56310 (12052806)
6.36067 (12052806) 6.16749 (12052806)
3748752.8 | 7.47423 (12052806) 7.22040 (12052806) 6.98054 (12052806)
6.75322 (12052806) 6.53720 (12052806)
3748702.8 | 7.99822 (12052806) 7.70978 (12052806) 7.43858 (12052806)
7.18274 (12052806) 6.94065 (12052806)
3748652.8 | 8.57968 (12052806) 8.25090 (12052806) 7.94335 (12052806)
7.65460 (12052806) 7.38258 (12052806)
3748602.8 | 9.22877 (12052806) 8.85249 (12052806) 8.50242 (12052806)

8.17540 (12052806)	7.86878 (12052806)	
3748552.8 9.95838 (12052806)	9.52556 (12052806)	9.12524 (12052806)
8.75330 (12052806)	8.40631 (12052806)	
3748502.8 10.78521 (12052806)	10.28418 (12052806)	9.82376 (12052806)
9.39852 (12052806)	9.00398 (12052806)	
3748452.8 11.73130 (12052806)	11.14669 (12052806)	10.61338 (12052806)
10.12408 (12052806)	9.67288 (12052806)	
3748402.8 12.82630 (12052806)	12.13740 (12052806)	11.51421 (12052806)
10.94680 (12052806)	10.42717 (12052806)	
3748352.8 14.11125 (12052806)	13.28931 (12052806)	12.55315 (12052806)
11.88882 (12052806)	11.28526 (12052806)	
3748302.8 15.64461 (12052806)	14.64853 (12052806)	13.76706 (12052806)
12.97998 (12052806)	12.27161 (12052806)	
3748252.8 17.51305 (12052806)	16.28155 (12052806)	15.20790 (12052806)
14.26153 (12052806)	13.41937 (12052806)	
3748202.8 19.85117 (12052806)	18.28836 (12052806)	16.95162 (12052806)
15.79228 (12052806)	14.77487 (12052806)	
3748152.8 22.88126 (12052806)	20.82723 (12052806)	19.11425 (12052806)
17.65940 (12052806)	16.40496 (12052806)	
3748102.8 27.00146 (12052806)	24.16607 (12052806)	21.88329 (12052806)
19.99840 (12052806)	18.41021 (12052806)	
3748052.8 33.01110 (12052806)	28.80128 (12052806)	25.58492 (12052806)
23.03323 (12052806)	20.94993 (12052806)	
3748002.8 42.81832 (12052806)	35.78056 (12052806)	30.84726 (12052806)
27.16562 (12052806)	24.29409 (12052806)	
3747952.8 62.51669 (12052806)	47.81644 (12052806)	39.07520 (12052806)
33.20378 (12052806)	28.94381 (12052806)	
3747902.8 66.14961 (12052806)	55.18698 (12052806)	54.27621 (12052806)
43.08325 (12052806)	35.95917 (12052806)	
3747852.8 45.30360 (12052806)	47.89810 (12052806)	60.26060 (12052806)
63.05592 (12052806)	48.09360 (12052806)	
3747802.8 67.84875 (12052806)	48.58926 (13052506)	46.18081 (12052806)
46.63907 (12052806)	54.27762 (12052806)	
3747752.8 45.02380 (12052806)	57.61871 (12052806)	56.59737 (12052806)
48.18414 (13052506)	46.03972 (12052806)	
3747702.8 34.31424 (12052806)	40.68613 (12052806)	50.36301 (12052806)
67.35520 (12052806)	62.94688 (12052806)	
3747652.8 27.91686 (12052806)	31.85150 (12052806)	37.17886 (12052806)
44.90551 (12052806)	57.39017 (12052806)	
3747602.8 23.59956 (12052806)	26.30760 (12052806)	29.74247 (12052806)
34.28166 (12052806)	40.63559 (12052806)	
3747552.8 20.45941 (12052806)	22.45469 (12052806)	24.88103 (12052806)
27.91321 (12052806)	31.83961 (12052806)	
3747502.8 18.05657 (12052806)	19.59684 (12052806)	21.41543 (12052806)
23.60495 (12052806)	26.30564 (12052806)	
3747452.8 16.14925 (12052806)	17.37913 (12052806)	18.79996 (12052806)
20.46574 (12052806)	22.45344 (12052806)	
3747402.8 14.59264 (12052806)	15.60005 (12052806)	16.74461 (12052806)
18.06015 (12052806)	19.59281 (12052806)	
3747352.8 13.29431 (12052806)	14.13602 (12052806)	15.07983 (12052806)
16.14815 (12052806)	17.37060 (12052806)	
3747302.8 12.19225 (12052806)	12.90668 (12052806)	13.69931 (12052806)
14.58569 (12052806)	15.58587 (12052806)	
3747252.8 11.24319 (12052806)	11.85733 (12052806)	12.53274 (12052806)
13.28064 (12052806)	14.11519 (12052806)	
3747202.8 10.41594 (12052806)	10.94935 (12052806)	11.53165 (12052806)
12.17118 (12052806)	12.87829 (12052806)	
3747152.8 9.68744 (12052806)	10.15465 (12052806)	10.66147 (12052806)
11.21420 (12052806)	11.82062 (12052806)	
3747102.8 9.04023 (12052806)	9.45231 (12052806)	9.89683 (12052806)
10.37866 (12052806)	10.90375 (12052806)	
3747052.8 8.46085 (12052806)	8.82638 (12052806)	9.21872 (12052806)
9.64168 (12052806)	10.09984 (12052806)	
3747002.8 7.93877 (12052806)	8.26454 (12052806)	8.61261 (12052806)
8.98596 (12052806)	9.38818 (12052806)	
3746952.8 7.46560 (12052806)	7.75707 (12052806)	8.06716 (12052806)

8.39822 (12052806) 8.75307 (12052806)
3746902.8 | 7.03461 (12052806) 7.29624 (12052806) 7.57344 (12052806)
7.86809 (12052806) 8.18239 (12052806)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407543.32 407593.32 407643.32
407693.32 407743.32

3746852.8 | 6.64032 (12052806) 6.87577 (12052806) 7.12427 (12052806)
7.38730 (12052806) 7.66658 (12052806)
3746802.8 | 6.27820 (12052806) 6.49056 (12052806) 6.71386 (12052806)
6.94924 (12052806) 7.19804 (12052806)
3746752.8 | 5.94450 (12052806) 6.13639 (12052806) 6.33743 (12052806)
6.54849 (12052806) 6.77061 (12052806)
3746702.8 | 5.63607 (12052806) 5.80974 (12052806) 5.99103 (12052806)
6.18061 (12052806) 6.37925 (12052806)
3746652.8 | 5.35026 (12052806) 5.50764 (12052806) 5.67134 (12052806)
5.84186 (12052806) 6.01978 (12052806)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)			X-COORD (METERS)
407943.32	407793.32	407843.32	407893.32
	407993.32		

3748852.8	5.66145 (12052806)	5.50170 (12052806)	5.34785 (12052806)
5.19947 (12052806)	5.05620 (12052806)		
3748802.8	5.98275 (12052806)	5.80574 (12052806)	5.63583 (12052806)
5.47247 (12052806)	5.31519 (12052806)		
3748752.8	6.33142 (12052806)	6.13495 (12052806)	5.94701 (12052806)
5.76689 (12052806)	5.59397 (12052806)		
3748702.8	6.71095 (12052806)	6.49248 (12052806)	6.28420 (12052806)
6.08524 (12052806)	5.89482 (12052806)		
3748652.8	7.12556 (12052806)	6.88204 (12052806)	6.65072 (12052806)
6.43050 (12052806)	6.22039 (12052806)		
3748602.8	7.58032 (12052806)	7.30812 (12052806)	7.05054 (12052806)
6.80618 (12052806)	6.57381 (12052806)		
3748552.8	8.08139 (12052806)	7.77612 (12052806)	7.48841 (12052806)
7.21649 (12052806)	6.95882 (12052806)		
3748502.8	8.63641 (12052806)	8.29267 (12052806)	7.97012 (12052806)
7.66650 (12052806)	7.37987 (12052806)		
3748452.8	9.25487 (12052806)	8.86597 (12052806)	8.50278 (12052806)
8.16240 (12052806)	7.84238 (12052806)		
3748402.8	9.94878 (12052806)	9.50629 (12052806)	9.09521 (12052806)
8.71182 (12052806)	8.35298 (12052806)		
3748352.8	10.73361 (12052806)	10.22667 (12052806)	9.75852 (12052806)
9.32427 (12052806)	8.91984 (12052806)		
3748302.8	11.62957 (12052806)	11.04400 (12052806)	10.50691 (12052806)
10.01179 (12052806)	9.55324 (12052806)		
3748252.8	12.66366 (12052806)	11.98049 (12052806)	11.35884 (12052806)
10.78982 (12052806)	10.26622 (12052806)		
3748202.8	13.87288 (12052806)	13.06608 (12052806)	12.33879 (12052806)
11.67860 (12052806)	11.07562 (12052806)		
3748152.8	15.30942 (12052806)	14.34215 (12052806)	13.48000 (12052806)
12.70516 (12052806)	12.00366 (12052806)		
3748102.8	17.04962 (12052806)	15.86773 (12052806)	14.82890 (12052806)
13.90650 (12052806)	13.08022 (12052806)		
3748052.8	19.21013 (12052806)	17.73034 (12052806)	16.45249 (12052806)
15.33485 (12052806)	14.34662 (12052806)		
3748002.8	21.97961 (12052806)	20.06605 (12052806)	18.45155 (12052806)
17.06654 (12052806)	15.86178 (12052806)		
3747952.8	25.68665 (12052806)	23.09993 (12052806)	20.98571 (12052806)
19.21814 (12052806)	17.71297 (12052806)		
3747902.8	30.96499 (12052806)	27.23578 (12052806)	24.32534 (12052806)
21.97803 (12052806)	20.03579 (12052806)		
3747852.8	39.23525 (12052806)	33.28643 (12052806)	28.97173 (12052806)
25.67371 (12052806)	23.05414 (12052806)		
3747802.8	54.57059 (12052806)	43.19815 (12052806)	35.98346 (12052806)
30.93554 (12052806)	27.16923 (12052806)		
3747752.8	61.33224 (12052806)	63.31970 (12052806)	48.10353 (12052806)
39.17265 (12052806)	33.18717 (12052806)		
3747702.8	46.77388 (12052806)	44.88316 (12052806)	54.52422 (12052806)
54.42154 (12052806)	43.03479 (12052806)		
3747652.8	56.98475 (12052806)	55.13096 (13052506)	46.37475 (12052806)
42.90077 (12052806)	62.97076 (12052806)		
3747602.8	50.32638 (12052806)	67.30445 (12052806)	63.59991 (12052806)
50.73628 (13052506)	44.89765 (12052806)		
3747552.8	37.17434 (12052806)	44.94081 (12052806)	57.53209 (12052806)
59.56793 (12052806)	48.41417 (12052806)		
3747502.8	29.74101 (12052806)	34.29252 (12052806)	40.67565 (12052806)
50.42937 (12052806)	67.55220 (12052806)		
3747452.8	24.87687 (12052806)	27.91241 (12052806)	31.85056 (12052806)
37.20995 (12052806)	45.02702 (12052806)		
3747402.8	21.40730 (12052806)	23.59759 (12052806)	26.30614 (12052806)

29.76107 (12052806)	34.35500 (12052806)		
3747352.8 18.78716 (12052806)	20.45329 (12052806)	22.44859 (12052806)	
24.89217 (12052806)	27.97218 (12052806)		
3747302.8 16.72620 (12052806)	18.04207 (12052806)	19.58236 (12052806)	
21.41706 (12052806)	23.65070 (12052806)		
3747252.8 15.05464 (12052806)	16.12292 (12052806)	17.35221 (12052806)	
18.78704 (12052806)	20.49123 (12052806)		
3747202.8 13.66610 (12052806)	14.55152 (12052806)	15.55678 (12052806)	
16.71181 (12052806)	18.05804 (12052806)		
3747152.8 12.49044 (12052806)	13.23597 (12052806)	14.07310 (12052806)	
15.02273 (12052806)	16.11293 (12052806)		
3747102.8 11.47943 (12052806)	12.11485 (12052806)	12.82165 (12052806)	
13.61481 (12052806)	14.51395 (12052806)		
3747052.8 10.59882 (12052806)	11.14554 (12052806)	11.74865 (12052806)	
12.41909 (12052806)	13.17087 (12052806)		
3747002.8 9.82360 (12052806)	10.29749 (12052806)	10.81637 (12052806)	
11.38829 (12052806)	12.02342 (12052806)		
3746952.8 9.13506 (12052806)	9.54824 (12052806)	9.99749 (12052806)	
10.48884 (12052806)	11.02968 (12052806)		
3746902.8 8.51893 (12052806)	8.88083 (12052806)	9.27177 (12052806)	
9.69622 (12052806)	10.15959 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)	407793.32	407843.32	407893.32
407943.32	407993.32		

3746852.8 7.96410 (12052806)	8.28224 (12052806)	8.62378 (12052806)
8.99203 (12052806)	9.39092 (12052806)	
3746802.8 7.46179 (12052806)	7.74229 (12052806)	8.04161 (12052806)
8.36219 (12052806)	8.70685 (12052806)	
3746752.8 7.00495 (12052806)	7.25285 (12052806)	7.51584 (12052806)
7.79567 (12052806)	8.09437 (12052806)	
3746702.8 6.58784 (12052806)	6.80736 (12052806)	7.03890 (12052806)
7.28372 (12052806)	7.54320 (12052806)	
3746652.8 6.20573 (12052806)	6.40043 (12052806)	6.60464 (12052806)
6.81921 (12052806)	7.04508 (12052806)	

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD			X-COORD (METERS)
(METERS)	408043.32	408093.32	408143.32
408193.32	408243.32		

3748852.8	4.91770 (12052806)	4.78366 (12052806)	4.65384 (12052806)
4.52798 (12052806)	4.40587 (12052806)		
3748802.8	5.16355 (12052806)	5.01717 (12052806)	4.87573 (12052806)
4.73892 (12052806)	4.60647 (12052806)		
3748752.8	5.42772 (12052806)	5.26766 (12052806)	5.11337 (12052806)
4.96447 (12052806)	4.82063 (12052806)		
3748702.8	5.71226 (12052806)	5.53697 (12052806)	5.36842 (12052806)
5.20613 (12052806)	5.04971 (12052806)		
3748652.8	6.01955 (12052806)	5.82724 (12052806)	5.64280 (12052806)
5.46565 (12052806)	5.29528 (12052806)		
3748602.8	6.35239 (12052806)	6.14097 (12052806)	5.93876 (12052806)
5.74503 (12052806)	5.55917 (12052806)		
3748552.8	6.71408 (12052806)	6.48111 (12052806)	6.25893 (12052806)
6.04663 (12052806)	5.84347 (12052806)		
3748502.8	7.10857 (12052806)	6.85117 (12052806)	6.60641 (12052806)
6.37323 (12052806)	6.15066 (12052806)		
3748452.8	7.54062 (12052806)	7.25532 (12052806)	6.98492 (12052806)
6.72808 (12052806)	6.48363 (12052806)		
3748402.8	8.01600 (12052806)	7.69862 (12052806)	7.39888 (12052806)
7.11510 (12052806)	6.84584 (12052806)		
3748352.8	8.54179 (12052806)	8.18722 (12052806)	7.85366 (12052806)
7.53899 (12052806)	7.24140 (12052806)		
3748302.8	9.12680 (12052806)	8.72871 (12052806)	8.35582 (12052806)
8.00544 (12052806)	7.67528 (12052806)		
3748252.8	9.78210 (12052806)	9.33255 (12052806)	8.91349 (12052806)
8.52146 (12052806)	8.15356 (12052806)		
3748202.8	10.52184 (12052806)	10.01071 (12052806)	9.53684 (12052806)
9.09575 (12052806)	8.68368 (12052806)		
3748152.8	11.36443 (12052806)	10.77856 (12052806)	10.23881 (12052806)
9.73924 (12052806)	9.27496 (12052806)		
3748102.8	12.33427 (12052806)	11.65621 (12052806)	11.03610 (12052806)
10.46593 (12052806)	9.93915 (12052806)		
3748052.8	13.46449 (12052806)	12.67053 (12052806)	11.95072 (12052806)
11.29396 (12052806)	10.69135 (12052806)		
3748002.8	14.80132 (12052806)	13.85831 (12052806)	13.01229 (12052806)
12.24743 (12052806)	11.55130 (12052806)		
3747952.8	16.41147 (12052806)	15.27143 (12052806)	14.26174 (12052806)
13.35900 (12052806)	12.54533 (12052806)		
3747902.8	18.39521 (12052806)	16.98570 (12052806)	15.75742 (12052806)
14.67425 (12052806)	13.70945 (12052806)		
3747852.8	20.91126 (12052806)	19.11692 (12052806)	17.58580 (12052806)

16.25892 (12052806)	15.09436 (12052806)		
3747802.8 24.22825 (12052806)	21.85220 (12052806)	19.88123 (12052806)	
18.21177 (12052806)	16.77398 (12052806)		
3747752.8 28.84403 (12052806)	25.51696 (12052806)	22.86565 (12052806)	
20.68900 (12052806)	18.86085 (12052806)		
3747702.8 35.80936 (12052806)	30.73760 (12052806)	26.93679 (12052806)	
23.95464 (12052806)	21.53595 (12052806)		
3747652.8 47.84503 (12052806)	38.91337 (12052806)	32.89358 (12052806)	
28.49696 (12052806)	25.11167 (12052806)		
3747602.8 55.97681 (12052806)	54.04164 (12052806)	42.64379 (12052806)	
35.34237 (12052806)	30.18187 (12052806)		
3747552.8 49.02930 (12052806)	42.63466 (12052806)	62.30024 (12052806)	
47.12861 (12052806)	38.04370 (12052806)		
3747502.8 43.86190 (12052806)	50.00692 (12052806)	46.55830 (12052806)	
73.34599 (12052806)	52.22966 (12052806)		
3747452.8 57.75976 (12052806)	41.92366 (13052506)	45.76860 (12052806)	
49.72842 (12052806)	58.84970 (12052806)		
3747402.8 40.83431 (12052806)	50.85184 (12052806)	69.17013 (12052806)	
44.16010 (12052806)	46.43496 (12052806)		
3747352.8 32.00827 (12052806)	37.60172 (12052806)	46.05746 (12052806)	
60.85091 (12052806)	60.26162 (12052806)		
3747302.8 26.44843 (12052806)	30.08977 (12052806)	35.08833 (12052806)	
42.48421 (12052806)	54.72468 (12052806)		
3747252.8 22.56002 (12052806)	25.14224 (12052806)	28.48237 (12052806)	
33.00702 (12052806)	39.53337 (12052806)		
3747202.8 19.65451 (12052806)	21.58807 (12052806)	23.99097 (12052806)	
27.07360 (12052806)	31.19358 (12052806)		
3747152.8 17.38225 (12052806)	18.88488 (12052806)	20.69902 (12052806)	
22.94161 (12052806)	25.79648 (12052806)		
3747102.8 15.54521 (12052806)	16.74406 (12052806)	18.15968 (12052806)	
19.86228 (12052806)	21.95599 (12052806)		
3747052.8 14.02219 (12052806)	14.99705 (12052806)	16.12765 (12052806)	
17.45823 (12052806)	19.05136 (12052806)		
3747002.8 12.73463 (12052806)	13.53850 (12052806)	14.45665 (12052806)	
15.51777 (12052806)	16.76076 (12052806)		
3746952.8 11.62922 (12052806)	12.29903 (12052806)	13.05381 (12052806)	
13.91244 (12052806)	14.89958 (12052806)		
3746902.8 10.66848 (12052806)	11.23098 (12052806)	11.85712 (12052806)	
12.55940 (12052806)	13.35356 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	408043.32	408093.32
408193.32	408243.32	408143.32

3746852.8 | 9.82515 (12052806) 10.30038 (12052806) 10.82342 (12052806)
11.40249 (12052806) 12.04762 (12052806)
3746802.8 | 9.07892 (12052806) 9.48230 (12052806) 9.92154 (12052806)
10.40201 (12052806) 10.92998 (12052806)
3746752.8 | 8.41422 (12052806) 8.75787 (12052806) 9.12830 (12052806)
9.52891 (12052806) 9.96351 (12052806)
3746702.8 | 7.81890 (12052806) 8.11253 (12052806) 8.42599 (12052806)
8.76131 (12052806) 9.12068 (12052806)
3746652.8 | 7.28325 (12052806) 7.53476 (12052806) 7.80073 (12052806)
8.08230 (12052806) 8.38055 (12052806)

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 408293.32 408343.32 408393.32
408443.32 408493.32

3748852.8 | 4.28734 (12052806) 4.17219 (12052806) 4.06029 (12052806)
3.95150 (12052806) 3.84567 (12052806)
3748802.8 | 4.47814 (12052806) 4.35372 (12052806) 4.23301 (12052806)
4.11585 (12052806) 4.00208 (12052806)
3748752.8 | 4.68154 (12052806) 4.54695 (12052806) 4.41661 (12052806)
4.29031 (12052806) 4.16787 (12052806)
3748702.8 | 4.89877 (12052806) 4.75300 (12052806) 4.61210 (12052806)
4.47580 (12052806) 4.34388 (12052806)
3748652.8 | 5.13125 (12052806) 4.97315 (12052806) 4.82063 (12052806)
4.67337 (12052806) 4.53108 (12052806)
3748602.8 | 5.38062 (12052806) 5.20889 (12052806) 5.04355 (12052806)
4.88421 (12052806) 4.73052 (12052806)
3748552.8 | 5.64876 (12052806) 5.46190 (12052806) 5.28236 (12052806)
5.10969 (12052806) 4.94345 (12052806)
3748502.8 | 5.93787 (12052806) 5.73415 (12052806) 5.53884 (12052806)
5.35138 (12052806) 5.17127 (12052806)
3748452.8 | 6.25055 (12052806) 6.02794 (12052806) 5.81503 (12052806)
5.61112 (12052806) 5.41561 (12052806)
3748402.8 | 6.58982 (12052806) 6.34597 (12052806) 6.11332 (12052806)
5.89103 (12052806) 5.67836 (12052806)
3748352.8 | 6.95933 (12052806) 6.69143 (12052806) 6.43652 (12052806)
6.19359 (12052806) 5.96172 (12052806)
3748302.8 | 7.36341 (12052806) 7.06813 (12052806) 6.78799 (12052806)

6.52173 (12052806)	6.26827 (12052806)	
3748252.8 7.80732 (12052806)	7.48064 (12052806)	7.17171 (12052806)
6.87896 (12052806)	6.60105 (12052806)	
3748202.8 8.29749 (12052806)	7.93452 (12052806)	7.59248 (12052806)
7.26944 (12052806)	6.96371 (12052806)	
3748152.8 8.84187 (12052806)	8.43657 (12052806)	8.05617 (12052806)
7.69821 (12052806)	7.36060 (12052806)	
3748102.8 9.45040 (12052806)	8.99525 (12052806)	8.56996 (12052806)
8.17143 (12052806)	7.79699 (12052806)	
3748052.8 10.13570 (12052806)	9.62113 (12052806)	9.14280 (12052806)
8.69666 (12052806)	8.27931 (12052806)	
3748002.8 10.91405 (12052806)	10.32775 (12052806)	9.78595 (12052806)
9.28334 (12052806)	8.81550 (12052806)	
3747952.8 11.80685 (12052806)	11.13259 (12052806)	10.51382 (12052806)
9.94341 (12052806)	9.41551 (12052806)	
3747902.8 12.84281 (12052806)	12.05877 (12052806)	11.34513 (12052806)
10.69214 (12052806)	10.09189 (12052806)	
3747852.8 14.06150 (12052806)	13.13745 (12052806)	12.30469 (12052806)
11.54947 (12052806)	10.86080 (12052806)	
3747802.8 15.51906 (12052806)	14.41185 (12052806)	13.42615 (12052806)
12.54189 (12052806)	11.74333 (12052806)	
3747752.8 17.29813 (12052806)	15.94364 (12052806)	14.75628 (12052806)
13.70543 (12052806)	12.76766 (12052806)	
3747702.8 19.52590 (12052806)	17.82426 (12052806)	16.36224 (12052806)
15.09044 (12052806)	13.97222 (12052806)	
3747652.8 22.40953 (12052806)	20.19564 (12052806)	18.34428 (12052806)
16.76964 (12052806)	15.41108 (12052806)	
3747602.8 26.31226 (12052806)	23.29140 (12052806)	20.85941 (12052806)
18.85256 (12052806)	17.16300 (12052806)	
3747552.8 31.93876 (12052806)	27.52771 (12052806)	24.17016 (12052806)
21.51325 (12052806)	19.34796 (12052806)	
3747502.8 40.87830 (12052806)	33.73562 (12052806)	28.75662 (12052806)
25.04876 (12052806)	22.15953 (12052806)	
3747452.8 57.75361 (12052806)	43.89776 (12052806)	35.61779 (12052806)
30.01765 (12052806)	25.93408 (12052806)	
3747402.8 62.07725 (12052806)	64.43419 (12052806)	47.28517 (12052806)
37.62418 (12052806)	31.31739 (12052806)	
3747352.8 45.54871 (12052806)	44.97629 (12052806)	52.44274 (12052806)
51.07885 (12052806)	39.74286 (12052806)	
3747302.8 55.48702 (12052806)	48.31150 (13052506)	44.76517 (12052806)
57.24931 (12052806)	55.26587 (12052806)	
3747252.8 49.88870 (12052806)	69.31735 (12052806)	65.01172 (12052806)
47.02601 (12052806)	41.75241 (12052806)	
3747202.8 37.02371 (12052806)	46.03388 (12052806)	62.19507 (12052806)
42.51767 (12052806)	50.48161 (12052806)	
3747152.8 29.57373 (12052806)	34.84753 (12052806)	42.81993 (12052806)
56.53607 (12052806)	43.76082 (13052506)	
3747102.8 24.60320 (12052806)	28.07335 (12052806)	32.84955 (12052806)
39.89680 (12052806)	51.50089 (12052806)	
3747052.8 20.99873 (12052806)	23.44052 (12052806)	26.60215 (12052806)
30.87039 (12052806)	36.96756 (12052806)	
3747002.8 18.23973 (12052806)	20.03195 (12052806)	22.25124 (12052806)
25.07100 (12052806)	28.76479 (12052806)	
3746952.8 16.04791 (12052806)	17.40144 (12052806)	19.02037 (12052806)
20.98818 (12052806)	23.42213 (12052806)	
3746902.8 14.25953 (12052806)	15.30285 (12052806)	16.51628 (12052806)
17.94216 (12052806)	19.63565 (12052806)	

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)	408293.32	408343.32	408393.32
408443.32	408493.32		

3746852.8 | 12.77097 (12052806) 13.58740 (12052806) 14.51499 (12052806)
15.57585 (12052806) 16.79728 (12052806)
3746802.8 | 11.51279 (12052806) 12.15894 (12052806) 12.87833 (12052806)
13.68240 (12052806) 14.58459 (12052806)
3746752.8 | 10.43635 (12052806) 10.95213 (12052806) 11.51595 (12052806)
12.13335 (12052806) 12.81036 (12052806)
3746702.8 | 9.50639 (12052806) 9.92076 (12052806) 10.36607 (12052806)
10.84447 (12052806) 11.35787 (12052806)
3746652.8 | 8.69652 (12052806) 9.03106 (12052806) 9.38477 (12052806)
9.75786 (12052806) 10.14997 (12052806)

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** *** 20:27:07

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)	408543.32	408593.32	408643.32
408693.32	408743.32		

3748852.8 | 3.74271 (12052806) 3.64250 (12052806) 3.54496 (12052806)
3.45000 (12052806) 3.35754 (12052806)
3748802.8 | 3.89154 (12052806) 3.78412 (12052806) 3.67970 (12052806)
3.57818 (12052806) 3.47947 (12052806)
3748752.8 | 4.04909 (12052806) 3.93384 (12052806) 3.82196 (12052806)

3.71334 (12052806)	3.60786 (12052806)	
3748702.8 4.21613 (12052806)	4.09234 (12052806)	3.97237 (12052806)
3.85604 (12052806)	3.74323 (12052806)	
3748652.8 4.39350 (12052806)	4.26041 (12052806)	4.13161 (12052806)
4.00691 (12052806)	3.88614 (12052806)	
3748602.8 4.58218 (12052806)	4.43892 (12052806)	4.30048 (12052806)
4.16665 (12052806)	4.03722 (12052806)	
3748552.8 4.78328 (12052806)	4.62885 (12052806)	4.47987 (12052806)
4.33606 (12052806)	4.19720 (12052806)	
3748502.8 4.99806 (12052806)	4.83135 (12052806)	4.67079 (12052806)
4.51606 (12052806)	4.36687 (12052806)	
3748452.8 5.22796 (12052806)	5.04769 (12052806)	4.87438 (12052806)
4.70765 (12052806)	4.54716 (12052806)	
3748402.8 5.47467 (12052806)	5.27939 (12052806)	5.09199 (12052806)
4.91203 (12052806)	4.73910 (12052806)	
3748352.8 5.74014 (12052806)	5.52814 (12052806)	5.32512 (12052806)
5.13053 (12052806)	4.94389 (12052806)	
3748302.8 6.02663 (12052806)	5.79597 (12052806)	5.57555 (12052806)
5.36472 (12052806)	5.16289 (12052806)	
3748252.8 6.33681 (12052806)	6.08521 (12052806)	5.84533 (12052806)
5.61639 (12052806)	5.39768 (12052806)	
3748202.8 6.67386 (12052806)	6.39861 (12052806)	6.13687 (12052806)
5.88765 (12052806)	5.65011 (12052806)	
3748152.8 7.04154 (12052806)	6.73946 (12052806)	6.45299 (12052806)
6.18096 (12052806)	5.92230 (12052806)	
3748102.8 7.44438 (12052806)	7.11164 (12052806)	6.79708 (12052806)
6.49923 (12052806)	6.21678 (12052806)	
3748052.8 7.88786 (12052806)	7.51986 (12052806)	7.17316 (12052806)
6.84592 (12052806)	6.53653 (12052806)	
3748002.8 8.37872 (12052806)	7.96981 (12052806)	7.58608 (12052806)
7.22518 (12052806)	6.88509 (12052806)	
3747952.8 8.92524 (12052806)	8.46849 (12052806)	8.04174 (12052806)
7.64202 (12052806)	7.26674 (12052806)	
3747902.8 9.53785 (12052806)	9.02455 (12052806)	8.54742 (12052806)
8.10255 (12052806)	7.68663 (12052806)	
3747852.8 10.22973 (12052806)	9.64888 (12052806)	9.11213 (12052806)
8.61432 (12052806)	8.15111 (12052806)	
3747802.8 11.01788 (12052806)	10.35531 (12052806)	9.74725 (12052806)
9.18675 (12052806)	8.66804 (12052806)	
3747752.8 11.92462 (12052806)	11.16175 (12052806)	10.46731 (12052806)
9.83176 (12052806)	9.24727 (12052806)	
3747702.8 12.97982 (12052806)	12.09176 (12052806)	11.29119 (12052806)
10.56467 (12052806)	9.90137 (12052806)	
3747652.8 14.22453 (12052806)	13.17716 (12052806)	12.24397 (12052806)
11.40555 (12052806)	10.64665 (12052806)	
3747602.8 15.71690 (12052806)	14.46191 (12052806)	13.35965 (12052806)
12.38128 (12052806)	11.50466 (12052806)	
3747552.8 17.54246 (12052806)	16.00885 (12052806)	14.68575 (12052806)
13.52868 (12052806)	12.50461 (12052806)	
3747502.8 19.83295 (12052806)	17.91130 (12052806)	16.29081 (12052806)
14.89981 (12052806)	13.68711 (12052806)	
3747452.8 22.80362 (12052806)	20.31458 (12052806)	18.27787 (12052806)
16.57093 (12052806)	15.11057 (12052806)	
3747402.8 26.83407 (12052806)	23.45939 (12052806)	20.80993 (12052806)
18.65885 (12052806)	16.86250 (12052806)	
3747352.8 32.66917 (12052806)	27.77857 (12052806)	24.16273 (12052806)
21.35320 (12052806)	19.08093 (12052806)	
3747302.8 42.02677 (12052806)	34.14711 (12052806)	28.84716 (12052806)
24.98639 (12052806)	21.99870 (12052806)	
3747252.8 60.13398 (12052806)	44.67918 (12052806)	35.94265 (12052806)
30.20780 (12052806)	26.04609 (12052806)	
3747202.8 43.75968 (12052806)	66.23165 (12052806)	48.26171 (12052806)
38.51177 (12052806)	32.12783 (12052806)	
3747152.8 45.08952 (12052806)	66.56310 (12052806)	55.10923 (12052806)
54.42479 (12052806)	42.55341 (12052806)	
3747102.8 52.56841 (12052806)	43.65684 (13052506)	45.20521 (12052806)

59.96877 (12052806)	65.62619 (12052806)		
3747052.8 46.38811 (12052806)	62.81792 (12052806)	45.19252 (13052506)	
42.96712 (12052806)	43.47648 (12052806)		
3747002.8 33.77907 (12052806)	40.88148 (12052806)	51.65119 (12052806)	
50.20729 (12052806)	44.82519 (13052506)		
3746952.8 26.49006 (12052806)	30.44735 (12052806)	35.74538 (12052806)	
43.33367 (12052806)	55.50980 (12052806)		
3746902.8 21.67049 (12052806)	24.15263 (12052806)	27.25300 (12052806)	
31.27707 (12052806)	36.80792 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	408543.32	408593.32
408693.32	408743.32	408643.32

3746852.8 18.21420 (12052806)	19.87456 (12052806)	21.85024 (12052806)
24.25621 (12052806)	27.28260 (12052806)	
3746802.8 15.60130 (12052806)	16.75379 (12052806)	18.07156 (12052806)
19.59700 (12052806)	21.39112 (12052806)	
3746752.8 13.55371 (12052806)	14.37130 (12052806)	15.27269 (12052806)
16.26934 (12052806)	17.37344 (12052806)	
3746702.8 11.90783 (12052806)	12.49541 (12052806)	13.12070 (12052806)
13.78191 (12052806)	14.47298 (12052806)	
3746652.8 10.55994 (12052806)	10.98549 (12052806)	11.42259 (12052806)
11.86440 (12052806)	12.29939 (12052806)	

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 20:27:07

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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 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD (METERS)			X-COORD (METERS)
408943.32	408793.32	408843.32	408893.32

3748852.8	3.26752	(12052806)	3.17987	(12052806)	3.09453	(12052806)
3.01145	(12052806)	2.93058	(12052806)			
3748802.8	3.38347	(12052806)	3.29011	(12052806)	3.19933	(12052806)
3.11104	(12052806)	3.02520	(12052806)			
3748752.8	3.50541	(12052806)	3.40590	(12052806)	3.30925	(12052806)
3.21537	(12052806)	3.12418	(12052806)			
3748702.8	3.63380	(12052806)	3.52765	(12052806)	3.42467	(12052806)
3.32476	(12052806)	3.22783	(12052806)			
3748652.8	3.76915	(12052806)	3.65581	(12052806)	3.54599	(12052806)
3.43957	(12052806)	3.33646	(12052806)			
3748602.8	3.91202	(12052806)	3.79089	(12052806)	3.67367	(12052806)
3.56023	(12052806)	3.45044	(12052806)			
3748552.8	4.06306	(12052806)	3.93346	(12052806)	3.80821	(12052806)
3.68716	(12052806)	3.57016	(12052806)			
3748502.8	4.22299	(12052806)	4.08416	(12052806)	3.95019	(12052806)
3.82088	(12052806)	3.69606	(12052806)			
3748452.8	4.39261	(12052806)	4.24371	(12052806)	4.10023	(12052806)
3.96194	(12052806)	3.82864	(12052806)			
3748402.8	4.57284	(12052806)	4.41293	(12052806)	4.25907	(12052806)
4.11098	(12052806)	3.96845	(12052806)			
3748352.8	4.76475	(12052806)	4.59274	(12052806)	4.42750	(12052806)
4.26872	(12052806)	4.11611	(12052806)			
3748302.8	4.96954	(12052806)	4.78420	(12052806)	4.60646	(12052806)
4.43595	(12052806)	4.27232	(12052806)			
3748252.8	5.18858	(12052806)	4.98852	(12052806)	4.79701	(12052806)
4.61360	(12052806)	4.43789	(12052806)			
3748202.8	5.42348	(12052806)	5.20709	(12052806)	5.00035	(12052806)
4.80272	(12052806)	4.61372	(12052806)			
3748152.8	5.67610	(12052806)	5.44153	(12052806)	5.21788	(12052806)
5.00451	(12052806)	4.80084	(12052806)			
3748102.8	5.94861	(12052806)	5.69372	(12052806)	5.45124	(12052806)
5.22038	(12052806)	5.00046	(12052806)			
3748052.8	6.24359	(12052806)	5.96587	(12052806)	5.70230	(12052806)
5.45194	(12052806)	5.21395	(12052806)			
3748002.8	6.56407	(12052806)	6.26059	(12052806)	5.97331	(12052806)
5.70110	(12052806)	5.44293	(12052806)			
3747952.8	6.91369	(12052806)	6.58096	(12052806)	6.26690	(12052806)
5.97009	(12052806)	5.68930	(12052806)			
3747902.8	7.29683	(12052806)	6.93072	(12052806)	6.58623	(12052806)
6.26160	(12052806)	5.95529	(12052806)			
3747852.8	7.71884	(12052806)	7.31438	(12052806)	6.93511	(12052806)
6.57881	(12052806)	6.24359	(12052806)			
3747802.8	8.18629	(12052806)	7.73746	(12052806)	7.31818	(12052806)
6.92562	(12052806)	6.55744	(12052806)			
3747752.8	8.70739	(12052806)	8.20682	(12052806)	7.74116	(12052806)
7.30681	(12052806)	6.90079	(12052806)			
3747702.8	9.29255	(12052806)	8.73109	(12052806)	8.21124	(12052806)
7.72830	(12052806)	7.27851	(12052806)			
3747652.8	9.95512	(12052806)	9.32131	(12052806)	8.73751	(12052806)
8.19761	(12052806)	7.69674	(12052806)			
3747602.8	10.71264	(12052806)	9.99182	(12052806)	9.33178	(12052806)
8.72437	(12052806)	8.16328	(12052806)			
3747552.8	11.58861	(12052806)	10.76173	(12052806)	10.00957	(12052806)

9.32117 (12052806) 8.68825 (12052806) 10.79189 (12052806)
3747502.8 | 12.61535 (12052806) 11.65705 (12052806)
10.00490 (12052806) 9.28505 (12052806)
3747452.8 | 13.83871 (12052806) 12.71422 (12052806) 11.70783 (12052806)
10.79866 (12052806) 9.97179 (12052806)
3747402.8 | 15.32619 (12052806) 13.98616 (12052806) 12.79902 (12052806)
11.73501 (12052806) 10.77361 (12052806)
3747352.8 | 17.18187 (12052806) 15.55276 (12052806) 14.12714 (12052806)
12.86138 (12052806) 11.72645 (12052806)
3747302.8 | 19.57584 (12052806) 17.54092 (12052806) 15.78763 (12052806)
14.24940 (12052806) 12.88337 (12052806)
3747252.8 | 22.80768 (12052806) 20.16483 (12052806) 17.93594 (12052806)
16.01234 (12052806) 14.32611 (12052806)
3747202.8 | 27.46035 (12052806) 23.81571 (12052806) 20.84224 (12052806)
18.33971 (12052806) 16.18716 (12052806)
3747152.8 | 34.84028 (12052806) 29.28987 (12052806) 25.01903 (12052806)
21.57313 (12052806) 18.69639 (12052806)
3747102.8 | 48.62010 (12052806) 38.50263 (12052806) 31.57191 (12052806)
26.39714 (12052806) 22.29170 (12052806)
3747052.8 | 54.86310 (12052806) 57.68722 (12052806) 43.44058 (12052806)
34.42074 (12052806) 27.92907 (12052806)
3747002.8 | 41.94209 (12052806) 41.50812 (15122816) 49.46633 (12052806)
50.60826 (12052806) 38.19680 (12052806)
3746952.8 | 52.33613 (12052806) 41.41037 (13052506) 39.93053 (15122816)
39.09432 (16050618) 43.36764 (12052806)
3746902.8 | 45.06021 (12052806) 59.07206 (12052806) 52.49933 (12052806)
36.92127 (12052806) 39.47946 (15122816)
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 408793.32 408843.32 408893.32
408943.32 408993.32

3746852.8 | 31.25350 (12052806) 36.74641 (12052806) 44.82864 (12052806)
58.80527 (13041207) 46.55747 (12052806)
3746802.8 | 23.53914 (12052806) 26.15322 (12052806) 29.36625 (12052806)
33.33104 (12052806) 41.43280 (13041207)
3746752.8 | 18.59375 (12052806) 19.92499 (12052806) 21.32514 (12052806)
22.66591 (12052806) 26.07305 (13041207)
3746702.8 | 15.17911 (12052806) 15.86845 (12052806) 16.47775 (12052806)
16.88904 (12052806) 18.86875 (13041207)
3746652.8 | 12.70841 (12052806) 13.06017 (12052806) 13.30548 (12052806)

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD	X-COORD (METERS)	
(METERS)		
409193.32	409043.32	409093.32
	409243.32	409143.32

3748852.8	2.85187 (12052806)	2.77528 (12052806)	2.70075 (12052806)
2.62827 (12052806)	2.55777 (12052806)		
3748802.8	2.94174 (12052806)	2.86061 (12052806)	2.78176 (12052806)
2.70514 (12052806)	2.63070 (12052806)		
3748752.8	3.03563 (12052806)	2.94964 (12052806)	2.86616 (12052806)
2.78513 (12052806)	2.70648 (12052806)		
3748702.8	3.13381 (12052806)	3.04261 (12052806)	2.95417 (12052806)
2.86841 (12052806)	2.78527 (12052806)		
3748652.8	3.23656 (12052806)	3.13976 (12052806)	3.04600 (12052806)
2.95518 (12052806)	2.86724 (12052806)		
3748602.8	3.34419 (12052806)	3.24138 (12052806)	3.14190 (12052806)
3.04565 (12052806)	2.95256 (12052806)		
3748552.8	3.45707 (12052806)	3.34776 (12052806)	3.24213 (12052806)
3.14006 (12052806)	3.04145 (12052806)		
3748502.8	3.57557 (12052806)	3.45926 (12052806)	3.34700 (12052806)
3.23866 (12052806)	3.13411 (12052806)		
3748452.8	3.70013 (12052806)	3.57624 (12052806)	3.45682 (12052806)
3.34172 (12052806)	3.23079 (12052806)		
3748402.8	3.83123 (12052806)	3.69913 (12052806)	3.57197 (12052806)
3.44956 (12052806)	3.33175 (12052806)		
3748352.8	3.96941 (12052806)	3.82839 (12052806)	3.69282 (12052806)
3.56252 (12052806)	3.43728 (12052806)		
3748302.8	4.11528 (12052806)	3.96454 (12052806)	3.81985 (12052806)
3.68097 (12052806)	3.54769 (12052806)		
3748252.8	4.26953 (12052806)	4.10817 (12052806)	3.95354 (12052806)
3.80534 (12052806)	3.66333 (12052806)		
3748202.8	4.43293 (12052806)	4.25995 (12052806)	4.09445 (12052806)
3.93610 (12052806)	3.78460 (12052806)		
3748152.8	4.60637 (12052806)	4.42064 (12052806)	4.24323 (12052806)
4.07378 (12052806)	3.91194 (12052806)		
3748102.8	4.79087 (12052806)	4.59108 (12052806)	4.40059 (12052806)
4.21897 (12052806)	4.04582 (12052806)		
3748052.8	4.98761 (12052806)	4.77227 (12052806)	4.56736 (12052806)
4.37235 (12052806)	4.18680 (12052806)		
3748002.8	5.19794 (12052806)	4.96534 (12052806)	4.74446 (12052806)

4.53470 (12052806)	4.33549 (12052806)	
3747952.8 5.42345 (12052806)	5.17162 (12052806)	4.93300 (12052806)
4.70688 (12052806)	4.49259 (12052806)	
3747902.8 5.66602 (12052806)	5.39266 (12052806)	5.13424 (12052806)
4.88991 (12052806)	4.65891 (12052806)	
3747852.8 5.92787 (12052806)	5.63027 (12052806)	5.34964 (12052806)
5.08497 (12052806)	4.83535 (12052806)	
3747802.8 6.21167 (12052806)	5.88664 (12052806)	5.58096 (12052806)
5.29342 (12052806)	5.02297 (12052806)	
3747752.8 6.52065 (12052806)	6.16438 (12052806)	5.83027 (12052806)
5.51689 (12052806)	5.22297 (12052806)	
3747702.8 6.85880 (12052806)	6.46667 (12052806)	6.10007 (12052806)
5.75728 (12052806)	5.43679 (12052806)	
3747652.8 7.23104 (12052806)	6.79743 (12052806)	6.39340 (12052806)
6.01687 (12052806)	5.66608 (12052806)	
3747602.8 7.64362 (12052806)	7.16153 (12052806)	6.71397 (12052806)
6.29844 (12052806)	5.91280 (12052806)	
3747552.8 8.10452 (12052806)	7.56517 (12052806)	7.06644 (12052806)
6.60533 (12052806)	6.17926 (12052806)	
3747502.8 8.62420 (12052806)	8.01627 (12052806)	7.45665 (12052806)
6.94166 (12052806)	6.46820 (12052806)	
3747452.8 9.21656 (12052806)	8.52524 (12052806)	7.89208 (12052806)
7.31256 (12052806)	6.78289 (12052806)	
3747402.8 9.90059 (12052806)	9.10594 (12052806)	8.38241 (12052806)
7.72440 (12052806)	7.12718 (12052806)	
3747352.8 10.70283 (12052806)	9.77728 (12052806)	8.94046 (12052806)
8.18527 (12052806)	7.50564 (12052806)	
3747302.8 11.66160 (12052806)	10.56577 (12052806)	9.58347 (12052806)
8.70542 (12052806)	7.92355 (12052806)	
3747252.8 12.83425 (12052806)	11.50975 (12052806)	10.33520 (12052806)
9.29798 (12052806)	8.38685 (12052806)	
3747202.8 14.31084 (12052806)	12.66692 (12052806)	11.22928 (12052806)
9.97980 (12052806)	8.90171 (12052806)	
3747152.8 16.24180 (12052806)	14.12887 (12052806)	12.31493 (12052806)
10.77220 (12052806)	9.47336 (12052806)	
3747102.8 18.90067 (12052806)	16.05140 (12052806)	13.66687 (12052806)
11.70094 (12052806)	10.10305 (12052806)	
3747052.8 22.84824 (12052806)	18.72580 (12052806)	15.40295 (12052806)
12.79231 (12052806)	10.78074 (12052806)	
3747002.8 29.45815 (12052806)	22.77409 (12052806)	17.78559 (12020617)
14.05434 (12052806)	11.46864 (12052806)	
3746952.8 43.23705 (12052806)	30.97596 (12020617)	20.87193 (12052806)
16.03127 (13090518)	13.60817 (13090518)	
3746902.8 37.77484 (16050618)	38.62110 (16112016)	32.51011 (16112016)
22.68808 (16112016)	17.36604 (13090518)	

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO
MICROGRAMS/M**3

IN

**

Y-COORD				X-COORD (METERS)
(METERS)		409043.32	409093.32	409143.32
409193.32		409243.32		

3746852.8		34.87444 (15122816)	38.75151 (15122816)	38.67590 (13090518)
25.18716 (13090518)		18.72587 (13090518)		
3746802.8		55.23984 (13041207)	42.79496 (15122816)	35.46721 (15122816)
26.15079 (15122816)		19.34878 (15122816)		
3746752.8		30.59924 (13041207)	27.60346 (13041207)	21.84225 (15122816)
21.71418 (15122816)		19.18533 (15122816)		
3746702.8		21.05902 (13041207)	20.08162 (13041207)	16.18260 (16020617)
15.11974 (14030117)		15.12894 (15122816)		
3746652.8		15.95098 (13041207)	15.61856 (13041207)	13.13223 (16020617)
11.58715 (16020617)		11.63339 (14030117)		

FF *** AERMOD - VERSION 22112 *** ** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO
MICROGRAMS/M**3

IN

**

Y-COORD				X-COORD (METERS)
(METERS)		406293.32	406343.32	406393.32
406443.32		406493.32		

3748852.8		8.19475c(14012008)	9.52282c(14012008)	11.11182c(14012008)
12.71466c(14012008)		13.77630c(14012008)		
3748802.8		9.23072c(14012008)	11.25139c(14012008)	14.17990c(14012008)
17.88625c(14012008)		20.19669c(14012008)		
3748752.8		10.24662c(14012008)	13.16858c(14012008)	18.70550c(14012008)
31.35243c(14012008)		20.60556c(14012008)		
3748702.8		11.01378c(14012008)	14.61231c(14012008)	22.57026c(14012008)
21.80803c(14012008)		18.11318c(14012008)		
3748652.8		11.35056c(14012008)	14.94535c(14012008)	21.98615c(14012008)
39.05079c(14012008)		26.32284c(14012008)		
3748602.8		11.27642c(14012008)	14.41277c(14012008)	19.61563c(14012008)
28.85107c(14012008)		46.66687c(14012008)		
3748552.8		10.93822c(14012008)	13.54483c(14012008)	17.40703c(14012008)
23.32221c(14012008)		32.87251c(14012008)		
3748502.8		10.47136c(14012008)	12.62254c(14012008)	15.58421c(14012008)
19.75077c(14012008)		25.83118c(14012008)		
3748452.8		9.95846c(14012008)	11.74614c(14012008)	14.08658c(14012008)

17.20038c(14012008)	21.45542c(14012008)	
3748402.8	9.44232c(14012008)	10.94336c(14012008)
15.25908c(14012008)	18.41684c(14012008)	
3748352.8	8.94335c(14012008)	10.21674c(14012008)
13.71550c(14012008)	16.15258c(14012008)	
3748302.8	8.47052c(14012008)	9.56086c(14012008)
12.44958c(14012008)	14.38319c(14012008)	
3748252.8	8.02714c(14012008)	8.96844c(14012008)
11.38801c(14012008)	12.95447c(14012008)	
3748202.8	7.61372c(14012008)	8.43233c(14012008)
10.48321c(14012008)	11.77385c(14012008)	
3748152.8	7.22943c(14012008)	7.94608c(14012008)
9.70248c(14012008)	10.78139c(14012008)	
3748102.8	6.87273c(14012008)	7.50401c(14012008)
9.02214c(14012008)	9.93570c(14012008)	
3748052.8	6.54181c(14012008)	7.10110c(14012008)
8.42433c(14012008)	9.20680c(14012008)	
3748002.8	6.23474c(14012008)	6.73295c(14012008)
7.89515c(14012008)	8.57228c(14012008)	
3747952.8	5.94959c(14012008)	6.39565c(14012008)
7.42359c(14012008)	8.01497c(14012008)	
3747902.8	5.68450c(14012008)	6.08578c(14012008)
7.00079c(14012008)	7.52155c(14012008)	
3747852.8	5.43772c(14012008)	5.80033c(14012008)
6.61956c(14012008)	7.08149c(14012008)	
3747802.8	5.20763c(14012008)	5.53664c(14012008)
6.27401c(14012008)	6.68644c(14012008)	
3747752.8	4.99272c(14012008)	5.29240c(14012008)
5.95928c(14012008)	6.32966c(14012008)	
3747702.8	4.79165c(14012008)	5.06557c(14012008)
5.67133c(14012008)	6.00568c(14012008)	
3747652.8	4.60317c(14012008)	4.85437c(14012008)
5.40679c(14012008)	5.71002c(14012008)	
3747602.8	4.42619c(14012008)	4.65724c(14012008)
5.16282c(14012008)	5.43899c(14012008)	
3747552.8	4.25970c(14012008)	4.47282c(14012008)
4.93704c(14012008)	5.18950c(14012008)	
3747502.8	4.10282c(14012008)	4.29989c(14012008)
4.72741c(14012008)	4.95898c(14012008)	
3747452.8	3.95475c(14012008)	4.13740c(14012008)
4.53218c(14012008)	4.74524c(14012008)	
3747402.8	3.81475c(14012008)	3.98441c(14012008)
4.34985c(14012008)	4.54642c(14012008)	
3747352.8	3.68220c(14012008)	3.84010c(14012008)
4.17914c(14012008)	4.36096c(14012008)	
3747302.8	3.55651c(14012008)	3.70373c(14012008)
4.01893c(14012008)	4.18747c(14012008)	
3747252.8	3.43716c(14012008)	3.57464c(14012008)
3.86822c(14012008)	4.02480c(14012008)	
3747202.8	3.32367c(14012008)	3.45227c(14012008)
3.72618c(14012008)	3.87191c(14012008)	
3747152.8	3.21564c(14012008)	3.33609c(14012008)
3.59205c(14012008)	3.72791c(14012008)	
3747102.8	3.11266c(14012008)	3.22564c(14012008)
3.46517c(14012008)	3.59202c(14012008)	
3747052.8	3.01441c(14012008)	3.12050c(14012008)
3.34494c(14012008)	3.46356c(14012008)	
3747002.8	2.92056c(14012008)	3.02029c(14012008)
3.23085c(14012008)	3.34191c(14012008)	
3746952.8	2.83084c(14012008)	2.92468c(14012008)
3.12243c(14012008)	3.22654c(14012008)	
3746902.8	2.74497c(14012008)	2.83335c(14012008)
3.01927c(14012008)	3.11697c(14012008)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 406293.32 406343.32 406393.32
406443.32 406493.32

3746852.8 | 2.66272c(14012008) 2.74604c(14012008) 2.83210c(14012008)
2.92099c(14012008) 3.01276c(14012008)
3746802.8 | 2.58388c(14012008) 2.66249c(14012008) 2.74359c(14012008)
2.82726c(14012008) 2.91354c(14012008)
3746752.8 | 2.50825c(14012008) 2.58246c(14012008) 2.65895c(14012008)
2.73777c(14012008) 2.81896c(14012008)
3746702.8 | 2.43563c(14012008) 2.50576c(14012008) 2.57795c(14012008)
2.65225c(14012008) 2.72871c(14012008)
3746652.8 | 2.36588c(14012008) 2.43217c(14012008) 2.50035c(14012008)
2.57045c(14012008) 2.64251c(14012008)

FF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 406543.32 406593.32 406643.32
406693.32 406743.32

3748852.8	13.95984c(14012008)	13.51405c(14012008)	12.80800c(14012008)
12.05112c(14012008)	11.33012c(14012008)		
3748802.8	19.56004c(14012008)	17.82514c(14012008)	16.10460c(14012008)
14.62772c(14012008)	13.39793c(14012008)		
3748752.8	31.57960c(12020624)	25.14255c(12020624)	21.00228c(14012008)
18.16006c(14012008)	16.08529c(14012008)		
3748702.8	36.82941c(14012008)	38.31938c(14012008)	28.54431c(14012008)
23.11315c(14012008)	19.63414c(14012008)		
3748652.8	29.39861c(14012008)	42.47230c(14012008)	41.20198c(14012008)
30.40344c(14012008)	24.47007c(14012008)		
3748602.8	32.68742c(14012008)	34.82175c(14012008)	31.01730c(14012008)
42.39475c(14012008)	31.48692c(14012008)		
3748552.8	50.85471c(14012008)	33.41062c(14012008)	40.76573c(14012008)
47.77797c(14012008)	42.97281c(14012008)		
3748502.8	35.47386c(14012008)	53.99893c(14012008)	35.43112c(14012008)
37.61701c(14012008)	46.09697c(14012008)		
3748452.8	27.58132c(14012008)	37.33400c(14012008)	56.28210c(14012008)
39.52603c(14012008)	37.53314c(14012008)		
3748402.8	22.68437c(14012008)	28.82274c(14012008)	38.67572c(14012008)
58.08713c(14012008)	38.56196c(14012008)		
3748352.8	19.29864c(14012008)	23.53150c(14012008)	29.62127c(14012008)
39.42441c(14012008)	42.61040c(14012008)		
3748302.8	16.79123c(14012008)	19.87416c(14012008)	23.98748c(14012008)
29.81680c(14012008)	38.80022c(14012008)		
3748252.8	14.84873c(14012008)	17.18096c(14012008)	20.12427c(14012008)
23.95986c(14012008)	29.16008c(14012008)		
3748202.8	13.29703c(14012008)	15.11525c(14012008)	17.31781c(14012008)
20.03458c(14012008)	23.46082c(14012008)		
3748152.8	12.02938c(14012008)	13.48328c(14012008)	15.19225c(14012008)
17.22314c(14012008)	19.67032c(14012008)		
3748102.8	10.97515c(14012008)	12.16315c(14012008)	13.52855c(14012008)
15.10907c(14012008)	16.95588c(14012008)		
3748052.8	10.08516c(14012008)	11.07393c(14012008)	12.19111c(14012008)
13.45960c(14012008)	14.90971c(14012008)		
3748002.8	9.32397c(14012008)	10.15993c(14012008)	11.09198c(14012008)
12.13488c(14012008)	13.30782c(14012008)		
3747952.8	8.66543c(14012008)	9.38171c(14012008)	10.17191c(14012008)
11.04601c(14012008)	12.01680c(14012008)		
3747902.8	8.08990c(14012008)	8.71068c(14012008)	9.38966c(14012008)
10.13384c(14012008)	10.95211c(14012008)		
3747852.8	7.58234c(14012008)	8.12567c(14012008)	8.71571c(14012008)
9.35755c(14012008)	10.05753c(14012008)		
3747802.8	7.13110c(14012008)	7.61071c(14012008)	8.12841c(14012008)
8.68802c(14012008)	9.29419c(14012008)		
3747752.8	6.72705c(14012008)	7.15354c(14012008)	7.61154c(14012008)
8.10396c(14012008)	8.63430c(14012008)		
3747702.8	6.36289c(14012008)	6.74460c(14012008)	7.15271c(14012008)
7.58944c(14012008)	8.05750c(14012008)		
3747652.8	6.03278c(14012008)	6.37637c(14012008)	6.74228c(14012008)
7.13228c(14012008)	7.54847c(14012008)		
3747602.8	5.73196c(14012008)	6.04278c(14012008)	6.37267c(14012008)
6.72302c(14012008)	7.09550c(14012008)		
3747552.8	5.45652c(14012008)	5.73897c(14012008)	6.03782c(14012008)
6.35420c(14012008)	6.68945c(14012008)		
3747502.8	5.20325c(14012008)	5.46093c(14012008)	5.73282c(14012008)
6.01985c(14012008)	6.32309c(14012008)		
3747452.8	4.96943c(14012008)	5.20535c(14012008)	5.45366c(14012008)
5.71513c(14012008)	5.99062c(14012008)		
3747402.8	4.75281c(14012008)	4.96950c(14012008)	5.19705c(14012008)
5.43609c(14012008)	5.68735c(14012008)		
3747352.8	4.55146c(14012008)	4.75105c(14012008)	4.96021c(14012008)
5.17947c(14012008)	5.40942c(14012008)		
3747302.8	4.36374c(14012008)	4.54807c(14012008)	4.74085c(14012008)
4.94254c(14012008)	5.15364c(14012008)		
3747252.8	4.18825c(14012008)	4.35887c(14012008)	4.53701c(14012008)

4.72302c(14012008)	4.91735c(14012008)		
3747202.8	4.02378c(14012008)	4.18205c(14012008)	4.34701c(14012008)
4.51898c(14012008)	4.69831c(14012008)		
3747152.8	3.86928c(14012008)	4.01638c(14012008)	4.16945c(14012008)
4.32876c(14012008)	4.49462c(14012008)		
3747102.8	3.72383c(14012008)	3.86078c(14012008)	4.00307c(14012008)
4.15095c(14012008)	4.30466c(14012008)		
3747052.8	3.58664c(14012008)	3.71434c(14012008)	3.84683c(14012008)
3.98432c(14012008)	4.12703c(14012008)		
3747002.8	3.45700c(14012008)	3.57624c(14012008)	3.69980c(14012008)
3.82783c(14012008)	3.96054c(14012008)		
3746952.8	3.33429c(14012008)	3.44578c(14012008)	3.56115c(14012008)
3.68055c(14012008)	3.80414c(14012008)		
3746902.8	3.21795c(14012008)	3.32232c(14012008)	3.43019c(14012008)
3.54168c(14012008)	3.65692c(14012008)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	406543.32	406593.32
406693.32	406743.32	406643.32

3746852.8	3.10751c(14012008)	3.20532c(14012008)	3.30628c(14012008)
3.41050c(14012008)	3.51809c(14012008)		
3746802.8	3.00252c(14012008)	3.09427c(14012008)	3.18886c(14012008)
3.28639c(14012008)	3.38695c(14012008)		
3746752.8	2.90260c(14012008)	2.98874c(14012008)	3.07745c(14012008)
3.16880c(14012008)	3.26288c(14012008)		
3746702.8	2.80739c(14012008)	2.88833c(14012008)	2.97159c(14012008)
3.05723c(14012008)	3.14533c(14012008)		
3746652.8	2.71658c(14012008)	2.79269c(14012008)	2.87089c(14012008)
2.95124c(14012008)	3.03380c(14012008)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)		
406943.32	406793.32 406843.32 406893.32	

3748852.8	10.67361c(14012008)	10.08614c(14012008)	9.56299c(14012008)
9.09651c(14012008)	8.67866c(14012008)		
3748802.8	12.37510c(14012008)	11.51755c(14012008)	10.79051c(14012008)
10.16652c(14012008)	9.62428c(14012008)		
3748752.8	14.50531c(14012008)	13.26197c(14012008)	12.25700c(14012008)
11.42588c(14012008)	10.72448c(14012008)		
3748702.8	17.20540c(14012008)	15.40978c(14012008)	14.02516c(14012008)
12.92101c(14012008)	12.01536c(14012008)		
3748652.8	20.70496c(14012008)	18.10047c(14012008)	16.18863c(14012008)
14.71985c(14012008)	13.54891c(14012008)		
3748602.8	25.42784c(14012008)	21.57103c(14012008)	18.89887c(14012008)
16.92897c(14012008)	15.40461c(14012008)		
3748552.8	32.26462c(14012008)	26.26537c(14012008)	22.42248c(14012008)
19.72839c(14012008)	17.71187c(14012008)		
3748502.8	43.43807c(14012008)	33.12351c(14012008)	27.28192c(14012008)
23.45077c(14012008)	20.69676c(14012008)		
3748452.8	46.97180c(14012008)	44.57994c(14012008)	34.68346c(14012008)
28.78739c(14012008)	24.79000c(14012008)		
3748402.8	40.69348c(14012008)	35.53051c(14012008)	48.22910c(14012008)
37.42817c(14012008)	30.91530c(14012008)		
3748352.8	36.84807c(14012008)	42.50027c(14012008)	53.51374c(14012008)
54.81790c(14012008)	41.47323c(14012008)		
3748302.8	54.37676c(14012008)	36.42147c(14012008)	39.64635c(14012008)
41.37267c(14012008)	47.10259c(14012008)		
3748252.8	36.60766c(14012008)	48.42095c(14012008)	48.66976c(14012008)
38.89706c(14012008)	40.07878c(14012008)		
3748202.8	27.91695c(14012008)	34.00523c(14012008)	43.04207c(14012008)
58.72282c(14012008)	39.21549c(14012008)		
3748152.8	22.67686c(14012008)	26.48148c(14012008)	31.52477c(14012008)
38.71689c(14012008)	50.24412c(14012008)		
3748102.8	19.14287c(14012008)	21.78459c(14012008)	25.07127c(14012008)
29.34045c(14012008)	35.24057c(14012008)		
3748052.8	16.58369c(14012008)	18.54376c(14012008)	20.88589c(14012008)
23.76462c(14012008)	27.44072c(14012008)		
3748002.8	14.63684c(14012008)	16.15871c(14012008)	17.92725c(14012008)
20.02333c(14012008)	22.57233c(14012008)		
3747952.8	13.10124c(14012008)	14.32249c(14012008)	15.71306c(14012008)
17.31942c(14012008)	19.20933c(14012008)		
3747902.8	11.85598c(14012008)	12.86078c(14012008)	13.98730c(14012008)
15.26412c(14012008)	16.73108c(14012008)		
3747852.8	10.82378c(14012008)	11.66682c(14012008)	12.60056c(14012008)
13.64356c(14012008)	14.82077c(14012008)		
3747802.8	9.95279c(14012008)	10.67132c(14012008)	11.45942c(14012008)
12.32965c(14012008)	13.29847c(14012008)		
3747752.8	9.20691c(14012008)	9.82726c(14012008)	10.50225c(14012008)
11.24070c(14012008)	12.05389c(14012008)		
3747702.8	8.56017c(14012008)	9.10154c(14012008)	9.68668c(14012008)

10.32196c(14012008)	11.01539c(14012008)		
3747652.8	7.99339c(14012008)	8.47015c(14012008)	8.98255c(14012008)
9.53532c(14012008)	10.13429c(14012008)		
3747602.8	7.49210c(14012008)	7.91522c(14012008)	8.36778c(14012008)
8.85336c(14012008)	9.37631c(14012008)		
3747552.8	7.04515c(14012008)	7.42318c(14012008)	7.82583c(14012008)
8.25585c(14012008)	8.71655c(14012008)		
3747502.8	6.64381c(14012008)	6.98354c(14012008)	7.34405c(14012008)
7.72751c(14012008)	8.13649c(14012008)		
3747452.8	6.28118c(14012008)	6.58803c(14012008)	6.91259c(14012008)
7.25659c(14012008)	7.62203c(14012008)		
3747402.8	5.95168c(14012008)	6.23006c(14012008)	6.52367c(14012008)
6.83387c(14012008)	7.16228c(14012008)		
3747352.8	5.65077c(14012008)	5.90433c(14012008)	6.17106c(14012008)
6.45206c(14012008)	6.74864c(14012008)		
3747302.8	5.37474c(14012008)	5.60650c(14012008)	5.84971c(14012008)
6.10528c(14012008)	6.37427c(14012008)		
3747252.8	5.12048c(14012008)	5.33297c(14012008)	5.55547c(14012008)
5.78873c(14012008)	6.03363c(14012008)		
3747202.8	4.88543c(14012008)	5.08079c(14012008)	5.28493c(14012008)
5.49850c(14012008)	5.72219c(14012008)		
3747152.8	4.66738c(14012008)	4.84744c(14012008)	5.03524c(14012008)
5.23130c(14012008)	5.43624c(14012008)		
3747102.8	4.46450c(14012008)	4.63082c(14012008)	4.80398c(14012008)
4.98442c(14012008)	5.17265c(14012008)		
3747052.8	4.27520c(14012008)	4.42913c(14012008)	4.58912c(14012008)
4.75556c(14012008)	4.92884c(14012008)		
3747002.8	4.09813c(14012008)	4.24084c(14012008)	4.38894c(14012008)
4.54274c(14012008)	4.70260c(14012008)		
3746952.8	3.93209c(14012008)	4.06461c(14012008)	4.20194c(14012008)
4.34432c(14012008)	4.49205c(14012008)		
3746902.8	3.77608c(14012008)	3.89932c(14012008)	4.02683c(14012008)
4.15884c(14012008)	4.29559c(14012008)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	406793.32	406843.32
406943.32	406993.32	406893.32

3746852.8	3.62919c(14012008)	3.74394c(14012008)
3.98507c(14012008)	4.11184c(14012008)	3.86251c(14012008)
3746802.8	3.49066c(14012008)	3.59763c(14012008)
		3.70800c(14012008)

3.82193c(14012008) 3.93959c(14012008) 3.56246c(14012008)
3746752.8 | 3.35978c(14012008) 3.45960c(14012008)
3.66849c(14012008) 3.77782c(14012008)
3746702.8 | 3.23595c(14012008) 3.32919c(14012008) 3.42514c(14012008)
3.52390c(14012008) 3.62560c(14012008)
3746652.8 | 3.11863c(14012008) 3.20579c(14012008) 3.29538c(14012008)
3.38746c(14012008) 3.48214c(14012008)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407043.32 407093.32 407143.32
407193.32 407243.32

3748852.8 | 8.30205c(14012008) 7.96028c(14012008) 7.64798c(14012008)
7.36071c(14012008) 7.09485c(14012008)
3748802.8 | 9.14733c(14012008) 8.72302c(14012008) 8.34160c(14012008)
7.99554c(14012008) 7.67899c(14012008)
3748752.8 | 10.12183c(14012008) 9.59575c(14012008) 9.13016c(14012008)
8.71320c(14012008) 8.33601c(14012008)
3748702.8 | 11.25453c(14012008) 10.60224c(14012008) 10.03341c(14012008)
9.53026c(14012008) 9.07992c(14012008)
3748652.8 | 12.58654c(14012008) 11.77565c(14012008) 11.07846c(14012008)
10.46910c(14012008) 9.92935c(14012008)
3748602.8 | 14.17918c(14012008) 13.16426c(14012008) 12.30384c(14012008)
11.56085c(14012008) 10.90968c(14012008)
3748552.8 | 16.12872c(14012008) 14.84130c(14012008) 13.76627c(14012008)
12.85005c(14012008) 12.05642c(14012008)
3748502.8 | 18.59503c(14012008) 16.92314c(14012008) 15.55243c(14012008)
14.40264c(14012008) 13.42062c(14012008)
3748452.8 | 21.86205c(14012008) 19.60489c(14012008) 17.80099c(14012008)
16.32002c(14012008) 15.07829c(14012008)
3748402.8 | 26.48212c(14012008) 23.23839c(14012008) 20.74739c(14012008)
18.76617c(14012008) 17.14753c(14012008)
3748352.8 | 33.68971c(14012008) 28.52895c(14012008) 24.82650c(14012008)
22.02524c(14012008) 19.82275c(14012008)
3748302.8 | 46.97513c(14012008) 37.14847c(14012008) 30.94922c(14012008)
26.64037c(14012008) 23.45034c(14012008)
3748252.8 | 52.23440c(14012008) 54.44324c(14012008) 41.44817c(14012008)
33.81428c(14012008) 28.72112c(14012008)
3748202.8 | 39.99200c(14012008) 39.27507c(14012008) 46.79136c(14012008)
46.93699c(14012008) 37.26926c(14012008)
3748152.8 | 49.56503c(14012008) 41.28595c(14012008) 39.95011c(14012008)

37.65964c(14012008)	54.31689c(14012008)	
3748102.8 44.17843c(14012008)	59.91994c(14012008)	55.58126c(14012008)
42.13408c(14012008)	38.98147c(14012008)	
3748052.8 32.38554c(14012008)	39.54735c(14012008)	51.16464c(14012008)
51.73963c(14012008)	44.55592c(14012008)	
3748002.8 25.77682c(14012008)	29.98474c(14012008)	35.84944c(14012008)
44.76820c(14012008)	60.35919c(14012008)	
3747952.8 21.48430c(14012008)	24.30222c(14012008)	27.92245c(14012008)
32.80601c(14012008)	39.87490c(14012008)	
3747902.8 18.44471c(14012008)	20.48731c(14012008)	22.98317c(14012008)
26.13029c(14012008)	30.26747c(14012008)	
3747852.8 16.16623c(14012008)	17.72722c(14012008)	19.57116c(14012008)
21.79784c(14012008)	24.56224c(14012008)	
3747802.8 14.38764c(14012008)	15.62632c(14012008)	17.05442c(14012008)
18.72798c(14012008)	20.72842c(14012008)	
3747752.8 12.95641c(14012008)	13.96727c(14012008)	15.11167c(14012008)
16.42363c(14012008)	17.95024c(14012008)	
3747702.8 11.77711c(14012008)	12.62007c(14012008)	13.56100c(14012008)
14.62179c(14012008)	15.83169c(14012008)	
3747652.8 10.78675c(14012008)	11.50183c(14012008)	12.29109c(14012008)
13.16928c(14012008)	14.15556c(14012008)	
3747602.8 9.94200c(14012008)	10.55706c(14012008)	11.22972c(14012008)
11.97033c(14012008)	12.79198c(14012008)	
3747552.8 9.21198c(14012008)	9.74706c(14012008)	10.32785c(14012008)
10.96178c(14012008)	11.65815c(14012008)	
3747502.8 8.57408c(14012008)	9.04404c(14012008)	9.55090c(14012008)
10.10016c(14012008)	10.69859c(14012008)	
3747452.8 8.01136c(14012008)	8.42744c(14012008)	8.87376c(14012008)
9.35447c(14012008)	9.87464c(14012008)	
3747402.8 7.51081c(14012008)	7.88173c(14012008)	8.27773c(14012008)
8.70203c(14012008)	9.15846c(14012008)	
3747352.8 7.06233c(14012008)	7.39493c(14012008)	7.74857c(14012008)
8.12576c(14012008)	8.52948c(14012008)	
3747302.8 6.65792c(14012008)	6.95768c(14012008)	7.27524c(14012008)
7.61261c(14012008)	7.97212c(14012008)	
3747252.8 6.29116c(14012008)	6.56251c(14012008)	6.84906c(14012008)
7.15239c(14012008)	7.47439c(14012008)	
3747202.8 5.95685c(14012008)	6.20344c(14012008)	6.46307c(14012008)
6.73704c(14012008)	7.02685c(14012008)	
3747152.8 5.65072c(14012008)	5.87555c(14012008)	6.11165c(14012008)
6.36007c(14012008)	6.62204c(14012008)	
3747102.8 5.36924c(14012008)	5.57485c(14012008)	5.79022c(14012008)
6.01624c(14012008)	6.25390c(14012008)	
3747052.8 5.10947c(14012008)	5.29797c(14012008)	5.49499c(14012008)
5.70123c(14012008)	5.91753c(14012008)	
3747002.8 4.86891c(14012008)	5.04214c(14012008)	5.22279c(14012008)
5.41148c(14012008)	5.60887c(14012008)	
3746952.8 4.64548c(14012008)	4.80498c(14012008)	4.97098c(14012008)
5.14399c(14012008)	5.32456c(14012008)	
3746902.8 4.43737c(14012008)	4.58449c(14012008)	4.73731c(14012008)
4.89626c(14012008)	5.06178c(14012008)	


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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):	L0000001	,	L0000002	,
L0000003	,	L0000004	,	L0000005
L0000006	,	L0000007	,	L0000008
L0000011	,	L0000012	,	L0000013
L0000014	,	L0000015	,	L0000016
	,	L0000017	,	L0000018

L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407043.32 407093.32 407143.32
407193.32 407243.32

3746852.8 | 4.24304c(14012008) 4.37896c(14012008) 4.51988c(14012008)
4.66615c(14012008) 4.81815c(14012008)
3746802.8 | 4.06118c(14012008) 4.18691c(14012008) 4.31705c(14012008)
4.45185c(14012008) 4.59166c(14012008)
3746752.8 | 3.89062c(14012008) 4.00708c(14012008) 4.12740c(14012008)
4.25181c(14012008) 4.38057c(14012008)
3746702.8 | 3.73036c(14012008) 3.83835c(14012008) 3.94972c(14012008)
4.06466c(14012008) 4.18339c(14012008)
3746652.8 | 3.57952c(14012008) 3.67974c(14012008) 3.78293c(14012008)
3.88923c(14012008) 3.99883c(14012008)

*** AERMOD - VERSION 22112 *** ** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407293.32 407343.32 407393.32
407443.32 407493.32

3748852.8 | 6.84745c(14012008) 6.61607c(14012008) 6.39874c(14012008)
6.19379c(14012008) 5.99986c(14012008)
3748802.8 | 7.38737c(14012008) 7.11703c(14012008) 6.86507c(14012008)
6.62913c(14012008) 6.40728c(14012008)
3748752.8 | 7.99185c(14012008) 7.67553c(14012008) 7.38294c(14012008)
7.11085c(14012008) 6.85659c(14012008)
3748702.8 | 8.67284c(14012008) 8.30178c(14012008) 7.96115c(14012008)
7.64652c(14012008) 7.35438c(14012008)
3748652.8 | 9.44594c(14012008) 9.00897c(14012008) 8.61089c(14012008)
8.24576c(14012008) 7.90890c(14012008)
3748602.8 | 10.33206c(14012008) 9.81449c(14012008) 9.34673c(14012008)

8.92086c(14012008)	8.53064c(14012008)	
3748552.8	11.35984c(14012008)	10.74168c(14012008)
9.68787c(14012008)	9.23306c(14012008)	
3748502.8	12.56949c(14012008)	11.82270c(14012008)
10.56813c(14012008)	10.03385c(14012008)	
3748452.8	14.01922c(14012008)	13.10298c(14012008)
11.59065c(14012008)	10.95665c(14012008)	
3748402.8	15.79652c(14012008)	14.64889c(14012008)
12.79592c(14012008)	12.03383c(14012008)	
3748352.8	18.03949c(14012008)	16.56164c(14012008)
14.24236c(14012008)	13.31107c(14012008)	
3748302.8	20.98092c(14012008)	19.00425c(14012008)
16.01771c(14012008)	14.85509c(14012008)	
3748252.8	25.05001c(14012008)	22.25941c(14012008)
18.26074c(14012008)	16.76774c(14012008)	
3748202.8	31.14731c(14012008)	26.86952c(14012008)
21.20616c(14012008)	19.21350c(14012008)	
3748152.8	41.58739c(14012008)	34.04195c(14012008)
25.28825c(14012008)	22.47808c(14012008)	
3748102.8	47.93946c(14012008)	47.20442c(14012008)
31.42114c(14012008)	27.11059c(14012008)	
3748052.8	41.71519c(14012008)	37.38534c(14012008)
41.96207c(14012008)	34.33502c(14012008)	
3748002.8	39.29806c(14012008)	30.12334c(14012008)
65.50352c(14012008)	47.63222c(14012008)	
3747952.8	51.31377c(14012008)	36.58114c(14012008)
45.92201c(14012008)	38.32033c(14012008)	
3747902.8	36.03260c(14012008)	44.80215c(14012008)
38.55764c(14012008)	42.33917c(14012008)	
3747852.8	28.12000c(14012008)	32.92752c(14012008)
51.18136c(14012008)	51.63259c(14012008)	
3747802.8	23.17904c(14012008)	26.27650c(14012008)
36.04835c(14012008)	44.70044c(14012008)	
3747752.8	19.75865c(14012008)	21.94824c(14012008)
28.18573c(14012008)	32.93690c(14012008)	
3747702.8	17.23057c(14012008)	18.87435c(14012008)
23.26204c(14012008)	26.32297c(14012008)	
3747652.8	15.27521c(14012008)	16.56224c(14012008)
19.84618c(14012008)	22.00858c(14012008)	
3747602.8	13.71151c(14012008)	14.75088c(14012008)
17.31665c(14012008)	18.93859c(14012008)	
3747552.8	12.42861c(14012008)	13.28803c(14012008)
15.35672c(14012008)	16.62535c(14012008)	
3747502.8	11.35455c(14012008)	12.07847c(14012008)
13.78672c(14012008)	14.81005c(14012008)	
3747452.8	10.44040c(14012008)	11.05932c(14012008)
12.49655c(14012008)	13.34164c(14012008)	
3747402.8	9.65167c(14012008)	10.18727c(14012008)
11.41470c(14012008)	12.12557c(14012008)	
3747352.8	8.96329c(14012008)	9.43145c(14012008)
10.49251c(14012008)	11.09937c(14012008)	
3747302.8	8.35656c(14012008)	8.76920c(14012008)
9.69568c(14012008)	10.21998c(14012008)	
3747252.8	7.81723c(14012008)	8.18352c(14012008)
8.99924c(14012008)	9.45671c(14012008)	
3747202.8	7.33427c(14012008)	7.66135c(14012008)
8.38459c(14012008)	8.78700c(14012008)	
3747152.8	6.89897c(14012008)	7.19252c(14012008)
7.83753c(14012008)	8.19393c(14012008)	
3747102.8	6.50436c(14012008)	6.76896c(14012008)
7.34706c(14012008)	7.66452c(14012008)	
3747052.8	6.14482c(14012008)	6.38421c(14012008)
6.90452c(14012008)	7.18863c(14012008)	
3747002.8	5.81575c(14012008)	6.03301c(14012008)
6.50297c(14012008)	6.75825c(14012008)	
3746952.8	5.51333c(14012008)	5.71105c(14012008)

6.13682c(14012008) 6.36696c(14012008)
3746902.8 | 5.23441c(14012008) 5.41476c(14012008) 5.60352c(14012008)
5.80147c(14012008) 6.00954c(14012008)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407293.32 407343.32 407393.32
407443.32 407493.32

3746852.8 | 4.97632c(14012008) 5.14116c(14012008) 5.31322c(14012008)
5.49316c(14012008) 5.68171c(14012008)
3746802.8 | 4.73681c(14012008) 4.88773c(14012008) 5.04486c(14012008)
5.20873c(14012008) 5.37994c(14012008)
3746752.8 | 4.51397c(14012008) 4.65234c(14012008) 4.79605c(14012008)
4.94553c(14012008) 5.10125c(14012008)
3746702.8 | 4.30613c(14012008) 4.43317c(14012008) 4.56478c(14012008)
4.70132c(14012008) 4.84316c(14012008)
3746652.8 | 4.11189c(14012008) 4.22865c(14012008) 4.34933c(14012008)
4.47419c(14012008) 4.60354c(14012008)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)	
407693.32	407543.32	407593.32
	407743.32	407643.32

3748852.8	5.81579c(14012008)	5.64058c(14012008)
5.31351c(14012008)	5.16031c(14012008)	5.47339c(14012008)
3748802.8	6.19792c(14012008)	5.99968c(14012008)
5.63223c(14012008)	5.46121c(14012008)	5.81145c(14012008)
3748752.8	6.61801c(14012008)	6.39330c(14012008)
5.97973c(14012008)	5.78849c(14012008)	6.18097c(14012008)
3748702.8	7.08182c(14012008)	6.82650c(14012008)
6.35994c(14012008)	6.14563c(14012008)	6.58643c(14012008)
3748652.8	7.59651c(14012008)	7.30548c(14012008)
6.77763c(14012008)	6.53683c(14012008)	7.03324c(14012008)
3748602.8	8.17104c(14012008)	7.83798c(14012008)
7.23863c(14012008)	6.96721c(14012008)	7.52811c(14012008)
3748552.8	8.81682c(14012008)	8.43373c(14012008)
7.75016c(14012008)	7.44302c(14012008)	8.07939c(14012008)
3748502.8	9.54862c(14012008)	9.10518c(14012008)
8.32128c(14012008)	7.97205c(14012008)	8.69767c(14012008)
3748452.8	10.38594c(14012008)	9.86855c(14012008)
8.96348c(14012008)	8.56411c(14012008)	9.39654c(14012008)
3748402.8	11.35500c(14012008)	10.74534c(14012008)
9.69164c(14012008)	9.23173c(14012008)	10.19382c(14012008)
3748352.8	12.49207c(14012008)	11.76474c(14012008)
10.52536c(14012008)	9.99120c(14012008)	11.11328c(14012008)
3748302.8	13.84887c(14012008)	12.96751c(14012008)
11.49102c(14012008)	10.86413c(14012008)	12.18752c(14012008)
3748252.8	15.50199c(14012008)	14.41244c(14012008)
12.62509c(14012008)	11.87986c(14012008)	13.46248c(14012008)
3748202.8	17.57040c(14012008)	16.18792c(14012008)
13.97957c(14012008)	13.07934c(14012008)	15.00531c(14012008)
3748152.8	20.25052c(14012008)	18.43382c(14012008)
15.63153c(14012008)	14.52168c(14012008)	16.91857c(14012008)
3748102.8	23.89403c(14012008)	21.38681c(14012008)
17.70071c(14012008)	16.29577c(14012008)	19.36793c(14012008)
3748052.8	29.20669c(14012008)	25.48536c(14012008)
20.38501c(14012008)	18.54240c(14012008)	22.64155c(14012008)
3748002.8	37.87239c(14012008)	31.65436c(14012008)
24.03927c(14012008)	21.50010c(14012008)	27.29412c(14012008)
3747952.8	55.26443c(14012008)	42.28698c(14012008)
29.37712c(14012008)	25.61144c(14012008)	34.56565c(14012008)
3747902.8	58.46219c(14012008)	48.78835c(14012008)
38.10657c(14012008)	31.81229c(14012008)	47.99086c(14012008)
3747852.8	40.06029c(14012008)	42.34943c(14012008)
55.74047c(14012008)	42.53184c(14012008)	53.26649c(14012008)
3747802.8	59.96961c(14012008)	39.17222c(14012008)
41.23818c(14012008)	47.98658c(14012008)	40.83478c(14012008)
3747752.8	39.82064c(14012008)	50.94155c(14012008)
40.67592c(14012008)	40.71022c(14012008)	50.03393c(14012008)
3747702.8	30.35859c(14012008)	35.98899c(14012008)
59.53435c(14012008)	55.63671c(14012008)	44.53591c(14012008)
3747652.8	24.70353c(14012008)	28.18190c(14012008)
39.71626c(14012008)	50.73993c(14012008)	32.89016c(14012008)
3747602.8	20.88591c(14012008)	23.28066c(14012008)
30.32985c(14012008)	35.94437c(14012008)	26.31756c(14012008)
3747552.8	18.10855c(14012008)	19.87339c(14012008)
24.70033c(14012008)	28.17140c(14012008)	22.01919c(14012008)
3747502.8	15.98295c(14012008)	17.34555c(14012008)
20.89069c(14012008)	23.27893c(14012008)	18.95419c(14012008)
3747452.8	14.29546c(14012008)	15.38361c(14012008)
18.11416c(14012008)	19.87227c(14012008)	16.64060c(14012008)
3747402.8	12.91812c(14012008)	13.80953c(14012008)
		14.82223c(14012008)

15.98611c(14012008)	17.34197c(14012008)		
3747352.8	11.76922c(14012008)	12.51407c(14012008)	13.34922c(14012008)
14.29449c(14012008)	15.37606c(14012008)		
3747302.8	10.79392c(14012008)	11.42618c(14012008)	12.12761c(14012008)
12.91196c(14012008)	13.79697c(14012008)		
3747252.8	9.95398c(14012008)	10.49751c(14012008)	11.09525c(14012008)
11.75711c(14012008)	12.49562c(14012008)		
3747202.8	9.22181c(14012008)	9.69391c(14012008)	10.20928c(14012008)
10.77527c(14012008)	11.40104c(14012008)		
3747152.8	8.57700c(14012008)	8.99054c(14012008)	9.43911c(14012008)
9.92831c(14012008)	10.46501c(14012008)		
3747102.8	8.00413c(14012008)	8.36888c(14012008)	8.76233c(14012008)
9.18880c(14012008)	9.65355c(14012008)		
3747052.8	7.49128c(14012008)	7.81484c(14012008)	8.16212c(14012008)
8.53649c(14012008)	8.94202c(14012008)		
3747002.8	7.02913c(14012008)	7.31751c(14012008)	7.62562c(14012008)
7.95610c(14012008)	8.31212c(14012008)		
3746952.8	6.61029c(14012008)	6.86831c(14012008)	7.14280c(14012008)
7.43586c(14012008)	7.74996c(14012008)		
3746902.8	6.22877c(14012008)	6.46037c(14012008)	6.70576c(14012008)
6.96659c(14012008)	7.24481c(14012008)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)	407543.32	407593.32	407643.32
407693.32	407743.32		

3746852.8	5.87972c(14012008)	6.08816c(14012008)	6.30815c(14012008)
6.54100c(14012008)	6.78822c(14012008)		
3746802.8	5.55916c(14012008)	5.74717c(14012008)	5.94485c(14012008)
6.15322c(14012008)	6.37347c(14012008)		
3746752.8	5.26375c(14012008)	5.43364c(14012008)	5.61162c(14012008)
5.79847c(14012008)	5.99511c(14012008)		
3746702.8	4.99072c(14012008)	5.14448c(14012008)	5.30497c(14012008)
5.47281c(14012008)	5.64867c(14012008)		
3746652.8	4.73770c(14012008)	4.87704c(14012008)	5.02197c(14012008)
5.17294c(14012008)	5.33046c(14012008)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD			X-COORD (METERS)
(METERS)	407793.32	407843.32	407893.32
407943.32	407993.32		

3748852.8	5.01323c(14012008)	4.87179c(14012008)	4.73558c(14012008)
4.60421c(14012008)	4.47736c(14012008)		
3748802.8	5.29766c(14012008)	5.14094c(14012008)	4.99051c(14012008)
4.84588c(14012008)	4.70663c(14012008)		
3748752.8	5.60631c(14012008)	5.43237c(14012008)	5.26598c(14012008)
5.10651c(14012008)	4.95342c(14012008)		
3748702.8	5.94228c(14012008)	5.74887c(14012008)	5.56448c(14012008)
5.38834c(14012008)	5.21975c(14012008)		
3748652.8	6.30930c(14012008)	6.09372c(14012008)	5.88894c(14012008)
5.69398c(14012008)	5.50797c(14012008)		
3748602.8	6.71186c(14012008)	6.47089c(14012008)	6.24287c(14012008)
6.02654c(14012008)	5.82083c(14012008)		
3748552.8	7.15540c(14012008)	6.88517c(14012008)	6.63048c(14012008)
6.38976c(14012008)	6.16165c(14012008)		
3748502.8	7.64669c(14012008)	7.34241c(14012008)	7.05689c(14012008)
6.78812c(14012008)	6.53438c(14012008)		
3748452.8	8.19411c(14012008)	7.84988c(14012008)	7.52839c(14012008)
7.22709c(14012008)	6.94381c(14012008)		
3748402.8	8.80832c(14012008)	8.41665c(14012008)	8.05279c(14012008)
7.71343c(14012008)	7.39579c(14012008)		
3748352.8	9.50296c(14012008)	9.05427c(14012008)	8.63991c(14012008)
8.25555c(14012008)	7.89757c(14012008)		
3748302.8	10.29592c(14012008)	9.77767c(14012008)	9.30232c(14012008)
8.86408c(14012008)	8.45822c(14012008)		
3748252.8	11.21109c(14012008)	10.60650c(14012008)	10.05633c(14012008)
9.55271c(14012008)	9.08928c(14012008)		
3748202.8	12.28119c(14012008)	11.56723c(14012008)	10.92360c(14012008)
10.33933c(14012008)	9.80566c(14012008)		
3748152.8	13.55235c(14012008)	12.69645c(14012008)	11.93353c(14012008)
11.24783c(14012008)	10.62701c(14012008)		
3748102.8	15.09206c(14012008)	14.04636c(14012008)	13.12717c(14012008)
12.31095c(14012008)	11.57974c(14012008)		
3748052.8	17.00343c(14012008)	15.69431c(14012008)	14.56374c(14012008)
13.57485c(14012008)	12.70040c(14012008)		
3748002.8	19.45317c(14012008)	17.76058c(14012008)	16.33235c(14012008)
15.10703c(14012008)	14.04108c(14012008)		
3747952.8	22.73155c(14012008)	20.44402c(14012008)	18.57406c(14012008)
17.01051c(14012008)	15.67893c(14012008)		
3747902.8	27.39823c(14012008)	24.10133c(14012008)	21.52773c(14012008)
19.45175c(14012008)	17.73378c(14012008)		
3747852.8	34.70710c(14012008)	29.45017c(14012008)	25.63612c(14012008)

22.72009c(14012008)	20.40349c(14012008)		
3747802.8	48.25077c(14012008)	38.20806c(14012008)	31.83373c(14012008)
27.37217c(14012008)	24.04243c(14012008)		
3747752.8	54.21159c(14012008)	55.97317c(14012008)	42.54056c(14012008)
34.65173c(14012008)	29.36237c(14012008)		
3747702.8	41.35798c(14012008)	39.68911c(14012008)	48.20397c(14012008)
48.11908c(14012008)	38.06363c(14012008)		
3747652.8	50.37553c(14012008)	43.29596c(14012008)	41.00566c(14012008)
37.93872c(14012008)	55.66502c(14012008)		
3747602.8	44.50356c(14012008)	59.48961c(14012008)	56.21240c(14012008)
44.09493c(14012008)	39.70160c(14012008)		
3747552.8	32.88615c(14012008)	39.74737c(14012008)	50.86506c(14012008)
52.65347c(14012008)	42.80409c(14012008)		
3747502.8	26.31626c(14012008)	30.33939c(14012008)	35.97967c(14012008)
44.59435c(14012008)	59.70798c(14012008)		
3747452.8	22.01549c(14012008)	24.69958c(14012008)	28.18101c(14012008)
32.91751c(14012008)	39.82337c(14012008)		
3747402.8	18.94698c(14012008)	20.88415c(14012008)	23.27931c(14012008)
26.33390c(14012008)	30.39450c(14012008)		
3747352.8	16.62926c(14012008)	18.10310c(14012008)	19.86793c(14012008)
22.02895c(14012008)	24.75232c(14012008)		
3747302.8	14.80592c(14012008)	15.97008c(14012008)	17.33267c(14012008)
18.95553c(14012008)	20.93101c(14012008)		
3747252.8	13.32690c(14012008)	14.27212c(14012008)	15.35973c(14012008)
16.62908c(14012008)	18.13657c(14012008)		
3747202.8	12.09820c(14012008)	12.88170c(14012008)	13.77118c(14012008)
14.79312c(14012008)	15.98412c(14012008)		
3747152.8	11.05779c(14012008)	11.71755c(14012008)	12.45833c(14012008)
13.29861c(14012008)	14.26321c(14012008)		
3747102.8	10.16304c(14012008)	10.72539c(14012008)	11.35089c(14012008)
12.05277c(14012008)	12.84839c(14012008)		
3747052.8	9.38366c(14012008)	9.86753c(14012008)	10.40130c(14012008)
10.99462c(14012008)	11.65990c(14012008)		
3747002.8	8.69752c(14012008)	9.11696c(14012008)	9.57619c(14012008)
10.08236c(14012008)	10.64444c(14012008)		
3746952.8	8.08808c(14012008)	8.45379c(14012008)	8.85143c(14012008)
9.28631c(14012008)	9.76497c(14012008)		
3746902.8	7.54272c(14012008)	7.86305c(14012008)	8.20909c(14012008)
8.58477c(14012008)	8.99489c(14012008)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	407793.32	407843.32
407943.32	407993.32	407893.32

3746852.8 | 7.05160c(14012008) 7.33321c(14012008) 7.63553c(14012008)
7.96149c(14012008) 8.31455c(14012008)
3746802.8 | 6.60696c(14012008) 6.85526c(14012008) 7.12022c(14012008)
7.40399c(14012008) 7.70907c(14012008)
3746752.8 | 6.20256c(14012008) 6.42202c(14012008) 6.65482c(14012008)
6.90254c(14012008) 7.16694c(14012008)
3746702.8 | 5.83333c(14012008) 6.02767c(14012008) 6.23264c(14012008)
6.44936c(14012008) 6.67906c(14012008)
3746652.8 | 5.49509c(14012008) 5.66745c(14012008) 5.84823c(14012008)
6.03819c(14012008) 6.23814c(14012008)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 408043.32 408093.32 408143.32
408193.32 408243.32

3748852.8 | 4.35473c(14012008) 4.23607c(14012008) 4.12112c(14012008)
4.00970c(14012008) 3.90159c(14012008)
3748802.8 | 4.57237c(14012008) 4.44278c(14012008) 4.31756c(14012008)
4.19644c(14012008) 4.07917c(14012008)
3748752.8 | 4.80624c(14012008) 4.66453c(14012008) 4.52793c(14012008)
4.39611c(14012008) 4.26876c(14012008)
3748702.8 | 5.05813c(14012008) 4.90294c(14012008) 4.75372c(14012008)
4.61005c(14012008) 4.47156c(14012008)
3748652.8 | 5.33016c(14012008) 5.15991c(14012008) 4.99662c(14012008)
4.83979c(14012008) 4.68897c(14012008)
3748602.8 | 5.62481c(14012008) 5.43764c(14012008) 5.25863c(14012008)
5.08712c(14012008) 4.92258c(14012008)
3748552.8 | 5.94499c(14012008) 5.73876c(14012008) 5.54207c(14012008)
5.35413c(14012008) 5.17427c(14012008)
3748502.8 | 6.29422c(14012008) 6.06636c(14012008) 5.84969c(14012008)
5.64326c(14012008) 5.44622c(14012008)
3748452.8 | 6.67669c(14012008) 6.42413c(14012008) 6.18476c(14012008)
5.95740c(14012008) 5.74099c(14012008)
3748402.8 | 7.09750c(14012008) 6.81655c(14012008) 6.55122c(14012008)
6.30001c(14012008) 6.06164c(14012008)
3748352.8 | 7.56293c(14012008) 7.24907c(14012008) 6.95379c(14012008)
6.67524c(14012008) 6.41181c(14012008)
3748302.8 | 8.08076c(14012008) 7.72838c(14012008) 7.39830c(14012008)


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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
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```

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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	408043.32	408093.32
408193.32	408243.32	408143.32

3746852.8	8.69888c(14012008)	9.11949c(14012008)	9.58238c(14012008)
10.09484c(14012008)	10.66572c(14012008)		
3746802.8	8.03840c(14012008)	8.39542c(14012008)	8.78418c(14012008)
9.20940c(14012008)	9.67664c(14012008)		
3746752.8	7.45006c(14012008)	7.75423c(14012008)	8.08210c(14012008)
8.43666c(14012008)	8.82129c(14012008)		
3746702.8	6.92311c(14012008)	7.18302c(14012008)	7.46047c(14012008)
7.75726c(14012008)	8.07533c(14012008)		
3746652.8	6.44897c(14012008)	6.67161c(14012008)	6.90704c(14012008)
7.15626c(14012008)	7.42024c(14012008)		

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	408293.32	408343.32
408443.32	408493.32	408393.32

3748852.8	3.79665c(14012008)	3.69471c(14012008)	3.59564c(14012008)
3.49932c(14012008)	3.40563c(14012008)		
3748802.8	3.96556c(14012008)	3.85540c(14012008)	3.74854c(14012008)
3.64481c(14012008)	3.54409c(14012008)		
3748752.8	4.14562c(14012008)	4.02646c(14012008)	3.91107c(14012008)

3.79926c(14012008)	3.69086c(14012008)	
3748702.8	4.33793c(14012008)	4.20888c(14012008)
3.96347c(14012008)	3.84669c(14012008)	4.08413c(14012008)
3748652.8	4.54375c(14012008)	4.40378c(14012008)
4.13838c(14012008)	4.01241c(14012008)	4.26875c(14012008)
3748602.8	4.76451c(14012008)	4.61248c(14012008)
4.32504c(14012008)	4.18898c(14012008)	4.46610c(14012008)
3748552.8	5.00190c(14012008)	4.83647c(14012008)
4.52466c(14012008)	4.37749c(14012008)	4.67753c(14012008)
3748502.8	5.25785c(14012008)	5.07749c(14012008)
4.73863c(14012008)	4.57918c(14012008)	4.90459c(14012008)
3748452.8	5.53465c(14012008)	5.33758c(14012008)
4.96858c(14012008)	4.79550c(14012008)	5.14909c(14012008)
3748402.8	5.83500c(14012008)	5.61912c(14012008)
5.21637c(14012008)	5.02811c(14012008)	5.41316c(14012008)
3748352.8	6.16211c(14012008)	5.92495c(14012008)
5.48422c(14012008)	5.27896c(14012008)	5.69929c(14012008)
3748302.8	6.51981c(14012008)	6.25842c(14012008)
5.77472c(14012008)	5.55034c(14012008)	6.01042c(14012008)
3748252.8	6.91277c(14012008)	6.62359c(14012008)
6.09096c(14012008)	5.84495c(14012008)	6.35011c(14012008)
3748202.8	7.34667c(14012008)	7.02537c(14012008)
6.43663c(14012008)	6.16600c(14012008)	6.72259c(14012008)
3748152.8	7.82854c(14012008)	7.46978c(14012008)
6.81619c(14012008)	6.51734c(14012008)	7.13305c(14012008)
3748102.8	8.36718c(14012008)	7.96430c(14012008)
7.23508c(14012008)	6.90363c(14012008)	7.58785c(14012008)
3748052.8	8.97375c(14012008)	8.51829c(14012008)
7.70000c(14012008)	7.33058c(14012008)	8.09490c(14012008)
3748002.8	9.66264c(14012008)	9.14372c(14012008)
8.21931c(14012008)	7.80521c(14012008)	8.66417c(14012008)
3747952.8	10.45279c(14012008)	9.85605c(14012008)
8.80354c(14012008)	8.33630c(14012008)	9.30840c(14012008)
3747902.8	11.36959c(14012008)	10.67573c(14012008)
9.46623c(14012008)	8.93497c(14012008)	10.04415c(14012008)
3747852.8	12.44803c(14012008)	11.63032c(14012008)
10.22499c(14012008)	9.61550c(14012008)	10.89336c(14012008)
3747802.8	13.73775c(14012008)	12.75803c(14012008)
11.10327c(14012008)	10.39655c(14012008)	11.88578c(14012008)
3747752.8	15.31178c(14012008)	14.11338c(14012008)
12.13290c(14012008)	11.30304c(14012008)	13.06278c(14012008)
3747702.8	17.28255c(14012008)	15.77721c(14012008)
13.35843c(14012008)	12.36896c(14012008)	14.48372c(14012008)
3747652.8	19.83311c(14012008)	17.87493c(14012008)
14.84412c(14012008)	13.64211c(14012008)	16.23720c(14012008)
3747602.8	23.28431c(14012008)	20.61296c(14012008)
16.68679c(14012008)	15.19209c(14012008)	18.46199c(14012008)
3747552.8	28.25834c(14012008)	24.35887c(14012008)
19.04023c(14012008)	17.12495c(14012008)	21.39001c(14012008)
3747502.8	36.15775c(14012008)	29.84636c(14012008)
22.16684c(14012008)	19.61174c(14012008)	25.44524c(14012008)
3747452.8	51.05920c(14012008)	38.82484c(14012008)
26.55988c(14012008)	22.94955c(14012008)	31.50956c(14012008)
3747402.8	54.86780c(14012008)	56.95488c(14012008)
33.28225c(14012008)	27.70861c(14012008)	41.81630c(14012008)
3747352.8	40.27531c(14012008)	39.76920c(14012008)
45.16585c(14012008)	35.15390c(14012008)	46.36497c(14012008)
3747302.8	49.05224c(14012008)	41.63482c(14012008)
50.60586c(14012008)	48.86197c(14012008)	39.58300c(14012008)
3747252.8	44.11560c(14012008)	61.26346c(14012008)
41.57703c(14012008)	36.92236c(14012008)	57.45554c(14012008)
3747202.8	32.75184c(14012008)	40.71102c(14012008)
37.59776c(14012008)	44.62417c(14012008)	54.97801c(14012008)
3747152.8	26.16736c(14012008)	30.82844c(14012008)
49.98248c(14012008)	35.89133c(14012008)	37.87179c(14012008)
3747102.8	21.77263c(14012008)	24.84066c(14012008)
		29.06228c(14012008)

35.28895c(14012008)	45.53648c(14012008)		
3747052.8	18.58488c(14012008)	20.74423c(14012008)	23.53964c(14012008)
27.31253c(14012008)	32.70029c(14012008)		
3747002.8	16.14438c(14012008)	17.72958c(14012008)	19.69224c(14012008)
22.18550c(14012008)	25.45084c(14012008)		
3746952.8	14.20530c(14012008)	15.40266c(14012008)	16.83462c(14012008)
18.57495c(14012008)	20.72718c(14012008)		
3746902.8	12.62297c(14012008)	13.54600c(14012008)	14.61944c(14012008)
15.88070c(14012008)	17.37847c(14012008)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	408293.32	408343.32
408443.32	408493.32	408393.32

3746852.8	11.30578c(14012008)	12.02815c(14012008)	12.84882c(14012008)
13.78732c(14012008)	14.86775c(14012008)		
3746802.8	10.19237c(14012008)	10.76413c(14012008)	11.40065c(14012008)
12.11204c(14012008)	12.91019c(14012008)		
3746752.8	9.23974c(14012008)	9.69617c(14012008)	10.19508c(14012008)
10.74136c(14012008)	11.34035c(14012008)		
3746702.8	8.41669c(14012008)	8.78340c(14012008)	9.17747c(14012008)
9.60080c(14012008)	10.05507c(14012008)		
3746652.8	7.69990c(14012008)	7.99598c(14012008)	8.30901c(14012008)
8.63917c(14012008)	8.98614c(14012008)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD (METERS)			X-COORD (METERS)
408693.32	408543.32	408593.32	408643.32
408743.32			

3748852.8	3.31449c (14012008)	3.22579c (14012008)	3.13945c (14012008)
3.05540c (14012008)	2.97358c (14012008)		
3748802.8	3.44624c (14012008)	3.35115c (14012008)	3.25873c (14012008)
3.16887c (14012008)	3.08151c (14012008)		
3748752.8	3.58571c (14012008)	3.48369c (14012008)	3.38467c (14012008)
3.28852c (14012008)	3.19516c (14012008)		
3748702.8	3.73359c (14012008)	3.62402c (14012008)	3.51782c (14012008)
3.41485c (14012008)	3.31500c (14012008)		
3748652.8	3.89062c (14012008)	3.77281c (14012008)	3.65879c (14012008)
3.54841c (14012008)	3.44151c (14012008)		
3748602.8	4.05766c (14012008)	3.93084c (14012008)	3.80829c (14012008)
3.68983c (14012008)	3.57526c (14012008)		
3748552.8	4.23570c (14012008)	4.09899c (14012008)	3.96711c (14012008)
3.83981c (14012008)	3.71689c (14012008)		
3748502.8	4.42584c (14012008)	4.27826c (14012008)	4.13613c (14012008)
3.99916c (14012008)	3.86710c (14012008)		
3748452.8	4.62938c (14012008)	4.46980c (14012008)	4.31638c (14012008)
4.16878c (14012008)	4.02671c (14012008)		
3748402.8	4.84779c (14012008)	4.67491c (14012008)	4.50902c (14012008)
4.34972c (14012008)	4.19664c (14012008)		
3748352.8	5.08280c (14012008)	4.89514c (14012008)	4.71542c (14012008)
4.54316c (14012008)	4.37794c (14012008)		
3748302.8	5.33643c (14012008)	5.13225c (14012008)	4.93713c (14012008)
4.75049c (14012008)	4.57183c (14012008)		
3748252.8	5.61103c (14012008)	5.38831c (14012008)	5.17596c (14012008)
4.97330c (14012008)	4.77970c (14012008)		
3748202.8	5.90941c (14012008)	5.66576c (14012008)	5.43406c (14012008)
5.21344c (14012008)	5.00317c (14012008)		
3748152.8	6.23490c (14012008)	5.96750c (14012008)	5.71392c (14012008)
5.47311c (14012008)	5.24414c (14012008)		
3748102.8	6.59151c (14012008)	6.29697c (14012008)	6.01853c (14012008)
5.75486c (14012008)	5.50484c (14012008)		
3748052.8	6.98409c (14012008)	6.65834c (14012008)	6.35144c (14012008)
6.06177c (14012008)	5.78791c (14012008)		
3748002.8	7.41859c (14012008)	7.05664c (14012008)	6.71697c (14012008)
6.39751c (14012008)	6.09647c (14012008)		
3747952.8	7.90235c (14012008)	7.49806c (14012008)	7.12032c (14012008)
6.76650c (14012008)	6.43432c (14012008)		
3747902.8	8.44458c (14012008)	7.99026c (14012008)	7.56793c (14012008)
7.17416c (14012008)	6.80601c (14012008)		
3747852.8	9.05696c (14012008)	8.54286c (14012008)	8.06778c (14012008)
7.62716c (14012008)	7.21716c (14012008)		
3747802.8	9.75452c (14012008)	9.16811c (14012008)	8.62993c (14012008)
8.13384c (14012008)	7.67472c (14012008)		
3747752.8	10.55698c (14012008)	9.88183c (14012008)	9.26723c (14012008)
8.70473c (14012008)	8.18740c (14012008)		
3747702.8	11.49077c (14012008)	10.70489c (14012008)	9.99639c (14012008)
9.35339c (14012008)	8.76634c (14012008)		
3747652.8	12.59220c (14012008)	11.66538c (14012008)	10.83956c (14012008)
10.09758c (14012008)	9.42594c (14012008)		
3747602.8	13.91265c (14012008)	12.80220c (14012008)	11.82684c (14012008)
10.96105c (14012008)	10.18527c (14012008)		
3747552.8	15.52773c (14012008)	14.17091c (14012008)	13.00022c (14012008)

11.97637c(14012008)	11.07016c(14012008)		
3747502.8	17.55388c(14012008)	15.85396c(14012008)	14.42030c(14012008)
13.18957c(14012008)	12.11650c(14012008)		
3747452.8	20.18126c(14012008)	17.97980c(14012008)	16.17815c(14012008)
14.66804c(14012008)	13.37596c(14012008)		
3747402.8	23.74516c(14012008)	20.76107c(14012008)	18.41781c(14012008)
16.51505c(14012008)	14.92588c(14012008)		
3747352.8	28.90320c(14012008)	24.58003c(14012008)	21.38286c(14012008)
18.89813c(14012008)	16.88823c(14012008)		
3747302.8	37.17123c(14012008)	30.20913c(14012008)	25.52448c(14012008)
22.11093c(14012008)	19.46875c(14012008)		
3747252.8	53.15841c(14012008)	39.51369c(14012008)	31.79549c(14012008)
26.72687c(14012008)	23.04751c(14012008)		
3747202.8	38.69338c(14012008)	58.53902c(14012008)	42.67701c(14012008)
34.06486c(14012008)	28.42329c(14012008)		
3747152.8	39.86679c(14012008)	58.82192c(14012008)	48.71512c(14012008)
48.11721c(14012008)	37.63401c(14012008)		
3747102.8	46.47258c(14012008)	37.63260c(14012008)	39.96726c(14012008)
53.00207c(14012008)	58.00075c(14012008)		
3747052.8	41.02096c(14012008)	55.52326c(14012008)	36.24600c(14012008)
37.99095c(14012008)	38.43902c(14012008)		
3747002.8	29.88224c(14012008)	36.15678c(14012008)	45.66659c(14012008)
44.38585c(14012008)	36.64817c(14012008)		
3746952.8	23.43949c(14012008)	26.93724c(14012008)	31.61866c(14012008)
38.32117c(14012008)	49.07025c(14012008)		
3746902.8	19.17789c(14012008)	21.37249c(14012008)	24.11313c(14012008)
27.66939c(14012008)	32.55563c(14012008)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	408543.32	408593.32
408693.32	408743.32	408643.32

3746852.8	16.12096c(14012008)	17.58930c(14012008)	19.33621c(14012008)
21.46319c(14012008)	24.13800c(14012008)		
3746802.8	13.80955c(14012008)	14.82892c(14012008)	15.99431c(14012008)
17.34317c(14012008)	18.92930c(14012008)		
3746752.8	11.99798c(14012008)	12.72121c(14012008)	13.51849c(14012008)
14.39990c(14012008)	15.37619c(14012008)		
3746702.8	10.54166c(14012008)	11.06147c(14012008)	11.61461c(14012008)
12.19943c(14012008)	12.81059c(14012008)		
3746652.8	9.34890c(14012008)	9.72541c(14012008)	10.11210c(14012008)

10.50291c(14012008) 10.88765c(14012008)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)	408793.32	408843.32	408893.32
408943.32	408993.32		

3748852.8	2.89391c(14012008)	2.81634c(14012008)	2.74083c(14012008)
2.66731c(14012008)	2.59575c(14012008)		
3748802.8	2.99655c(14012008)	2.91393c(14012008)	2.83359c(14012008)
2.75547c(14012008)	2.67951c(14012008)		
3748752.8	3.10449c(14012008)	3.01643c(14012008)	2.93089c(14012008)
2.84781c(14012008)	2.76712c(14012008)		
3748702.8	3.21815c(14012008)	3.12420c(14012008)	3.03306c(14012008)
2.94464c(14012008)	2.85887c(14012008)		
3748652.8	3.33796c(14012008)	3.23765c(14012008)	3.14045c(14012008)
3.04628c(14012008)	2.95503c(14012008)		
3748602.8	3.46445c(14012008)	3.35723c(14012008)	3.25348c(14012008)
3.15308c(14012008)	3.05592c(14012008)		
3748552.8	3.59816c(14012008)	3.48344c(14012008)	3.37259c(14012008)
3.26545c(14012008)	3.16189c(14012008)		
3748502.8	3.73974c(14012008)	3.61686c(14012008)	3.49827c(14012008)
3.38382c(14012008)	3.27335c(14012008)		
3748452.8	3.88990c(14012008)	3.75811c(14012008)	3.63111c(14012008)
3.50870c(14012008)	3.39071c(14012008)		
3748402.8	4.04947c(14012008)	3.90792c(14012008)	3.77173c(14012008)
3.64065c(14012008)	3.51449c(14012008)		
3748352.8	4.21937c(14012008)	4.06711c(14012008)	3.92085c(14012008)
3.78030c(14012008)	3.64521c(14012008)		
3748302.8	4.40067c(14012008)	4.23661c(14012008)	4.07929c(14012008)
3.92835c(14012008)	3.78352c(14012008)		
3748252.8	4.59459c(14012008)	4.41750c(14012008)	4.24798c(14012008)
4.08563c(14012008)	3.93010c(14012008)		
3748202.8	4.80256c(14012008)	4.61101c(14012008)	4.42800c(14012008)
4.25306c(14012008)	4.08577c(14012008)		
3748152.8	5.02620c(14012008)	4.81857c(14012008)	4.62059c(14012008)
4.43172c(14012008)	4.25143c(14012008)		
3748102.8	5.26746c(14012008)	5.04183c(14012008)	4.82719c(14012008)
4.62283c(14012008)	4.42816c(14012008)		
3748052.8	5.52860c(14012008)	5.28277c(14012008)	5.04946c(14012008)
4.82783c(14012008)	4.61717c(14012008)		
3748002.8	5.81231c(14012008)	5.54367c(14012008)	5.28938c(14012008)

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***

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*** THE      1ST HIGHEST      8-HR AVERAGE CONCENTRATION      VALUES FOR
SOURCE GROUP:  ALL          ***
      INCLUDING SOURCE(S) :      L0000001      , L0000002      ,
      L0000003      , L0000004      , L0000005      ,
L0000007      , L0000008      , L0000009      , L0000010      ,
L0000012      , L0000013      ,
L0000015      , L0000016      , L0000017      , L0000018      ,
L0000020      , L0000021      ,
L0000023      , L0000024      , L0000025      , L0000026      ,
L0000028      , . . .

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*** NETWORK ID: UCart1      ; NETWORK TYPE: GRIDCART ***
```


** CONC OF CO
MICROGRAMS/M**3

IN

**

Y-COORD			X-COORD (METERS)
(METERS)	408793.32	408843.32	408893.32
408943.32	408993.32		

3746852.8	27.64657c(14012008)	32.49811c(14012008)	39.63321c(14012008)
51.16103c(14012008)	41.14286c(14012008)		
3746802.8	20.82787c(14012008)	23.13773c(14012008)	25.97580c(14012008)
29.47619c(14012008)	33.74270c(14012008)		
3746752.8	16.45503c(14012008)	17.63164c(14012008)	18.86874c(14012008)
20.05274c(14012008)	20.87506c(14012008)		
3746702.8	13.43495c(14012008)	14.04431c(14012008)	14.58270c(14012008)
14.94581c(14012008)	14.95345c(14012008)		
3746652.8	11.24934c(14012008)	11.56030c(14012008)	11.77703c(14012008)
11.83553c(14012008)	11.65382c(14012008)		

FF *** AERMOD - VERSION 22112 *** ** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO
MICROGRAMS/M**3

IN

**

Y-COORD			X-COORD (METERS)
(METERS)	409043.32	409093.32	409143.32
409193.32	409243.32		

3748852.8	2.52611c(14012008)	2.45833c(14012008)	2.39239c(14012008)
2.32824c(14012008)	2.26586c(14012008)		
3748802.8	2.60565c(14012008)	2.53387c(14012008)	2.46409c(14012008)
2.39629c(14012008)	2.33042c(14012008)		
3748752.8	2.68876c(14012008)	2.61267c(14012008)	2.53880c(14012008)
2.46710c(14012008)	2.39750c(14012008)		
3748702.8	2.77566c(14012008)	2.69496c(14012008)	2.61670c(14012008)
2.54081c(14012008)	2.46725c(14012008)		
3748652.8	2.86661c(14012008)	2.78095c(14012008)	2.69798c(14012008)
2.61762c(14012008)	2.53980c(14012008)		
3748602.8	2.96189c(14012008)	2.87090c(14012008)	2.78286c(14012008)
2.69770c(14012008)	2.61532c(14012008)		
3748552.8	3.06181c(14012008)	2.96507c(14012008)	2.87159c(14012008)
2.78126c(14012008)	2.69399c(14012008)		
3748502.8	3.16671c(14012008)	3.06377c(14012008)	2.96441c(14012008)
2.86853c(14012008)	2.77601c(14012008)		
3748452.8	3.27697c(14012008)	3.16732c(14012008)	3.06163c(14012008)

2.95976c(14012008)	2.86159c(14012008)	
3748402.8	3.39303c(14012008)	3.27611c(14012008) 3.16356c(14012008)
3.05523c(14012008)	2.95096c(14012008)	
3748352.8	3.51537c(14012008)	3.39054c(14012008) 3.27056c(14012008)
3.15522c(14012008)	3.04438c(14012008)	
3748302.8	3.64451c(14012008)	3.51108c(14012008) 3.38301c(14012008)
3.26009c(14012008)	3.14212c(14012008)	
3748252.8	3.78107c(14012008)	3.63825c(14012008) 3.50137c(14012008)
3.37020c(14012008)	3.24450c(14012008)	
3748202.8	3.92573c(14012008)	3.77262c(14012008) 3.62613c(14012008)
3.48596c(14012008)	3.35187c(14012008)	
3748152.8	4.07929c(14012008)	3.91488c(14012008) 3.75785c(14012008)
3.60786c(14012008)	3.46460c(14012008)	
3748102.8	4.24264c(14012008)	4.06578c(14012008) 3.89717c(14012008)
3.73640c(14012008)	3.58313c(14012008)	
3748052.8	4.41681c(14012008)	4.22619c(14012008) 4.04481c(14012008)
3.87220c(14012008)	3.70795c(14012008)	
3748002.8	4.60302c(14012008)	4.39713c(14012008) 4.20161c(14012008)
4.01592c(14012008)	3.83959c(14012008)	
3747952.8	4.80266c(14012008)	4.57975c(14012008) 4.36853c(14012008)
4.16836c(14012008)	3.97868c(14012008)	
3747902.8	5.01741c(14012008)	4.77543c(14012008) 4.54668c(14012008)
4.33040c(14012008)	4.12593c(14012008)	
3747852.8	5.24921c(14012008)	4.98578c(14012008) 4.73737c(14012008)
4.50309c(14012008)	4.28213c(14012008)	
3747802.8	5.50045c(14012008)	5.21274c(14012008) 4.94215c(14012008)
4.68763c(14012008)	4.44823c(14012008)	
3747752.8	5.77397c(14012008)	5.45860c(14012008) 5.16286c(14012008)
4.88546c(14012008)	4.62529c(14012008)	
3747702.8	6.07330c(14012008)	5.72620c(14012008) 5.40169c(14012008)
5.09826c(14012008)	4.81458c(14012008)	
3747652.8	6.40280c(14012008)	6.01898c(14012008) 5.66135c(14012008)
5.32806c(14012008)	5.01755c(14012008)	
3747602.8	6.76798c(14012008)	6.34127c(14012008) 5.94512c(14012008)
5.57730c(14012008)	5.23595c(14012008)	
3747552.8	7.17593c(14012008)	6.69854c(14012008) 6.25710c(14012008)
5.84895c(14012008)	5.47182c(14012008)	
3747502.8	7.63587c(14012008)	7.09780c(14012008) 6.60248c(14012008)
6.14665c(14012008)	5.72758c(14012008)	
3747452.8	8.16012c(14012008)	7.54826c(14012008) 6.98786c(14012008)
6.47493c(14012008)	6.00611c(14012008)	
3747402.8	8.76545c(14012008)	8.06217c(14012008) 7.42181c(14012008)
6.83943c(14012008)	6.31083c(14012008)	
3747352.8	9.47535c(14012008)	8.65625c(14012008) 7.91566c(14012008)
7.24729c(14012008)	6.64577c(14012008)	
3747302.8	10.32367c(14012008)	9.35395c(14012008) 8.48465c(14012008)
7.70758c(14012008)	7.01561c(14012008)	
3747252.8	11.36112c(14012008)	10.18913c(14012008) 9.14978c(14012008)
8.23191c(14012008)	7.42558c(14012008)	
3747202.8	12.66730c(14012008)	11.21282c(14012008) 9.94078c(14012008)
8.83516c(14012008)	7.88114c(14012008)	
3747152.8	14.37511c(14012008)	12.50593c(14012008) 10.90113c(14012008)
9.53616c(14012008)	8.38690c(14012008)	
3747102.8	16.72618c(14012008)	14.20609c(14012008) 12.09682c(14012008)
10.35765c(14012008)	8.94393c(14012008)	
3747052.8	20.21568c(14012008)	16.57051c(14012008) 13.70299c(12020624)
11.33589c(12020624)	9.54331c(14012008)	
3747002.8	26.05591c(14012008)	20.28726c(12020624) 15.85755c(12020624)
12.43858c(14012008)	10.15161c(14012008)	
3746952.8	38.26015c(12020624)	26.82549c(12020624) 18.65219c(12020624)
13.63411c(14012008)	10.68315c(14012008)	
3746902.8	23.32220c(14012008)	23.38162c(14012008) 21.99501c(14012008)
14.58195c(14012008)	10.97082c(14012008)	

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD | X-COORD (METERS)
(METERS) | 409043.32 409093.32 409143.32
409193.32 409243.32

3746852.8 | 18.83148c(14012008) 21.51064c(14012008) 23.31767c(14012008)
14.54496c(14012008) 10.81213c(14012008)
3746802.8 | 37.93080c(14012008) 30.70259c(14012008) 18.92566c(14012008)
13.18723c(14012008) 10.16100c(14012008)
3746752.8 | 20.54398c(14012008) 17.99951c(14012008) 14.31450c(14012008)
11.31231c(14012008) 9.21999c(14012008)
3746702.8 | 14.35903c(14012008) 13.04449c(14012008) 11.31066c(14012008)
9.63237c(14012008) 8.23794c(14012008)
3746652.8 | 11.15880c(14012008) 10.34941c(14012008) 9.34050c(14012008)
8.30028c(14012008) 7.34826c(14012008)

FF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

**

DATE

GROUP ID AVERAGE CONC (YYMMDDHH) NETWORK
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID RECEPTOR (XR, YR,
- - - - -

ALL HIGH 1ST HIGH VALUE IS 74.12127 ON 12052806: AT (407443.32, 3748002.85,
0.00, 0.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART

DP = DISCPOLR
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

DATE
NETWORK
GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

ALL HIGH 1ST HIGH VALUE IS 65.50352c ON 14012008: AT (407443.32, 3748002.85,
0.00, 0.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:27:07

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)
A Total of 43848 Hours Were Processed
A Total of 1588 Calm Hours Identified
A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS I-5 NOX\14635 OPS
I-5 NOX.ADI
**
*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**
CO STARTING
  TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
  MODELOPT DFAULT CONC
  AVERTIME 1
  URBANOPT 3010232 ORANGE_COUNTY
  POLLUTID NOX
  RUNORNOT RUN
  ERRORFIL "14635 OPS I-5 NOX.ERR"
CO FINISHED
**
*****
** AERMOD SOURCE PATHWAY
*****
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** -----
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 56.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.227
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 406457.700, 3748725.328, 0.00, 3.49, 26.05
** 406540.691, 3748646.053, 0.00, 3.49, 26.05
** 406657.126, 3748523.425, 0.00, 3.49, 26.05
** 406792.140, 3748382.217, 0.00, 3.49, 26.05
** 406882.563, 3748315.329, 0.00, 3.49, 26.05
** 407205.856, 3748097.323, 0.00, 3.49, 26.05
** 407759.648, 3747730.789, 0.00, 3.49, 26.05
** 408168.639, 3747456.936, 0.00, 3.49, 26.05
** 408379.847, 3747296.740, 0.00, 3.49, 26.05
** 408561.521, 3747151.759, 0.00, 3.49, 26.05
** 408608.058, 3747115.066, 0.00, 3.49, 26.05
** 408910.550, 3746935.181, 0.00, 3.49, 26.05
** 409113.703, 3746832.263, 0.00, 3.49, 26.05
** -----
**
LOCATION L0000001      VOLUME    406477.947 3748705.987 0.0
LOCATION L0000002      VOLUME    406518.441 3748667.306 0.0
LOCATION L0000003      VOLUME    406558.064 3748627.756 0.0
LOCATION L0000004      VOLUME    406596.623 3748587.146 0.0

```

LOCATION	L0000005	VOLUME	406635.182	3748546.536	0.0
LOCATION	L0000006	VOLUME	406673.802	3748505.983	0.0
LOCATION	L0000007	VOLUME	406712.502	3748465.508	0.0
LOCATION	L0000008	VOLUME	406751.203	3748425.032	0.0
LOCATION	L0000009	VOLUME	406789.903	3748384.557	0.0
LOCATION	L0000010	VOLUME	406834.559	3748350.839	0.0
LOCATION	L0000011	VOLUME	406879.580	3748317.535	0.0
LOCATION	L0000012	VOLUME	406925.917	3748286.094	0.0
LOCATION	L0000013	VOLUME	406972.347	3748254.785	0.0
LOCATION	L0000014	VOLUME	407018.777	3748223.476	0.0
LOCATION	L0000015	VOLUME	407065.206	3748192.167	0.0
LOCATION	L0000016	VOLUME	407111.636	3748160.858	0.0
LOCATION	L0000017	VOLUME	407158.066	3748129.549	0.0
LOCATION	L0000018	VOLUME	407204.496	3748098.240	0.0
LOCATION	L0000019	VOLUME	407251.187	3748067.320	0.0
LOCATION	L0000020	VOLUME	407297.885	3748036.413	0.0
LOCATION	L0000021	VOLUME	407344.583	3748005.505	0.0
LOCATION	L0000022	VOLUME	407391.281	3747974.597	0.0
LOCATION	L0000023	VOLUME	407437.979	3747943.690	0.0
LOCATION	L0000024	VOLUME	407484.677	3747912.782	0.0
LOCATION	L0000025	VOLUME	407531.375	3747881.874	0.0
LOCATION	L0000026	VOLUME	407578.074	3747850.967	0.0
LOCATION	L0000027	VOLUME	407624.772	3747820.059	0.0
LOCATION	L0000028	VOLUME	407671.470	3747789.151	0.0
LOCATION	L0000029	VOLUME	407718.168	3747758.244	0.0
LOCATION	L0000030	VOLUME	407764.848	3747727.308	0.0
LOCATION	L0000031	VOLUME	407811.380	3747696.151	0.0
LOCATION	L0000032	VOLUME	407857.912	3747664.994	0.0
LOCATION	L0000033	VOLUME	407904.444	3747633.837	0.0
LOCATION	L0000034	VOLUME	407950.976	3747602.679	0.0
LOCATION	L0000035	VOLUME	407997.508	3747571.522	0.0
LOCATION	L0000036	VOLUME	408044.040	3747540.365	0.0
LOCATION	L0000037	VOLUME	408090.572	3747509.208	0.0
LOCATION	L0000038	VOLUME	408137.104	3747478.051	0.0
LOCATION	L0000039	VOLUME	408183.019	3747446.029	0.0
LOCATION	L0000040	VOLUME	408227.637	3747412.187	0.0
LOCATION	L0000041	VOLUME	408272.255	3747378.346	0.0
LOCATION	L0000042	VOLUME	408316.873	3747344.504	0.0
LOCATION	L0000043	VOLUME	408361.491	3747310.663	0.0
LOCATION	L0000044	VOLUME	408405.610	3747276.180	0.0
LOCATION	L0000045	VOLUME	408449.381	3747241.250	0.0
LOCATION	L0000046	VOLUME	408493.151	3747206.320	0.0
LOCATION	L0000047	VOLUME	408536.922	3747171.389	0.0
LOCATION	L0000048	VOLUME	408580.782	3747136.572	0.0
LOCATION	L0000049	VOLUME	408626.336	3747104.196	0.0
LOCATION	L0000050	VOLUME	408674.468	3747075.573	0.0
LOCATION	L0000051	VOLUME	408722.601	3747046.950	0.0
LOCATION	L0000052	VOLUME	408770.733	3747018.327	0.0
LOCATION	L0000053	VOLUME	408818.865	3746989.704	0.0
LOCATION	L0000054	VOLUME	408866.997	3746961.081	0.0
LOCATION	L0000055	VOLUME	408915.303	3746932.774	0.0
LOCATION	L0000056	VOLUME	408965.258	3746907.466	0.0
LOCATION	L0000057	VOLUME	409015.214	3746882.158	0.0
LOCATION	L0000058	VOLUME	409065.169	3746856.850	0.0

** END OF LINE VOLUME SOURCE ID = SLINE1

** SOURCE PARAMETERS **

** LINE VOLUME SOURCE ID = SLINE1

SRCPARAM	L0000001	0.0039137931	3.49	26.05	3.25
SRCPARAM	L0000002	0.0039137931	3.49	26.05	3.25
SRCPARAM	L0000003	0.0039137931	3.49	26.05	3.25
SRCPARAM	L0000004	0.0039137931	3.49	26.05	3.25
SRCPARAM	L0000005	0.0039137931	3.49	26.05	3.25
SRCPARAM	L0000006	0.0039137931	3.49	26.05	3.25
SRCPARAM	L0000007	0.0039137931	3.49	26.05	3.25
SRCPARAM	L0000008	0.0039137931	3.49	26.05	3.25
SRCPARAM	L0000009	0.0039137931	3.49	26.05	3.25

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00

GRIDCART UCART1 END

RE FINISHED

**

** AERMOD METEOROLOGY PATHWAY

**

**

ME STARTING

SURFFILE KFUL_V9_ADJU\KFUL_V9.SFC

PROFFILE KFUL_V9_ADJU\KFUL_V9.PFL

SURFDATA 3166 2012

UAIRDATA 3190 2012

PROFBASE 29.0 METERS

ME FINISHED

**

** AERMOD OUTPUT PATHWAY

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** AUTO-GENERATED PLOTFILES

PLOTFILE 1 ALL 1ST "14635 OPS I-5 NOX.AD\01H1GALL.PLT" 31

SUMMFILE "14635 OPS I-5 NOX.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 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 58 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: NOX

**Model Calculates 1 Short Term Average(s) of: 1-HR

**This Run Includes: 58 Source(s); 1 Source Group(s); and 2700 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 58 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 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) = 29.00 ; Decay Coef. =
0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

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

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14635 OPS I-5

NOX.ERR

**File for Summary of Results: 14635 OPS I-5

NOX.SUM

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)								
L0000001	0	0.39138E-02	406477.9	3748706.0	0.0	3.49	26.05	3.25
YES								
L0000002	0	0.39138E-02	406518.4	3748667.3	0.0	3.49	26.05	3.25
YES								
L0000003	0	0.39138E-02	406558.1	3748627.8	0.0	3.49	26.05	3.25
YES								
L0000004	0	0.39138E-02	406596.6	3748587.1	0.0	3.49	26.05	3.25
YES								
L0000005	0	0.39138E-02	406635.2	3748546.5	0.0	3.49	26.05	3.25

YES								
L0000006	0	0.39138E-02	406673.8	3748506.0	0.0	3.49	26.05	3.25
YES								
L0000007	0	0.39138E-02	406712.5	3748465.5	0.0	3.49	26.05	3.25
YES								
L0000008	0	0.39138E-02	406751.2	3748425.0	0.0	3.49	26.05	3.25
YES								
L0000009	0	0.39138E-02	406789.9	3748384.6	0.0	3.49	26.05	3.25
YES								
L0000010	0	0.39138E-02	406834.6	3748350.8	0.0	3.49	26.05	3.25
YES								
L0000011	0	0.39138E-02	406879.6	3748317.5	0.0	3.49	26.05	3.25
YES								
L0000012	0	0.39138E-02	406925.9	3748286.1	0.0	3.49	26.05	3.25
YES								
L0000013	0	0.39138E-02	406972.3	3748254.8	0.0	3.49	26.05	3.25
YES								
L0000014	0	0.39138E-02	407018.8	3748223.5	0.0	3.49	26.05	3.25
YES								
L0000015	0	0.39138E-02	407065.2	3748192.2	0.0	3.49	26.05	3.25
YES								
L0000016	0	0.39138E-02	407111.6	3748160.9	0.0	3.49	26.05	3.25
YES								
L0000017	0	0.39138E-02	407158.1	3748129.5	0.0	3.49	26.05	3.25
YES								
L0000018	0	0.39138E-02	407204.5	3748098.2	0.0	3.49	26.05	3.25
YES								
L0000019	0	0.39138E-02	407251.2	3748067.3	0.0	3.49	26.05	3.25
YES								
L0000020	0	0.39138E-02	407297.9	3748036.4	0.0	3.49	26.05	3.25
YES								
L0000021	0	0.39138E-02	407344.6	3748005.5	0.0	3.49	26.05	3.25
YES								
L0000022	0	0.39138E-02	407391.3	3747974.6	0.0	3.49	26.05	3.25
YES								
L0000023	0	0.39138E-02	407438.0	3747943.7	0.0	3.49	26.05	3.25
YES								
L0000024	0	0.39138E-02	407484.7	3747912.8	0.0	3.49	26.05	3.25
YES								
L0000025	0	0.39138E-02	407531.4	3747881.9	0.0	3.49	26.05	3.25
YES								
L0000026	0	0.39138E-02	407578.1	3747851.0	0.0	3.49	26.05	3.25
YES								
L0000027	0	0.39138E-02	407624.8	3747820.1	0.0	3.49	26.05	3.25
YES								
L0000028	0	0.39138E-02	407671.5	3747789.2	0.0	3.49	26.05	3.25
YES								
L0000029	0	0.39138E-02	407718.2	3747758.2	0.0	3.49	26.05	3.25
YES								
L0000030	0	0.39138E-02	407764.8	3747727.3	0.0	3.49	26.05	3.25
YES								
L0000031	0	0.39138E-02	407811.4	3747696.2	0.0	3.49	26.05	3.25
YES								
L0000032	0	0.39138E-02	407857.9	3747665.0	0.0	3.49	26.05	3.25
YES								
L0000033	0	0.39138E-02	407904.4	3747633.8	0.0	3.49	26.05	3.25
YES								
L0000034	0	0.39138E-02	407951.0	3747602.7	0.0	3.49	26.05	3.25
YES								
L0000035	0	0.39138E-02	407997.5	3747571.5	0.0	3.49	26.05	3.25
YES								
L0000036	0	0.39138E-02	408044.0	3747540.4	0.0	3.49	26.05	3.25
YES								
L0000037	0	0.39138E-02	408090.6	3747509.2	0.0	3.49	26.05	3.25
YES								
L0000038	0	0.39138E-02	408137.1	3747478.1	0.0	3.49	26.05	3.25

YES
L0000039 0 0.39138E-02 408183.0 3747446.0 0.0 3.49 26.05 3.25
YES
L0000040 0 0.39138E-02 408227.6 3747412.2 0.0 3.49 26.05 3.25
YES
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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE						
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY							
L0000041	0	0.39138E-02	408272.3	3747378.3	0.0	3.49	26.05	3.25	
YES									
L0000042	0	0.39138E-02	408316.9	3747344.5	0.0	3.49	26.05	3.25	
YES									
L0000043	0	0.39138E-02	408361.5	3747310.7	0.0	3.49	26.05	3.25	
YES									
L0000044	0	0.39138E-02	408405.6	3747276.2	0.0	3.49	26.05	3.25	
YES									
L0000045	0	0.39138E-02	408449.4	3747241.2	0.0	3.49	26.05	3.25	
YES									
L0000046	0	0.39138E-02	408493.2	3747206.3	0.0	3.49	26.05	3.25	
YES									
L0000047	0	0.39138E-02	408536.9	3747171.4	0.0	3.49	26.05	3.25	
YES									
L0000048	0	0.39138E-02	408580.8	3747136.6	0.0	3.49	26.05	3.25	
YES									
L0000049	0	0.39138E-02	408626.3	3747104.2	0.0	3.49	26.05	3.25	
YES									
L0000050	0	0.39138E-02	408674.5	3747075.6	0.0	3.49	26.05	3.25	
YES									
L0000051	0	0.39138E-02	408722.6	3747046.9	0.0	3.49	26.05	3.25	
YES									
L0000052	0	0.39138E-02	408770.7	3747018.3	0.0	3.49	26.05	3.25	
YES									
L0000053	0	0.39138E-02	408818.9	3746989.7	0.0	3.49	26.05	3.25	
YES									
L0000054	0	0.39138E-02	408867.0	3746961.1	0.0	3.49	26.05	3.25	
YES									
L0000055	0	0.39138E-02	408915.3	3746932.8	0.0	3.49	26.05	3.25	
YES									
L0000056	0	0.39138E-02	408965.3	3746907.5	0.0	3.49	26.05	3.25	
YES									
L0000057	0	0.39138E-02	409015.2	3746882.2	0.0	3.49	26.05	3.25	
YES									
L0000058	0	0.39138E-02	409065.2	3746856.8	0.0	3.49	26.05	3.25	
YES									

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

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	,	L0000046	,
	L0000047	,	L0000048	,								
	L0000049	,	L0000050	,	L0000051	,	L0000052	,	L0000053	,	L0000054	,
	L0000055	,	L0000056	,								
	L0000057	,	L0000058	,								

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID

URBAN POP

SOURCE IDs

	3010232.	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 ,

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

406293.3,	406343.3,	406393.3,	406443.3,	406493.3,	406543.3,	406593.3,	406643.3,
406693.3,	406743.3,						
406793.3,	406843.3,	406893.3,	406943.3,	406993.3,	407043.3,	407093.3,	407143.3,
407193.3,	407243.3,						
407293.3,	407343.3,	407393.3,	407443.3,	407493.3,	407543.3,	407593.3,	407643.3,
407693.3,	407743.3,						
407793.3,	407843.3,	407893.3,	407943.3,	407993.3,	408043.3,	408093.3,	408143.3,
408193.3,	408243.3,						
408293.3,	408343.3,	408393.3,	408443.3,	408493.3,	408543.3,	408593.3,	408643.3,
408693.3,	408743.3,						
408793.3,	408843.3,	408893.3,	408943.3,	408993.3,	409043.3,	409093.3,	409143.3,
409193.3,	409243.3,						

*** Y-COORDINATES OF GRID ***
(METERS)

3746652.8,	3746702.8,	3746752.8,	3746802.8,	3746852.8,	3746902.8,	3746952.8,	3747002.8,
3747052.8,	3747102.8,						
3747152.8,	3747202.8,	3747252.8,	3747302.8,	3747352.8,	3747402.8,	3747452.8,	3747502.8,
3747552.8,	3747602.8,						
3747652.8,	3747702.8,	3747752.8,	3747802.8,	3747852.8,	3747902.8,	3747952.8,	3748002.8,
3748052.8,	3748102.8,						
3748152.8,	3748202.8,	3748252.8,	3748302.8,	3748352.8,	3748402.8,	3748452.8,	3748502.8,
3748552.8,	3748602.8,						
3748652.8,	3748702.8,	3748752.8,	3748802.8,	3748852.8,			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32	406643.32	406693.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00

[illegible]

0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD							X-COORD (METERS)
(METERS)		406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32		406643.32	406693.32				

3746852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746702.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746652.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD							X-COORD (METERS)
(METERS)		406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32		407093.32	407143.32				

3748852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748702.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3748652.85		0.00	0.00	0.00	0.00	0.00	0.00

[illegible]

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0.00      0.00      0.00      0.00
3746952.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746902.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 406743.32 406793.32 406843.32 406893.32 406943.32 406993.32
407043.32 407093.32 407143.32
-----
3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 407193.32 407243.32 407293.32 407343.32 407393.32 407443.32
407493.32 407543.32 407593.32
-----
3748852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00

```

0.00	0.00	0.00	0.00			
3748452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***

*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407493.32	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407543.32	407593.32					
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***

*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407943.32	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407993.32	408043.32					
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

21:09:59

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407943.32	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
	407993.32	408043.32				

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:09:59

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408393.32	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
	408443.32	408493.32				

3748852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748202.85		0.00	0.00	0.00	0.00	0.00

(METERS)	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK						
GP\14635 CONS *** 07/06/23						
*** AERMET - VERSION 16216 ***						
					***	21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32	408893.32	408943.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

*** AERMOD - VERSION 22112 ***
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		408543.32	408593.32	408643.32	408693.32	408743.32
408843.32		408893.32	408943.32			

3746852.85		0.00	0.00	0.00	0.00	0.00

0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00

*** 21:09:59

```
*** MODELOPTs:      RegDFault  CONC  ELEV  URBAN  ADJ  U*
```

```
*** NETWORK ID: UCART1      ; NETWORK TYPE: GRIDCART ***
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* ELEVATION HEIGHTS IN METERS *

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***      21.09.59

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```
*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ  U*
```

```
*** NETWORK ID: UCART1      ; NETWORK TYPE: GRIDCART ***
```

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	
406593.32	406643.32	406693.32				

3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
406593.32	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
	406643.32	406693.32				

3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407043.32	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
	407093.32	407143.32				

3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

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FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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21:09:59

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PAGE 24

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD	(METERS)	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32		407093.32	407143.32				

3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

PAGE 25
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407493.32	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 ***

*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

21:09:59

PAGE 26

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		407193.32	407243.32	407293.32	407343.32	407393.32
407493.32		407543.32	407593.32			407443.32

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				

3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			

3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32		407993.32	408043.32				

3746852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				

3748852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3747602.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

 * HILL HEIGHT SCALES IN METERS *

Y-COORD							X-COORD (METERS)
(METERS)		408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32		408443.32	408493.32				

 - - - - -
 - - - - -

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32		408893.32	408943.32				
3748852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748702.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748652.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748602.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748552.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748502.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748452.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748402.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748352.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748302.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748252.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748202.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748152.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748102.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748052.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748002.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747952.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747902.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747702.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747652.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747602.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747552.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747502.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				

3747452.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 ***
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32		408893.32	408943.32				

3746852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 | 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 | 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 | 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 | 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 | 0.00 0.00 0.00

*** AERMOD - VERSION 22112 ***
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		408993.32	409043.32	409093.32	409143.32	409193.32	409243.32

3748852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748252.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748202.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00 0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 408993.32 409043.32 409093.32 409143.32 409193.32 409243.32

3746852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00 0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
-----	-----	-----	-----
L0000001	406493.3	3748652.8	-0.69
L0000001	406443.3	3748702.8	-21.24
L0000001	406493.3	3748702.8	-40.32
L0000001	406493.3	3748752.8	-6.69
L0000002	406493.3	3748652.8	-27.02
L0000002	406543.3	3748652.8	-27.23
L0000002	406493.3	3748702.8	-12.48
L0000002	406543.3	3748702.8	-12.62
L0000003	406543.3	3748602.8	-27.06
L0000003	406593.3	3748602.8	-12.84
L0000003	406543.3	3748652.8	-26.90
L0000003	406593.3	3748652.8	-12.73
L0000004	406593.3	3748552.8	-21.55
L0000004	406543.3	3748602.8	-0.44
L0000004	406593.3	3748602.8	-39.96
L0000004	406643.3	3748602.8	-6.74
L0000005	406643.3	3748502.8	-11.57
L0000005	406593.3	3748552.8	-13.67
L0000005	406643.3	3748552.8	-45.71
L0000005	406643.3	3748602.8	0.89
L0000006	406693.3	3748452.8	0.60
L0000006	406643.3	3748502.8	-25.36
L0000006	406693.3	3748502.8	-36.24
L0000006	406643.3	3748552.8	-0.10
L0000006	406693.3	3748552.8	-5.24
L0000007	406693.3	3748452.8	-33.03
L0000007	406743.3	3748452.8	-22.69
L0000007	406693.3	3748502.8	-14.03
L0000007	406743.3	3748502.8	-7.59
L0000008	406743.3	3748402.8	-32.47
L0000008	406793.3	3748402.8	-8.41
L0000008	406743.3	3748452.8	-27.09
L0000008	406793.3	3748452.8	-5.53
L0000009	406743.3	3748352.8	0.34
L0000009	406793.3	3748352.8	-24.12
L0000009	406743.3	3748402.8	-5.96
L0000009	406793.3	3748402.8	-37.40
L0000009	406843.3	3748402.8	0.45
L0000010	406843.3	3748302.8	-7.23
L0000010	406793.3	3748352.8	-14.72

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*

LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
L0000010	406843.3	3748352.8	-47.02
L0000010	406843.3	3748402.8	-3.26
L0000011	406843.3	3748302.8	-16.89
L0000011	406893.3	3748302.8	-35.90
L0000011	406843.3	3748352.8	-5.39
L0000011	406893.3	3748352.8	-18.11
L0000012	406893.3	3748252.8	-9.45
L0000012	406943.3	3748252.8	-18.48
L0000012	406893.3	3748302.8	-19.36
L0000012	406943.3	3748302.8	-31.85
L0000013	406993.3	3748202.8	0.00
L0000013	406943.3	3748252.8	-26.92
L0000013	406993.3	3748252.8	-34.95
L0000013	406943.3	3748302.8	0.14
L0000013	406993.3	3748302.8	-3.57
L0000014	406993.3	3748202.8	-23.24
L0000014	407043.3	3748202.8	-23.95
L0000014	406993.3	3748252.8	-17.14
L0000014	407043.3	3748252.8	-17.73
L0000015	407043.3	3748152.8	-11.01
L0000015	407093.3	3748152.8	-7.67
L0000015	407043.3	3748202.8	-31.65
L0000015	407093.3	3748202.8	-25.93
L0000016	407093.3	3748152.8	-36.02
L0000016	407143.3	3748152.8	-23.33
L0000016	407093.3	3748202.8	-10.19
L0000016	407143.3	3748202.8	-3.40
L0000017	407143.3	3748102.8	-25.51
L0000017	407193.3	3748102.8	-11.78
L0000017	407143.3	3748152.8	-28.43
L0000017	407193.3	3748152.8	-13.75
L0000018	407193.3	3748052.8	-9.26
L0000018	407193.3	3748102.8	-43.92
L0000018	407243.3	3748102.8	-16.91
L0000018	407193.3	3748152.8	-0.27
L0000019	407243.3	3748052.8	-39.54
L0000019	407293.3	3748052.8	-11.46
L0000019	407243.3	3748102.8	-19.62
L0000019	407293.3	3748102.8	-0.89
L0000020	407293.3	3748002.8	-22.14

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
* LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
L0000020	407343.3	3748002.8	0.48
L0000020	407243.3	3748052.8	0.98

[illegible]

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

```
* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
* LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL
```

SOURCE	- - RECEPTOR LOCATION - -		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0000029	407743.3	3747802.8	-4.80
L0000030	407743.3	3747702.8	-23.42
L0000030	407793.3	3747702.8	-18.47
L0000030	407743.3	3747752.8	-22.60
L0000030	407793.3	3747752.8	-17.76
L0000031	407793.3	3747652.8	-9.09
L0000031	407843.3	3747652.8	-2.20
L0000031	407793.3	3747702.8	-36.75
L0000031	407843.3	3747702.8	-23.37
L0000032	407843.3	3747652.8	-37.02
L0000032	407893.3	3747652.8	-18.57

[illegible]

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*** MODELOPTs:      RegDFault  CONC  ELEV  URBAN  ADJ_U*
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```
* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
  LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL
```

SOURCE	-- RECEPTOR LOCATION --		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0000039	408193.3	3747452.8	-43.65
L0000040	408193.3	3747402.8	-20.44
L0000040	408243.3	3747402.8	-37.76
L0000040	408193.3	3747452.8	-2.80
L0000040	408243.3	3747452.8	-12.42
L0000041	408243.3	3747352.8	-17.44
L0000041	408293.3	3747352.8	-22.94
L0000041	408243.3	3747402.8	-18.09
L0000041	408293.3	3747402.8	-23.69
L0000042	408293.3	3747302.8	-8.16
L0000042	408343.3	3747302.8	-6.67
L0000042	408293.3	3747352.8	-31.02
L0000042	408343.3	3747352.8	-28.27
L0000043	408343.3	3747302.8	-36.23
L0000043	408393.3	3747302.8	-23.23
L0000043	408343.3	3747352.8	-10.07
L0000043	408393.3	3747352.8	-3.16
L0000044	408393.3	3747252.8	-29.64
L0000044	408443.3	3747252.8	-11.66
L0000044	408393.3	3747302.8	-26.64

L0000044	408443.3	3747302.8	-9.82
L0000045	408443.3	3747202.8	-17.13
L0000045	408443.3	3747252.8	-42.92
L0000045	408493.3	3747252.8	-10.56
L0000046	408493.3	3747152.8	-2.54
L0000046	408443.3	3747202.8	-6.06
L0000046	408493.3	3747202.8	-52.53
L0000046	408543.3	3747202.8	-5.72
L0000046	408493.3	3747252.8	-9.48
L0000047	408493.3	3747152.8	-8.63
L0000047	408543.3	3747152.8	-36.40
L0000047	408493.3	3747202.8	-2.24
L0000047	408543.3	3747202.8	-23.90
L0000048	408543.3	3747102.8	-5.60
L0000048	408593.3	3747102.8	-20.03
L0000048	408543.3	3747152.8	-15.16
L0000048	408593.3	3747152.8	-35.46
L0000049	408643.3	3747052.8	-1.93
L0000049	408593.3	3747102.8	-22.96
L0000049	408643.3	3747102.8	-38.97

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000049	408643.3 3747152.8	-4.47
L0000050	408643.3 3747052.8	-17.45
L0000050	408693.3 3747052.8	-26.48
L0000050	408643.3 3747102.8	-14.60
L0000050	408693.3 3747102.8	-22.85
L0000051	408693.3 3747002.8	-3.07
L0000051	408743.3 3747002.8	-7.28
L0000051	408693.3 3747052.8	-26.14
L0000051	408743.3 3747052.8	-34.46
L0000052	408743.3 3747002.8	-24.53
L0000052	408793.3 3747002.8	-28.63
L0000052	408743.3 3747052.8	-11.92
L0000052	408793.3 3747052.8	-14.75
L0000053	408793.3 3746952.8	-11.17
L0000053	408843.3 3746952.8	-11.78
L0000053	408793.3 3747002.8	-27.28
L0000053	408843.3 3747002.8	-28.24
L0000054	408843.3 3746952.8	-30.94
L0000054	408893.3 3746952.8	-28.43
L0000054	408843.3 3747002.8	-7.99
L0000054	408893.3 3747002.8	-6.64
L0000055	408893.3 3746902.8	-18.88
L0000055	408943.3 3746902.8	-15.01
L0000055	408893.3 3746952.8	-26.24
L0000055	408943.3 3746952.8	-21.54
L0000056	408943.3 3746902.8	-33.59
L0000056	408993.3 3746902.8	-27.57
L0000056	408943.3 3746952.8	-5.60
L0000056	408993.3 3746952.8	-2.65

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS ***                    07/06/23
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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

[illegible]

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

```

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

```

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23

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*** AERMET - VERSION 16216 ***

* * *

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

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

Surface file:

KFUL V9 ADJU\KFUL V9.SFC

Met

```
Version: 16216
```

Profile file:

KFUL V9 ADJU\KFUL V9.PFL

Surface format:

FREE

Profile format:

FREE

Surface station no.: 3166
Name: UNKNOWN
UNKNOWN
Year: 2012

Upper air station no.: 3190
Name:

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	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96		
322.		10.1		283.8	2.0												
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52		
13.		10.1		283.1	2.0												
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
73.		10.1		282.0	2.0												
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91		
98.		10.1		281.4	2.0												
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00		
0.		10.1		280.9	2.0												
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55		
80.		10.1		280.4	2.0												
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69		
201.		10.1		280.4	2.0												
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52		
72.		10.1		280.9	2.0												
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00		
0.		10.1		285.9	2.0												
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79		
268.		10.1		289.9	2.0												
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70		
273.		10.1		294.2	2.0												
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74		
230.		10.1		297.5	2.0												
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20		
227.		10.1		300.4	2.0												
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47		
233.		10.1		300.9	2.0												
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20		
233.		10.1		302.0	2.0												
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91		
229.		10.1		298.1	2.0												
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37		
212.		10.1		294.2	2.0												
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91		
190.		10.1		292.0	2.0												
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70		
302.		10.1		289.2	2.0												
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87		
338.		10.1		288.1	2.0												
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11		
304.		10.1		287.0	2.0												
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
76.		10.1		285.4	2.0												
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62		
306.		10.1		284.9	2.0												
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82		
318.		10.1		283.8	2.0												

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)	406293.32	406343.32	406393.32
406443.32	406493.32		

3748852.8	1.31050 (13032208)	1.38712 (13032208)	1.91709 (14062706)
1.88736 (14062706)	1.57160 (13041407)		
3748802.8	1.39648 (13032208)	1.80452 (13032208)	2.17369 (14062706)
2.94370 (14062706)	2.30753 (13041407)		
3748752.8	1.65980 (13052506)	2.01635 (13052506)	2.82862 (13032208)
4.56532 (14062706)	3.25040 (14062706)		
3748702.8	1.76449 (13052506)	2.33697 (13052506)	3.52120 (13052506)
3.17306 (13032208)	2.80622 (14062706)		
3748652.8	1.54288 (13052506)	1.93773 (13052506)	2.65087 (13052506)
4.36963 (13052506)	3.77268 (13052506)		
3748602.8	1.34888 (13052506)	1.61769 (13052506)	2.03528 (12052806)
2.99475 (12052806)	4.84692 (12052806)		
3748552.8	1.20654 (13052506)	1.41461 (13052506)	1.80579 (12052806)
2.42004 (12052806)	3.41223 (12052806)		
3748502.8	1.08585 (12052806)	1.30908 (12052806)	1.61647 (12052806)
2.04901 (12052806)	2.68042 (12052806)		
3748452.8	1.03262 (12052806)	1.21810 (12052806)	1.46097 (12052806)
1.78415 (12052806)	2.22588 (12052806)		
3748402.8	0.97905 (12052806)	1.13478 (12052806)	1.33135 (12052806)
1.58261 (12052806)	1.91035 (12052806)		
3748352.8	0.92728 (12052806)	1.05938 (12052806)	1.22148 (12052806)
1.42239 (12052806)	1.67529 (12052806)		
3748302.8	0.87822 (12052806)	0.99133 (12052806)	1.12699 (12052806)
1.29101 (12052806)	1.49164 (12052806)		
3748252.8	0.83223 (12052806)	0.92986 (12052806)	1.04478 (12052806)
1.18086 (12052806)	1.34338 (12052806)		
3748202.8	0.78934 (12052806)	0.87425 (12052806)	0.97259 (12052806)
1.08698 (12052806)	1.22087 (12052806)		
3748152.8	0.74948 (12052806)	0.82381 (12052806)	0.90871 (12052806)
1.00599 (12052806)	1.11791 (12052806)		
3748102.8	0.71249 (12052806)	0.77796 (12052806)	0.85185 (12052806)
0.93541 (12052806)	1.03017 (12052806)		
3748052.8	0.67816 (12052806)	0.73617 (12052806)	0.80095 (12052806)
0.87341 (12052806)	0.95456 (12052806)		
3748002.8	0.64632 (12052806)	0.69799 (12052806)	0.75517 (12052806)
0.81852 (12052806)	0.88875 (12052806)		
3747952.8	0.61675 (12052806)	0.66301 (12052806)	0.71381 (12052806)

* *

Y-COORD				X-COORD (METERS)
(METERS)		406293.32	406343.32	406393.32
406443.32		406493.32		

3746852.8		0.27594 (12052806)	0.28458 (12052806)	0.29351 (12052806)
0.30273	(12052806)	0.31225 (12052806)		
3746802.8		0.26776 (12052806)	0.27592 (12052806)	0.28433 (12052806)
0.29301	(12052806)	0.30196 (12052806)		
3746752.8		0.25992 (12052806)	0.26762 (12052806)	0.27555 (12052806)
0.28373	(12052806)	0.29215 (12052806)		
3746702.8		0.25239 (12052806)	0.25966 (12052806)	0.26715 (12052806)
0.27486	(12052806)	0.28279 (12052806)		
3746652.8		0.24515 (12052806)	0.25203 (12052806)	0.25910 (12052806)
0.26638	(12052806)	0.27385 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD				X-COORD (METERS)
(METERS)		406543.32	406593.32	406643.32
406693.32		406743.32		

3748852.8		1.55545 (14120316)	1.46955 (14120316)	1.32835 (12052806)
1.24976	(12052806)	1.17491 (12052806)		
3748802.8		2.34470 (14120316)	1.91953 (14120316)	1.67053 (12052806)
1.51716	(12052806)	1.38948 (12052806)		
3748752.8		3.70129 (14120316)	2.60705 (12052806)	2.17905 (12052806)
1.88381	(12052806)	1.66837 (12052806)		
3748702.8		3.82506 (12052806)	3.97877 (12052806)	2.96242 (12052806)
2.39808	(12052806)	2.03674 (12052806)		
3748652.8		3.32952 (14062706)	4.41102 (12052806)	4.27790 (12052806)
3.15529	(12052806)	2.53883 (12052806)		
3748602.8		3.53691 (13041207)	3.89501 (14062706)	3.21978 (12052806)
4.40150	(12052806)	3.26764 (12052806)		
3748552.8		5.28180 (12052806)	3.46860 (12052806)	4.23362 (12052806)
4.96197	(12052806)	4.46130 (12052806)		
3748502.8		3.68224 (12052806)	5.60840 (12052806)	3.67836 (12052806)
3.90553	(12052806)	4.78666 (12052806)		
3748452.8		2.86204 (12052806)	3.87533 (12052806)	5.84557 (12052806)
4.42754	(13052506)	3.89651 (12052806)		
3748402.8		2.35338 (12052806)	2.99085 (12052806)	4.01461 (12052806)

6.03313 (12052806)	4.29015 (13041207)	
3748352.8 2.00182 (12052806)	2.44127 (12052806)	3.07371 (12052806)
4.09232 (12052806)	4.74100 (13041207)	
3748302.8 1.74153 (12052806)	2.06152 (12052806)	2.48855 (12052806)
3.09394 (12052806)	4.02735 (12052806)	
3748252.8 1.53992 (12052806)	1.78195 (12052806)	2.08744 (12052806)
2.48563 (12052806)	3.02565 (12052806)	
3748202.8 1.37890 (12052806)	1.56756 (12052806)	1.79612 (12052806)
2.07809 (12052806)	2.43376 (12052806)	
3748152.8 1.24737 (12052806)	1.39821 (12052806)	1.57552 (12052806)
1.78626 (12052806)	2.04024 (12052806)	
3748102.8 1.13800 (12052806)	1.26123 (12052806)	1.40289 (12052806)
1.56687 (12052806)	1.75850 (12052806)	
3748052.8 1.04567 (12052806)	1.14823 (12052806)	1.26412 (12052806)
1.39572 (12052806)	1.54617 (12052806)	
3748002.8 0.96671 (12052806)	1.05342 (12052806)	1.15010 (12052806)
1.25828 (12052806)	1.37996 (12052806)	
3747952.8 0.89841 (12052806)	0.97270 (12052806)	1.05466 (12052806)
1.14532 (12052806)	1.24602 (12052806)	
3747902.8 0.83871 (12052806)	0.90310 (12052806)	0.97352 (12052806)
1.05070 (12052806)	1.13558 (12052806)	
3747852.8 0.78607 (12052806)	0.84242 (12052806)	0.90361 (12052806)
0.97018 (12052806)	1.04278 (12052806)	
3747802.8 0.73928 (12052806)	0.78901 (12052806)	0.84270 (12052806)
0.90074 (12052806)	0.96361 (12052806)	
3747752.8 0.69737 (12052806)	0.74160 (12052806)	0.78910 (12052806)
0.84017 (12052806)	0.89517 (12052806)	
3747702.8 0.65961 (12052806)	0.69920 (12052806)	0.74152 (12052806)
0.78681 (12052806)	0.83535 (12052806)	
3747652.8 0.62538 (12052806)	0.66101 (12052806)	0.69896 (12052806)
0.73940 (12052806)	0.78256 (12052806)	
3747602.8 0.59419 (12052806)	0.62642 (12052806)	0.66063 (12052806)
0.69696 (12052806)	0.73559 (12052806)	
3747552.8 0.56563 (12052806)	0.59492 (12052806)	0.62591 (12052806)
0.65871 (12052806)	0.69348 (12052806)	
3747502.8 0.53937 (12052806)	0.56609 (12052806)	0.59428 (12052806)
0.62404 (12052806)	0.65549 (12052806)	
3747452.8 0.51512 (12052806)	0.53959 (12052806)	0.56534 (12052806)
0.59245 (12052806)	0.62102 (12052806)	
3747402.8 0.49266 (12052806)	0.51513 (12052806)	0.53873 (12052806)
0.56352 (12052806)	0.58957 (12052806)	
3747352.8 0.47179 (12052806)	0.49248 (12052806)	0.51417 (12052806)
0.53691 (12052806)	0.56075 (12052806)	
3747302.8 0.45232 (12052806)	0.47144 (12052806)	0.49143 (12052806)
0.51234 (12052806)	0.53423 (12052806)	
3747252.8 0.43413 (12052806)	0.45182 (12052806)	0.47029 (12052806)
0.48958 (12052806)	0.50973 (12052806)	
3747202.8 0.41708 (12052806)	0.43349 (12052806)	0.45059 (12052806)
0.46843 (12052806)	0.48702 (12052806)	
3747152.8 0.40106 (12052806)	0.41631 (12052806)	0.43218 (12052806)
0.44870 (12052806)	0.46590 (12052806)	
3747102.8 0.38598 (12052806)	0.40018 (12052806)	0.41493 (12052806)
0.43027 (12052806)	0.44621 (12052806)	
3747052.8 0.37175 (12052806)	0.38499 (12052806)	0.39873 (12052806)
0.41299 (12052806)	0.42779 (12052806)	
3747002.8 0.35831 (12052806)	0.37068 (12052806)	0.38349 (12052806)
0.39677 (12052806)	0.41053 (12052806)	
3746952.8 0.34559 (12052806)	0.35715 (12052806)	0.36911 (12052806)
0.38150 (12052806)	0.39431 (12052806)	
3746902.8 0.33353 (12052806)	0.34435 (12052806)	0.35554 (12052806)
0.36710 (12052806)	0.37905 (12052806)	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** 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 , . . . ,

```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
 (METERS) | 406543.32 406593.32 406643.32
 406693.32 406743.32

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3746852.8 | 0.32207 (12052806) 0.33222 (12052806) 0.34269 (12052806)
0.35350 (12052806) 0.36465 (12052806)
3746802.8 | 0.31119 (12052806) 0.32070 (12052806) 0.33051 (12052806)
0.34063 (12052806) 0.35106 (12052806)
3746752.8 | 0.30083 (12052806) 0.30976 (12052806) 0.31896 (12052806)
0.32843 (12052806) 0.33819 (12052806)
3746702.8 | 0.29095 (12052806) 0.29935 (12052806) 0.30798 (12052806)
0.31687 (12052806) 0.32600 (12052806)
3746652.8 | 0.28153 (12052806) 0.28943 (12052806) 0.29754 (12052806)
0.30587 (12052806) 0.31444 (12052806)

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*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** 21:09:59

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** 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 , . . . ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
 (METERS) | 406793.32 406843.32 406893.32
 406943.32 406993.32

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3748852.8 | 1.10678 (12052806) 1.04581 (12052806) 0.99153 (12052806)

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0.94313 (12052806)	0.89979 (12052806)	
3748802.8 1.28331 (12052806)	1.19431 (12052806)	1.11887 (12052806)
1.05412 (12052806)	0.99787 (12052806)	
3748752.8 1.50435 (12052806)	1.37530 (12052806)	1.27100 (12052806)
1.18476 (12052806)	1.11199 (12052806)	
3748702.8 1.78456 (12052806)	1.59816 (12052806)	1.45445 (12052806)
1.33987 (12052806)	1.24590 (12052806)	
3748652.8 2.14781 (12052806)	1.87739 (12052806)	1.67894 (12052806)
1.52650 (12052806)	1.40499 (12052806)	
3748602.8 2.63816 (12052806)	2.23763 (12052806)	1.96020 (12052806)
1.75573 (12052806)	1.59753 (12052806)	
3748552.8 3.34826 (12052806)	2.72502 (12052806)	2.32595 (12052806)
2.04626 (12052806)	1.83695 (12052806)	
3748502.8 4.50943 (12052806)	3.43734 (12052806)	2.83050 (12052806)
2.43266 (12052806)	2.14674 (12052806)	
3748452.8 4.87740 (12052806)	4.62794 (12052806)	3.59931 (12052806)
2.98679 (12052806)	2.57166 (12052806)	
3748402.8 4.22513 (12052806)	3.68804 (12052806)	5.00725 (12052806)
3.88445 (12052806)	3.20777 (12052806)	
3748352.8 3.82512 (12052806)	4.41299 (12052806)	5.55767 (12052806)
5.69241 (12052806)	4.30481 (12052806)	
3748302.8 5.64690 (12052806)	4.27197 (13052506)	4.11590 (12052806)
4.29552 (12052806)	4.89064 (12052806)	
3748252.8 3.79937 (12052806)	5.02734 (12052806)	5.05378 (12052806)
4.20318 (13052506)	4.16074 (12052806)	
3748202.8 2.89647 (12052806)	3.52887 (12052806)	4.46798 (12052806)
6.09863 (12052806)	4.80188 (13052506)	
3748152.8 2.35232 (12052806)	2.74734 (12052806)	3.27111 (12052806)
4.01835 (12052806)	5.21666 (12052806)	
3748102.8 1.98546 (12052806)	2.25966 (12052806)	2.60086 (12052806)
3.04418 (12052806)	3.65706 (12052806)	
3748052.8 1.71986 (12052806)	1.92326 (12052806)	2.16634 (12052806)
2.46517 (12052806)	2.84685 (12052806)	
3748002.8 1.51784 (12052806)	1.67574 (12052806)	1.85926 (12052806)
2.07679 (12052806)	2.34137 (12052806)	
3747952.8 1.35852 (12052806)	1.48521 (12052806)	1.62949 (12052806)
1.79617 (12052806)	1.99229 (12052806)	
3747902.8 1.22933 (12052806)	1.33356 (12052806)	1.45043 (12052806)
1.58290 (12052806)	1.73511 (12052806)	
3747852.8 1.12226 (12052806)	1.20970 (12052806)	1.30656 (12052806)
1.41476 (12052806)	1.53689 (12052806)	
3747802.8 1.03192 (12052806)	1.10644 (12052806)	1.18819 (12052806)
1.27846 (12052806)	1.37896 (12052806)	
3747752.8 0.95456 (12052806)	1.01889 (12052806)	1.08890 (12052806)
1.16550 (12052806)	1.24985 (12052806)	
3747702.8 0.88748 (12052806)	0.94363 (12052806)	1.00431 (12052806)
1.07020 (12052806)	1.14212 (12052806)	
3747652.8 0.82870 (12052806)	0.87814 (12052806)	0.93128 (12052806)
0.98861 (12052806)	1.05073 (12052806)	
3747602.8 0.77671 (12052806)	0.82059 (12052806)	0.86753 (12052806)
0.91789 (12052806)	0.97212 (12052806)	
3747552.8 0.73037 (12052806)	0.76957 (12052806)	0.81132 (12052806)
0.85592 (12052806)	0.90370 (12052806)	
3747502.8 0.68875 (12052806)	0.72398 (12052806)	0.76136 (12052806)
0.80113 (12052806)	0.84354 (12052806)	
3747452.8 0.65115 (12052806)	0.68297 (12052806)	0.71662 (12052806)
0.75229 (12052806)	0.79019 (12052806)	
3747402.8 0.61698 (12052806)	0.64585 (12052806)	0.67629 (12052806)
0.70846 (12052806)	0.74252 (12052806)	
3747352.8 0.58578 (12052806)	0.61207 (12052806)	0.63973 (12052806)
0.66887 (12052806)	0.69962 (12052806)	
3747302.8 0.55716 (12052806)	0.58119 (12052806)	0.60641 (12052806)
0.63291 (12052806)	0.66080 (12052806)	
3747252.8 0.53080 (12052806)	0.55283 (12052806)	0.57590 (12052806)
0.60009 (12052806)	0.62548 (12052806)	
3747202.8 0.50642 (12052806)	0.52668 (12052806)	0.54785 (12052806)

0.57000 (12052806)	0.59319 (12052806)		
3747152.8	0.48382 (12052806)	0.50249 (12052806)	0.52196 (12052806)
0.54229 (12052806)	0.56354 (12052806)		
3747102.8	0.46278 (12052806)	0.48003 (12052806)	0.49798 (12052806)
0.51669 (12052806)	0.53621 (12052806)		
3747052.8	0.44316 (12052806)	0.45912 (12052806)	0.47571 (12052806)
0.49296 (12052806)	0.51093 (12052806)		
3747002.8	0.42480 (12052806)	0.43959 (12052806)	0.45495 (12052806)
0.47090 (12052806)	0.48747 (12052806)		
3746952.8	0.40758 (12052806)	0.42132 (12052806)	0.43556 (12052806)
0.45032 (12052806)	0.46564 (12052806)		
3746902.8	0.39140 (12052806)	0.40418 (12052806)	0.41741 (12052806)
0.43109 (12052806)	0.44527 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	406793.32	406843.32
406943.32	406993.32	406893.32

3746852.8	0.37617 (12052806)	0.38807 (12052806)	0.40037 (12052806)
0.41308 (12052806)	0.42622 (12052806)		
3746802.8	0.36181 (12052806)	0.37290 (12052806)	0.38435 (12052806)
0.39616 (12052806)	0.40836 (12052806)		
3746752.8	0.34824 (12052806)	0.35859 (12052806)	0.36926 (12052806)
0.38025 (12052806)	0.39159 (12052806)		
3746702.8	0.33540 (12052806)	0.34507 (12052806)	0.35502 (12052806)
0.36526 (12052806)	0.37581 (12052806)		
3746652.8	0.32323 (12052806)	0.33227 (12052806)	0.34156 (12052806)
0.35111 (12052806)	0.36093 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)	407043.32	407093.32	407143.32
407193.32	407243.32		

3748852.8	0.86072 (12052806)	0.82527 (12052806)	0.79288 (12052806)
0.76309 (12052806)	0.73552 (12052806)		
3748802.8	0.94839 (12052806)	0.90438 (12052806)	0.86482 (12052806)
0.82892 (12052806)	0.79609 (12052806)		
3748752.8	1.04947 (12052806)	0.99490 (12052806)	0.94660 (12052806)
0.90335 (12052806)	0.86423 (12052806)		
3748702.8	1.16696 (12052806)	1.09929 (12052806)	1.04028 (12052806)
0.98809 (12052806)	0.94138 (12052806)		
3748652.8	1.30514 (12052806)	1.22101 (12052806)	1.14868 (12052806)
1.08547 (12052806)	1.02948 (12052806)		
3748602.8	1.47037 (12052806)	1.36506 (12052806)	1.27579 (12052806)
1.19871 (12052806)	1.13117 (12052806)		
3748552.8	1.67264 (12052806)	1.53905 (12052806)	1.42750 (12052806)
1.33245 (12052806)	1.25011 (12052806)		
3748502.8	1.92858 (12052806)	1.75506 (12052806)	1.61282 (12052806)
1.49352 (12052806)	1.39163 (12052806)		
3748452.8	2.26767 (12052806)	2.03337 (12052806)	1.84614 (12052806)
1.69246 (12052806)	1.56361 (12052806)		
3748402.8	2.74733 (12052806)	2.41053 (12052806)	2.15193 (12052806)
1.94630 (12052806)	1.77832 (12052806)		
3748352.8	3.49595 (12052806)	2.95987 (12052806)	2.57539 (12052806)
2.28456 (12052806)	2.05594 (12052806)		
3748302.8	4.87673 (12052806)	3.85529 (12052806)	3.21122 (12052806)
2.76371 (12052806)	2.43249 (12052806)		
3748252.8	5.42434 (12052806)	5.65331 (12052806)	4.30210 (12052806)
3.50881 (12052806)	2.97977 (12052806)		
3748202.8	4.15162 (12052806)	4.07708 (12052806)	4.85811 (12052806)
4.87266 (12052806)	3.86776 (12052806)		
3748152.8	5.14665 (12052806)	4.82164 (13052506)	4.14719 (12052806)
3.90906 (12052806)	5.64006 (12052806)		
3748102.8	4.58594 (12052806)	6.22297 (12052806)	5.77241 (12052806)
4.40073 (13052506)	4.04641 (12052806)		
3748052.8	3.36042 (12052806)	4.10454 (12052806)	5.31226 (12052806)
5.43395 (13052506)	4.62641 (12052806)		
3748002.8	2.67405 (12052806)	3.11102 (12052806)	3.72024 (12052806)
4.64715 (12052806)	6.26855 (12052806)		
3747952.8	2.22841 (12052806)	2.52093 (12052806)	2.89682 (12052806)
3.40403 (12052806)	4.13851 (12052806)		
3747902.8	1.91293 (12052806)	2.12491 (12052806)	2.38398 (12052806)
2.71071 (12052806)	3.14033 (12052806)		
3747852.8	1.67649 (12052806)	1.83846 (12052806)	2.02982 (12052806)
2.26092 (12052806)	2.54789 (12052806)		
3747802.8	1.49195 (12052806)	1.62046 (12052806)	1.76864 (12052806)
1.94230 (12052806)	2.14991 (12052806)		
3747752.8	1.34347 (12052806)	1.44833 (12052806)	1.56706 (12052806)
1.70318 (12052806)	1.86159 (12052806)		
3747702.8	1.22113 (12052806)	1.30857 (12052806)	1.40618 (12052806)
1.51623 (12052806)	1.64176 (12052806)		
3747652.8	1.11841 (12052806)	1.19258 (12052806)	1.27444 (12052806)

1.36554 (12052806)	1.46786 (12052806)	
3747602.8 1.03079 (12052806)	1.09458 (12052806)	1.16435 (12052806)
1.24117 (12052806)	1.32640 (12052806)	
3747552.8 0.95508 (12052806)	1.01057 (12052806)	1.07081 (12052806)
1.13656 (12052806)	1.20879 (12052806)	
3747502.8 0.88892 (12052806)	0.93766 (12052806)	0.99023 (12052806)
1.04719 (12052806)	1.10926 (12052806)	
3747452.8 0.83057 (12052806)	0.87371 (12052806)	0.92000 (12052806)
0.96985 (12052806)	1.02380 (12052806)	
3747402.8 0.77866 (12052806)	0.81712 (12052806)	0.85819 (12052806)
0.90219 (12052806)	0.94953 (12052806)	
3747352.8 0.73215 (12052806)	0.76664 (12052806)	0.80331 (12052806)
0.84243 (12052806)	0.88430 (12052806)	
3747302.8 0.69022 (12052806)	0.72130 (12052806)	0.75423 (12052806)
0.78922 (12052806)	0.82650 (12052806)	
3747252.8 0.65219 (12052806)	0.68032 (12052806)	0.71004 (12052806)
0.74149 (12052806)	0.77488 (12052806)	
3747202.8 0.61752 (12052806)	0.64309 (12052806)	0.67001 (12052806)
0.69842 (12052806)	0.72847 (12052806)	
3747152.8 0.58578 (12052806)	0.60909 (12052806)	0.63357 (12052806)
0.65933 (12052806)	0.68650 (12052806)	
3747102.8 0.55660 (12052806)	0.57791 (12052806)	0.60025 (12052806)
0.62368 (12052806)	0.64832 (12052806)	
3747052.8 0.52966 (12052806)	0.54921 (12052806)	0.56963 (12052806)
0.59102 (12052806)	0.61345 (12052806)	
3747002.8 0.50472 (12052806)	0.52268 (12052806)	0.54141 (12052806)
0.56097 (12052806)	0.58144 (12052806)	
3746952.8 0.48155 (12052806)	0.49809 (12052806)	0.51530 (12052806)
0.53324 (12052806)	0.55196 (12052806)	
3746902.8 0.45997 (12052806)	0.47523 (12052806)	0.49107 (12052806)
0.50755 (12052806)	0.52472 (12052806)	

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	407043.32	407093.32
407193.32	407243.32	407143.32

3746852.8 0.43983 (12052806)	0.45392 (12052806)	0.46853 (12052806)
0.48370 (12052806)	0.49946 (12052806)	
3746802.8 0.42097 (12052806)	0.43401 (12052806)	0.44750 (12052806)
0.46148 (12052806)	0.47597 (12052806)	
3746752.8 0.40329 (12052806)	0.41536 (12052806)	0.42784 (12052806)

0.44073 (12052806) 0.45408 (12052806)
3746702.8 | 0.38667 (12052806) 0.39787 (12052806) 0.40941 (12052806)
0.42133 (12052806) 0.43364 (12052806)
3746652.8 | 0.37103 (12052806) 0.38142 (12052806) 0.39212 (12052806)
0.40314 (12052806) 0.41450 (12052806)
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407293.32 407343.32 407393.32
407443.32 407493.32

3748852.8 | 0.70986 (12052806) 0.68587 (12052806) 0.66333 (12052806)
0.64208 (12052806) 0.62197 (12052806)
3748802.8 | 0.76585 (12052806) 0.73781 (12052806) 0.71169 (12052806)
0.68722 (12052806) 0.66422 (12052806)
3748752.8 | 0.82854 (12052806) 0.79573 (12052806) 0.76539 (12052806)
0.73717 (12052806) 0.71081 (12052806)
3748702.8 | 0.89916 (12052806) 0.86068 (12052806) 0.82535 (12052806)
0.79273 (12052806) 0.76243 (12052806)
3748652.8 | 0.97934 (12052806) 0.93402 (12052806) 0.89274 (12052806)
0.85487 (12052806) 0.81994 (12052806)
3748602.8 | 1.07125 (12052806) 1.01757 (12052806) 0.96905 (12052806)
0.92488 (12052806) 0.88441 (12052806)
3748552.8 | 1.17786 (12052806) 1.11373 (12052806) 1.05630 (12052806)
1.00443 (12052806) 0.95726 (12052806)
3748502.8 | 1.30333 (12052806) 1.22586 (12052806) 1.15718 (12052806)
1.09573 (12052806) 1.04031 (12052806)
3748452.8 | 1.45373 (12052806) 1.35867 (12052806) 1.27544 (12052806)
1.20179 (12052806) 1.13603 (12052806)
3748402.8 | 1.63812 (12052806) 1.51905 (12052806) 1.41641 (12052806)
1.32681 (12052806) 1.24776 (12052806)
3748352.8 | 1.87087 (12052806) 1.71751 (12052806) 1.58799 (12052806)
1.47687 (12052806) 1.38025 (12052806)
3748302.8 | 2.17614 (12052806) 1.97098 (12052806) 1.80244 (12052806)
1.66106 (12052806) 1.54043 (12052806)
3748252.8 | 2.59855 (12052806) 2.30884 (12052806) 2.07997 (12052806)
1.89381 (12052806) 1.73888 (12052806)
3748202.8 | 3.23174 (12052806) 2.78746 (12052806) 2.45678 (12052806)
2.19950 (12052806) 1.99268 (12052806)
3748152.8 | 4.31650 (12052806) 3.53241 (12052806) 3.00540 (12052806)
2.62326 (12052806) 2.33152 (12052806)
3748102.8 | 4.97748 (12052806) 4.90039 (12052806) 3.89856 (12052806)

3.26014 (12052806)	2.81247 (12052806)		
3748052.8 4.33074 (12052806)	3.88044 (12052806)	5.68873 (12052806)	
4.35539 (12052806)	3.56282 (12052806)		
3748002.8 4.07936 (12052806)	3.12593 (12052806)	4.18456 (12052806)	
6.80369 (12052806)	4.94482 (12052806)		
3747952.8 5.32768 (12052806)	3.90642 (13052506)	4.27951 (12052806)	
4.76847 (12052806)	3.97764 (12052806)		
3747902.8 3.73922 (12052806)	4.65062 (12052806)	6.25326 (12052806)	
4.04054 (13052506)	4.39557 (12052806)		
3747852.8 2.91730 (12052806)	3.41661 (12052806)	4.14053 (12052806)	
5.31387 (12052806)	5.36156 (12052806)		
3747802.8 2.40428 (12052806)	2.72586 (12052806)	3.14956 (12052806)	
3.74082 (12052806)	4.64001 (12052806)		
3747752.8 2.04926 (12052806)	2.27651 (12052806)	2.55936 (12052806)	
2.92410 (12052806)	3.41756 (12052806)		
3747702.8 1.78690 (12052806)	1.95748 (12052806)	2.16190 (12052806)	
2.41288 (12052806)	2.73067 (12052806)		
3747652.8 1.58401 (12052806)	1.71755 (12052806)	1.87334 (12052806)	
2.05833 (12052806)	2.28277 (12052806)		
3747602.8 1.42179 (12052806)	1.52961 (12052806)	1.65291 (12052806)	
1.79582 (12052806)	1.96414 (12052806)		
3747552.8 1.28870 (12052806)	1.37785 (12052806)	1.47823 (12052806)	
1.59247 (12052806)	1.72409 (12052806)		
3747502.8 1.17729 (12052806)	1.25238 (12052806)	1.33589 (12052806)	
1.42958 (12052806)	1.53575 (12052806)		
3747452.8 1.08248 (12052806)	1.14667 (12052806)	1.21735 (12052806)	
1.29575 (12052806)	1.38341 (12052806)		
3747402.8 1.00068 (12052806)	1.05622 (12052806)	1.11688 (12052806)	
1.18353 (12052806)	1.25727 (12052806)		
3747352.8 0.92928 (12052806)	0.97784 (12052806)	1.03048 (12052806)	
1.08788 (12052806)	1.15082 (12052806)		
3747302.8 0.86636 (12052806)	0.90916 (12052806)	0.95528 (12052806)	
1.00524 (12052806)	1.05962 (12052806)		
3747252.8 0.81043 (12052806)	0.84842 (12052806)	0.88915 (12052806)	
0.93301 (12052806)	0.98045 (12052806)		
3747202.8 0.76035 (12052806)	0.79427 (12052806)	0.83048 (12052806)	
0.86927 (12052806)	0.91100 (12052806)		
3747152.8 0.71521 (12052806)	0.74565 (12052806)	0.77802 (12052806)	
0.81254 (12052806)	0.84950 (12052806)		
3747102.8 0.67429 (12052806)	0.70173 (12052806)	0.73080 (12052806)	
0.76168 (12052806)	0.79460 (12052806)		
3747052.8 0.63701 (12052806)	0.66184 (12052806)	0.68804 (12052806)	
0.71579 (12052806)	0.74525 (12052806)		
3747002.8 0.60289 (12052806)	0.62542 (12052806)	0.64913 (12052806)	
0.67415 (12052806)	0.70062 (12052806)		
3746952.8 0.57154 (12052806)	0.59204 (12052806)	0.61355 (12052806)	
0.63618 (12052806)	0.66005 (12052806)		
3746902.8 0.54262 (12052806)	0.56131 (12052806)	0.58089 (12052806)	
0.60141 (12052806)	0.62299 (12052806)		

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	407293.32 407343.32	407393.32
407443.32	407493.32	

3746852.8	0.51586 (12052806)	0.53295 (12052806)	0.55079 (12052806)
0.56944 (12052806)	0.58899 (12052806)		
3746802.8	0.49102 (12052806)	0.50667 (12052806)	0.52296 (12052806)
0.53995 (12052806)	0.55770 (12052806)		
3746752.8	0.46791 (12052806)	0.48226 (12052806)	0.49716 (12052806)
0.51266 (12052806)	0.52881 (12052806)		
3746702.8	0.44637 (12052806)	0.45954 (12052806)	0.47318 (12052806)
0.48734 (12052806)	0.50204 (12052806)		
3746652.8	0.42622 (12052806)	0.43833 (12052806)	0.45084 (12052806)
0.46379 (12052806)	0.47720 (12052806)		

*** AERMOD - VERSION 22112 *** ** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 21:09:59

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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	, . . .	,		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	407543.32 407593.32	407643.32
407693.32	407743.32	

3748852.8	0.60288 (12052806)	0.58472 (12052806)	0.56738 (12052806)
0.55081 (12052806)	0.53492 (12052806)		
3748802.8	0.64251 (12052806)	0.62195 (12052806)	0.60244 (12052806)
0.58385 (12052806)	0.56612 (12052806)		
3748752.8	0.68607 (12052806)	0.66277 (12052806)	0.64075 (12052806)
0.61989 (12052806)	0.60006 (12052806)		
3748702.8	0.73417 (12052806)	0.70769 (12052806)	0.68280 (12052806)
0.65931 (12052806)	0.63709 (12052806)		
3748652.8	0.78754 (12052806)	0.75736 (12052806)	0.72913 (12052806)
0.70263 (12052806)	0.67766 (12052806)		
3748602.8	0.84712 (12052806)	0.81258 (12052806)	0.78045 (12052806)
0.75043 (12052806)	0.72229 (12052806)		
3748552.8	0.91409 (12052806)	0.87436 (12052806)	0.83762 (12052806)

0.80348 (12052806)	0.77163 (12052806)	
3748502.8 0.98999 (12052806)	0.94400 (12052806)	0.90174 (12052806)
0.86270 (12052806)	0.82649 (12052806)	
3748452.8 1.07683 (12052806)	1.02317 (12052806)	0.97422 (12052806)
0.92930 (12052806)	0.88789 (12052806)	
3748402.8 1.17734 (12052806)	1.11411 (12052806)	1.05690 (12052806)
1.00482 (12052806)	0.95712 (12052806)	
3748352.8 1.29529 (12052806)	1.21984 (12052806)	1.15227 (12052806)
1.09129 (12052806)	1.03589 (12052806)	
3748302.8 1.43604 (12052806)	1.34461 (12052806)	1.26370 (12052806)
1.19145 (12052806)	1.12643 (12052806)	
3748252.8 1.60755 (12052806)	1.49451 (12052806)	1.39595 (12052806)
1.30908 (12052806)	1.23178 (12052806)	
3748202.8 1.82217 (12052806)	1.67871 (12052806)	1.55601 (12052806)
1.44959 (12052806)	1.35620 (12052806)	
3748152.8 2.10030 (12052806)	1.91176 (12052806)	1.75452 (12052806)
1.62098 (12052806)	1.50583 (12052806)	
3748102.8 2.47850 (12052806)	2.21824 (12052806)	2.00870 (12052806)
1.83568 (12052806)	1.68990 (12052806)	
3748052.8 3.03013 (12052806)	2.64371 (12052806)	2.34847 (12052806)
2.11425 (12052806)	1.92302 (12052806)	
3748002.8 3.93035 (12052806)	3.28435 (12052806)	2.83151 (12052806)
2.49357 (12052806)	2.22999 (12052806)	
3747952.8 5.73849 (12052806)	4.38914 (12052806)	3.58677 (12052806)
3.04782 (12052806)	2.65679 (12052806)	
3747902.8 6.07196 (12052806)	5.06569 (12052806)	4.98209 (12052806)
3.95467 (12052806)	3.30074 (12052806)	
3747852.8 4.15848 (12052806)	4.39663 (12052806)	5.53140 (12052806)
5.78799 (12052806)	4.41458 (12052806)	
3747802.8 6.22793 (12052806)	4.46007 (13052506)	4.23900 (12052806)
4.28106 (12052806)	4.98222 (12052806)	
3747752.8 4.13280 (12052806)	5.28890 (12052806)	5.19515 (12052806)
4.42289 (13052506)	4.22605 (12052806)	
3747702.8 3.14975 (12052806)	3.73464 (12052806)	4.62289 (12052806)
6.18262 (12052806)	5.77798 (12052806)	
3747652.8 2.56253 (12052806)	2.92369 (12052806)	3.41270 (12052806)
4.12194 (12052806)	5.26792 (12052806)	
3747602.8 2.16624 (12052806)	2.41481 (12052806)	2.73010 (12052806)
3.14676 (12052806)	3.73000 (12052806)	
3747552.8 1.87800 (12052806)	2.06115 (12052806)	2.28386 (12052806)
2.56219 (12052806)	2.92260 (12052806)	
3747502.8 1.65744 (12052806)	1.79882 (12052806)	1.96575 (12052806)
2.16673 (12052806)	2.41463 (12052806)	
3747452.8 1.48236 (12052806)	1.59525 (12052806)	1.72567 (12052806)
1.87858 (12052806)	2.06103 (12052806)	
3747402.8 1.33948 (12052806)	1.43195 (12052806)	1.53701 (12052806)
1.65777 (12052806)	1.79845 (12052806)	
3747352.8 1.22030 (12052806)	1.29756 (12052806)	1.38420 (12052806)
1.48226 (12052806)	1.59447 (12052806)	
3747302.8 1.11914 (12052806)	1.18472 (12052806)	1.25748 (12052806)
1.33884 (12052806)	1.43065 (12052806)	
3747252.8 1.03203 (12052806)	1.08840 (12052806)	1.15040 (12052806)
1.21905 (12052806)	1.29565 (12052806)	
3747202.8 0.95609 (12052806)	1.00506 (12052806)	1.05851 (12052806)
1.11721 (12052806)	1.18212 (12052806)	
3747152.8 0.88922 (12052806)	0.93211 (12052806)	0.97863 (12052806)
1.02937 (12052806)	1.08503 (12052806)	
3747102.8 0.82981 (12052806)	0.86764 (12052806)	0.90844 (12052806)
0.95267 (12052806)	1.00087 (12052806)	
3747052.8 0.77663 (12052806)	0.81019 (12052806)	0.84620 (12052806)
0.88502 (12052806)	0.92708 (12052806)	
3747002.8 0.72871 (12052806)	0.75861 (12052806)	0.79056 (12052806)
0.82483 (12052806)	0.86175 (12052806)	
3746952.8 0.68528 (12052806)	0.71203 (12052806)	0.74050 (12052806)
0.77088 (12052806)	0.80346 (12052806)	
3746902.8 0.64572 (12052806)	0.66973 (12052806)	0.69518 (12052806)

0.72222 (12052806) 0.75107 (12052806)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407543.32 407593.32 407643.32
407693.32 407743.32

3746852.8 | 0.60952 (12052806) 0.63114 (12052806) 0.65395 (12052806)
0.67809 (12052806) 0.70373 (12052806)
3746802.8 | 0.57628 (12052806) 0.59578 (12052806) 0.61627 (12052806)
0.63788 (12052806) 0.66072 (12052806)
3746752.8 | 0.54565 (12052806) 0.56327 (12052806) 0.58172 (12052806)
0.60110 (12052806) 0.62148 (12052806)
3746702.8 | 0.51734 (12052806) 0.53328 (12052806) 0.54992 (12052806)
0.56733 (12052806) 0.58556 (12052806)
3746652.8 | 0.49111 (12052806) 0.50555 (12052806) 0.52058 (12052806)
0.53623 (12052806) 0.55256 (12052806)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)

(METERS)	407793.32	407843.32	407893.32
407943.32	407993.32		

3748852.8	0.51967 (12052806)	0.50501 (12052806)	0.49089 (12052806)
0.47727 (12052806)	0.46412 (12052806)		
3748802.8	0.54916 (12052806)	0.53292 (12052806)	0.51732 (12052806)
0.50233 (12052806)	0.48789 (12052806)		
3748752.8	0.58117 (12052806)	0.56314 (12052806)	0.54588 (12052806)
0.52935 (12052806)	0.51348 (12052806)		
3748702.8	0.61601 (12052806)	0.59595 (12052806)	0.57684 (12052806)
0.55857 (12052806)	0.54109 (12052806)		
3748652.8	0.65407 (12052806)	0.63171 (12052806)	0.61048 (12052806)
0.59026 (12052806)	0.57098 (12052806)		
3748602.8	0.69581 (12052806)	0.67082 (12052806)	0.64718 (12052806)
0.62475 (12052806)	0.60342 (12052806)		
3748552.8	0.74180 (12052806)	0.71378 (12052806)	0.68737 (12052806)
0.66241 (12052806)	0.63876 (12052806)		
3748502.8	0.79275 (12052806)	0.76120 (12052806)	0.73159 (12052806)
0.70372 (12052806)	0.67741 (12052806)		
3748452.8	0.84952 (12052806)	0.81382 (12052806)	0.78048 (12052806)
0.74924 (12052806)	0.71986 (12052806)		
3748402.8	0.91321 (12052806)	0.87259 (12052806)	0.83486 (12052806)
0.79967 (12052806)	0.76673 (12052806)		
3748352.8	0.98525 (12052806)	0.93872 (12052806)	0.89575 (12052806)
0.85589 (12052806)	0.81876 (12052806)		
3748302.8	1.06749 (12052806)	1.01374 (12052806)	0.96444 (12052806)
0.91900 (12052806)	0.87691 (12052806)		
3748252.8	1.16241 (12052806)	1.09971 (12052806)	1.04264 (12052806)
0.99041 (12052806)	0.94235 (12052806)		
3748202.8	1.27341 (12052806)	1.19935 (12052806)	1.13259 (12052806)
1.07199 (12052806)	1.01665 (12052806)		
3748152.8	1.40527 (12052806)	1.31649 (12052806)	1.23735 (12052806)
1.16622 (12052806)	1.10183 (12052806)		
3748102.8	1.56501 (12052806)	1.45652 (12052806)	1.36116 (12052806)
1.27650 (12052806)	1.20065 (12052806)		
3748052.8	1.76332 (12052806)	1.62749 (12052806)	1.51020 (12052806)
1.40761 (12052806)	1.31690 (12052806)		
3748002.8	2.01754 (12052806)	1.84189 (12052806)	1.69369 (12052806)
1.56656 (12052806)	1.45597 (12052806)		
3747952.8	2.35781 (12052806)	2.12037 (12052806)	1.92631 (12052806)
1.76406 (12052806)	1.62590 (12052806)		
3747902.8	2.84232 (12052806)	2.50001 (12052806)	2.23286 (12052806)
2.01739 (12052806)	1.83911 (12052806)		
3747852.8	3.60146 (12052806)	3.05541 (12052806)	2.65935 (12052806)
2.35662 (12052806)	2.11617 (12052806)		
3747802.8	5.00911 (12052806)	3.96522 (12052806)	3.30297 (12052806)
2.83962 (12052806)	2.49390 (12052806)		
3747752.8	5.62977 (12052806)	5.81220 (12052806)	4.41549 (12052806)
3.59571 (12052806)	3.04630 (12052806)		
3747702.8	4.29344 (12052806)	4.11989 (12052806)	5.00485 (12052806)
4.99543 (12052806)	3.95022 (12052806)		
3747652.8	5.23071 (12052806)	5.06055 (13052506)	4.25680 (12052806)
3.93792 (12052806)	5.78017 (12052806)		
3747602.8	4.61953 (12052806)	6.17797 (12052806)	5.83792 (12052806)
4.65715 (13052506)	4.12122 (12052806)		
3747552.8	3.41228 (12052806)	4.12518 (12052806)	5.28095 (12052806)
5.46782 (12052806)	4.44400 (12052806)		
3747502.8	2.72997 (12052806)	3.14776 (12052806)	3.73367 (12052806)
4.62898 (12052806)	6.20071 (12052806)		
3747452.8	2.28348 (12052806)	2.56212 (12052806)	2.92361 (12052806)
3.41555 (12052806)	4.13309 (12052806)		
3747402.8	1.96500 (12052806)	2.16605 (12052806)	2.41468 (12052806)
2.73181 (12052806)	3.15349 (12052806)		
3747352.8	1.72450 (12052806)	1.87743 (12052806)	2.06059 (12052806)

2.28489 (12052806)	2.56760 (12052806)		
3747302.8 1.53532 (12052806)	1.65611 (12052806)	1.79749 (12052806)	
1.96590 (12052806)	2.17093 (12052806)		
3747252.8 1.38189 (12052806)	1.47994 (12052806)	1.59278 (12052806)	
1.72449 (12052806)	1.88092 (12052806)		
3747202.8 1.25443 (12052806)	1.33570 (12052806)	1.42798 (12052806)	
1.53400 (12052806)	1.65757 (12052806)		
3747152.8 1.14651 (12052806)	1.21495 (12052806)	1.29179 (12052806)	
1.37896 (12052806)	1.47903 (12052806)		
3747102.8 1.05371 (12052806)	1.11204 (12052806)	1.17692 (12052806)	
1.24972 (12052806)	1.33226 (12052806)		
3747052.8 0.97288 (12052806)	1.02306 (12052806)	1.07842 (12052806)	
1.13997 (12052806)	1.20897 (12052806)		
3747002.8 0.90172 (12052806)	0.94522 (12052806)	0.99285 (12052806)	
1.04535 (12052806)	1.10365 (12052806)		
3746952.8 0.83852 (12052806)	0.87645 (12052806)	0.91768 (12052806)	
0.96278 (12052806)	1.01243 (12052806)		
3746902.8 0.78196 (12052806)	0.81518 (12052806)	0.85107 (12052806)	
0.89003 (12052806)	0.93256 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	407793.32 407843.32	407893.32
407943.32	407993.32	

3746852.8 0.73104 (12052806)	0.76024 (12052806)	0.79159 (12052806)
0.82539 (12052806)	0.86200 (12052806)	
3746802.8 0.68493 (12052806)	0.71068 (12052806)	0.73815 (12052806)
0.76758 (12052806)	0.79921 (12052806)	
3746752.8 0.64299 (12052806)	0.66575 (12052806)	0.68989 (12052806)
0.71558 (12052806)	0.74299 (12052806)	
3746702.8 0.60471 (12052806)	0.62486 (12052806)	0.64611 (12052806)
0.66858 (12052806)	0.69240 (12052806)	
3746652.8 0.56963 (12052806)	0.58750 (12052806)	0.60625 (12052806)
0.62594 (12052806)	0.64668 (12052806)	

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 408043.32 408093.32 408143.32
408193.32 408243.32

- - - - -
- - - - -

3748852.8	0.45140 (12052806)	0.43910 (12052806)	0.42718 (12052806)
0.41563 (12052806)	0.40442 (12052806)		
3748802.8	0.47397 (12052806)	0.46053 (12052806)	0.44755 (12052806)
0.43499 (12052806)	0.42283 (12052806)		
3748752.8	0.49822 (12052806)	0.48353 (12052806)	0.46936 (12052806)
0.45570 (12052806)	0.44249 (12052806)		
3748702.8	0.52434 (12052806)	0.50825 (12052806)	0.49277 (12052806)
0.47788 (12052806)	0.46352 (12052806)		
3748652.8	0.55254 (12052806)	0.53489 (12052806)	0.51796 (12052806)
0.50170 (12052806)	0.48606 (12052806)		
3748602.8	0.58309 (12052806)	0.56369 (12052806)	0.54513 (12052806)
0.52734 (12052806)	0.51028 (12052806)		
3748552.8	0.61629 (12052806)	0.59491 (12052806)	0.57452 (12052806)
0.55503 (12052806)	0.53638 (12052806)		
3748502.8	0.65251 (12052806)	0.62888 (12052806)	0.60641 (12052806)
0.58501 (12052806)	0.56458 (12052806)		
3748452.8	0.69216 (12052806)	0.66598 (12052806)	0.64116 (12052806)
0.61758 (12052806)	0.59514 (12052806)		
3748402.8	0.73580 (12052806)	0.70667 (12052806)	0.67915 (12052806)
0.65310 (12052806)	0.62839 (12052806)		
3748352.8	0.78406 (12052806)	0.75152 (12052806)	0.72090 (12052806)
0.69201 (12052806)	0.66470 (12052806)		
3748302.8	0.83776 (12052806)	0.80122 (12052806)	0.76699 (12052806)
0.73483 (12052806)	0.70452 (12052806)		
3748252.8	0.89791 (12052806)	0.85665 (12052806)	0.81818 (12052806)
0.78220 (12052806)	0.74843 (12052806)		
3748202.8	0.96581 (12052806)	0.91890 (12052806)	0.87540 (12052806)
0.83491 (12052806)	0.79709 (12052806)		
3748152.8	1.04316 (12052806)	0.98938 (12052806)	0.93983 (12052806)
0.89398 (12052806)	0.85136 (12052806)		
3748102.8	1.13218 (12052806)	1.06994 (12052806)	1.01302 (12052806)
0.96068 (12052806)	0.91233 (12052806)		
3748052.8	1.23592 (12052806)	1.16305 (12052806)	1.09697 (12052806)
1.03669 (12052806)	0.98137 (12052806)		
3748002.8	1.35863 (12052806)	1.27207 (12052806)	1.19442 (12052806)
1.12421 (12052806)	1.06031 (12052806)		
3747952.8	1.50643 (12052806)	1.40179 (12052806)	1.30910 (12052806)
1.22624 (12052806)	1.15155 (12052806)		
3747902.8	1.68852 (12052806)	1.55914 (12052806)	1.44639 (12052806)
1.34697 (12052806)	1.25841 (12052806)		
3747852.8	1.91947 (12052806)	1.75477 (12052806)	1.61422 (12052806)
1.49243 (12052806)	1.38553 (12052806)		
3747802.8	2.22394 (12052806)	2.00584 (12052806)	1.82492 (12052806)

1.67168 (12052806)	1.53971 (12052806)	
3747752.8 2.64763 (12052806)	2.34224 (12052806)	2.09887 (12052806)
1.89907 (12052806)	1.73126 (12052806)	
3747702.8 3.28699 (12052806)	2.82145 (12052806)	2.47256 (12052806)
2.19883 (12052806)	1.97681 (12052806)	
3747652.8 4.39176 (12052806)	3.57191 (12052806)	3.01935 (12052806)
2.61577 (12052806)	2.30503 (12052806)	
3747602.8 5.13819 (12052806)	4.96055 (12052806)	3.91433 (12052806)
3.24412 (12052806)	2.77043 (12052806)	
3747552.8 4.50047 (12052806)	3.91349 (12052806)	5.71862 (12052806)
4.32600 (12052806)	3.49208 (12052806)	
3747502.8 4.02614 (12052806)	4.59020 (12052806)	4.27365 (12052806)
6.73253 (12052806)	4.79423 (12052806)	
3747452.8 5.30185 (12052806)	3.84823 (13052506)	4.20116 (12052806)
4.56464 (12052806)	5.40189 (12052806)	
3747402.8 3.74824 (12052806)	4.66776 (12052806)	6.34922 (12052806)
4.05351 (12052806)	4.26233 (12052806)	
3747352.8 2.93808 (12052806)	3.45151 (12052806)	4.22768 (12052806)
5.58559 (12052806)	5.53150 (12052806)	
3747302.8 2.42774 (12052806)	2.76198 (12052806)	3.22081 (12052806)
3.89968 (12052806)	5.02325 (12052806)	
3747252.8 2.07081 (12052806)	2.30784 (12052806)	2.61443 (12052806)
3.02976 (12052806)	3.62882 (12052806)	
3747202.8 1.80411 (12052806)	1.98160 (12052806)	2.20216 (12052806)
2.48512 (12052806)	2.86330 (12052806)	
3747152.8 1.59554 (12052806)	1.73347 (12052806)	1.89999 (12052806)
2.10584 (12052806)	2.36789 (12052806)	
3747102.8 1.42692 (12052806)	1.53696 (12052806)	1.66690 (12052806)
1.82319 (12052806)	2.01537 (12052806)	
3747052.8 1.28712 (12052806)	1.37660 (12052806)	1.48038 (12052806)
1.60251 (12052806)	1.74875 (12052806)	
3747002.8 1.16893 (12052806)	1.24272 (12052806)	1.32700 (12052806)
1.42440 (12052806)	1.53849 (12052806)	
3746952.8 1.06746 (12052806)	1.12894 (12052806)	1.19823 (12052806)
1.27704 (12052806)	1.36765 (12052806)	
3746902.8 0.97927 (12052806)	1.03091 (12052806)	1.08838 (12052806)
1.15284 (12052806)	1.22574 (12052806)	

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	408043.32	408093.32
408193.32	408243.32	408143.32

3746852.8	0.90186 (12052806)	0.94549 (12052806)	0.99350 (12052806)
1.04665 (12052806)	1.10587 (12052806)		
3746802.8	0.83337 (12052806)	0.87039 (12052806)	0.91071 (12052806)
0.95481 (12052806)	1.00328 (12052806)		
3746752.8	0.77235 (12052806)	0.80390 (12052806)	0.83790 (12052806)
0.87467 (12052806)	0.91456 (12052806)		
3746702.8	0.71771 (12052806)	0.74466 (12052806)	0.77343 (12052806)
0.80421 (12052806)	0.83720 (12052806)		
3746652.8	0.66854 (12052806)	0.69163 (12052806)	0.71604 (12052806)
0.74188 (12052806)	0.76926 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 21:09:59

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)	408293.32	408343.32	408393.32
408443.32	408493.32		

3748852.8	0.39354 (12052806)	0.38297 (12052806)	0.37270 (12052806)
0.36271 (12052806)	0.35300 (12052806)		
3748802.8	0.41105 (12052806)	0.39963 (12052806)	0.38855 (12052806)
0.37780 (12052806)	0.36736 (12052806)		
3748752.8	0.42972 (12052806)	0.41737 (12052806)	0.40541 (12052806)
0.39381 (12052806)	0.38257 (12052806)		
3748702.8	0.44966 (12052806)	0.43628 (12052806)	0.42335 (12052806)
0.41084 (12052806)	0.39873 (12052806)		
3748652.8	0.47100 (12052806)	0.45649 (12052806)	0.44249 (12052806)
0.42897 (12052806)	0.41591 (12052806)		
3748602.8	0.49389 (12052806)	0.47813 (12052806)	0.46295 (12052806)
0.44833 (12052806)	0.43422 (12052806)		
3748552.8	0.51851 (12052806)	0.50135 (12052806)	0.48488 (12052806)
0.46903 (12052806)	0.45377 (12052806)		
3748502.8	0.54505 (12052806)	0.52635 (12052806)	0.50842 (12052806)
0.49121 (12052806)	0.47468 (12052806)		
3748452.8	0.57375 (12052806)	0.55331 (12052806)	0.53377 (12052806)
0.51505 (12052806)	0.49711 (12052806)		
3748402.8	0.60489 (12052806)	0.58251 (12052806)	0.56115 (12052806)
0.54075 (12052806)	0.52122 (12052806)		
3748352.8	0.63881 (12052806)	0.61422 (12052806)	0.59082 (12052806)
0.56852 (12052806)	0.54723 (12052806)		
3748302.8	0.67590 (12052806)	0.64879 (12052806)	0.62308 (12052806)
0.59864 (12052806)	0.57537 (12052806)		
3748252.8	0.71664 (12052806)	0.68666 (12052806)	0.65830 (12052806)

0.63143 (12052806)	0.60592 (12052806)	
3748202.8 0.76164 (12052806)	0.72832 (12052806)	0.69692 (12052806)
0.66727 (12052806)	0.63921 (12052806)	
3748152.8 0.81161 (12052806)	0.77440 (12052806)	0.73949 (12052806)
0.70663 (12052806)	0.67564 (12052806)	
3748102.8 0.86747 (12052806)	0.82569 (12052806)	0.78665 (12052806)
0.75007 (12052806)	0.71570 (12052806)	
3748052.8 0.93037 (12052806)	0.88314 (12052806)	0.83923 (12052806)
0.79828 (12052806)	0.75997 (12052806)	
3748002.8 1.00182 (12052806)	0.94800 (12052806)	0.89827 (12052806)
0.85213 (12052806)	0.80919 (12052806)	
3747952.8 1.08377 (12052806)	1.02188 (12052806)	0.96508 (12052806)
0.91272 (12052806)	0.86426 (12052806)	
3747902.8 1.17886 (12052806)	1.10689 (12052806)	1.04138 (12052806)
0.98145 (12052806)	0.92635 (12052806)	
3747852.8 1.29072 (12052806)	1.20590 (12052806)	1.12946 (12052806)
1.06014 (12052806)	0.99693 (12052806)	
3747802.8 1.42452 (12052806)	1.32288 (12052806)	1.23240 (12052806)
1.15124 (12052806)	1.07794 (12052806)	
3747752.8 1.58782 (12052806)	1.46349 (12052806)	1.35450 (12052806)
1.25804 (12052806)	1.17196 (12052806)	
3747702.8 1.79231 (12052806)	1.63611 (12052806)	1.50191 (12052806)
1.38517 (12052806)	1.28253 (12052806)	
3747652.8 2.05700 (12052806)	1.85379 (12052806)	1.68385 (12052806)
1.53931 (12052806)	1.41460 (12052806)	
3747602.8 2.41524 (12052806)	2.13795 (12052806)	1.91471 (12052806)
1.73050 (12052806)	1.57541 (12052806)	
3747552.8 2.93170 (12052806)	2.52681 (12052806)	2.21861 (12052806)
1.97473 (12052806)	1.77597 (12052806)	
3747502.8 3.75227 (12052806)	3.09664 (12052806)	2.63961 (12052806)
2.29926 (12052806)	2.03405 (12052806)	
3747452.8 5.30128 (12052806)	4.02943 (12052806)	3.26940 (12052806)
2.75536 (12052806)	2.38052 (12052806)	
3747402.8 5.69815 (12052806)	5.91450 (12052806)	4.34037 (12052806)
3.45357 (12052806)	2.87467 (12052806)	
3747352.8 4.18098 (12052806)	4.12843 (12052806)	4.81379 (12052806)
4.68860 (12052806)	3.64805 (12052806)	
3747302.8 5.09323 (12052806)	4.43458 (13052506)	4.10906 (12052806)
5.25499 (12052806)	5.07293 (12052806)	
3747252.8 4.57935 (12052806)	6.36273 (12052806)	5.96751 (12052806)
4.31658 (12052806)	3.83251 (12052806)	
3747202.8 3.39846 (12052806)	4.22551 (12052806)	5.70897 (12052806)
3.90275 (12052806)	4.63377 (12052806)	
3747152.8 2.71461 (12052806)	3.19870 (12052806)	3.93050 (12052806)
5.18952 (12052806)	4.01686 (13052506)	
3747102.8 2.25836 (12052806)	2.57689 (12052806)	3.01530 (12052806)
3.66218 (12052806)	4.72734 (12052806)	
3747052.8 1.92750 (12052806)	2.15164 (12052806)	2.44185 (12052806)
2.83364 (12052806)	3.39330 (12052806)	
3747002.8 1.67425 (12052806)	1.83876 (12052806)	2.04247 (12052806)
2.30130 (12052806)	2.64036 (12052806)	
3746952.8 1.47306 (12052806)	1.59730 (12052806)	1.74591 (12052806)
1.92653 (12052806)	2.14995 (12052806)	
3746902.8 1.30890 (12052806)	1.40467 (12052806)	1.51605 (12052806)
1.64694 (12052806)	1.80238 (12052806)	

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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 ,

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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      ,
L0000027      , L0000028      , . . .      ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

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Y-COORD | X-COORD (METERS)
(METERS) |
408443.32 408293.32 408343.32 408393.32

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3746852.8 | 1.17226 (12052806) 1.24721 (12052806) 1.33235 (12052806)
1.42973 (12052806) 1.54185 (12052806)
3746802.8 | 1.05677 (12052806) 1.11609 (12052806) 1.18212 (12052806)
1.25593 (12052806) 1.33874 (12052806)
3746752.8 | 0.95797 (12052806) 1.00531 (12052806) 1.05706 (12052806)
1.11374 (12052806) 1.17588 (12052806)
3746702.8 | 0.87260 (12052806) 0.91064 (12052806) 0.95152 (12052806)
0.99543 (12052806) 1.04255 (12052806)
3746652.8 | 0.79826 (12052806) 0.82897 (12052806) 0.86144 (12052806)
0.89569 (12052806) 0.93168 (12052806)

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*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***

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          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 , . . . ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

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Y-COORD | X-COORD (METERS)
(METERS) |
408693.32 408543.32 408593.32 408643.32

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3748852.8 | 0.34355 (12052806) 0.33435 (12052806) 0.32540 (12052806)
0.31668 (12052806) 0.30819 (12052806)
3748802.8 | 0.35721 (12052806) 0.34735 (12052806) 0.33776 (12052806)
0.32845 (12052806) 0.31939 (12052806)
3748752.8 | 0.37167 (12052806) 0.36109 (12052806) 0.35082 (12052806)
0.34085 (12052806) 0.33117 (12052806)
3748702.8 | 0.38700 (12052806) 0.37564 (12052806) 0.36463 (12052806)

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0.35395 (12052806)	0.34360 (12052806)	
3748652.8 0.40329 (12052806)	0.39107 (12052806)	0.37925 (12052806)
0.36780 (12052806)	0.35671 (12052806)	
3748602.8 0.42060 (12052806)	0.40745 (12052806)	0.39475 (12052806)
0.38246 (12052806)	0.37058 (12052806)	
3748552.8 0.43906 (12052806)	0.42489 (12052806)	0.41121 (12052806)
0.39801 (12052806)	0.38527 (12052806)	
3748502.8 0.45878 (12052806)	0.44348 (12052806)	0.42874 (12052806)
0.41453 (12052806)	0.40084 (12052806)	
3748452.8 0.47988 (12052806)	0.46333 (12052806)	0.44743 (12052806)
0.43212 (12052806)	0.41739 (12052806)	
3748402.8 0.50253 (12052806)	0.48460 (12052806)	0.46740 (12052806)
0.45088 (12052806)	0.43501 (12052806)	
3748352.8 0.52689 (12052806)	0.50744 (12052806)	0.48880 (12052806)
0.47094 (12052806)	0.45381 (12052806)	
3748302.8 0.55319 (12052806)	0.53202 (12052806)	0.51179 (12052806)
0.49243 (12052806)	0.47391 (12052806)	
3748252.8 0.58166 (12052806)	0.55857 (12052806)	0.53655 (12052806)
0.51554 (12052806)	0.49546 (12052806)	
3748202.8 0.61260 (12052806)	0.58734 (12052806)	0.56331 (12052806)
0.54044 (12052806)	0.51863 (12052806)	
3748152.8 0.64635 (12052806)	0.61862 (12052806)	0.59233 (12052806)
0.56736 (12052806)	0.54362 (12052806)	
3748102.8 0.68333 (12052806)	0.65279 (12052806)	0.62391 (12052806)
0.59657 (12052806)	0.57065 (12052806)	
3748052.8 0.72404 (12052806)	0.69026 (12052806)	0.65843 (12052806)
0.62840 (12052806)	0.60000 (12052806)	
3748002.8 0.76909 (12052806)	0.73156 (12052806)	0.69634 (12052806)
0.66321 (12052806)	0.63199 (12052806)	
3747952.8 0.81926 (12052806)	0.77733 (12052806)	0.73816 (12052806)
0.70147 (12052806)	0.66702 (12052806)	
3747902.8 0.87549 (12052806)	0.82838 (12052806)	0.78458 (12052806)
0.74374 (12052806)	0.70557 (12052806)	
3747852.8 0.93900 (12052806)	0.88568 (12052806)	0.83641 (12052806)
0.79072 (12052806)	0.74820 (12052806)	
3747802.8 1.01135 (12052806)	0.95053 (12052806)	0.89471 (12052806)
0.84326 (12052806)	0.79565 (12052806)	
3747752.8 1.09458 (12052806)	1.02455 (12052806)	0.96081 (12052806)
0.90247 (12052806)	0.84882 (12052806)	
3747702.8 1.19143 (12052806)	1.10992 (12052806)	1.03643 (12052806)
0.96974 (12052806)	0.90886 (12052806)	
3747652.8 1.30569 (12052806)	1.20955 (12052806)	1.12389 (12052806)
1.04693 (12052806)	0.97727 (12052806)	
3747602.8 1.44268 (12052806)	1.32748 (12052806)	1.22630 (12052806)
1.13649 (12052806)	1.05603 (12052806)	
3747552.8 1.61025 (12052806)	1.46947 (12052806)	1.34802 (12052806)
1.24182 (12052806)	1.14782 (12052806)	
3747502.8 1.82049 (12052806)	1.64410 (12052806)	1.49536 (12052806)
1.36767 (12052806)	1.25636 (12052806)	
3747452.8 2.09318 (12052806)	1.86470 (12052806)	1.67775 (12052806)
1.52107 (12052806)	1.38702 (12052806)	
3747402.8 2.46314 (12052806)	2.15337 (12052806)	1.91017 (12052806)
1.71272 (12052806)	1.54783 (12052806)	
3747352.8 2.99875 (12052806)	2.54983 (12052806)	2.21793 (12052806)
1.96004 (12052806)	1.75146 (12052806)	
3747302.8 3.85769 (12052806)	3.13441 (12052806)	2.64792 (12052806)
2.29353 (12052806)	2.01929 (12052806)	
3747252.8 5.51978 (12052806)	4.10116 (12052806)	3.29922 (12052806)
2.77281 (12052806)	2.39081 (12052806)	
3747202.8 4.01676 (12052806)	6.07949 (12052806)	4.43001 (12052806)
3.53505 (12052806)	2.94906 (12052806)	
3747152.8 4.13883 (12052806)	6.10992 (12052806)	5.05855 (12052806)
4.99573 (12052806)	3.90603 (12052806)	
3747102.8 4.82532 (12052806)	4.00732 (13052506)	4.14945 (12052806)
5.50461 (12052806)	6.02392 (12052806)	
3747052.8 4.25803 (12052806)	5.76614 (12052806)	4.14828 (13052506)

3.94401 (12052806) 3.99076 (12052806)
3747002.8 | 3.10063 (12052806) 3.75257 (12052806) 4.74113 (12052806)
4.60859 (12052806) 4.11456 (13052506)
3746952.8 | 2.43156 (12052806) 2.79480 (12052806) 3.28112 (12052806)
3.97766 (12052806) 5.09532 (12052806)
3746902.8 | 1.98916 (12052806) 2.21700 (12052806) 2.50159 (12052806)
2.87096 (12052806) 3.37865 (12052806)
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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 408543.32 408593.32 408643.32
408693.32 408743.32

3746852.8 | 1.67191 (12052806) 1.82431 (12052806) 2.00566 (12052806)
2.22651 (12052806) 2.50431 (12052806)
3746802.8 | 1.43206 (12052806) 1.53785 (12052806) 1.65881 (12052806)
1.79884 (12052806) 1.96352 (12052806)
3746752.8 | 1.24411 (12052806) 1.31916 (12052806) 1.40190 (12052806)
1.49338 (12052806) 1.59473 (12052806)
3746702.8 | 1.09304 (12052806) 1.14697 (12052806) 1.20437 (12052806)
1.26506 (12052806) 1.32849 (12052806)
3746652.8 | 0.96931 (12052806) 1.00837 (12052806) 1.04850 (12052806)
1.08905 (12052806) 1.12898 (12052806)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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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 , . . . ,

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

Y-COORD		X-COORD (METERS)
(METERS)	408793.32	408843.32
408943.32	408993.32	408893.32

3748852.8	0.29993 (12052806)	0.29188 (12052806)	0.28405 (12052806)
0.27643 (12052806)	0.26900 (12052806)		
3748802.8	0.31057 (12052806)	0.30200 (12052806)	0.29367 (12052806)
0.28557 (12052806)	0.27769 (12052806)		
3748752.8	0.32177 (12052806)	0.31263 (12052806)	0.30376 (12052806)
0.29514 (12052806)	0.28677 (12052806)		
3748702.8	0.33355 (12052806)	0.32381 (12052806)	0.31435 (12052806)
0.30518 (12052806)	0.29629 (12052806)		
3748652.8	0.34598 (12052806)	0.33557 (12052806)	0.32549 (12052806)
0.31572 (12052806)	0.30626 (12052806)		
3748602.8	0.35909 (12052806)	0.34797 (12052806)	0.33721 (12052806)
0.32680 (12052806)	0.31672 (12052806)		
3748552.8	0.37295 (12052806)	0.36106 (12052806)	0.34956 (12052806)
0.33845 (12052806)	0.32771 (12052806)		
3748502.8	0.38763 (12052806)	0.37489 (12052806)	0.36259 (12052806)
0.35072 (12052806)	0.33927 (12052806)		
3748452.8	0.40320 (12052806)	0.38954 (12052806)	0.37637 (12052806)
0.36367 (12052806)	0.35144 (12052806)		
3748402.8	0.41975 (12052806)	0.40507 (12052806)	0.39095 (12052806)
0.37735 (12052806)	0.36427 (12052806)		
3748352.8	0.43736 (12052806)	0.42157 (12052806)	0.40641 (12052806)
0.39183 (12052806)	0.37782 (12052806)		
3748302.8	0.45616 (12052806)	0.43915 (12052806)	0.42283 (12052806)
0.40718 (12052806)	0.39216 (12052806)		
3748252.8	0.47627 (12052806)	0.45790 (12052806)	0.44032 (12052806)
0.42349 (12052806)	0.40736 (12052806)		
3748202.8	0.49783 (12052806)	0.47797 (12052806)	0.45899 (12052806)
0.44085 (12052806)	0.42350 (12052806)		
3748152.8	0.52102 (12052806)	0.49949 (12052806)	0.47896 (12052806)
0.45937 (12052806)	0.44068 (12052806)		
3748102.8	0.54603 (12052806)	0.52263 (12052806)	0.50038 (12052806)
0.47919 (12052806)	0.45900 (12052806)		
3748052.8	0.57311 (12052806)	0.54762 (12052806)	0.52342 (12052806)
0.50044 (12052806)	0.47860 (12052806)		
3748002.8	0.60252 (12052806)	0.57467 (12052806)	0.54830 (12052806)
0.52331 (12052806)	0.49961 (12052806)		
3747952.8	0.63462 (12052806)	0.60408 (12052806)	0.57525 (12052806)
0.54800 (12052806)	0.52223 (12052806)		
3747902.8	0.66979 (12052806)	0.63618 (12052806)	0.60456 (12052806)
0.57476 (12052806)	0.54664 (12052806)		
3747852.8	0.70852 (12052806)	0.67140 (12052806)	0.63658 (12052806)
0.60388 (12052806)	0.57311 (12052806)		
3747802.8	0.75143 (12052806)	0.71023 (12052806)	0.67175 (12052806)
0.63571 (12052806)	0.60192 (12052806)		
3747752.8	0.79926 (12052806)	0.75331 (12052806)	0.71057 (12052806)
0.67070 (12052806)	0.63343 (12052806)		
3747702.8	0.85298 (12052806)	0.80144 (12052806)	0.75372 (12052806)
0.70939 (12052806)	0.66810 (12052806)		
3747652.8	0.91379 (12052806)	0.85562 (12052806)	0.80203 (12052806)
0.75247 (12052806)	0.70649 (12052806)		
3747602.8	0.98333 (12052806)	0.91716 (12052806)	0.85658 (12052806)
0.80082 (12052806)	0.74932 (12052806)		
3747552.8	1.06373 (12052806)	0.98783 (12052806)	0.91879 (12052806)
0.85560 (12052806)	0.79751 (12052806)		
3747502.8	1.15798 (12052806)	1.07002 (12052806)	0.99060 (12052806)

0.91836 (12052806)	0.85229 (12052806)		
3747452.8	1.27027 (12052806)	1.16706 (12052806)	1.07468 (12052806)
0.99122 (12052806)	0.91532 (12052806)		
3747402.8	1.40681 (12052806)	1.28381 (12052806)	1.17484 (12052806)
1.07717 (12052806)	0.98892 (12052806)		
3747352.8	1.57715 (12052806)	1.42761 (12052806)	1.29675 (12052806)
1.18056 (12052806)	1.07639 (12052806)		
3747302.8	1.79689 (12052806)	1.61010 (12052806)	1.44917 (12052806)
1.30797 (12052806)	1.18258 (12052806)		
3747252.8	2.09355 (12052806)	1.85096 (12052806)	1.64636 (12052806)
1.46979 (12052806)	1.31501 (12052806)		
3747202.8	2.52062 (12052806)	2.18608 (12052806)	1.91314 (12052806)
1.68343 (12052806)	1.48584 (12052806)		
3747152.8	3.19804 (12052806)	2.68856 (12052806)	2.29653 (12052806)
1.98023 (12052806)	1.71617 (12052806)		
3747102.8	4.46290 (12052806)	3.53421 (12052806)	2.89803 (12052806)
2.42303 (12052806)	2.04619 (12052806)		
3747052.8	5.03596 (12052806)	5.29519 (12052806)	3.98747 (12052806)
3.15953 (12052806)	2.56365 (12052806)		
3747002.8	3.84992 (12052806)	3.81009 (15122816)	4.54058 (12052806)
4.64540 (12052806)	3.50614 (12052806)		
3746952.8	4.80400 (12052806)	3.80111 (13052506)	3.66528 (15122816)
3.58852 (16050618)	3.98077 (12052806)		
3746902.8	4.13614 (12052806)	5.42230 (12052806)	4.81898 (12052806)
3.38905 (12052806)	3.62387 (15122816)		

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*** 21:09:59

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	408793.32 408843.32	408893.32
408943.32	408993.32	

3746852.8	2.86880 (12052806)	3.37300 (12052806)	4.11488 (12052806)
5.39782 (13041207)	4.27357 (12052806)		
3746802.8	2.16069 (12052806)	2.40064 (12052806)	2.69557 (12052806)
3.05950 (12052806)	3.80317 (13041207)		
3746752.8	1.70675 (12052806)	1.82894 (12052806)	1.95746 (12052806)
2.08053 (12052806)	2.39328 (13041207)		
3746702.8	1.39331 (12052806)	1.45659 (12052806)	1.51251 (12052806)
1.55027 (12052806)	1.73199 (13041207)		
3746652.8	1.16652 (12052806)	1.19881 (12052806)	1.22133 (12052806)
1.22743 (12052806)	1.34561 (13041207)		

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)	409043.32	409093.32	409143.32
409193.32	409243.32		

3748852.8	0.26178 (12052806)	0.25475 (12052806)	0.24791 (12052806)
0.24125 (12052806)	0.23478 (12052806)		
3748802.8	0.27003 (12052806)	0.26258 (12052806)	0.25534 (12052806)
0.24831 (12052806)	0.24148 (12052806)		
3748752.8	0.27864 (12052806)	0.27075 (12052806)	0.26309 (12052806)
0.25565 (12052806)	0.24843 (12052806)		
3748702.8	0.28766 (12052806)	0.27929 (12052806)	0.27117 (12052806)
0.26330 (12052806)	0.25566 (12052806)		
3748652.8	0.29709 (12052806)	0.28820 (12052806)	0.27960 (12052806)
0.27126 (12052806)	0.26319 (12052806)		
3748602.8	0.30697 (12052806)	0.29753 (12052806)	0.28840 (12052806)
0.27956 (12052806)	0.27102 (12052806)		
3748552.8	0.31733 (12052806)	0.30730 (12052806)	0.29760 (12052806)
0.28823 (12052806)	0.27918 (12052806)		
3748502.8	0.32821 (12052806)	0.31753 (12052806)	0.30723 (12052806)
0.29728 (12052806)	0.28768 (12052806)		
3748452.8	0.33964 (12052806)	0.32827 (12052806)	0.31731 (12052806)
0.30674 (12052806)	0.29656 (12052806)		
3748402.8	0.35167 (12052806)	0.33955 (12052806)	0.32788 (12052806)
0.31664 (12052806)	0.30583 (12052806)		
3748352.8	0.36436 (12052806)	0.35141 (12052806)	0.33897 (12052806)
0.32701 (12052806)	0.31551 (12052806)		
3748302.8	0.37775 (12052806)	0.36391 (12052806)	0.35063 (12052806)
0.33788 (12052806)	0.32565 (12052806)		
3748252.8	0.39191 (12052806)	0.37709 (12052806)	0.36290 (12052806)
0.34930 (12052806)	0.33626 (12052806)		
3748202.8	0.40690 (12052806)	0.39103 (12052806)	0.37584 (12052806)
0.36130 (12052806)	0.34739 (12052806)		
3748152.8	0.42282 (12052806)	0.40578 (12052806)	0.38949 (12052806)
0.37394 (12052806)	0.35908 (12052806)		
3748102.8	0.43976 (12052806)	0.42142 (12052806)	0.40394 (12052806)
0.38727 (12052806)	0.37137 (12052806)		
3748052.8	0.45782 (12052806)	0.43805 (12052806)	0.41924 (12052806)
0.40134 (12052806)	0.38431 (12052806)		
3748002.8	0.47713 (12052806)	0.45578 (12052806)	0.43550 (12052806)
0.41625 (12052806)	0.39796 (12052806)		
3747952.8	0.49783 (12052806)	0.47471 (12052806)	0.45281 (12052806)

0.43205 (12052806)	0.41238 (12052806)	
3747902.8 0.52009 (12052806)	0.49500 (12052806)	0.47128 (12052806)
0.44885 (12052806)	0.42765 (12052806)	
3747852.8 0.54413 (12052806)	0.51681 (12052806)	0.49105 (12052806)
0.46676 (12052806)	0.44384 (12052806)	
3747802.8 0.57018 (12052806)	0.54034 (12052806)	0.51228 (12052806)
0.48589 (12052806)	0.46106 (12052806)	
3747752.8 0.59854 (12052806)	0.56584 (12052806)	0.53517 (12052806)
0.50640 (12052806)	0.47942 (12052806)	
3747702.8 0.62958 (12052806)	0.59358 (12052806)	0.55993 (12052806)
0.52847 (12052806)	0.49905 (12052806)	
3747652.8 0.66375 (12052806)	0.62394 (12052806)	0.58686 (12052806)
0.55230 (12052806)	0.52010 (12052806)	
3747602.8 0.70162 (12052806)	0.65737 (12052806)	0.61628 (12052806)
0.57814 (12052806)	0.54274 (12052806)	
3747552.8 0.74392 (12052806)	0.69442 (12052806)	0.64864 (12052806)
0.60631 (12052806)	0.56720 (12052806)	
3747502.8 0.79163 (12052806)	0.73582 (12052806)	0.68446 (12052806)
0.63718 (12052806)	0.59373 (12052806)	
3747452.8 0.84600 (12052806)	0.78254 (12052806)	0.72442 (12052806)
0.67123 (12052806)	0.62261 (12052806)	
3747402.8 0.90879 (12052806)	0.83585 (12052806)	0.76943 (12052806)
0.70903 (12052806)	0.65421 (12052806)	
3747352.8 0.98243 (12052806)	0.89747 (12052806)	0.82066 (12052806)
0.75134 (12052806)	0.68895 (12052806)	
3747302.8 1.07043 (12052806)	0.96985 (12052806)	0.87968 (12052806)
0.79908 (12052806)	0.72731 (12052806)	
3747252.8 1.17807 (12052806)	1.05650 (12052806)	0.94868 (12052806)
0.85347 (12052806)	0.76984 (12052806)	
3747202.8 1.31361 (12052806)	1.16271 (12052806)	1.03075 (12052806)
0.91606 (12052806)	0.81710 (12052806)	
3747152.8 1.49086 (12052806)	1.29691 (12052806)	1.13040 (12052806)
0.98879 (12052806)	0.86957 (12052806)	
3747102.8 1.73492 (12052806)	1.47338 (12052806)	1.25450 (12052806)
1.07405 (12052806)	0.92737 (12052806)	
3747052.8 2.09727 (12052806)	1.71887 (12052806)	1.41386 (12052806)
1.17422 (12052806)	0.98958 (12052806)	
3747002.8 2.70400 (12052806)	2.09046 (12052806)	1.63256 (12020617)
1.29007 (12052806)	1.05272 (12052806)	
3746952.8 3.96879 (12052806)	2.84333 (12020617)	1.91586 (12052806)
1.47153 (13090518)	1.24911 (13090518)	
3746902.8 3.46740 (16050618)	3.54508 (16112016)	2.98415 (16112016)
2.08257 (16112016)	1.59405 (13090518)	

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD | X-COORD (METERS)
(METERS) | 409043.32 409093.32 409143.32
409193.32 409243.32

3746852.8 | 3.20117 (15122816) 3.55705 (15122816) 3.55011 (13090518)
2.31196 (13090518) 1.71887 (13090518)
3746802.8 | 5.07054 (13041207) 3.92821 (15122816) 3.25558 (15122816)
2.40042 (15122816) 1.77605 (15122816)
3746752.8 | 2.80875 (13041207) 2.53376 (13041207) 2.00493 (15122816)
1.99317 (15122816) 1.76105 (15122816)
3746702.8 | 1.93304 (13041207) 1.84332 (13041207) 1.48542 (16020617)
1.38786 (14030117) 1.38871 (15122816)
3746652.8 | 1.46416 (13041207) 1.43365 (13041207) 1.20543 (16020617)
1.06360 (16020617) 1.06784 (14030117)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

DATE

GROUP ID AVERAGE CONC (YYMMDDHH) NETWORK
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID RECEPTOR (XR, YR,

ALL HIGH 1ST HIGH VALUE IS 6.80369 ON 12052806: AT (407443.32, 3748002.85,
0.00, 0.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:09:59

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS I-5 PM10\14635 OPS
I-5 PM10.ADI
**
*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**
CO STARTING
  TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
  MODELOPT DFAULT CONC
  AVERTIME 24
  URBANOPT 3010232 ORANGE_COUNTY
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "14635 OPS I-5 PM10.ERR"
CO FINISHED
**
*****
** AERMOD SOURCE PATHWAY
*****
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** -----
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 56.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.07746
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 406457.700, 3748725.328, 0.00, 3.49, 26.05
** 406540.691, 3748646.053, 0.00, 3.49, 26.05
** 406657.126, 3748523.425, 0.00, 3.49, 26.05
** 406792.140, 3748382.217, 0.00, 3.49, 26.05
** 406882.563, 3748315.329, 0.00, 3.49, 26.05
** 407205.856, 3748097.323, 0.00, 3.49, 26.05
** 407759.648, 3747730.789, 0.00, 3.49, 26.05
** 408168.639, 3747456.936, 0.00, 3.49, 26.05
** 408379.847, 3747296.740, 0.00, 3.49, 26.05
** 408561.521, 3747151.759, 0.00, 3.49, 26.05
** 408608.058, 3747115.066, 0.00, 3.49, 26.05
** 408910.550, 3746935.181, 0.00, 3.49, 26.05
** 409113.703, 3746832.263, 0.00, 3.49, 26.05
** -----
  LOCATION L0000001      VOLUME  406477.947 3748705.987 0.0
  LOCATION L0000002      VOLUME  406518.441 3748667.306 0.0
  LOCATION L0000003      VOLUME  406558.064 3748627.756 0.0
  LOCATION L0000004      VOLUME  406596.623 3748587.146 0.0

```

LOCATION	L0000005	VOLUME	406635.182	3748546.536	0.0
LOCATION	L0000006	VOLUME	406673.802	3748505.983	0.0
LOCATION	L0000007	VOLUME	406712.502	3748465.508	0.0
LOCATION	L0000008	VOLUME	406751.203	3748425.032	0.0
LOCATION	L0000009	VOLUME	406789.903	3748384.557	0.0
LOCATION	L0000010	VOLUME	406834.559	3748350.839	0.0
LOCATION	L0000011	VOLUME	406879.580	3748317.535	0.0
LOCATION	L0000012	VOLUME	406925.917	3748286.094	0.0
LOCATION	L0000013	VOLUME	406972.347	3748254.785	0.0
LOCATION	L0000014	VOLUME	407018.777	3748223.476	0.0
LOCATION	L0000015	VOLUME	407065.206	3748192.167	0.0
LOCATION	L0000016	VOLUME	407111.636	3748160.858	0.0
LOCATION	L0000017	VOLUME	407158.066	3748129.549	0.0
LOCATION	L0000018	VOLUME	407204.496	3748098.240	0.0
LOCATION	L0000019	VOLUME	407251.187	3748067.320	0.0
LOCATION	L0000020	VOLUME	407297.885	3748036.413	0.0
LOCATION	L0000021	VOLUME	407344.583	3748005.505	0.0
LOCATION	L0000022	VOLUME	407391.281	3747974.597	0.0
LOCATION	L0000023	VOLUME	407437.979	3747943.690	0.0
LOCATION	L0000024	VOLUME	407484.677	3747912.782	0.0
LOCATION	L0000025	VOLUME	407531.375	3747881.874	0.0
LOCATION	L0000026	VOLUME	407578.074	3747850.967	0.0
LOCATION	L0000027	VOLUME	407624.772	3747820.059	0.0
LOCATION	L0000028	VOLUME	407671.470	3747789.151	0.0
LOCATION	L0000029	VOLUME	407718.168	3747758.244	0.0
LOCATION	L0000030	VOLUME	407764.848	3747727.308	0.0
LOCATION	L0000031	VOLUME	407811.380	3747696.151	0.0
LOCATION	L0000032	VOLUME	407857.912	3747664.994	0.0
LOCATION	L0000033	VOLUME	407904.444	3747633.837	0.0
LOCATION	L0000034	VOLUME	407950.976	3747602.679	0.0
LOCATION	L0000035	VOLUME	407997.508	3747571.522	0.0
LOCATION	L0000036	VOLUME	408044.040	3747540.365	0.0
LOCATION	L0000037	VOLUME	408090.572	3747509.208	0.0
LOCATION	L0000038	VOLUME	408137.104	3747478.051	0.0
LOCATION	L0000039	VOLUME	408183.019	3747446.029	0.0
LOCATION	L0000040	VOLUME	408227.637	3747412.187	0.0
LOCATION	L0000041	VOLUME	408272.255	3747378.346	0.0
LOCATION	L0000042	VOLUME	408316.873	3747344.504	0.0
LOCATION	L0000043	VOLUME	408361.491	3747310.663	0.0
LOCATION	L0000044	VOLUME	408405.610	3747276.180	0.0
LOCATION	L0000045	VOLUME	408449.381	3747241.250	0.0
LOCATION	L0000046	VOLUME	408493.151	3747206.320	0.0
LOCATION	L0000047	VOLUME	408536.922	3747171.389	0.0
LOCATION	L0000048	VOLUME	408580.782	3747136.572	0.0
LOCATION	L0000049	VOLUME	408626.336	3747104.196	0.0
LOCATION	L0000050	VOLUME	408674.468	3747075.573	0.0
LOCATION	L0000051	VOLUME	408722.601	3747046.950	0.0
LOCATION	L0000052	VOLUME	408770.733	3747018.327	0.0
LOCATION	L0000053	VOLUME	408818.865	3746989.704	0.0
LOCATION	L0000054	VOLUME	408866.997	3746961.081	0.0
LOCATION	L0000055	VOLUME	408915.303	3746932.774	0.0
LOCATION	L0000056	VOLUME	408965.258	3746907.466	0.0
LOCATION	L0000057	VOLUME	409015.214	3746882.158	0.0
LOCATION	L0000058	VOLUME	409065.169	3746856.850	0.0
** END OF LINE VOLUME SOURCE ID = SLINE1					
** SOURCE PARAMETERS **					
** LINE VOLUME SOURCE ID = SLINE1					
SRCPARAM	L0000001	0.0013355172	3.49	26.05	3.25
SRCPARAM	L0000002	0.0013355172	3.49	26.05	3.25
SRCPARAM	L0000003	0.0013355172	3.49	26.05	3.25
SRCPARAM	L0000004	0.0013355172	3.49	26.05	3.25
SRCPARAM	L0000005	0.0013355172	3.49	26.05	3.25
SRCPARAM	L0000006	0.0013355172	3.49	26.05	3.25
SRCPARAM	L0000007	0.0013355172	3.49	26.05	3.25
SRCPARAM	L0000008	0.0013355172	3.49	26.05	3.25
SRCPARAM	L0000009	0.0013355172	3.49	26.05	3.25

[illegible]

```

URBANSRC  ALL
SRCGROUP  ALL

```

```

**
*****
**  AERMOD RECEPTOR PATHWAY
*****
**
**

```

GRIDCART UCART1 STA

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00

GRIDCART UCART1 END

RE FINISHED

**

** AERMOD METEOROLOGY PATHWAY

**

**

ME STARTING

SURFFILE KFUL_V9_ADJU\KFUL_V9.SFC

PROFFILE KFUL_V9_ADJU\KFUL_V9.PFL

SURFDATA 3166 2012

UAIRDATA 3190 2012

PROFBASE 29.0 METERS

ME FINISHED

**

** AERMOD OUTPUT PATHWAY

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 24 1ST

** AUTO-GENERATED PLOTFILES

PLOTFILE 24 ALL 1ST "14635 OPS I-5 PM10.AD\24H1GALL.PLT" 31

SUMMFILE "14635 OPS I-5 PM10.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 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 58 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 58 Source(s); 1 Source Group(s); and 2700 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 58 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 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) = 29.00 ; Decay Coef. =
0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

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

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14635 OPS I-5

PM10.ERR

**File for Summary of Results: 14635 OPS I-5

PM10.SUM

FF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000001	0	0.13355E-02	406477.9	3748706.0	0.0	3.49	26.05	3.25
YES								
L0000002	0	0.13355E-02	406518.4	3748667.3	0.0	3.49	26.05	3.25
YES								
L0000003	0	0.13355E-02	406558.1	3748627.8	0.0	3.49	26.05	3.25
YES								
L0000004	0	0.13355E-02	406596.6	3748587.1	0.0	3.49	26.05	3.25
YES								
L0000005	0	0.13355E-02	406635.2	3748546.5	0.0	3.49	26.05	3.25

YES								
L0000006	0	0.13355E-02	406673.8	3748506.0	0.0	3.49	26.05	3.25
YES								
L0000007	0	0.13355E-02	406712.5	3748465.5	0.0	3.49	26.05	3.25
YES								
L0000008	0	0.13355E-02	406751.2	3748425.0	0.0	3.49	26.05	3.25
YES								
L0000009	0	0.13355E-02	406789.9	3748384.6	0.0	3.49	26.05	3.25
YES								
L0000010	0	0.13355E-02	406834.6	3748350.8	0.0	3.49	26.05	3.25
YES								
L0000011	0	0.13355E-02	406879.6	3748317.5	0.0	3.49	26.05	3.25
YES								
L0000012	0	0.13355E-02	406925.9	3748286.1	0.0	3.49	26.05	3.25
YES								
L0000013	0	0.13355E-02	406972.3	3748254.8	0.0	3.49	26.05	3.25
YES								
L0000014	0	0.13355E-02	407018.8	3748223.5	0.0	3.49	26.05	3.25
YES								
L0000015	0	0.13355E-02	407065.2	3748192.2	0.0	3.49	26.05	3.25
YES								
L0000016	0	0.13355E-02	407111.6	3748160.9	0.0	3.49	26.05	3.25
YES								
L0000017	0	0.13355E-02	407158.1	3748129.5	0.0	3.49	26.05	3.25
YES								
L0000018	0	0.13355E-02	407204.5	3748098.2	0.0	3.49	26.05	3.25
YES								
L0000019	0	0.13355E-02	407251.2	3748067.3	0.0	3.49	26.05	3.25
YES								
L0000020	0	0.13355E-02	407297.9	3748036.4	0.0	3.49	26.05	3.25
YES								
L0000021	0	0.13355E-02	407344.6	3748005.5	0.0	3.49	26.05	3.25
YES								
L0000022	0	0.13355E-02	407391.3	3747974.6	0.0	3.49	26.05	3.25
YES								
L0000023	0	0.13355E-02	407438.0	3747943.7	0.0	3.49	26.05	3.25
YES								
L0000024	0	0.13355E-02	407484.7	3747912.8	0.0	3.49	26.05	3.25
YES								
L0000025	0	0.13355E-02	407531.4	3747881.9	0.0	3.49	26.05	3.25
YES								
L0000026	0	0.13355E-02	407578.1	3747851.0	0.0	3.49	26.05	3.25
YES								
L0000027	0	0.13355E-02	407624.8	3747820.1	0.0	3.49	26.05	3.25
YES								
L0000028	0	0.13355E-02	407671.5	3747789.2	0.0	3.49	26.05	3.25
YES								
L0000029	0	0.13355E-02	407718.2	3747758.2	0.0	3.49	26.05	3.25
YES								
L0000030	0	0.13355E-02	407764.8	3747727.3	0.0	3.49	26.05	3.25
YES								
L0000031	0	0.13355E-02	407811.4	3747696.2	0.0	3.49	26.05	3.25
YES								
L0000032	0	0.13355E-02	407857.9	3747665.0	0.0	3.49	26.05	3.25
YES								
L0000033	0	0.13355E-02	407904.4	3747633.8	0.0	3.49	26.05	3.25
YES								
L0000034	0	0.13355E-02	407951.0	3747602.7	0.0	3.49	26.05	3.25
YES								
L0000035	0	0.13355E-02	407997.5	3747571.5	0.0	3.49	26.05	3.25
YES								
L0000036	0	0.13355E-02	408044.0	3747540.4	0.0	3.49	26.05	3.25
YES								
L0000037	0	0.13355E-02	408090.6	3747509.2	0.0	3.49	26.05	3.25
YES								
L0000038	0	0.13355E-02	408137.1	3747478.1	0.0	3.49	26.05	3.25

YES
L0000039 0 0.13355E-02 408183.0 3747446.0 0.0 3.49 26.05 3.25
YES
L0000040 0 0.13355E-02 408227.6 3747412.2 0.0 3.49 26.05 3.25
YES
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE						
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY							
L0000041	0	0.13355E-02	408272.3	3747378.3	0.0	3.49	26.05	3.25	
YES									
L0000042	0	0.13355E-02	408316.9	3747344.5	0.0	3.49	26.05	3.25	
YES									
L0000043	0	0.13355E-02	408361.5	3747310.7	0.0	3.49	26.05	3.25	
YES									
L0000044	0	0.13355E-02	408405.6	3747276.2	0.0	3.49	26.05	3.25	
YES									
L0000045	0	0.13355E-02	408449.4	3747241.2	0.0	3.49	26.05	3.25	
YES									
L0000046	0	0.13355E-02	408493.2	3747206.3	0.0	3.49	26.05	3.25	
YES									
L0000047	0	0.13355E-02	408536.9	3747171.4	0.0	3.49	26.05	3.25	
YES									
L0000048	0	0.13355E-02	408580.8	3747136.6	0.0	3.49	26.05	3.25	
YES									
L0000049	0	0.13355E-02	408626.3	3747104.2	0.0	3.49	26.05	3.25	
YES									
L0000050	0	0.13355E-02	408674.5	3747075.6	0.0	3.49	26.05	3.25	
YES									
L0000051	0	0.13355E-02	408722.6	3747046.9	0.0	3.49	26.05	3.25	
YES									
L0000052	0	0.13355E-02	408770.7	3747018.3	0.0	3.49	26.05	3.25	
YES									
L0000053	0	0.13355E-02	408818.9	3746989.7	0.0	3.49	26.05	3.25	
YES									
L0000054	0	0.13355E-02	408867.0	3746961.1	0.0	3.49	26.05	3.25	
YES									
L0000055	0	0.13355E-02	408915.3	3746932.8	0.0	3.49	26.05	3.25	
YES									
L0000056	0	0.13355E-02	408965.3	3746907.5	0.0	3.49	26.05	3.25	
YES									
L0000057	0	0.13355E-02	409015.2	3746882.2	0.0	3.49	26.05	3.25	
YES									
L0000058	0	0.13355E-02	409065.2	3746856.8	0.0	3.49	26.05	3.25	
YES									

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

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	,	L0000046	,
	L0000047	,	L0000048	,								
	L0000049	,	L0000050	,	L0000051	,	L0000052	,	L0000053	,	L0000054	,
	L0000055	,	L0000056	,								
	L0000057	,	L0000058	,								

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID

SOURCE IDs

	3010232.	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 ,

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

406293.3,	406343.3,	406393.3,	406443.3,	406493.3,	406543.3,	406593.3,	406643.3,
406693.3,	406743.3,						
406793.3,	406843.3,	406893.3,	406943.3,	406993.3,	407043.3,	407093.3,	407143.3,
407193.3,	407243.3,						
407293.3,	407343.3,	407393.3,	407443.3,	407493.3,	407543.3,	407593.3,	407643.3,
407693.3,	407743.3,						
407793.3,	407843.3,	407893.3,	407943.3,	407993.3,	408043.3,	408093.3,	408143.3,
408193.3,	408243.3,						
408293.3,	408343.3,	408393.3,	408443.3,	408493.3,	408543.3,	408593.3,	408643.3,
408693.3,	408743.3,						
408793.3,	408843.3,	408893.3,	408943.3,	408993.3,	409043.3,	409093.3,	409143.3,
409193.3,	409243.3,						

*** Y-COORDINATES OF GRID ***
(METERS)

3746652.8,	3746702.8,	3746752.8,	3746802.8,	3746852.8,	3746902.8,	3746952.8,	3747002.8,
3747052.8,	3747102.8,						
3747152.8,	3747202.8,	3747252.8,	3747302.8,	3747352.8,	3747402.8,	3747452.8,	3747502.8,
3747552.8,	3747602.8,						
3747652.8,	3747702.8,	3747752.8,	3747802.8,	3747852.8,	3747902.8,	3747952.8,	3748002.8,
3748052.8,	3748102.8,						
3748152.8,	3748202.8,	3748252.8,	3748302.8,	3748352.8,	3748402.8,	3748452.8,	3748502.8,
3748552.8,	3748602.8,						
3748652.8,	3748702.8,	3748752.8,	3748802.8,	3748852.8,			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32	406643.32	406693.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00

[illegible]

0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

PAGE 8

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		406293.32	406343.32	406393.32	406443.32	406493.32
406593.32		406643.32	406693.32			406543.32

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		406743.32	406793.32	406843.32	406893.32	406943.32
407043.32		407093.32	407143.32			406993.32

3748852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748652.85		0.00	0.00	0.00	0.00	0.00

[illegible]

0.00	0.00	0.00	0.00			
3748452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407493.32	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407543.32	407593.32					
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407943.32	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407993.32	408043.32					
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

21:31:17

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407943.32	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
	407993.32	408043.32				

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408393.32	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
	408443.32	408493.32				

3748852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748202.85		0.00	0.00	0.00	0.00	0.00

(METERS)	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				

3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK						
GP\14635 CONS *** 07/06/23						
*** AERMET - VERSION 16216 ***						
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32	408893.32	408943.32				

3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

*** AERMOD - VERSION 22112 ***
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***

*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		408543.32	408593.32	408643.32	408693.32	408743.32
408843.32		408893.32	408943.32			
-	-	-	-	-	-	-
-	-	-	-	-	-	-

3746852.85		0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32	406643.32	406693.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

21:31:17

Y-COORD (METERS)					X-COORD (METERS)	
406593.32	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
	406643.32	406693.32				

3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 ***
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 *** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407043.32	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
	407093.32	407143.32				

3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

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*** AERMOD - VERSION 22112 ***

GP\14635 CONS

*** 07/06/23

*** AERMET - VERSION 16216 ***

*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD						X-COORD (METERS)
(METERS)		406743.32	406793.32	406843.32	406893.32	406943.32
407043.32		407093.32	407143.32			406993.32
-	-	-	-	-	-	-
-	-	-	-	-	-	-

3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

PAGE 25
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407493.32	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

21:31:17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)						
407493.32	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
	407543.32	407593.32				

3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				

3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			

3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32		407993.32	408043.32				

3746852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD		X-COORD (METERS)					
(METERS)		408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32		408443.32	408493.32				

3748852.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748802.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748752.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748702.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748652.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748602.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748552.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748502.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748452.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748402.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748352.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748302.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748252.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748202.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748152.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748102.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748052.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3748002.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3747952.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3747902.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3747852.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3747802.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3747752.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3747702.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3747652.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				

3747602.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

 * HILL HEIGHT SCALES IN METERS *

Y-COORD							X-COORD (METERS)
(METERS)		408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32		408443.32	408493.32				

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32		408893.32	408943.32				
3748852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748702.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748652.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748602.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748552.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748502.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748452.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748402.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748352.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748302.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748252.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748202.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748152.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748102.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748052.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748002.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747952.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747902.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747702.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747652.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747602.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747552.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747502.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				

3747452.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32		408893.32	408943.32				

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		408993.32	409043.32	409093.32	409143.32	409193.32	409243.32

3748852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748252.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748202.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00 0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 408993.32 409043.32 409093.32 409143.32 409193.32 409243.32

3746852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00 0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
- - - - -	- - - - -	- - - - -
L0000001	406493.3 3748652.8	-0.69
L0000001	406443.3 3748702.8	-21.24
L0000001	406493.3 3748702.8	-40.32
L0000001	406493.3 3748752.8	-6.69
L0000002	406493.3 3748652.8	-27.02
L0000002	406543.3 3748652.8	-27.23
L0000002	406493.3 3748702.8	-12.48
L0000002	406543.3 3748702.8	-12.62
L0000003	406543.3 3748602.8	-27.06
L0000003	406593.3 3748602.8	-12.84
L0000003	406543.3 3748652.8	-26.90
L0000003	406593.3 3748652.8	-12.73
L0000004	406593.3 3748552.8	-21.55
L0000004	406543.3 3748602.8	-0.44
L0000004	406593.3 3748602.8	-39.96
L0000004	406643.3 3748602.8	-6.74
L0000005	406643.3 3748502.8	-11.57
L0000005	406593.3 3748552.8	-13.67
L0000005	406643.3 3748552.8	-45.71
L0000005	406643.3 3748602.8	0.89
L0000006	406693.3 3748452.8	0.60
L0000006	406643.3 3748502.8	-25.36
L0000006	406693.3 3748502.8	-36.24
L0000006	406643.3 3748552.8	-0.10
L0000006	406693.3 3748552.8	-5.24
L0000007	406693.3 3748452.8	-33.03
L0000007	406743.3 3748452.8	-22.69
L0000007	406693.3 3748502.8	-14.03
L0000007	406743.3 3748502.8	-7.59
L0000008	406743.3 3748402.8	-32.47
L0000008	406793.3 3748402.8	-8.41
L0000008	406743.3 3748452.8	-27.09
L0000008	406793.3 3748452.8	-5.53
L0000009	406743.3 3748352.8	0.34
L0000009	406793.3 3748352.8	-24.12
L0000009	406743.3 3748402.8	-5.96
L0000009	406793.3 3748402.8	-37.40
L0000009	406843.3 3748402.8	0.45
L0000010	406843.3 3748302.8	-7.23
L0000010	406793.3 3748352.8	-14.72

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*

LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000010	406843.3 3748352.8	-47.02
L0000010	406843.3 3748402.8	-3.26
L0000011	406843.3 3748302.8	-16.89
L0000011	406893.3 3748302.8	-35.90
L0000011	406843.3 3748352.8	-5.39
L0000011	406893.3 3748352.8	-18.11
L0000012	406893.3 3748252.8	-9.45
L0000012	406943.3 3748252.8	-18.48
L0000012	406893.3 3748302.8	-19.36
L0000012	406943.3 3748302.8	-31.85
L0000013	406993.3 3748202.8	0.00
L0000013	406943.3 3748252.8	-26.92
L0000013	406993.3 3748252.8	-34.95
L0000013	406943.3 3748302.8	0.14
L0000013	406993.3 3748302.8	-3.57
L0000014	406993.3 3748202.8	-23.24
L0000014	407043.3 3748202.8	-23.95
L0000014	406993.3 3748252.8	-17.14
L0000014	407043.3 3748252.8	-17.73
L0000015	407043.3 3748152.8	-11.01
L0000015	407093.3 3748152.8	-7.67
L0000015	407043.3 3748202.8	-31.65
L0000015	407093.3 3748202.8	-25.93
L0000016	407093.3 3748152.8	-36.02
L0000016	407143.3 3748152.8	-23.33
L0000016	407093.3 3748202.8	-10.19
L0000016	407143.3 3748202.8	-3.40
L0000017	407143.3 3748102.8	-25.51
L0000017	407193.3 3748102.8	-11.78
L0000017	407143.3 3748152.8	-28.43
L0000017	407193.3 3748152.8	-13.75
L0000018	407193.3 3748052.8	-9.26
L0000018	407193.3 3748102.8	-43.92
L0000018	407243.3 3748102.8	-16.91
L0000018	407193.3 3748152.8	-0.27
L0000019	407243.3 3748052.8	-39.54
L0000019	407293.3 3748052.8	-11.46
L0000019	407243.3 3748102.8	-19.62
L0000019	407293.3 3748102.8	-0.89
L0000020	407293.3 3748002.8	-22.14

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
* LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000020	407343.3 3748002.8	0.48
L0000020	407243.3 3748052.8	0.98

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*** AERMOT - VERSION 22112 ***      C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      07/06/23
*** AERMET - VERSION 16216 ***
***                                     *** 21:31:17

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
  LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL
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SOURCE	- - RECEPTOR LOCATION - -		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0000029	407743.3	3747802.8	-4.80
L0000030	407743.3	3747702.8	-23.42
L0000030	407793.3	3747702.8	-18.47
L0000030	407743.3	3747752.8	-22.60
L0000030	407793.3	3747752.8	-17.76
L0000031	407793.3	3747652.8	-9.09
L0000031	407843.3	3747652.8	-2.20
L0000031	407793.3	3747702.8	-36.75
L0000031	407843.3	3747702.8	-23.37
L0000032	407843.3	3747652.8	-37.02
L0000032	407893.3	3747652.8	-18.57

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*** AERMOD - VERSION 22112 ***      C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 21:31:17
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*** MODELOPTs:      RegDFault  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
  LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL
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SOURCE	-- RECEPTOR LOCATION --		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L00000039	408193.3	3747452.8	-43.65
L00000040	408193.3	3747402.8	-20.44
L00000040	408243.3	3747402.8	-37.76
L00000040	408193.3	3747452.8	-2.80
L00000040	408243.3	3747452.8	-12.42
L00000041	408243.3	3747352.8	-17.44
L00000041	408293.3	3747352.8	-22.94
L00000041	408243.3	3747402.8	-18.09
L00000041	408293.3	3747402.8	-23.69
L00000042	408293.3	3747302.8	-8.16
L00000042	408343.3	3747302.8	-6.67
L00000042	408293.3	3747352.8	-31.02
L00000042	408343.3	3747352.8	-28.27
L00000043	408343.3	3747302.8	-36.23
L00000043	408393.3	3747302.8	-23.23
L00000043	408343.3	3747352.8	-10.07
L00000043	408393.3	3747352.8	-3.16
L00000044	408393.3	3747252.8	-29.64
L00000044	408443.3	3747252.8	-11.66
L00000044	408393.3	3747302.8	-26.64

L0000044	408443.3	3747302.8	-9.82
L0000045	408443.3	3747202.8	-17.13
L0000045	408443.3	3747252.8	-42.92
L0000045	408493.3	3747252.8	-10.56
L0000046	408493.3	3747152.8	-2.54
L0000046	408443.3	3747202.8	-6.06
L0000046	408493.3	3747202.8	-52.53
L0000046	408543.3	3747202.8	-5.72
L0000046	408493.3	3747252.8	-9.48
L0000047	408493.3	3747152.8	-8.63
L0000047	408543.3	3747152.8	-36.40
L0000047	408493.3	3747202.8	-2.24
L0000047	408543.3	3747202.8	-23.90
L0000048	408543.3	3747102.8	-5.60
L0000048	408593.3	3747102.8	-20.03
L0000048	408543.3	3747152.8	-15.16
L0000048	408593.3	3747152.8	-35.46
L0000049	408643.3	3747052.8	-1.93
L0000049	408593.3	3747102.8	-22.96
L0000049	408643.3	3747102.8	-38.97

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS ***      07/06/23
*** AERMET - VERSION 16216 ***
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21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000049	408643.3 3747152.8	-4.47
L0000050	408643.3 3747052.8	-17.45
L0000050	408693.3 3747052.8	-26.48
L0000050	408643.3 3747102.8	-14.60
L0000050	408693.3 3747102.8	-22.85
L0000051	408693.3 3747002.8	-3.07
L0000051	408743.3 3747002.8	-7.28
L0000051	408693.3 3747052.8	-26.14
L0000051	408743.3 3747052.8	-34.46
L0000052	408743.3 3747002.8	-24.53
L0000052	408793.3 3747002.8	-28.63
L0000052	408743.3 3747052.8	-11.92
L0000052	408793.3 3747052.8	-14.75
L0000053	408793.3 3746952.8	-11.17
L0000053	408843.3 3746952.8	-11.78
L0000053	408793.3 3747002.8	-27.28
L0000053	408843.3 3747002.8	-28.24
L0000054	408843.3 3746952.8	-30.94
L0000054	408893.3 3746952.8	-28.43
L0000054	408843.3 3747002.8	-7.99
L0000054	408893.3 3747002.8	-6.64
L0000055	408893.3 3746902.8	-18.88
L0000055	408943.3 3746902.8	-15.01
L0000055	408893.3 3746952.8	-26.24
L0000055	408943.3 3746952.8	-21.54
L0000056	408943.3 3746902.8	-33.59
L0000056	408993.3 3746902.8	-27.57
L0000056	408943.3 3746952.8	-5.60
L0000056	408993.3 3746952.8	-2.65

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS ***                    07/06/23
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*** AERMET - VERSION 16216 ***

* * *

* * *

21:31:17

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

[illegible]

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

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

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(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

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

Surface file:

KFUL V9 ADJU\KFUL V9.SFC

Met

```
Version: 16216
```

Profile file:

KFUL V9 ADJU\KFUL V9.PFL

Surface format:

FREE

Profile format:

FREE

Surface station no.: 3166
Name: UNKNOWN
UNKNOWN
Year: 2012

Upper air station no.: 3190
Name:
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	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96		
322.		10.1		283.8	2.0												
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52		
13.		10.1		283.1	2.0												
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
73.		10.1		282.0	2.0												
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91		
98.		10.1		281.4	2.0												
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00		
0.		10.1		280.9	2.0												
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55		
80.		10.1		280.4	2.0												
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69		
201.		10.1		280.4	2.0												
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52		
72.		10.1		280.9	2.0												
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00		
0.		10.1		285.9	2.0												
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79		
268.		10.1		289.9	2.0												
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70		
273.		10.1		294.2	2.0												
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74		
230.		10.1		297.5	2.0												
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20		
227.		10.1		300.4	2.0												
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47		
233.		10.1		300.9	2.0												
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20		
233.		10.1		302.0	2.0												
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91		
229.		10.1		298.1	2.0												
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37		
212.		10.1		294.2	2.0												
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91		
190.		10.1		292.0	2.0												
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70		
302.		10.1		289.2	2.0												
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87		
338.		10.1		288.1	2.0												
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11		
304.		10.1		287.0	2.0												
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
76.		10.1		285.4	2.0												
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62		
306.		10.1		284.9	2.0												
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82		
318.		10.1		283.8	2.0												

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)	406293.32	406343.32	406393.32
406443.32	406493.32		

3748852.8	0.19820m(13010324)	0.23038m(13010324)	0.26888m(13010324)
0.30772m(13010324)	0.33345m(13010324)		
3748802.8	0.22330m(13010324)	0.27227m(13010324)	0.34324m(13010324)
0.43302m(13010324)	0.48898m(13010324)		
3748752.8	0.24791m(13010324)	0.31873m(13010324)	0.45284m(13010324)
0.75756m(13010324)	0.49882m(13010324)		
3748702.8	0.26649m(13010324)	0.35371m(13010324)	0.54636m(13010324)
0.52787m(13010324)	0.43850m(13010324)		
3748652.8	0.27464m(13010324)	0.36178m(13010324)	0.53236m(13010324)
0.94436m(13010324)	0.63679m(13010324)		
3748602.8	0.27283m(13010324)	0.34885m(13010324)	0.47496m(13010324)
0.69870m(13010324)	1.12900m(13010324)		
3748552.8	0.26462m(13010324)	0.32779m(13010324)	0.42140m(13010324)
0.56479m(13010324)	0.79616m(13010324)		
3748502.8	0.25330m(13010324)	0.30542m(13010324)	0.37719m(13010324)
0.47819m(13010324)	0.62558m(13010324)		
3748452.8	0.24086m(13010324)	0.28416m(13010324)	0.34087m(13010324)
0.41633m(13010324)	0.51947m(13010324)		
3748402.8	0.22835m(13010324)	0.26470m(13010324)	0.31059m(13010324)
0.36926m(13010324)	0.44579m(13010324)		
3748352.8	0.21626m(13010324)	0.24709m(13010324)	0.28493m(13010324)
0.33184m(13010324)	0.39088m(13010324)		
3748302.8	0.20481m(13010324)	0.23120m(13010324)	0.26287m(13010324)
0.30115m(13010324)	0.34799m(13010324)		
3748252.8	0.19407m(13010324)	0.21685m(13010324)	0.24367m(13010324)
0.27543m(13010324)	0.31337m(13010324)		
3748202.8	0.18406m(13010324)	0.20387m(13010324)	0.22681m(13010324)
0.25351m(13010324)	0.28476m(13010324)		
3748152.8	0.17475m(13010324)	0.19209m(13010324)	0.21190m(13010324)
0.23460m(13010324)	0.26072m(13010324)		
3748102.8	0.16612m(13010324)	0.18139m(13010324)	0.19863m(13010324)
0.21813m(13010324)	0.24024m(13010324)		
3748052.8	0.15811m(13010324)	0.17164m(13010324)	0.18675m(13010324)
0.20366m(13010324)	0.22259m(13010324)		
3748002.8	0.15068m(13010324)	0.16273m(13010324)	0.17607m(13010324)
0.19085m(13010324)	0.20723m(13010324)		
3747952.8	0.14378m(13010324)	0.15457m(13010324)	0.16642m(13010324)

0.17943m(13010324)	0.19374m(13010324)	
3747902.8	0.13737m(13010324)	0.14707m(13010324)
0.16920m(13010324)	0.18180m(13010324)	0.15766m(13010324)
3747852.8	0.13140m(13010324)	0.14017m(13010324)
0.15998m(13010324)	0.17115m(13010324)	0.14967m(13010324)
3747802.8	0.12583m(13010324)	0.13379m(13010324)
0.15162m(13010324)	0.16159m(13010324)	0.14237m(13010324)
3747752.8	0.12063m(13010324)	0.12788m(13010324)
0.14401m(13010324)	0.15296m(13010324)	0.13566m(13010324)
3747702.8	0.11577m(13010324)	0.12239m(13010324)
0.13704m(13010324)	0.14513m(13010324)	0.12947m(13010324)
3747652.8	0.11121m(13010324)	0.11729m(13010324)
0.13064m(13010324)	0.13797m(13010324)	0.12375m(13010324)
3747602.8	0.10693m(13010324)	0.11252m(13010324)
0.12474m(13010324)	0.13142m(13010324)	0.11845m(13010324)
3747552.8	0.10291m(13010324)	0.10806m(13010324)
0.11928m(13010324)	0.12539m(13010324)	0.11351m(13010324)
3747502.8	0.09912m(13010324)	0.10388m(13010324)
0.11421m(13010324)	0.11981m(13010324)	0.10891m(13010324)
3747452.8	0.09554m(13010324)	0.09995m(13010324)
0.10949m(13010324)	0.11464m(13010324)	0.10460m(13010324)
3747402.8	0.09215m(13010324)	0.09625m(13010324)
0.10509m(13010324)	0.10984m(13010324)	0.10056m(13010324)
3747352.8	0.08895m(13010324)	0.09276m(13010324)
0.10096m(13010324)	0.10535m(13010324)	0.09676m(13010324)
3747302.8	0.08591m(13010324)	0.08947m(13010324)
0.09709m(13010324)	0.10116m(13010324)	0.09319m(13010324)
3747252.8	0.08302m(13010324)	0.08635m(13010324)
0.09344m(13010324)	0.09723m(13010324)	0.08982m(13010324)
3747202.8	0.08028m(13010324)	0.08339m(13010324)
0.09001m(13010324)	0.09353m(13010324)	0.08663m(13010324)
3747152.8	0.07767m(13010324)	0.08058m(13010324)
0.08677m(13010324)	0.09005m(13010324)	0.08361m(13010324)
3747102.8	0.07518m(13010324)	0.07791m(13010324)
0.08370m(13010324)	0.08677m(13010324)	0.08075m(13010324)
3747052.8	0.07281m(13010324)	0.07537m(13010324)
0.08079m(13010324)	0.08366m(13010324)	0.07803m(13010324)
3747002.8	0.07054m(13010324)	0.07295m(13010324)
0.07804m(13010324)	0.08072m(13010324)	0.07545m(13010324)
3746952.8	0.06837m(13010324)	0.07064m(13010324)
0.07542m(13010324)	0.07793m(13010324)	0.07298m(13010324)
3746902.8	0.06629m(13010324)	0.06843m(13010324)
0.07292m(13010324)	0.07528m(13010324)	0.07064m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³

**

Y-COORD			X-COORD (METERS)
(METERS)			
406443.32	406293.32	406343.32	406393.32
	406493.32		

3746852.8	0.06430m(13010324)	0.06632m(13010324)	0.06840m(13010324)
0.07055m(13010324)	0.07276m(13010324)		
3746802.8	0.06240m(13010324)	0.06430m(13010324)	0.06626m(13010324)
0.06828m(13010324)	0.07037m(13010324)		
3746752.8	0.06057m(13010324)	0.06236m(13010324)	0.06421m(13010324)
0.06612m(13010324)	0.06808m(13010324)		
3746702.8	0.05882m(13010324)	0.06051m(13010324)	0.06226m(13010324)
0.06405m(13010324)	0.06590m(13010324)		
3746652.8	0.05713m(13010324)	0.05873m(13010324)	0.06038m(13010324)
0.06207m(13010324)	0.06382m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)			
406693.32	406543.32	406593.32	406643.32
	406743.32		

3748852.8	0.33788m(13010324)	0.32705m(13010324)	0.30992m(13010324)
0.29155m(13010324)	0.27407m(13010324)		
3748802.8	0.47361m(13010324)	0.43155m(13010324)	0.38982m(13010324)
0.35399m(13010324)	0.32416m(13010324)		
3748752.8	0.76338m(13010324)	0.60836m(13010324)	0.50854m(13010324)
0.43961m(13010324)	0.38928m(13010324)		
3748702.8	0.89072m(13010324)	0.92774m(13010324)	0.69133m(13010324)
0.55967m(13010324)	0.47530m(13010324)		
3748652.8	0.71163m(13010324)	1.02748m(13010324)	0.99762m(13010324)
0.73636m(13010324)	0.59253m(13010324)		
3748602.8	0.79099m(13010324)	0.84274m(13010324)	0.75108m(13010324)
1.02656m(13010324)	0.76259m(13010324)		
3748552.8	1.23030m(13010324)	0.80893m(13010324)	0.98560m(13010324)
1.15545m(13010324)	1.04060m(13010324)		
3748502.8	0.85917m(13010324)	1.30618m(13010324)	0.85780m(13010324)
0.91055m(13010324)	1.11558m(13010324)		
3748452.8	0.66797m(13010324)	0.90420m(13010324)	1.36130m(13010324)
0.95629m(13010324)	0.90870m(13010324)		
3748402.8	0.54923m(13010324)	0.69803m(13010324)	0.93667m(13010324)

1.40479m(13010324)	0.93330m(13010324)	
3748352.8	0.46713m(13010324)	0.56974m(13010324)
0.95476m(13010324)	1.03144m(13010324)	
3748302.8	0.40634m(13010324)	0.48106m(13010324)
0.72206m(13010324)	0.93964m(13010324)	
3748252.8	0.35925m(13010324)	0.41576m(13010324)
0.58007m(13010324)	0.70612m(13010324)	
3748202.8	0.32165m(13010324)	0.36569m(13010324)
0.48490m(13010324)	0.56795m(13010324)	
3748152.8	0.29094m(13010324)	0.32615m(13010324)
0.41675m(13010324)	0.47605m(13010324)	
3748102.8	0.26540m(13010324)	0.29417m(13010324)
0.36551m(13010324)	0.41025m(13010324)	
3748052.8	0.24385m(13010324)	0.26779m(13010324)
0.32555m(13010324)	0.36067m(13010324)	
3748002.8	0.22542m(13010324)	0.24565m(13010324)
0.29346m(13010324)	0.32186m(13010324)	
3747952.8	0.20948m(13010324)	0.22681m(13010324)
0.26709m(13010324)	0.29059m(13010324)	
3747902.8	0.19555m(13010324)	0.21057m(13010324)
0.24501m(13010324)	0.26481m(13010324)	
3747852.8	0.18327m(13010324)	0.19641m(13010324)
0.22622m(13010324)	0.24316m(13010324)	
3747802.8	0.17235m(13010324)	0.18395m(13010324)
0.21001m(13010324)	0.22468m(13010324)	
3747752.8	0.16257m(13010324)	0.17289m(13010324)
0.19588m(13010324)	0.20871m(13010324)	
3747702.8	0.15376m(13010324)	0.16300m(13010324)
0.18343m(13010324)	0.19475m(13010324)	
3747652.8	0.14578m(13010324)	0.15409m(13010324)
0.17237m(13010324)	0.18244m(13010324)	
3747602.8	0.13850m(13010324)	0.14602m(13010324)
0.16247m(13010324)	0.17148m(13010324)	
3747552.8	0.13184m(13010324)	0.13867m(13010324)
0.15355m(13010324)	0.16166m(13010324)	
3747502.8	0.12572m(13010324)	0.13195m(13010324)
0.14546m(13010324)	0.15280m(13010324)	
3747452.8	0.12006m(13010324)	0.12577m(13010324)
0.13809m(13010324)	0.14476m(13010324)	
3747402.8	0.11483m(13010324)	0.12007m(13010324)
0.13135m(13010324)	0.13742m(13010324)	
3747352.8	0.10996m(13010324)	0.11478m(13010324)
0.12514m(13010324)	0.13070m(13010324)	
3747302.8	0.10542m(13010324)	0.10988m(13010324)
0.11941m(13010324)	0.12452m(13010324)	
3747252.8	0.10118m(13010324)	0.10530m(13010324)
0.11411m(13010324)	0.11880m(13010324)	
3747202.8	0.09720m(13010324)	0.10103m(13010324)
0.10917m(13010324)	0.11351m(13010324)	
3747152.8	0.09347m(13010324)	0.09702m(13010324)
0.10457m(13010324)	0.10858m(13010324)	
3747102.8	0.08995m(13010324)	0.09326m(13010324)
0.10028m(13010324)	0.10399m(13010324)	
3747052.8	0.08664m(13010324)	0.08972m(13010324)
0.09625m(13010324)	0.09970m(13010324)	
3747002.8	0.08350m(13010324)	0.08638m(13010324)
0.09247m(13010324)	0.09567m(13010324)	
3746952.8	0.08054m(13010324)	0.08323m(13010324)
0.08891m(13010324)	0.09189m(13010324)	
3746902.8	0.07772m(13010324)	0.08025m(13010324)
0.08555m(13010324)	0.08833m(13010324)	


 *** AERMOD - VERSION 22112 ***
 C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³

**

Y-COORD			X-COORD (METERS)
(METERS)	406543.32	406593.32	406643.32
406693.32	406743.32		

3746852.8	0.07505m(13010324)	0.07742m(13010324)	0.07986m(13010324)
0.08238m(13010324)	0.08498m(13010324)		
3746802.8	0.07252m(13010324)	0.07473m(13010324)	0.07702m(13010324)
0.07938m(13010324)	0.08181m(13010324)		
3746752.8	0.07010m(13010324)	0.07218m(13010324)	0.07433m(13010324)
0.07654m(13010324)	0.07881m(13010324)		
3746702.8	0.06780m(13010324)	0.06976m(13010324)	0.07177m(13010324)
0.07384m(13010324)	0.07597m(13010324)		
3746652.8	0.06561m(13010324)	0.06745m(13010324)	0.06934m(13010324)
0.07128m(13010324)	0.07327m(13010324)		

 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

21:31:17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³

**

Y-COORD			X-COORD (METERS)
(METERS)	406793.32	406843.32	406893.32
406943.32	406993.32		

3748852.8	0.25815m(13010324)	0.24391m(13010324)	0.23124m(13010324)

0.21993m (13010324)	0.20981m (13010324)	
3748802.8	0.29936m (13010324)	0.27857m (13010324)
0.24584m (13010324)	0.23270m (13010324)	0.26095m (13010324)
3748752.8	0.35097m (13010324)	0.32082m (13010324)
0.27633m (13010324)	0.25933m (13010324)	0.29647m (13010324)
3748702.8	0.41640m (13010324)	0.37286m (13010324)
0.31253m (13010324)	0.29059m (13010324)	0.33929m (13010324)
3748652.8	0.50122m (13010324)	0.43806m (13010324)
0.35610m (13010324)	0.32772m (13010324)	0.39170m (13010324)
3748602.8	0.61571m (13010324)	0.52218m (13010324)
0.40962m (13010324)	0.37267m (13010324)	0.45738m (13010324)
3748552.8	0.78142m (13010324)	0.63598m (13010324)
0.47746m (13010324)	0.42857m (13010324)	0.54279m (13010324)
3748502.8	1.05189m (13010324)	0.80221m (13010324)
0.56769m (13010324)	0.50091m (13010324)	0.66059m (13010324)
3748452.8	1.13676m (13010324)	1.07956m (13010324)
0.69707m (13010324)	0.60014m (13010324)	0.83999m (13010324)
3748402.8	0.98470m (13010324)	0.86035m (13010324)
0.90646m (13010324)	0.74863m (13010324)	1.16770m (13010324)
3748352.8	0.89215m (13010324)	1.02809m (13010324)
1.32656m (13010324)	1.00436m (13010324)	1.29407m (13010324)
3748302.8	1.31562m (13010324)	0.88184m (13010324)
1.00106m (13010324)	1.13997m (13010324)	0.95973m (13010324)
3748252.8	0.88657m (13010324)	1.17220m (13010324)
0.94168m (13010324)	0.97017m (13010324)	1.17763m (13010324)
3748202.8	0.67597m (13010324)	0.82352m (13010324)
1.42033m (13010324)	0.94921m (13010324)	1.04229m (13010324)
3748152.8	0.54892m (13010324)	0.64115m (13010324)
0.93763m (13010324)	1.21629m (13010324)	0.76340m (13010324)
3748102.8	0.46325m (13010324)	0.52727m (13010324)
0.71043m (13010324)	0.85342m (13010324)	0.60694m (13010324)
3748052.8	0.40122m (13010324)	0.44871m (13010324)
0.57525m (13010324)	0.66436m (13010324)	0.50547m (13010324)
3748002.8	0.35405m (13010324)	0.39091m (13010324)
0.48455m (13010324)	0.54633m (13010324)	0.43376m (13010324)
3747952.8	0.31685m (13010324)	0.34642m (13010324)
0.41902m (13010324)	0.46481m (13010324)	0.38010m (13010324)
3747902.8	0.28669m (13010324)	0.31102m (13010324)
0.36922m (13010324)	0.40475m (13010324)	0.33830m (13010324)
3747852.8	0.26170m (13010324)	0.28211m (13010324)
0.32997m (13010324)	0.35847m (13010324)	0.30471m (13010324)
3747802.8	0.24062m (13010324)	0.25801m (13010324)
0.29815m (13010324)	0.32160m (13010324)	0.27708m (13010324)
3747752.8	0.22256m (13010324)	0.23757m (13010324)
0.27178m (13010324)	0.29147m (13010324)	0.25391m (13010324)
3747702.8	0.20691m (13010324)	0.22001m (13010324)
0.24954m (13010324)	0.26632m (13010324)	0.23417m (13010324)
3747652.8	0.19320m (13010324)	0.20473m (13010324)
0.23050m (13010324)	0.24500m (13010324)	0.21713m (13010324)
3747602.8	0.18107m (13010324)	0.19131m (13010324)
0.21400m (13010324)	0.22665m (13010324)	0.20225m (13010324)
3747552.8	0.17026m (13010324)	0.17940m (13010324)
0.19954m (13010324)	0.21069m (13010324)	0.18914m (13010324)
3747502.8	0.16055m (13010324)	0.16877m (13010324)
0.18676m (13010324)	0.19665m (13010324)	0.17749m (13010324)
3747452.8	0.15178m (13010324)	0.15920m (13010324)
0.17537m (13010324)	0.18421m (13010324)	0.16705m (13010324)
3747402.8	0.14381m (13010324)	0.15054m (13010324)
0.16515m (13010324)	0.17309m (13010324)	0.15764m (13010324)
3747352.8	0.13654m (13010324)	0.14267m (13010324)
0.15591m (13010324)	0.16308m (13010324)	0.14912m (13010324)
3747302.8	0.12986m (13010324)	0.13546m (13010324)
0.14753m (13010324)	0.15403m (13010324)	0.14135m (13010324)
3747252.8	0.12371m (13010324)	0.12885m (13010324)
0.13987m (13010324)	0.14579m (13010324)	0.13423m (13010324)
3747202.8	0.11803m (13010324)	0.12275m (13010324)
		0.12769m (13010324)

0.13285m(13010324)	0.13826m(13010324)		
3747152.8	0.11276m(13010324)	0.11711m(13010324)	0.12165m(13010324)
0.12639m(13010324)	0.13135m(13010324)		
3747102.8	0.10786m(13010324)	0.11188m(13010324)	0.11606m(13010324)
0.12042m(13010324)	0.12497m(13010324)		
3747052.8	0.10328m(13010324)	0.10700m(13010324)	0.11087m(13010324)
0.11489m(13010324)	0.11908m(13010324)		
3747002.8	0.09900m(13010324)	0.10245m(13010324)	0.10603m(13010324)
0.10975m(13010324)	0.11361m(13010324)		
3746952.8	0.09499m(13010324)	0.09819m(13010324)	0.10151m(13010324)
0.10495m(13010324)	0.10852m(13010324)		
3746902.8	0.09121m(13010324)	0.09419m(13010324)	0.09728m(13010324)
0.10047m(13010324)	0.10377m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM 10 IN
MICROGRAMS/M**3 **

Y-COORD			X-COORD (METERS)
(METERS)	406793.32	406843.32	406893.32
406943.32	406993.32		

3746852.8	0.08766m(13010324)	0.09044m(13010324)	0.09330m(13010324)
0.09627m(13010324)	0.09933m(13010324)		
3746802.8	0.08432m(13010324)	0.08690m(13010324)	0.08957m(13010324)
0.09232m(13010324)	0.09517m(13010324)		
3746752.8	0.08115m(13010324)	0.08356m(13010324)	0.08605m(13010324)
0.08861m(13010324)	0.09126m(13010324)		
3746702.8	0.07816m(13010324)	0.08041m(13010324)	0.08273m(13010324)
0.08512m(13010324)	0.08758m(13010324)		
3746652.8	0.07532m(13010324)	0.07743m(13010324)	0.07960m(13010324)
0.08182m(13010324)	0.08411m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)	407043.32	407093.32	407143.32
407193.32	407243.32		

3748852.8	0.20069m(13010324)	0.19242m(13010324)	0.18486m(13010324)
0.17791m(13010324)	0.17147m(13010324)		
3748802.8	0.22115m(13010324)	0.21088m(13010324)	0.20164m(13010324)
0.19326m(13010324)	0.18560m(13010324)		
3748752.8	0.24474m(13010324)	0.23200m(13010324)	0.22072m(13010324)
0.21063m(13010324)	0.20150m(13010324)		
3748702.8	0.27216m(13010324)	0.25636m(13010324)	0.24258m(13010324)
0.23040m(13010324)	0.21950m(13010324)		
3748652.8	0.30441m(13010324)	0.28476m(13010324)	0.26788m(13010324)
0.25312m(13010324)	0.24005m(13010324)		
3748602.8	0.34298m(13010324)	0.31839m(13010324)	0.29754m(13010324)
0.27955m(13010324)	0.26378m(13010324)		
3748552.8	0.39020m(13010324)	0.35900m(13010324)	0.33296m(13010324)
0.31076m(13010324)	0.29154m(13010324)		
3748502.8	0.44996m(13010324)	0.40943m(13010324)	0.37622m(13010324)
0.34836m(13010324)	0.32457m(13010324)		
3748452.8	0.52914m(13010324)	0.47442m(13010324)	0.43069m(13010324)
0.39480m(13010324)	0.36472m(13010324)		
3748402.8	0.64114m(13010324)	0.56249m(13010324)	0.50210m(13010324)
0.45407m(13010324)	0.41485m(13010324)		
3748352.8	0.81586m(13010324)	0.69075m(13010324)	0.60098m(13010324)
0.53306m(13010324)	0.47967m(13010324)		
3748302.8	1.13738m(13010324)	0.89964m(13010324)	0.74942m(13010324)
0.64495m(13010324)	0.56760m(13010324)		
3748252.8	1.26355m(13010324)	1.31751m(13010324)	1.00374m(13010324)
0.81885m(13010324)	0.69539m(13010324)		
3748202.8	0.96814m(13010324)	0.95077m(13010324)	1.13255m(13010324)
1.13646m(13010324)	0.90255m(13010324)		
3748152.8	1.19935m(13010324)	0.99915m(13010324)	0.96715m(13010324)
0.91176m(13010324)	1.31449m(13010324)		
3748102.8	1.06978m(13010324)	1.44925m(13010324)	1.34400m(13010324)
1.01962m(13010324)	0.94376m(13010324)		
3748052.8	0.78423m(13010324)	0.95772m(13010324)	1.23852m(13010324)
1.25140m(13010324)	1.07754m(13010324)		
3748002.8	0.62401m(13010324)	0.72602m(13010324)	0.86815m(13010324)
1.08403m(13010324)	1.45989m(13010324)		
3747952.8	0.51995m(13010324)	0.58825m(13010324)	0.67602m(13010324)
0.79440m(13010324)	0.96564m(13010324)		
3747902.8	0.44627m(13010324)	0.49577m(13010324)	0.55627m(13010324)
0.63256m(13010324)	0.73286m(13010324)		
3747852.8	0.39106m(13010324)	0.42888m(13010324)	0.47356m(13010324)
0.52753m(13010324)	0.59454m(13010324)		
3747802.8	0.34798m(13010324)	0.37798m(13010324)	0.41257m(13010324)
0.45312m(13010324)	0.50160m(13010324)		
3747752.8	0.31332m(13010324)	0.33779m(13010324)	0.36551m(13010324)
0.39728m(13010324)	0.43427m(13010324)		
3747702.8	0.28476m(13010324)	0.30517m(13010324)	0.32795m(13010324)
0.35364m(13010324)	0.38294m(13010324)		
3747652.8	0.26079m(13010324)	0.27809m(13010324)	0.29720m(13010324)

0.31846m(13010324)	0.34234m(13010324)		
3747602.8	0.24034m(13010324)	0.25523m(13010324)	0.27151m(13010324)
0.28943m(13010324)	0.30932m(13010324)		
3747552.8	0.22267m(13010324)	0.23562m(13010324)	0.24968m(13010324)
0.26502m(13010324)	0.28187m(13010324)		
3747502.8	0.20724m(13010324)	0.21861m(13010324)	0.23087m(13010324)
0.24416m(13010324)	0.25865m(13010324)		
3747452.8	0.19363m(13010324)	0.20369m(13010324)	0.21449m(13010324)
0.22612m(13010324)	0.23871m(13010324)		
3747402.8	0.18152m(13010324)	0.19049m(13010324)	0.20007m(13010324)
0.21033m(13010324)	0.22138m(13010324)		
3747352.8	0.17067m(13010324)	0.17871m(13010324)	0.18727m(13010324)
0.19639m(13010324)	0.20616m(13010324)		
3747302.8	0.16089m(13010324)	0.16814m(13010324)	0.17582m(13010324)
0.18398m(13010324)	0.19267m(13010324)		
3747252.8	0.15202m(13010324)	0.15858m(13010324)	0.16551m(13010324)
0.17285m(13010324)	0.18063m(13010324)		
3747202.8	0.14394m(13010324)	0.14990m(13010324)	0.15618m(13010324)
0.16280m(13010324)	0.16981m(13010324)		
3747152.8	0.13653m(13010324)	0.14197m(13010324)	0.14768m(13010324)
0.15369m(13010324)	0.16002m(13010324)		
3747102.8	0.12973m(13010324)	0.13470m(13010324)	0.13991m(13010324)
0.14537m(13010324)	0.15112m(13010324)		
3747052.8	0.12345m(13010324)	0.12800m(13010324)	0.13277m(13010324)
0.13775m(13010324)	0.14298m(13010324)		
3747002.8	0.11763m(13010324)	0.12182m(13010324)	0.12619m(13010324)
0.13075m(13010324)	0.13552m(13010324)		
3746952.8	0.11223m(13010324)	0.11609m(13010324)	0.12010m(13010324)
0.12428m(13010324)	0.12865m(13010324)		
3746902.8	0.10720m(13010324)	0.11076m(13010324)	0.11445m(13010324)
0.11829m(13010324)	0.12229m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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	, . . .	,		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	407043.32	407093.32
407193.32	407243.32	407143.32

3746852.8	0.10250m(13010324)	0.10579m(13010324)	0.10919m(13010324)
0.11273m(13010324)	0.11640m(13010324)		
3746802.8	0.09811m(13010324)	0.10114m(13010324)	0.10429m(13010324)
0.10755m(13010324)	0.11093m(13010324)		
3746752.8	0.09398m(13010324)	0.09680m(13010324)	0.09971m(13010324)

0.10271m(13010324) 0.10583m(13010324)
3746702.8 | 0.09011m(13010324) 0.09272m(13010324) 0.09541m(13010324)
0.09819m(13010324) 0.10106m(13010324)
3746652.8 | 0.08646m(13010324) 0.08889m(13010324) 0.09138m(13010324)
0.09395m(13010324) 0.09660m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 407293.32 407343.32 407393.32
407443.32 407493.32

3748852.8 | 0.16549m(13010324) 0.15989m(13010324) 0.15463m(13010324)
0.14967m(13010324) 0.14498m(13010324)
3748802.8 | 0.17855m(13010324) 0.17200m(13010324) 0.16591m(13010324)
0.16020m(13010324) 0.15483m(13010324)
3748752.8 | 0.19317m(13010324) 0.18551m(13010324) 0.17843m(13010324)
0.17185m(13010324) 0.16570m(13010324)
3748702.8 | 0.20964m(13010324) 0.20066m(13010324) 0.19242m(13010324)
0.18481m(13010324) 0.17774m(13010324)
3748652.8 | 0.22835m(13010324) 0.21777m(13010324) 0.20814m(13010324)
0.19930m(13010324) 0.19115m(13010324)
3748602.8 | 0.24980m(13010324) 0.23727m(13010324) 0.22594m(13010324)
0.21564m(13010324) 0.20619m(13010324)
3748552.8 | 0.27467m(13010324) 0.25971m(13010324) 0.24630m(13010324)
0.23420m(13010324) 0.22319m(13010324)
3748502.8 | 0.30396m(13010324) 0.28587m(13010324) 0.26984m(13010324)
0.25550m(13010324) 0.24257m(13010324)
3748452.8 | 0.33906m(13010324) 0.31687m(13010324) 0.29744m(13010324)
0.28025m(13010324) 0.26490m(13010324)
3748402.8 | 0.38211m(13010324) 0.35431m(13010324) 0.33034m(13010324)
0.30943m(13010324) 0.29097m(13010324)
3748352.8 | 0.43645m(13010324) 0.40064m(13010324) 0.37040m(13010324)
0.34445m(13010324) 0.32190m(13010324)
3748302.8 | 0.50774m(13010324) 0.45982m(13010324) 0.42047m(13010324)
0.38745m(13010324) 0.35929m(13010324)
3748252.8 | 0.60638m(13010324) 0.53872m(13010324) 0.48527m(13010324)
0.44180m(13010324) 0.40562m(13010324)
3748202.8 | 0.75419m(13010324) 0.65048m(13010324) 0.57326m(13010324)
0.51318m(13010324) 0.46488m(13010324)
3748152.8 | 1.00710m(13010324) 0.82435m(13010324) 0.70136m(13010324)
0.61214m(13010324) 0.54401m(13010324)
3748102.8 | 1.16009m(13010324) 1.14292m(13010324) 0.90973m(13010324)

```

*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS ***                    07/06/23

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INCLDING 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD (METERS)		X-COORD (METERS)
407293.32	407343.32	407393.32
407443.32	407493.32	

3746852.8	0.12023m(13010324)	0.12421m(13010324)	0.12837m(13010324)
0.13272m(13010324)	0.13728m(13010324)		
3746802.8	0.11444m(13010324)	0.11809m(13010324)	0.12188m(13010324)
0.12585m(13010324)	0.12999m(13010324)		
3746752.8	0.10905m(13010324)	0.11240m(13010324)	0.11587m(13010324)
0.11948m(13010324)	0.12325m(13010324)		
3746702.8	0.10403m(13010324)	0.10710m(13010324)	0.11028m(13010324)
0.11358m(13010324)	0.11701m(13010324)		
3746652.8	0.09933m(13010324)	0.10215m(13010324)	0.10507m(13010324)
0.10809m(13010324)	0.11122m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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	, . . .	,		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD (METERS)		X-COORD (METERS)
407543.32	407593.32	407643.32
407693.32	407743.32	

3748852.8	0.14053m(13010324)	0.13629m(13010324)	0.13225m(13010324)
0.12838m(13010324)	0.12468m(13010324)		
3748802.8	0.14977m(13010324)	0.14497m(13010324)	0.14042m(13010324)
0.13609m(13010324)	0.13195m(13010324)		
3748752.8	0.15993m(13010324)	0.15449m(13010324)	0.14936m(13010324)
0.14449m(13010324)	0.13987m(13010324)		
3748702.8	0.17115m(13010324)	0.16497m(13010324)	0.15916m(13010324)
0.15368m(13010324)	0.14850m(13010324)		
3748652.8	0.18359m(13010324)	0.17655m(13010324)	0.16997m(13010324)
0.16379m(13010324)	0.15796m(13010324)		
3748602.8	0.19749m(13010324)	0.18943m(13010324)	0.18194m(13010324)
0.17494m(13010324)	0.16837m(13010324)		
3748552.8	0.21312m(13010324)	0.20385m(13010324)	0.19527m(13010324)

0.18731m (13010324)	0.17988m (13010324)	
3748502.8	0.23082m (13010324)	0.22009m (13010324)
0.20112m (13010324)	0.19267m (13010324)	0.21023m (13010324)
3748452.8	0.25108m (13010324)	0.23856m (13010324)
0.21666m (13010324)	0.20700m (13010324)	0.22714m (13010324)
3748402.8	0.27454m (13010324)	0.25978m (13010324)
0.23428m (13010324)	0.22315m (13010324)	0.24643m (13010324)
3748352.8	0.30207m (13010324)	0.28446m (13010324)
0.25445m (13010324)	0.24153m (13010324)	0.26869m (13010324)
3748302.8	0.33492m (13010324)	0.31357m (13010324)
0.27783m (13010324)	0.26265m (13010324)	0.29469m (13010324)
3748252.8	0.37496m (13010324)	0.34856m (13010324)
0.30528m (13010324)	0.28724m (13010324)	0.32556m (13010324)
3748202.8	0.42506m (13010324)	0.39157m (13010324)
0.33808m (13010324)	0.31628m (13010324)	0.36292m (13010324)
3748152.8	0.49001m (13010324)	0.44598m (13010324)
0.37809m (13010324)	0.35120m (13010324)	0.40927m (13010324)
3748102.8	0.57833m (13010324)	0.51755m (13010324)
0.42821m (13010324)	0.39418m (13010324)	0.46862m (13010324)
3748052.8	0.70713m (13010324)	0.61690m (13010324)
0.49326m (13010324)	0.44861m (13010324)	0.54796m (13010324)
3748002.8	0.91714m (13010324)	0.76646m (13010324)
0.58184m (13010324)	0.52029m (13010324)	0.66075m (13010324)
3747952.8	1.33738m (13010324)	1.02401m (13010324)
0.71125m (13010324)	0.61996m (13010324)	0.83702m (13010324)
3747902.8	1.41320m (13010324)	1.18054m (13010324)
0.92281m (13010324)	0.77028m (13010324)	1.16192m (13010324)
3747852.8	0.96982m (13010324)	1.02484m (13010324)
1.34883m (13010324)	1.02994m (13010324)	1.28850m (13010324)
3747802.8	1.45047m (13010324)	0.94830m (13010324)
0.99805m (13010324)	1.16140m (13010324)	0.98852m (13010324)
3747752.8	0.96432m (13010324)	1.23316m (13010324)
0.98462m (13010324)	0.98551m (13010324)	1.21072m (13010324)
3747702.8	0.73505m (13010324)	0.87151m (13010324)
1.44005m (13010324)	1.34540m (13010324)	1.07842m (13010324)
3747652.8	0.59794m (13010324)	0.68227m (13010324)
0.96179m (13010324)	1.22830m (13010324)	0.79641m (13010324)
3747602.8	0.50540m (13010324)	0.56345m (13010324)
0.73435m (13010324)	0.87043m (13010324)	0.63707m (13010324)
3747552.8	0.43809m (13010324)	0.48086m (13010324)
0.59786m (13010324)	0.68202m (13010324)	0.53287m (13010324)
3747502.8	0.38660m (13010324)	0.41961m (13010324)
0.50552m (13010324)	0.56341m (13010324)	0.45858m (13010324)
3747452.8	0.34572m (13010324)	0.37208m (13010324)
0.43823m (13010324)	0.48083m (13010324)	0.40253m (13010324)
3747402.8	0.31237m (13010324)	0.33396m (13010324)
0.38667m (13010324)	0.41952m (13010324)	0.35848m (13010324)
3747352.8	0.28456m (13010324)	0.30259m (13010324)
0.34570m (13010324)	0.37190m (13010324)	0.32281m (13010324)
3747302.8	0.26095m (13010324)	0.27625m (13010324)
0.31222m (13010324)	0.33365m (13010324)	0.29323m (13010324)
3747252.8	0.24062m (13010324)	0.25378m (13010324)
0.28427m (13010324)	0.30214m (13010324)	0.26824m (13010324)
3747202.8	0.22291m (13010324)	0.23433m (13010324)
0.26050m (13010324)	0.27565m (13010324)	0.24680m (13010324)
3747152.8	0.20731m (13010324)	0.21731m (13010324)
0.24000m (13010324)	0.25299m (13010324)	0.22817m (13010324)
3747102.8	0.19345m (13010324)	0.20227m (13010324)
0.22211m (13010324)	0.23336m (13010324)	0.21179m (13010324)
3747052.8	0.18104m (13010324)	0.18887m (13010324)
0.20633m (13010324)	0.21614m (13010324)	0.19727m (13010324)
3747002.8	0.16987m (13010324)	0.17684m (13010324)
0.19229m (13010324)	0.20090m (13010324)	0.18429m (13010324)
3746952.8	0.15974m (13010324)	0.16598m (13010324)
0.17970m (13010324)	0.18730m (13010324)	0.17262m (13010324)
3746902.8	0.15051m (13010324)	0.15611m (13010324)
		0.16205m (13010324)

0.16835m(13010324) 0.17508m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	407543.32 407593.32	407643.32
407693.32	407743.32	

3746852.8 | 0.14207m(13010324) 0.14711m(13010324) 0.15243m(13010324)
0.15806m(13010324) 0.16404m(13010324)
3746802.8 | 0.13432m(13010324) 0.13887m(13010324) 0.14365m(13010324)
0.14868m(13010324) 0.15401m(13010324)
3746752.8 | 0.12718m(13010324) 0.13128m(13010324) 0.13559m(13010324)
0.14011m(13010324) 0.14486m(13010324)
3746702.8 | 0.12058m(13010324) 0.12429m(13010324) 0.12817m(13010324)
0.13223m(13010324) 0.13649m(13010324)
3746652.8 | 0.11446m(13010324) 0.11783m(13010324) 0.12133m(13010324)
0.12498m(13010324) 0.12879m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)

(METERS)	407793.32	407843.32	407893.32
407943.32	407993.32		

3748852.8	0.12112m(13010324)	0.11770m(13010324)	0.11441m(13010324)
0.11123m(13010324)	0.10817m(13010324)		
3748802.8	0.12800m(13010324)	0.12421m(13010324)	0.12057m(13010324)
0.11707m(13010324)	0.11371m(13010324)		
3748752.8	0.13546m(13010324)	0.13125m(13010324)	0.12723m(13010324)
0.12338m(13010324)	0.11967m(13010324)		
3748702.8	0.14358m(13010324)	0.13891m(13010324)	0.13445m(13010324)
0.13019m(13010324)	0.12611m(13010324)		
3748652.8	0.15246m(13010324)	0.14725m(13010324)	0.14229m(13010324)
0.13758m(13010324)	0.13308m(13010324)		
3748602.8	0.16219m(13010324)	0.15637m(13010324)	0.15085m(13010324)
0.14562m(13010324)	0.14065m(13010324)		
3748552.8	0.17292m(13010324)	0.16638m(13010324)	0.16022m(13010324)
0.15440m(13010324)	0.14889m(13010324)		
3748502.8	0.18480m(13010324)	0.17744m(13010324)	0.17054m(13010324)
0.16404m(13010324)	0.15790m(13010324)		
3748452.8	0.19805m(13010324)	0.18972m(13010324)	0.18194m(13010324)
0.17465m(13010324)	0.16780m(13010324)		
3748402.8	0.21290m(13010324)	0.20343m(13010324)	0.19463m(13010324)
0.18642m(13010324)	0.17873m(13010324)		
3748352.8	0.22971m(13010324)	0.21885m(13010324)	0.20883m(13010324)
0.19953m(13010324)	0.19087m(13010324)		
3748302.8	0.24890m(13010324)	0.23636m(13010324)	0.22486m(13010324)
0.21425m(13010324)	0.20443m(13010324)		
3748252.8	0.27105m(13010324)	0.25642m(13010324)	0.24310m(13010324)
0.23091m(13010324)	0.21970m(13010324)		
3748202.8	0.29695m(13010324)	0.27967m(13010324)	0.26409m(13010324)
0.24995m(13010324)	0.23703m(13010324)		
3748152.8	0.32773m(13010324)	0.30701m(13010324)	0.28854m(13010324)
0.27194m(13010324)	0.25691m(13010324)		
3748102.8	0.36502m(13010324)	0.33969m(13010324)	0.31743m(13010324)
0.29767m(13010324)	0.27997m(13010324)		
3748052.8	0.41132m(13010324)	0.37960m(13010324)	0.35222m(13010324)
0.32827m(13010324)	0.30710m(13010324)		
3748002.8	0.47068m(13010324)	0.42966m(13010324)	0.39506m(13010324)
0.36538m(13010324)	0.33956m(13010324)		
3747952.8	0.55014m(13010324)	0.49469m(13010324)	0.44937m(13010324)
0.41149m(13010324)	0.37923m(13010324)		
3747902.8	0.66327m(13010324)	0.58335m(13010324)	0.52096m(13010324)
0.47064m(13010324)	0.42902m(13010324)		
3747852.8	0.84045m(13010324)	0.71302m(13010324)	0.62055m(13010324)
0.54986m(13010324)	0.49371m(13010324)		
3747802.8	1.16820m(13010324)	0.92526m(13010324)	0.77081m(13010324)
0.66264m(13010324)	0.58192m(13010324)		
3747752.8	1.31103m(13010324)	1.35440m(13010324)	1.03015m(13010324)
0.83911m(13010324)	0.71090m(13010324)		
3747702.8	1.00108m(13010324)	0.96084m(13010324)	1.16659m(13010324)
1.16501m(13010324)	0.92177m(13010324)		
3747652.8	1.21887m(13010324)	1.04746m(13010324)	0.99260m(13010324)
0.91854m(13010324)	1.34698m(13010324)		
3747602.8	1.07764m(13010324)	1.43904m(13010324)	1.35908m(13010324)
1.06668m(13010324)	0.96113m(13010324)		
3747552.8	0.79631m(13010324)	0.96254m(13010324)	1.23132m(13010324)
1.27323m(13010324)	1.03566m(13010324)		
3747502.8	0.63704m(13010324)	0.73458m(13010324)	0.87128m(13010324)
1.07983m(13010324)	1.44427m(13010324)		
3747452.8	0.53278m(13010324)	0.59785m(13010324)	0.68226m(13010324)
0.79708m(13010324)	0.96439m(13010324)		
3747402.8	0.45841m(13010324)	0.50536m(13010324)	0.56342m(13010324)
0.63748m(13010324)	0.73592m(13010324)		
3747352.8	0.40225m(13010324)	0.43796m(13010324)	0.48073m(13010324)

0.53311m(13010324)	0.59914m(13010324)		
3747302.8	0.35809m(13010324)	0.38629m(13010324)	0.41930m(13010324)
0.45863m(13010324)	0.50650m(13010324)		
3747252.8	0.32227m(13010324)	0.34516m(13010324)	0.37151m(13010324)
0.40226m(13010324)	0.43878m(13010324)		
3747202.8	0.29252m(13010324)	0.31149m(13010324)	0.33303m(13010324)
0.35779m(13010324)	0.38664m(13010324)		
3747152.8	0.26734m(13010324)	0.28331m(13010324)	0.30125m(13010324)
0.32159m(13010324)	0.34496m(13010324)		
3747102.8	0.24569m(13010324)	0.25930m(13010324)	0.27444m(13010324)
0.29143m(13010324)	0.31070m(13010324)		
3747052.8	0.22683m(13010324)	0.23854m(13010324)	0.25146m(13010324)
0.26582m(13010324)	0.28192m(13010324)		
3747002.8	0.21023m(13010324)	0.22038m(13010324)	0.23149m(13010324)
0.24374m(13010324)	0.25734m(13010324)		
3746952.8	0.19548m(13010324)	0.20433m(13010324)	0.21395m(13010324)
0.22448m(13010324)	0.23606m(13010324)		
3746902.8	0.18229m(13010324)	0.19004m(13010324)	0.19841m(13010324)
0.20750m(13010324)	0.21743m(13010324)		

FF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	407793.32	407843.32
407943.32	407993.32	407893.32

3746852.8	0.17041m(13010324)	0.17722m(13010324)	0.18454m(13010324)
0.19242m(13010324)	0.20097m(13010324)		
3746802.8	0.15966m(13010324)	0.16566m(13010324)	0.17207m(13010324)
0.17894m(13010324)	0.18632m(13010324)		
3746752.8	0.14988m(13010324)	0.15519m(13010324)	0.16082m(13010324)
0.16681m(13010324)	0.17321m(13010324)		
3746702.8	0.14095m(13010324)	0.14565m(13010324)	0.15061m(13010324)
0.15585m(13010324)	0.16141m(13010324)		
3746652.8	0.13277m(13010324)	0.13694m(13010324)	0.14131m(13010324)
0.14591m(13010324)	0.15074m(13010324)		

FF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)	408043.32	408093.32	408143.32
408193.32	408243.32		

- - - - -
- - - - -

3748852.8	0.10520m(13010324)	0.10233m(13010324)	0.09955m(13010324)
0.09686m(13010324)	0.09425m(13010324)		
3748802.8	0.11046m(13010324)	0.10733m(13010324)	0.10430m(13010324)
0.10137m(13010324)	0.09854m(13010324)		
3748752.8	0.11612m(13010324)	0.11269m(13010324)	0.10939m(13010324)
0.10620m(13010324)	0.10312m(13010324)		
3748702.8	0.12221m(13010324)	0.11845m(13010324)	0.11485m(13010324)
0.11137m(13010324)	0.10803m(13010324)		
3748652.8	0.12878m(13010324)	0.12467m(13010324)	0.12072m(13010324)
0.11693m(13010324)	0.11328m(13010324)		
3748602.8	0.13591m(13010324)	0.13138m(13010324)	0.12705m(13010324)
0.12291m(13010324)	0.11893m(13010324)		
3748552.8	0.14365m(13010324)	0.13866m(13010324)	0.13391m(13010324)
0.12936m(13010324)	0.12501m(13010324)		
3748502.8	0.15209m(13010324)	0.14658m(13010324)	0.14134m(13010324)
0.13635m(13010324)	0.13159m(13010324)		
3748452.8	0.16134m(13010324)	0.15523m(13010324)	0.14945m(13010324)
0.14395m(13010324)	0.13872m(13010324)		
3748402.8	0.17152m(13010324)	0.16472m(13010324)	0.15831m(13010324)
0.15223m(13010324)	0.14647m(13010324)		
3748352.8	0.18278m(13010324)	0.17518m(13010324)	0.16804m(13010324)
0.16131m(13010324)	0.15494m(13010324)		
3748302.8	0.19530m(13010324)	0.18678m(13010324)	0.17879m(13010324)
0.17129m(13010324)	0.16422m(13010324)		
3748252.8	0.20933m(13010324)	0.19971m(13010324)	0.19073m(13010324)
0.18234m(13010324)	0.17446m(13010324)		
3748202.8	0.22517m(13010324)	0.21423m(13010324)	0.20408m(13010324)
0.19464m(13010324)	0.18581m(13010324)		
3748152.8	0.24322m(13010324)	0.23067m(13010324)	0.21911m(13010324)
0.20842m(13010324)	0.19847m(13010324)		
3748102.8	0.26399m(13010324)	0.24947m(13010324)	0.23619m(13010324)
0.22398m(13010324)	0.21270m(13010324)		
3748052.8	0.28820m(13010324)	0.27120m(13010324)	0.25578m(13010324)
0.24171m(13010324)	0.22881m(13010324)		
3748002.8	0.31684m(13010324)	0.29664m(13010324)	0.27852m(13010324)
0.26213m(13010324)	0.24722m(13010324)		
3747952.8	0.35134m(13010324)	0.32692m(13010324)	0.30528m(13010324)
0.28595m(13010324)	0.26852m(13010324)		
3747902.8	0.39385m(13010324)	0.36365m(13010324)	0.33733m(13010324)
0.31412m(13010324)	0.29345m(13010324)		
3747852.8	0.44778m(13010324)	0.40932m(13010324)	0.37651m(13010324)
0.34808m(13010324)	0.32313m(13010324)		
3747802.8	0.51888m(13010324)	0.46795m(13010324)	0.42571m(13010324)

0.38993m(13010324)	0.35912m(13010324)	
3747752.8	0.61782m(13010324)	0.54651m(13010324)
0.44302m(13010324)	0.40384m(13010324)	0.48968m(13010324)
3747702.8	0.76708m(13010324)	0.65841m(13010324)
0.51302m(13010324)	0.46118m(13010324)	0.57694m(13010324)
3747652.8	1.02462m(13010324)	0.83356m(13010324)
0.61039m(13010324)	0.53783m(13010324)	0.70461m(13010324)
3747602.8	1.19717m(13010324)	1.15690m(13010324)
0.75708m(13010324)	0.64650m(13010324)	0.91340m(13010324)
3747552.8	1.04872m(13010324)	0.91285m(13010324)
1.00929m(13010324)	0.81493m(13010324)	1.33271m(13010324)
3747502.8	0.93904m(13010324)	1.06938m(13010324)
1.56679m(13010324)	1.11821m(13010324)	0.99625m(13010324)
3747452.8	1.23616m(13010324)	0.89128m(13010324)
1.06339m(13010324)	1.25822m(13010324)	0.97966m(13010324)
3747402.8	0.87469m(13010324)	1.08887m(13010324)
0.94540m(13010324)	0.99381m(13010324)	1.47852m(13010324)
3747352.8	0.68564m(13010324)	0.80548m(13010324)
1.30191m(13010324)	1.28833m(13010324)	0.98643m(13010324)
3747302.8	0.56648m(13010324)	0.64453m(13010324)
0.91000m(13010324)	1.17146m(13010324)	0.75164m(13010324)
3747252.8	0.48313m(13010324)	0.53848m(13010324)
0.70705m(13010324)	0.84684m(13010324)	0.61008m(13010324)
3747202.8	0.42085m(13010324)	0.46230m(13010324)
0.57989m(13010324)	0.66820m(13010324)	0.51381m(13010324)
3747152.8	0.37216m(13010324)	0.40436m(13010324)
0.49132m(13010324)	0.55252m(13010324)	0.44325m(13010324)
3747102.8	0.33279m(13010324)	0.35849m(13010324)
0.42532m(13010324)	0.47020m(13010324)	0.38883m(13010324)
3747052.8	0.30016m(13010324)	0.32105m(13010324)
0.37380m(13010324)	0.40795m(13010324)	0.34528m(13010324)
3747002.8	0.27258m(13010324)	0.28981m(13010324)
0.33222m(13010324)	0.35886m(13010324)	0.30948m(13010324)
3746952.8	0.24890m(13010324)	0.26325m(13010324)
0.29782m(13010324)	0.31898m(13010324)	0.27943m(13010324)
3746902.8	0.22833m(13010324)	0.24038m(13010324)
0.26884m(13010324)	0.28586m(13010324)	0.25379m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	408043.32	408093.32
408193.32	408243.32	408143.32

3746852.8	0.21027m(13010324)	0.22045m(13010324)	0.23165m(13010324)
0.24406m(13010324)	0.25788m(13010324)		
3746802.8	0.19429m(13010324)	0.20293m(13010324)	0.21234m(13010324)
0.22263m(13010324)	0.23394m(13010324)		
3746752.8	0.18006m(13010324)	0.18742m(13010324)	0.19535m(13010324)
0.20393m(13010324)	0.21324m(13010324)		
3746702.8	0.16731m(13010324)	0.17360m(13010324)	0.18031m(13010324)
0.18750m(13010324)	0.19519m(13010324)		
3746652.8	0.15584m(13010324)	0.16123m(13010324)	0.16693m(13010324)
0.17296m(13010324)	0.17935m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	408293.32	408343.32
408443.32	408493.32	408393.32

3748852.8	0.09171m(13010324)	0.08925m(13010324)	0.08685m(13010324)
0.08452m(13010324)	0.08226m(13010324)		
3748802.8	0.09579m(13010324)	0.09313m(13010324)	0.09055m(13010324)
0.08804m(13010324)	0.08561m(13010324)		
3748752.8	0.10015m(13010324)	0.09727m(13010324)	0.09448m(13010324)
0.09177m(13010324)	0.08915m(13010324)		
3748702.8	0.10480m(13010324)	0.10168m(13010324)	0.09866m(13010324)
0.09574m(13010324)	0.09292m(13010324)		
3748652.8	0.10977m(13010324)	0.10639m(13010324)	0.10312m(13010324)
0.09997m(13010324)	0.09693m(13010324)		
3748602.8	0.11511m(13010324)	0.11143m(13010324)	0.10789m(13010324)
0.10448m(13010324)	0.10119m(13010324)		
3748552.8	0.12085m(13010324)	0.11685m(13010324)	0.11300m(13010324)
0.10931m(13010324)	0.10575m(13010324)		
3748502.8	0.12703m(13010324)	0.12267m(13010324)	0.11849m(13010324)
0.11448m(13010324)	0.11063m(13010324)		
3748452.8	0.13373m(13010324)	0.12896m(13010324)	0.12440m(13010324)
0.12004m(13010324)	0.11586m(13010324)		
3748402.8	0.14099m(13010324)	0.13577m(13010324)	0.13079m(13010324)
0.12603m(13010324)	0.12148m(13010324)		
3748352.8	0.14890m(13010324)	0.14316m(13010324)	0.13771m(13010324)
0.13251m(13010324)	0.12754m(13010324)		
3748302.8	0.15755m(13010324)	0.15123m(13010324)	0.14523m(13010324)
0.13953m(13010324)	0.13411m(13010324)		
3748252.8	0.16705m(13010324)	0.16006m(13010324)	0.15344m(13010324)

[illegible]

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*** THE      1ST HIGHEST 24-HR AVERAGE CONCENTRATION      VALUES FOR
SOURCE GROUP:  ALL          ***
      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      ,
L0000027      , L0000028      , . . .      ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M**3 **

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Y-COORD | X-COORD (METERS)
(METERS) |
408443.32 408293.32 408343.32 408393.32
408443.32 408493.32

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3746852.8 | 0.27338m(13010324) 0.29088m(13010324) 0.31076m(13010324)
0.33350m(13010324) 0.35968m(13010324)
3746802.8 | 0.24643m(13010324) 0.26027m(13010324) 0.27569m(13010324)
0.29292m(13010324) 0.31226m(13010324)
3746752.8 | 0.22337m(13010324) 0.23442m(13010324) 0.24651m(13010324)
0.25974m(13010324) 0.27425m(13010324)
3746702.8 | 0.20346m(13010324) 0.21233m(13010324) 0.22188m(13010324)
0.23213m(13010324) 0.24313m(13010324)
3746652.8 | 0.18611m(13010324) 0.19328m(13010324) 0.20086m(13010324)
0.20885m(13010324) 0.21726m(13010324)

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*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***

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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 , . . . ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M**3 **

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Y-COORD | X-COORD (METERS)
(METERS) |
408693.32 408543.32 408593.32 408643.32
408693.32 408743.32

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3748852.8 | 0.08006m(13010324) 0.07791m(13010324) 0.07583m(13010324)
0.07380m(13010324) 0.07182m(13010324)
3748802.8 | 0.08324m(13010324) 0.08094m(13010324) 0.07871m(13010324)
0.07654m(13010324) 0.07443m(13010324)
3748752.8 | 0.08661m(13010324) 0.08415m(13010324) 0.08175m(13010324)
0.07943m(13010324) 0.07717m(13010324)
3748702.8 | 0.09019m(13010324) 0.08754m(13010324) 0.08497m(13010324)

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0.08248m (13010324)	0.08007m (13010324)	
3748652.8	0.09398m (13010324)	0.09114m (13010324)
0.08571m (13010324)	0.08313m (13010324)	0.08838m (13010324)
3748602.8	0.09802m (13010324)	0.09495m (13010324)
0.08913m (13010324)	0.08636m (13010324)	0.09199m (13010324)
3748552.8	0.10232m (13010324)	0.09902m (13010324)
0.09275m (13010324)	0.08978m (13010324)	0.09583m (13010324)
3748502.8	0.10692m (13010324)	0.10335m (13010324)
0.09661m (13010324)	0.09341m (13010324)	0.09992m (13010324)
3748452.8	0.11184m (13010324)	0.10798m (13010324)
0.10071m (13010324)	0.09727m (13010324)	0.10427m (13010324)
3748402.8	0.11712m (13010324)	0.11294m (13010324)
0.10508m (13010324)	0.10138m (13010324)	0.10893m (13010324)
3748352.8	0.12280m (13010324)	0.11827m (13010324)
0.10976m (13010324)	0.10576m (13010324)	0.11392m (13010324)
3748302.8	0.12893m (13010324)	0.12400m (13010324)
0.11477m (13010324)	0.11045m (13010324)	0.11928m (13010324)
3748252.8	0.13557m (13010324)	0.13019m (13010324)
0.12016m (13010324)	0.11547m (13010324)	0.12505m (13010324)
3748202.8	0.14279m (13010324)	0.13690m (13010324)
0.12596m (13010324)	0.12088m (13010324)	0.13130m (13010324)
3748152.8	0.15066m (13010324)	0.14419m (13010324)
0.13224m (13010324)	0.12670m (13010324)	0.13806m (13010324)
3748102.8	0.15928m (13010324)	0.15216m (13010324)
0.13905m (13010324)	0.13301m (13010324)	0.14543m (13010324)
3748052.8	0.16878m (13010324)	0.16090m (13010324)
0.14647m (13010324)	0.13985m (13010324)	0.15348m (13010324)
3748002.8	0.17929m (13010324)	0.17053m (13010324)
0.15459m (13010324)	0.14731m (13010324)	0.16232m (13010324)
3747952.8	0.19099m (13010324)	0.18121m (13010324)
0.16352m (13010324)	0.15549m (13010324)	0.17208m (13010324)
3747902.8	0.20411m (13010324)	0.19312m (13010324)
0.17338m (13010324)	0.16448m (13010324)	0.18290m (13010324)
3747852.8	0.21893m (13010324)	0.20649m (13010324)
0.18434m (13010324)	0.17442m (13010324)	0.19500m (13010324)
3747802.8	0.23581m (13010324)	0.22162m (13010324)
0.19660m (13010324)	0.18549m (13010324)	0.20860m (13010324)
3747752.8	0.25523m (13010324)	0.23889m (13010324)
0.21041m (13010324)	0.19789m (13010324)	0.22402m (13010324)
3747702.8	0.27784m (13010324)	0.25881m (13010324)
0.22611m (13010324)	0.21190m (13010324)	0.24167m (13010324)
3747652.8	0.30450m (13010324)	0.28207m (13010324)
0.24412m (13010324)	0.22787m (13010324)	0.26208m (13010324)
3747602.8	0.33648m (13010324)	0.30959m (13010324)
0.26502m (13010324)	0.24625m (13010324)	0.28598m (13010324)
3747552.8	0.37560m (13010324)	0.34274m (13010324)
0.28961m (13010324)	0.26767m (13010324)	0.31439m (13010324)
3747502.8	0.42470m (13010324)	0.38351m (13010324)
0.31899m (13010324)	0.29301m (13010324)	0.34879m (13010324)
3747452.8	0.48838m (13010324)	0.43503m (13010324)
0.35480m (13010324)	0.32351m (13010324)	0.39138m (13010324)
3747402.8	0.57477m (13010324)	0.50244m (13010324)
0.39955m (13010324)	0.36106m (13010324)	0.44565m (13010324)
3747352.8	0.69983m (13010324)	0.59503m (13010324)
0.45731m (13010324)	0.40861m (13010324)	0.51752m (13010324)
3747302.8	0.90021m (13010324)	0.73150m (13010324)
0.53519m (13010324)	0.47115m (13010324)	0.61794m (13010324)
3747252.8	1.28654m (13010324)	0.95694m (13010324)
0.64711m (13010324)	0.55792m (13010324)	0.76998m (13010324)
3747202.8	0.93669m (13010324)	1.41609m (13010324)
0.82499m (13010324)	0.68826m (13010324)	1.03352m (13010324)
3747152.8	0.96499m (13010324)	1.42154m (13010324)
1.16497m (13010324)	0.91146m (13010324)	1.17872m (13010324)
3747102.8	1.12468m (13010324)	0.91113m (13010324)
1.28184m (13010324)	1.40283m (13010324)	0.96736m (13010324)
3747052.8	0.99338m (13010324)	1.34317m (13010324)
		0.87754m (13010324)

0.91977m(13010324) 0.93044m(13010324)
3747002.8 | 0.72362m(13010324) 0.87566m(13010324) 1.10569m(13010324)
1.07437m(13010324) 0.88722m(13010324)
3746952.8 | 0.56744m(13010324) 0.65225m(13010324) 0.76574m(13010324)
0.92809m(13010324) 1.18778m(13010324)
3746902.8 | 0.46413m(13010324) 0.51735m(13010324) 0.58381m(13010324)
0.67005m(13010324) 0.78848m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 408543.32 408593.32 408643.32
408693.32 408743.32

3746852.8 | 0.39005m(13010324) 0.42565m(13010324) 0.46801m(13010324)
0.51959m(13010324) 0.58446m(13010324)
3746802.8 | 0.33406m(13010324) 0.35876m(13010324) 0.38702m(13010324)
0.41973m(13010324) 0.45819m(13010324)
3746752.8 | 0.29018m(13010324) 0.30771m(13010324) 0.32703m(13010324)
0.34840m(13010324) 0.37208m(13010324)
3746702.8 | 0.25492m(13010324) 0.26751m(13010324) 0.28092m(13010324)
0.29509m(13010324) 0.30991m(13010324)
3746652.8 | 0.22604m(13010324) 0.23516m(13010324) 0.24453m(13010324)
0.25401m(13010324) 0.26333m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

** CONC OF PM 10 IN
MICROGRAMS/M**3 **

Y-COORD		X-COORD (METERS)
(METERS)	408793.32	408843.32
408943.32	408993.32	408893.32

3748852.8	0.06989m (13010324)	0.06802m (13010324)	0.06619m (13010324)
0.06442m (13010324)	0.06269m (13010324)		
3748802.8	0.07237m (13010324)	0.07038m (13010324)	0.06843m (13010324)
0.06655m (13010324)	0.06471m (13010324)		
3748752.8	0.07498m (13010324)	0.07285m (13010324)	0.07079m (13010324)
0.06878m (13010324)	0.06683m (13010324)		
3748702.8	0.07773m (13010324)	0.07546m (13010324)	0.07326m (13010324)
0.07112m (13010324)	0.06904m (13010324)		
3748652.8	0.08062m (13010324)	0.07820m (13010324)	0.07585m (13010324)
0.07357m (13010324)	0.07137m (13010324)		
3748602.8	0.08368m (13010324)	0.08109m (13010324)	0.07858m (13010324)
0.07616m (13010324)	0.07381m (13010324)		
3748552.8	0.08691m (13010324)	0.08414m (13010324)	0.08146m (13010324)
0.07887m (13010324)	0.07637m (13010324)		
3748502.8	0.09034m (13010324)	0.08737m (13010324)	0.08450m (13010324)
0.08173m (13010324)	0.07906m (13010324)		
3748452.8	0.09397m (13010324)	0.09078m (13010324)	0.08771m (13010324)
0.08475m (13010324)	0.08190m (13010324)		
3748402.8	0.09782m (13010324)	0.09440m (13010324)	0.09111m (13010324)
0.08794m (13010324)	0.08489m (13010324)		
3748352.8	0.10193m (13010324)	0.09825m (13010324)	0.09471m (13010324)
0.09132m (13010324)	0.08805m (13010324)		
3748302.8	0.10631m (13010324)	0.10235m (13010324)	0.09854m (13010324)
0.09490m (13010324)	0.09139m (13010324)		
3748252.8	0.11100m (13010324)	0.10672m (13010324)	0.10262m (13010324)
0.09870m (13010324)	0.09494m (13010324)		
3748202.8	0.11603m (13010324)	0.11140m (13010324)	0.10697m (13010324)
0.10274m (13010324)	0.09870m (13010324)		
3748152.8	0.12144m (13010324)	0.11642m (13010324)	0.11163m (13010324)
0.10706m (13010324)	0.10271m (13010324)		
3748102.8	0.12727m (13010324)	0.12181m (13010324)	0.11662m (13010324)
0.11168m (13010324)	0.10698m (13010324)		
3748052.8	0.13358m (13010324)	0.12764m (13010324)	0.12200m (13010324)
0.11664m (13010324)	0.11155m (13010324)		
3748002.8	0.14044m (13010324)	0.13395m (13010324)	0.12780m (13010324)
0.12197m (13010324)	0.11645m (13010324)		
3747952.8	0.14793m (13010324)	0.14081m (13010324)	0.13408m (13010324)
0.12773m (13010324)	0.12172m (13010324)		
3747902.8	0.15613m (13010324)	0.14829m (13010324)	0.14092m (13010324)
0.13397m (13010324)	0.12742m (13010324)		
3747852.8	0.16517m (13010324)	0.15651m (13010324)	0.14839m (13010324)
0.14076m (13010324)	0.13359m (13010324)		
3747802.8	0.17518m (13010324)	0.16557m (13010324)	0.15659m (13010324)
0.14819m (13010324)	0.14031m (13010324)		
3747752.8	0.18634m (13010324)	0.17562m (13010324)	0.16565m (13010324)
0.15635m (13010324)	0.14766m (13010324)		
3747702.8	0.19887m (13010324)	0.18685m (13010324)	0.17572m (13010324)
0.16538m (13010324)	0.15575m (13010324)		
3747652.8	0.21306m (13010324)	0.19949m (13010324)	0.18699m (13010324)
0.17543m (13010324)	0.16470m (13010324)		
3747602.8	0.22928m (13010324)	0.21385m (13010324)	0.19971m (13010324)
0.18671m (13010324)	0.17470m (13010324)		
3747552.8	0.24805m (13010324)	0.23034m (13010324)	0.21423m (13010324)
0.19949m (13010324)	0.18594m (13010324)		
3747502.8	0.27005m (13010324)	0.24952m (13010324)	0.23099m (13010324)

0.21414m(13010324)	0.19872m(13010324)		
3747452.8	0.29626m(13010324)	0.27217m(13010324)	0.25061m(13010324)
0.23114m(13010324)	0.21343m(13010324)		
3747402.8	0.32814m(13010324)	0.29943m(13010324)	0.27400m(13010324)
0.25120m(13010324)	0.23061m(13010324)		
3747352.8	0.36791m(13010324)	0.33300m(13010324)	0.30246m(13010324)
0.27534m(13010324)	0.25103m(13010324)		
3747302.8	0.41923m(13010324)	0.37562m(13010324)	0.33805m(13010324)
0.30509m(13010324)	0.27582m(13010324)		
3747252.8	0.48851m(13010324)	0.43186m(13010324)	0.38410m(13010324)
0.34288m(13010324)	0.30674m(13010324)		
3747202.8	0.58824m(13010324)	0.51013m(13010324)	0.44640m(13010324)
0.39277m(13010324)	0.34664m(13010324)		
3747152.8	0.74637m(13010324)	0.62747m(13010324)	0.53594m(13010324)
0.46209m(13010324)	0.40043m(13010324)		
3747102.8	1.04103m(13010324)	0.82477m(13010324)	0.67637m(13010324)
0.56549m(13010324)	0.47751m(13010324)		
3747052.8	1.17328m(13010324)	1.23406m(13010324)	0.93032m(13010324)
0.73737m(13010324)	0.59833m(13010324)		
3747002.8	0.89779m(13010324)	0.87744m(13010324)	1.05828m(13010324)
1.08310m(13010324)	0.81807m(13010324)		
3746952.8	1.11942m(13010324)	0.86774m(13010324)	0.84624m(13010324)
0.79071m(13010324)	0.92782m(13010324)		
3746902.8	0.96489m(13010324)	1.26309m(13010324)	1.12230m(13010324)
0.79009m(13010324)	0.71437m(13010324)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	408793.32 408843.32	408893.32
408943.32	408993.32	

3746852.8	0.66954m(13010324)	0.78711m(13010324)	0.95969m(13010324)
1.23713m(13010324)	0.99466m(13010324)		
3746802.8	0.50425m(13010324)	0.56028m(13010324)	0.62909m(13010324)
0.71389m(13010324)	0.81692m(13010324)		
3746752.8	0.39825m(13010324)	0.42679m(13010324)	0.45681m(13010324)
0.48555m(13010324)	0.50549m(13010324)		
3746702.8	0.32506m(13010324)	0.33984m(13010324)	0.35292m(13010324)
0.36174m(13010324)	0.36195m(13010324)		
3746652.8	0.27211m(13010324)	0.27966m(13010324)	0.28492m(13010324)
0.28636m(13010324)	0.28197m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)	409043.32	409093.32	409143.32

3748852.8	0.06100m(13010324)	0.05936m(13010324)	0.05777m(13010324)
0.05622m(13010324)	0.05471m(13010324)		
3748802.8	0.06293m(13010324)	0.06119m(13010324)	0.05950m(13010324)
0.05787m(13010324)	0.05627m(13010324)		
3748752.8	0.06493m(13010324)	0.06309m(13010324)	0.06131m(13010324)
0.05958m(13010324)	0.05789m(13010324)		
3748702.8	0.06703m(13010324)	0.06508m(13010324)	0.06319m(13010324)
0.06136m(13010324)	0.05958m(13010324)		
3748652.8	0.06923m(13010324)	0.06716m(13010324)	0.06516m(13010324)
0.06321m(13010324)	0.06133m(13010324)		
3748602.8	0.07154m(13010324)	0.06934m(13010324)	0.06721m(13010324)
0.06515m(13010324)	0.06316m(13010324)		
3748552.8	0.07395m(13010324)	0.07161m(13010324)	0.06935m(13010324)
0.06717m(13010324)	0.06506m(13010324)		
3748502.8	0.07649m(13010324)	0.07400m(13010324)	0.07160m(13010324)
0.06928m(13010324)	0.06704m(13010324)		
3748452.8	0.07915m(13010324)	0.07650m(13010324)	0.07395m(13010324)
0.07148m(13010324)	0.06911m(13010324)		
3748402.8	0.08196m(13010324)	0.07913m(13010324)	0.07641m(13010324)
0.07379m(13010324)	0.07127m(13010324)		
3748352.8	0.08491m(13010324)	0.08190m(13010324)	0.07900m(13010324)
0.07621m(13010324)	0.07353m(13010324)		
3748302.8	0.08803m(13010324)	0.08481m(13010324)	0.08171m(13010324)
0.07874m(13010324)	0.07589m(13010324)		
3748252.8	0.09134m(13010324)	0.08788m(13010324)	0.08458m(13010324)
0.08140m(13010324)	0.07837m(13010324)		
3748202.8	0.09483m(13010324)	0.09113m(13010324)	0.08759m(13010324)
0.08420m(13010324)	0.08096m(13010324)		
3748152.8	0.09854m(13010324)	0.09457m(13010324)	0.09077m(13010324)
0.08715m(13010324)	0.08369m(13010324)		
3748102.8	0.10249m(13010324)	0.09822m(13010324)	0.09414m(13010324)
0.09026m(13010324)	0.08655m(13010324)		
3748052.8	0.10670m(13010324)	0.10210m(13010324)	0.09771m(13010324)
0.09354m(13010324)	0.08957m(13010324)		
3748002.8	0.11121m(13010324)	0.10623m(13010324)	0.10150m(13010324)
0.09701m(13010324)	0.09275m(13010324)		
3747952.8	0.11603m(13010324)	0.11064m(13010324)	0.10554m(13010324)

0.10070m(13010324)	0.09611m(13010324)	
3747902.8	0.12123m(13010324)	0.11538m(13010324)
0.10462m(13010324)	0.09967m(13010324)	
3747852.8	0.12683m(13010324)	0.12046m(13010324)
0.10879m(13010324)	0.10345m(13010324)	
3747802.8	0.13291m(13010324)	0.12595m(13010324)
0.11326m(13010324)	0.10747m(13010324)	
3747752.8	0.13952m(13010324)	0.13190m(13010324)
0.11804m(13010324)	0.11175m(13010324)	
3747702.8	0.14676m(13010324)	0.13837m(13010324)
0.12319m(13010324)	0.11633m(13010324)	
3747652.8	0.15473m(13010324)	0.14545m(13010324)
0.12874m(13010324)	0.12124m(13010324)	
3747602.8	0.16357m(13010324)	0.15325m(13010324)
0.13477m(13010324)	0.12652m(13010324)	
3747552.8	0.17344m(13010324)	0.16189m(13010324)
0.14135m(13010324)	0.13222m(13010324)	
3747502.8	0.18457m(13010324)	0.17156m(13010324)
0.14855m(13010324)	0.13841m(13010324)	
3747452.8	0.19726m(13010324)	0.18246m(13010324)
0.15649m(13010324)	0.14515m(13010324)	
3747402.8	0.21191m(13010324)	0.19490m(13010324)
0.16531m(13010324)	0.15253m(13010324)	
3747352.8	0.22910m(13010324)	0.20928m(13010324)
0.17519m(13010324)	0.16063m(13010324)	
3747302.8	0.24965m(13010324)	0.22618m(13010324)
0.18633m(13010324)	0.16959m(13010324)	
3747252.8	0.27478m(13010324)	0.24641m(13010324)
0.19903m(13010324)	0.17951m(13010324)	
3747202.8	0.30643m(13010324)	0.27121m(13010324)
0.21364m(13010324)	0.19055m(13010324)	
3747152.8	0.34783m(13010324)	0.30255m(13010324)
0.23062m(13010324)	0.20280m(13010324)	
3747102.8	0.40483m(13010324)	0.34376m(13010324)
0.25053m(13010324)	0.21630m(13010324)	
3747052.8	0.48945m(13010324)	0.40110m(13010324)
0.27393m(13010324)	0.23082m(13010324)	
3747002.8	0.63104m(13010324)	0.48786m(13010324)
0.30099m(13010324)	0.24557m(13010324)	
3746952.8	0.92525m(13010324)	0.63876m(13010324)
0.32999m(13010324)	0.25847m(13010324)	
3746902.8	0.56444m(13010324)	0.56595m(13010324)
0.35297m(13010324)	0.26545m(13010324)	

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³

**

Y-COORD | X-COORD (METERS)
(METERS) | 409043.32 409093.32 409143.32
409193.32 409243.32

3746852.8 | 0.45589m(13010324) 0.52067m(13010324) 0.56433m(13010324)
0.35208m(13010324) 0.26162m(13010324)
3746802.8 | 0.91678m(13010324) 0.74218m(13010324) 0.45817m(13010324)
0.31918m(13010324) 0.24584m(13010324)
3746752.8 | 0.49744m(13010324) 0.43578m(13010324) 0.34650m(13010324)
0.27374m(13010324) 0.22304m(13010324)
3746702.8 | 0.34756m(13010324) 0.31571m(13010324) 0.27370m(13010324)
0.23303m(13010324) 0.19925m(13010324)
3746652.8 | 0.26999m(13010324) 0.25039m(13010324) 0.22595m(13010324)
0.20075m(13010324) 0.17769m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

DATE

GROUP ID AVERAGE CONC (YYMMDDHH) NETWORK
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID RECEPTOR (XR, YR,

ALL HIGH 1ST HIGH VALUE IS 1.58334m ON 13010324: AT (407443.32, 3748002.85,
0.00, 0.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:31:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS I-5 PM25\14635 OPS
I-5 PM25.ADI
**
*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**
CO STARTING
  TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
  MODELOPT DFAULT CONC
  AVERTIME 24
  URBANOPT 3010232 ORANGE_COUNTY
  POLLUTID PM_2.5
  RUNORNOT RUN
  ERRORFIL "14635 OPS I-5 PM25.ERR"
CO FINISHED
**
*****
** AERMOD SOURCE PATHWAY
*****
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** -----
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 56.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.02749
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 406457.700, 3748725.328, 0.00, 3.49, 26.05
** 406540.691, 3748646.053, 0.00, 3.49, 26.05
** 406657.126, 3748523.425, 0.00, 3.49, 26.05
** 406792.140, 3748382.217, 0.00, 3.49, 26.05
** 406882.563, 3748315.329, 0.00, 3.49, 26.05
** 407205.856, 3748097.323, 0.00, 3.49, 26.05
** 407759.648, 3747730.789, 0.00, 3.49, 26.05
** 408168.639, 3747456.936, 0.00, 3.49, 26.05
** 408379.847, 3747296.740, 0.00, 3.49, 26.05
** 408561.521, 3747151.759, 0.00, 3.49, 26.05
** 408608.058, 3747115.066, 0.00, 3.49, 26.05
** 408910.550, 3746935.181, 0.00, 3.49, 26.05
** 409113.703, 3746832.263, 0.00, 3.49, 26.05
** -----
**
LOCATION L0000001      VOLUME  406477.947 3748705.987 0.0
LOCATION L0000002      VOLUME  406518.441 3748667.306 0.0
LOCATION L0000003      VOLUME  406558.064 3748627.756 0.0
LOCATION L0000004      VOLUME  406596.623 3748587.146 0.0

```

LOCATION	L0000005	VOLUME	406635.182	3748546.536	0.0
LOCATION	L0000006	VOLUME	406673.802	3748505.983	0.0
LOCATION	L0000007	VOLUME	406712.502	3748465.508	0.0
LOCATION	L0000008	VOLUME	406751.203	3748425.032	0.0
LOCATION	L0000009	VOLUME	406789.903	3748384.557	0.0
LOCATION	L0000010	VOLUME	406834.559	3748350.839	0.0
LOCATION	L0000011	VOLUME	406879.580	3748317.535	0.0
LOCATION	L0000012	VOLUME	406925.917	3748286.094	0.0
LOCATION	L0000013	VOLUME	406972.347	3748254.785	0.0
LOCATION	L0000014	VOLUME	407018.777	3748223.476	0.0
LOCATION	L0000015	VOLUME	407065.206	3748192.167	0.0
LOCATION	L0000016	VOLUME	407111.636	3748160.858	0.0
LOCATION	L0000017	VOLUME	407158.066	3748129.549	0.0
LOCATION	L0000018	VOLUME	407204.496	3748098.240	0.0
LOCATION	L0000019	VOLUME	407251.187	3748067.320	0.0
LOCATION	L0000020	VOLUME	407297.885	3748036.413	0.0
LOCATION	L0000021	VOLUME	407344.583	3748005.505	0.0
LOCATION	L0000022	VOLUME	407391.281	3747974.597	0.0
LOCATION	L0000023	VOLUME	407437.979	3747943.690	0.0
LOCATION	L0000024	VOLUME	407484.677	3747912.782	0.0
LOCATION	L0000025	VOLUME	407531.375	3747881.874	0.0
LOCATION	L0000026	VOLUME	407578.074	3747850.967	0.0
LOCATION	L0000027	VOLUME	407624.772	3747820.059	0.0
LOCATION	L0000028	VOLUME	407671.470	3747789.151	0.0
LOCATION	L0000029	VOLUME	407718.168	3747758.244	0.0
LOCATION	L0000030	VOLUME	407764.848	3747727.308	0.0
LOCATION	L0000031	VOLUME	407811.380	3747696.151	0.0
LOCATION	L0000032	VOLUME	407857.912	3747664.994	0.0
LOCATION	L0000033	VOLUME	407904.444	3747633.837	0.0
LOCATION	L0000034	VOLUME	407950.976	3747602.679	0.0
LOCATION	L0000035	VOLUME	407997.508	3747571.522	0.0
LOCATION	L0000036	VOLUME	408044.040	3747540.365	0.0
LOCATION	L0000037	VOLUME	408090.572	3747509.208	0.0
LOCATION	L0000038	VOLUME	408137.104	3747478.051	0.0
LOCATION	L0000039	VOLUME	408183.019	3747446.029	0.0
LOCATION	L0000040	VOLUME	408227.637	3747412.187	0.0
LOCATION	L0000041	VOLUME	408272.255	3747378.346	0.0
LOCATION	L0000042	VOLUME	408316.873	3747344.504	0.0
LOCATION	L0000043	VOLUME	408361.491	3747310.663	0.0
LOCATION	L0000044	VOLUME	408405.610	3747276.180	0.0
LOCATION	L0000045	VOLUME	408449.381	3747241.250	0.0
LOCATION	L0000046	VOLUME	408493.151	3747206.320	0.0
LOCATION	L0000047	VOLUME	408536.922	3747171.389	0.0
LOCATION	L0000048	VOLUME	408580.782	3747136.572	0.0
LOCATION	L0000049	VOLUME	408626.336	3747104.196	0.0
LOCATION	L0000050	VOLUME	408674.468	3747075.573	0.0
LOCATION	L0000051	VOLUME	408722.601	3747046.950	0.0
LOCATION	L0000052	VOLUME	408770.733	3747018.327	0.0
LOCATION	L0000053	VOLUME	408818.865	3746989.704	0.0
LOCATION	L0000054	VOLUME	408866.997	3746961.081	0.0
LOCATION	L0000055	VOLUME	408915.303	3746932.774	0.0
LOCATION	L0000056	VOLUME	408965.258	3746907.466	0.0
LOCATION	L0000057	VOLUME	409015.214	3746882.158	0.0
LOCATION	L0000058	VOLUME	409065.169	3746856.850	0.0

** END OF LINE VOLUME SOURCE ID = SLINE1

** SOURCE PARAMETERS **

** LINE VOLUME SOURCE ID = SLINE1

SRCPARAM	L0000001	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000002	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000003	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000004	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000005	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000006	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000007	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000008	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000009	0.0004739655	3.49	26.05	3.25

SRCPARAM	L0000010	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000011	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000012	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000013	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000014	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000015	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000016	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000017	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000018	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000019	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000020	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000021	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000022	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000023	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000024	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000025	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000026	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000027	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000028	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000029	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000030	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000031	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000032	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000033	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000034	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000035	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000036	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000037	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000038	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000039	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000040	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000041	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000042	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000043	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000044	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000045	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000046	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000047	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000048	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000049	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000050	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000051	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000052	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000053	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000054	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000055	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000056	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000057	0.0004739655	3.49	26.05	3.25
SRCPARAM	L0000058	0.0004739655	3.49	26.05	3.25

URBANSRC ALL
SRCGROUP ALL

SO FINISHED

** AERMOD RECEPTOR PATHWAY

RE STARTING

GRIDCART	UCART1	STA	XYINC	406293.32	60	50.00	3746652.85	45	50.00		
	ELEV	1		0.00		0.00	0.00		0.00	0.00	0.00
	ELEV	1		0.00		0.00	0.00		0.00	0.00	0.00
	ELEV	1		0.00		0.00	0.00		0.00	0.00	0.00
	ELEV	1		0.00		0.00	0.00		0.00	0.00	0.00

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00

GRIDCART UCART1 END

RE FINISHED

**

** AERMOD METEOROLOGY PATHWAY

**

**

ME STARTING

SURFFILE KFUL_V9_ADJU\KFUL_V9.SFC

PROFFILE KFUL_V9_ADJU\KFUL_V9.PFL

SURFDATA 3166 2012

UAIRDATA 3190 2012

PROFBASE 29.0 METERS

ME FINISHED

**

** AERMOD OUTPUT PATHWAY

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 24 1ST

** AUTO-GENERATED PLOTFILES

PLOTFILE 24 ALL 1ST "14635 OPS I-5 PM25.AD\24H1GALL.PLT" 31

SUMMFILE "14635 OPS I-5 PM25.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 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

21:52:25

PAGE 1

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 58 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: PM_2.5

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 58 Source(s); 1 Source Group(s); and 2700 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 58 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 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) = 29.00 ; Decay Coef. =
0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

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

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14635 OPS I-5

PM25.ERR

**File for Summary of Results: 14635 OPS I-5

PM25.SUM

FF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

PAGE 2

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000001	0	0.47397E-03	406477.9	3748706.0	0.0	3.49	26.05	3.25
YES								
L0000002	0	0.47397E-03	406518.4	3748667.3	0.0	3.49	26.05	3.25
YES								
L0000003	0	0.47397E-03	406558.1	3748627.8	0.0	3.49	26.05	3.25
YES								
L0000004	0	0.47397E-03	406596.6	3748587.1	0.0	3.49	26.05	3.25
YES								
L0000005	0	0.47397E-03	406635.2	3748546.5	0.0	3.49	26.05	3.25

YES								
L0000006	0	0.47397E-03	406673.8	3748506.0	0.0	3.49	26.05	3.25
YES								
L0000007	0	0.47397E-03	406712.5	3748465.5	0.0	3.49	26.05	3.25
YES								
L0000008	0	0.47397E-03	406751.2	3748425.0	0.0	3.49	26.05	3.25
YES								
L0000009	0	0.47397E-03	406789.9	3748384.6	0.0	3.49	26.05	3.25
YES								
L0000010	0	0.47397E-03	406834.6	3748350.8	0.0	3.49	26.05	3.25
YES								
L0000011	0	0.47397E-03	406879.6	3748317.5	0.0	3.49	26.05	3.25
YES								
L0000012	0	0.47397E-03	406925.9	3748286.1	0.0	3.49	26.05	3.25
YES								
L0000013	0	0.47397E-03	406972.3	3748254.8	0.0	3.49	26.05	3.25
YES								
L0000014	0	0.47397E-03	407018.8	3748223.5	0.0	3.49	26.05	3.25
YES								
L0000015	0	0.47397E-03	407065.2	3748192.2	0.0	3.49	26.05	3.25
YES								
L0000016	0	0.47397E-03	407111.6	3748160.9	0.0	3.49	26.05	3.25
YES								
L0000017	0	0.47397E-03	407158.1	3748129.5	0.0	3.49	26.05	3.25
YES								
L0000018	0	0.47397E-03	407204.5	3748098.2	0.0	3.49	26.05	3.25
YES								
L0000019	0	0.47397E-03	407251.2	3748067.3	0.0	3.49	26.05	3.25
YES								
L0000020	0	0.47397E-03	407297.9	3748036.4	0.0	3.49	26.05	3.25
YES								
L0000021	0	0.47397E-03	407344.6	3748005.5	0.0	3.49	26.05	3.25
YES								
L0000022	0	0.47397E-03	407391.3	3747974.6	0.0	3.49	26.05	3.25
YES								
L0000023	0	0.47397E-03	407438.0	3747943.7	0.0	3.49	26.05	3.25
YES								
L0000024	0	0.47397E-03	407484.7	3747912.8	0.0	3.49	26.05	3.25
YES								
L0000025	0	0.47397E-03	407531.4	3747881.9	0.0	3.49	26.05	3.25
YES								
L0000026	0	0.47397E-03	407578.1	3747851.0	0.0	3.49	26.05	3.25
YES								
L0000027	0	0.47397E-03	407624.8	3747820.1	0.0	3.49	26.05	3.25
YES								
L0000028	0	0.47397E-03	407671.5	3747789.2	0.0	3.49	26.05	3.25
YES								
L0000029	0	0.47397E-03	407718.2	3747758.2	0.0	3.49	26.05	3.25
YES								
L0000030	0	0.47397E-03	407764.8	3747727.3	0.0	3.49	26.05	3.25
YES								
L0000031	0	0.47397E-03	407811.4	3747696.2	0.0	3.49	26.05	3.25
YES								
L0000032	0	0.47397E-03	407857.9	3747665.0	0.0	3.49	26.05	3.25
YES								
L0000033	0	0.47397E-03	407904.4	3747633.8	0.0	3.49	26.05	3.25
YES								
L0000034	0	0.47397E-03	407951.0	3747602.7	0.0	3.49	26.05	3.25
YES								
L0000035	0	0.47397E-03	407997.5	3747571.5	0.0	3.49	26.05	3.25
YES								
L0000036	0	0.47397E-03	408044.0	3747540.4	0.0	3.49	26.05	3.25
YES								
L0000037	0	0.47397E-03	408090.6	3747509.2	0.0	3.49	26.05	3.25
YES								
L0000038	0	0.47397E-03	408137.1	3747478.1	0.0	3.49	26.05	3.25

YES
L0000039 0 0.47397E-03 408183.0 3747446.0 0.0 3.49 26.05 3.25
YES
L0000040 0 0.47397E-03 408227.6 3747412.2 0.0 3.49 26.05 3.25
YES
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE						
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY							
L0000041	0	0.47397E-03	408272.3	3747378.3	0.0	3.49	26.05	3.25	
YES									
L0000042	0	0.47397E-03	408316.9	3747344.5	0.0	3.49	26.05	3.25	
YES									
L0000043	0	0.47397E-03	408361.5	3747310.7	0.0	3.49	26.05	3.25	
YES									
L0000044	0	0.47397E-03	408405.6	3747276.2	0.0	3.49	26.05	3.25	
YES									
L0000045	0	0.47397E-03	408449.4	3747241.2	0.0	3.49	26.05	3.25	
YES									
L0000046	0	0.47397E-03	408493.2	3747206.3	0.0	3.49	26.05	3.25	
YES									
L0000047	0	0.47397E-03	408536.9	3747171.4	0.0	3.49	26.05	3.25	
YES									
L0000048	0	0.47397E-03	408580.8	3747136.6	0.0	3.49	26.05	3.25	
YES									
L0000049	0	0.47397E-03	408626.3	3747104.2	0.0	3.49	26.05	3.25	
YES									
L0000050	0	0.47397E-03	408674.5	3747075.6	0.0	3.49	26.05	3.25	
YES									
L0000051	0	0.47397E-03	408722.6	3747046.9	0.0	3.49	26.05	3.25	
YES									
L0000052	0	0.47397E-03	408770.7	3747018.3	0.0	3.49	26.05	3.25	
YES									
L0000053	0	0.47397E-03	408818.9	3746989.7	0.0	3.49	26.05	3.25	
YES									
L0000054	0	0.47397E-03	408867.0	3746961.1	0.0	3.49	26.05	3.25	
YES									
L0000055	0	0.47397E-03	408915.3	3746932.8	0.0	3.49	26.05	3.25	
YES									
L0000056	0	0.47397E-03	408965.3	3746907.5	0.0	3.49	26.05	3.25	
YES									
L0000057	0	0.47397E-03	409015.2	3746882.2	0.0	3.49	26.05	3.25	
YES									
L0000058	0	0.47397E-03	409065.2	3746856.8	0.0	3.49	26.05	3.25	
YES									

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*** 21:52:25

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

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	,	L0000046	,
	L0000047	,	L0000048	,								
	L0000049	,	L0000050	,	L0000051	,	L0000052	,	L0000053	,	L0000054	,
	L0000055	,	L0000056	,								
	L0000057	,	L0000058	,								

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*** AERMET - VERSION 16216 ***
*** 21:52:25

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID

URBAN POP

SOURCE IDs

	3010232.	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 ,

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

406293.3,	406343.3,	406393.3,	406443.3,	406493.3,	406543.3,	406593.3,	406643.3,
406693.3,	406743.3,						
406793.3,	406843.3,	406893.3,	406943.3,	406993.3,	407043.3,	407093.3,	407143.3,
407193.3,	407243.3,						
407293.3,	407343.3,	407393.3,	407443.3,	407493.3,	407543.3,	407593.3,	407643.3,
407693.3,	407743.3,						
407793.3,	407843.3,	407893.3,	407943.3,	407993.3,	408043.3,	408093.3,	408143.3,
408193.3,	408243.3,						
408293.3,	408343.3,	408393.3,	408443.3,	408493.3,	408543.3,	408593.3,	408643.3,
408693.3,	408743.3,						
408793.3,	408843.3,	408893.3,	408943.3,	408993.3,	409043.3,	409093.3,	409143.3,
409193.3,	409243.3,						

*** Y-COORDINATES OF GRID ***
(METERS)

3746652.8,	3746702.8,	3746752.8,	3746802.8,	3746852.8,	3746902.8,	3746952.8,	3747002.8,
3747052.8,	3747102.8,						
3747152.8,	3747202.8,	3747252.8,	3747302.8,	3747352.8,	3747402.8,	3747452.8,	3747502.8,
3747552.8,	3747602.8,						
3747652.8,	3747702.8,	3747752.8,	3747802.8,	3747852.8,	3747902.8,	3747952.8,	3748002.8,
3748052.8,	3748102.8,						
3748152.8,	3748202.8,	3748252.8,	3748302.8,	3748352.8,	3748402.8,	3748452.8,	3748502.8,
3748552.8,	3748602.8,						
3748652.8,	3748702.8,	3748752.8,	3748802.8,	3748852.8,			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32	406643.32	406693.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00

[illegible]

0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		406293.32	406343.32	406393.32	406443.32	406493.32
406593.32		406643.32	406693.32			406543.32

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		406743.32	406793.32	406843.32	406893.32	406943.32
407043.32		407093.32	407143.32			406993.32

3748852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748652.85		0.00	0.00	0.00	0.00	0.00

[illegible]

```
0.00      0.00      0.00      0.00
3746952.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746902.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407043.32	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32	407093.32	407143.32				

```
3746852.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746802.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746752.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746702.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746652.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407493.32	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407493.32	407543.32	407593.32				

```
3748852.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3748802.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3748752.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3748702.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3748652.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3748602.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3748552.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3748502.85 |      0.00      0.00      0.00      0.00      0.00
```

0.00	0.00	0.00	0.00			
3748452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***

*** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407493.32	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407543.32	407593.32					
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

PAGE 13

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407943.32	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407993.32	408043.32					
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

21:52:25

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407943.32		407643.32	407693.32	407743.32	407793.32	407843.32 407893.32
		407993.32	408043.32			

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408393.32		408093.32	408143.32	408193.32	408243.32	408293.32 408343.32
		408443.32	408493.32			

3748852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748202.85		0.00	0.00	0.00	0.00	0.00

(METERS)	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK						
GP\14635 CONS *** 07/06/23						
*** AERMET - VERSION 16216 ***						
					***	21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32	408893.32	408943.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 ***
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
*** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		408543.32	408593.32	408643.32	408693.32	408743.32
408843.32		408893.32	408943.32			

3746852.85		0.00	0.00	0.00	0.00	0.00

0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

PAGE 20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

PAGE 21

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32	406643.32	406693.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 21:52:25

Y-COORD (METERS)					X-COORD (METERS)	
406593.32	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
	406643.32	406693.32				

3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 ***
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 *** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407043.32	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
	407093.32	407143.32				

3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

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FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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21:52:25

PAGE 24

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)				
(METERS)	406743.32	406793.32	406843.32	406893.32	406943.32
407043.32	407093.32	407143.32			
-	-	-	-	-	-
-	-	-	-	-	-

3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

PAGE 25
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407493.32	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407493.32	407543.32	407593.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			

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*** AERMOT - VERSION 22112 ***      C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 21:52:25
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)					
(METERS)	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407493.32	407543.32	407593.32				

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

PAGE 27

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				

3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			

3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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21:52:25

PAGE 28

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 407643.32 407693.32 407743.32 407793.32 407843.32 407893.32
407943.32 407993.32 408043.32
-----
3746852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				

3748852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3747602.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 21:52:25

PAGE 30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

 * HILL HEIGHT SCALES IN METERS *

Y-COORD							X-COORD (METERS)
(METERS)		408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32		408443.32	408493.32				

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 21:52:25

PAGE 31

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32		408893.32	408943.32				
3748852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748702.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748652.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748602.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748552.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748502.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748452.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748402.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748352.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748302.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748252.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748202.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748152.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748102.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748052.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3748002.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747952.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747902.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747852.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747802.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747752.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747702.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747652.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747602.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747552.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747502.85		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				

3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 ***
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
*** 21:52:25

PAGE 32

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32		408893.32	408943.32				

3746852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00

*** AERMOD - VERSION 22112 ***
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
*** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		408993.32	409043.32	409093.32	409143.32	409193.32	409243.32

3748852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748252.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748202.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00 0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 408993.32 409043.32 409093.32 409143.32 409193.32 409243.32

3746852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00 0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
-----	-----	-----	-----
L0000001	406493.3	3748652.8	-0.69
L0000001	406443.3	3748702.8	-21.24
L0000001	406493.3	3748702.8	-40.32
L0000001	406493.3	3748752.8	-6.69
L0000002	406493.3	3748652.8	-27.02
L0000002	406543.3	3748652.8	-27.23
L0000002	406493.3	3748702.8	-12.48
L0000002	406543.3	3748702.8	-12.62
L0000003	406543.3	3748602.8	-27.06
L0000003	406593.3	3748602.8	-12.84
L0000003	406543.3	3748652.8	-26.90
L0000003	406593.3	3748652.8	-12.73
L0000004	406593.3	3748552.8	-21.55
L0000004	406543.3	3748602.8	-0.44
L0000004	406593.3	3748602.8	-39.96
L0000004	406643.3	3748602.8	-6.74
L0000005	406643.3	3748502.8	-11.57
L0000005	406593.3	3748552.8	-13.67
L0000005	406643.3	3748552.8	-45.71
L0000005	406643.3	3748602.8	0.89
L0000006	406693.3	3748452.8	0.60
L0000006	406643.3	3748502.8	-25.36
L0000006	406693.3	3748502.8	-36.24
L0000006	406643.3	3748552.8	-0.10
L0000006	406693.3	3748552.8	-5.24
L0000007	406693.3	3748452.8	-33.03
L0000007	406743.3	3748452.8	-22.69
L0000007	406693.3	3748502.8	-14.03
L0000007	406743.3	3748502.8	-7.59
L0000008	406743.3	3748402.8	-32.47
L0000008	406793.3	3748402.8	-8.41
L0000008	406743.3	3748452.8	-27.09
L0000008	406793.3	3748452.8	-5.53
L0000009	406743.3	3748352.8	0.34
L0000009	406793.3	3748352.8	-24.12
L0000009	406743.3	3748402.8	-5.96
L0000009	406793.3	3748402.8	-37.40
L0000009	406843.3	3748402.8	0.45
L0000010	406843.3	3748302.8	-7.23
L0000010	406793.3	3748352.8	-14.72

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*

LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
L0000010	406843.3	3748352.8	-47.02
L0000010	406843.3	3748402.8	-3.26
L0000011	406843.3	3748302.8	-16.89
L0000011	406893.3	3748302.8	-35.90
L0000011	406843.3	3748352.8	-5.39
L0000011	406893.3	3748352.8	-18.11
L0000012	406893.3	3748252.8	-9.45
L0000012	406943.3	3748252.8	-18.48
L0000012	406893.3	3748302.8	-19.36
L0000012	406943.3	3748302.8	-31.85
L0000013	406993.3	3748202.8	0.00
L0000013	406943.3	3748252.8	-26.92
L0000013	406993.3	3748252.8	-34.95
L0000013	406943.3	3748302.8	0.14
L0000013	406993.3	3748302.8	-3.57
L0000014	406993.3	3748202.8	-23.24
L0000014	407043.3	3748202.8	-23.95
L0000014	406993.3	3748252.8	-17.14
L0000014	407043.3	3748252.8	-17.73
L0000015	407043.3	3748152.8	-11.01
L0000015	407093.3	3748152.8	-7.67
L0000015	407043.3	3748202.8	-31.65
L0000015	407093.3	3748202.8	-25.93
L0000016	407093.3	3748152.8	-36.02
L0000016	407143.3	3748152.8	-23.33
L0000016	407093.3	3748202.8	-10.19
L0000016	407143.3	3748202.8	-3.40
L0000017	407143.3	3748102.8	-25.51
L0000017	407193.3	3748102.8	-11.78
L0000017	407143.3	3748152.8	-28.43
L0000017	407193.3	3748152.8	-13.75
L0000018	407193.3	3748052.8	-9.26
L0000018	407193.3	3748102.8	-43.92
L0000018	407243.3	3748102.8	-16.91
L0000018	407193.3	3748152.8	-0.27
L0000019	407243.3	3748052.8	-39.54
L0000019	407293.3	3748052.8	-11.46
L0000019	407243.3	3748102.8	-19.62
L0000019	407293.3	3748102.8	-0.89
L0000020	407293.3	3748002.8	-22.14

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
* LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
L0000020	407343.3	3748002.8	0.48
L0000020	407243.3	3748052.8	0.98

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
  LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL
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SOURCE	- - RECEPTOR LOCATION - -	DISTANCE
ID	XR (METERS) YR (METERS)	(METERS)
L0000029	407743.3 3747802.8	-4.80
L0000030	407743.3 3747702.8	-23.42
L0000030	407793.3 3747702.8	-18.47
L0000030	407743.3 3747752.8	-22.60
L0000030	407793.3 3747752.8	-17.76
L0000031	407793.3 3747652.8	-9.09
L0000031	407843.3 3747652.8	-2.20
L0000031	407793.3 3747702.8	-36.75
L0000031	407843.3 3747702.8	-23.37
L0000032	407843.3 3747652.8	-37.02
L0000032	407893.3 3747652.8	-18.57

[illegible]

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*** MODELOPTs:      RegDFault  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
  LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL
```

SOURCE	-- RECEPTOR LOCATION --		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L00000039	408193.3	3747452.8	-43.65
L00000040	408193.3	3747402.8	-20.44
L00000040	408243.3	3747402.8	-37.76
L00000040	408193.3	3747452.8	-2.80
L00000040	408243.3	3747452.8	-12.42
L00000041	408243.3	3747352.8	-17.44
L00000041	408293.3	3747352.8	-22.94
L00000041	408243.3	3747402.8	-18.09
L00000041	408293.3	3747402.8	-23.69
L00000042	408293.3	3747302.8	-8.16
L00000042	408343.3	3747302.8	-6.67
L00000042	408293.3	3747352.8	-31.02
L00000042	408343.3	3747352.8	-28.27
L00000043	408343.3	3747302.8	-36.23
L00000043	408393.3	3747302.8	-23.23
L00000043	408343.3	3747352.8	-10.07
L00000043	408393.3	3747352.8	-3.16
L00000044	408393.3	3747252.8	-29.64
L00000044	408443.3	3747252.8	-11.66
L00000044	408393.3	3747302.8	-26.64


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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***      07/06/23  
*** AERMET - VERSION 16216 ***  
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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
  LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL
```

SOURCE	RECEPTOR LOCATION		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0000049	408643.3	3747152.8	-4.47
L0000050	408643.3	3747052.8	-17.45
L0000050	408693.3	3747052.8	-26.48
L0000050	408643.3	3747102.8	-14.60
L0000050	408693.3	3747102.8	-22.85
L0000051	408693.3	3747002.8	-3.07
L0000051	408743.3	3747002.8	-7.28
L0000051	408693.3	3747052.8	-26.14
L0000051	408743.3	3747052.8	-34.46
L0000052	408743.3	3747002.8	-24.53
L0000052	408793.3	3747002.8	-28.63
L0000052	408743.3	3747052.8	-11.92
L0000052	408793.3	3747052.8	-14.75
L0000053	408793.3	3746952.8	-11.17
L0000053	408843.3	3746952.8	-11.78
L0000053	408793.3	3747002.8	-27.28
L0000053	408843.3	3747002.8	-28.24
L0000054	408843.3	3746952.8	-30.94
L0000054	408893.3	3746952.8	-28.43
L0000054	408843.3	3747002.8	-7.99
L0000054	408893.3	3747002.8	-6.64
L0000055	408893.3	3746902.8	-18.88
L0000055	408943.3	3746902.8	-15.01
L0000055	408893.3	3746952.8	-26.24
L0000055	408943.3	3746952.8	-21.54
L0000056	408943.3	3746902.8	-33.59
L0000056	408993.3	3746902.8	-27.57
L0000056	408943.3	3746952.8	-5.60
L0000056	408993.3	3746952.8	-2.65

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS ***                    07/06/23

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*** AERMET - VERSION 16216 ***

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* * *

21:52:25

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

[illegible]

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

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

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

```

*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23

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*** AERMET - VERSION 16216 ***

* * *

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

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

Surface file:

KFUL V9 ADJU\KFUL V9.SFC

Met

```
Version: 16216
```

Profile file:

KFUL V9 ADJU\KFUL V9.PFL

Surface format:

FREE

Profile format:

FREE

Surface station no.: 3166
Name: UNKNOWN
UNKNOWN
Year: 2012

Upper air station no.: 3190
Name:
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	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96		
322.		10.1		283.8	2.0												
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52		
13.		10.1		283.1	2.0												
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
73.		10.1		282.0	2.0												
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91		
98.		10.1		281.4	2.0												
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00		
0.		10.1		280.9	2.0												
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55		
80.		10.1		280.4	2.0												
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69		
201.		10.1		280.4	2.0												
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52		
72.		10.1		280.9	2.0												
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00		
0.		10.1		285.9	2.0												
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79		
268.		10.1		289.9	2.0												
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70		
273.		10.1		294.2	2.0												
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74		
230.		10.1		297.5	2.0												
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20		
227.		10.1		300.4	2.0												
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47		
233.		10.1		300.9	2.0												
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20		
233.		10.1		302.0	2.0												
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91		
229.		10.1		298.1	2.0												
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37		
212.		10.1		294.2	2.0												
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91		
190.		10.1		292.0	2.0												
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70		
302.		10.1		289.2	2.0												
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87		
338.		10.1		288.1	2.0												
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11		
304.		10.1		287.0	2.0												
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
76.		10.1		285.4	2.0												
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62		
306.		10.1		284.9	2.0												
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82		
318.		10.1		283.8	2.0												

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)	406293.32	406343.32	406393.32
406443.32	406493.32		

3748852.8	0.07034m(13010324)	0.08176m(13010324)	0.09542m(13010324)
0.10921m(13010324)	0.11834m(13010324)		
3748802.8	0.07925m(13010324)	0.09663m(13010324)	0.12181m(13010324)
0.15368m(13010324)	0.17354m(13010324)		
3748752.8	0.08798m(13010324)	0.11312m(13010324)	0.16071m(13010324)
0.26885m(13010324)	0.17703m(13010324)		
3748702.8	0.09458m(13010324)	0.12553m(13010324)	0.19390m(13010324)
0.18734m(13010324)	0.15562m(13010324)		
3748652.8	0.09747m(13010324)	0.12839m(13010324)	0.18893m(13010324)
0.33515m(13010324)	0.22599m(13010324)		
3748602.8	0.09683m(13010324)	0.12380m(13010324)	0.16856m(13010324)
0.24796m(13010324)	0.40067m(13010324)		
3748552.8	0.09391m(13010324)	0.11633m(13010324)	0.14955m(13010324)
0.20044m(13010324)	0.28255m(13010324)		
3748502.8	0.08989m(13010324)	0.10839m(13010324)	0.13386m(13010324)
0.16971m(13010324)	0.22201m(13010324)		
3748452.8	0.08548m(13010324)	0.10085m(13010324)	0.12097m(13010324)
0.14775m(13010324)	0.18436m(13010324)		
3748402.8	0.08104m(13010324)	0.09394m(13010324)	0.11023m(13010324)
0.13105m(13010324)	0.15821m(13010324)		
3748352.8	0.07675m(13010324)	0.08769m(13010324)	0.10112m(13010324)
0.11777m(13010324)	0.13872m(13010324)		
3748302.8	0.07268m(13010324)	0.08205m(13010324)	0.09329m(13010324)
0.10688m(13010324)	0.12350m(13010324)		
3748252.8	0.06887m(13010324)	0.07696m(13010324)	0.08648m(13010324)
0.09775m(13010324)	0.11121m(13010324)		
3748202.8	0.06532m(13010324)	0.07235m(13010324)	0.08049m(13010324)
0.08997m(13010324)	0.10106m(13010324)		
3748152.8	0.06202m(13010324)	0.06817m(13010324)	0.07520m(13010324)
0.08326m(13010324)	0.09253m(13010324)		
3748102.8	0.05895m(13010324)	0.06437m(13010324)	0.07049m(13010324)
0.07741m(13010324)	0.08526m(13010324)		
3748052.8	0.05611m(13010324)	0.06091m(13010324)	0.06628m(13010324)
0.07228m(13010324)	0.07900m(13010324)		
3748002.8	0.05347m(13010324)	0.05775m(13010324)	0.06249m(13010324)
0.06773m(13010324)	0.07354m(13010324)		
3747952.8	0.05103m(13010324)	0.05486m(13010324)	0.05906m(13010324)

* *

Y-COORD				X-COORD (METERS)
(METERS)		406293.32	406343.32	406393.32
406443.32		406493.32		

3746852.8		0.02282m(13010324)	0.02354m(13010324)	0.02427m(13010324)
0.02504m(13010324)		0.02582m(13010324)		
3746802.8		0.02215m(13010324)	0.02282m(13010324)	0.02351m(13010324)
0.02423m(13010324)		0.02497m(13010324)		
3746752.8		0.02150m(13010324)	0.02213m(13010324)	0.02279m(13010324)
0.02346m(13010324)		0.02416m(13010324)		
3746702.8		0.02087m(13010324)	0.02147m(13010324)	0.02209m(13010324)
0.02273m(13010324)		0.02339m(13010324)		
3746652.8		0.02028m(13010324)	0.02084m(13010324)	0.02143m(13010324)
0.02203m(13010324)		0.02265m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD				X-COORD (METERS)
(METERS)		406543.32	406593.32	406643.32
406693.32		406743.32		

3748852.8		0.11991m(13010324)	0.11607m(13010324)	0.10999m(13010324)
0.10347m(13010324)		0.09726m(13010324)		
3748802.8		0.16808m(13010324)	0.15315m(13010324)	0.13834m(13010324)
0.12563m(13010324)		0.11504m(13010324)		
3748752.8		0.27092m(13010324)	0.21590m(13010324)	0.18048m(13010324)
0.15601m(13010324)		0.13815m(13010324)		
3748702.8		0.31611m(13010324)	0.32925m(13010324)	0.24535m(13010324)
0.19862m(13010324)		0.16868m(13010324)		
3748652.8		0.25255m(13010324)	0.36465m(13010324)	0.35405m(13010324)
0.26133m(13010324)		0.21028m(13010324)		
3748602.8		0.28072m(13010324)	0.29908m(13010324)	0.26655m(13010324)
0.36432m(13010324)		0.27064m(13010324)		
3748552.8		0.43663m(13010324)	0.28708m(13010324)	0.34978m(13010324)
0.41006m(13010324)		0.36930m(13010324)		
3748502.8		0.30491m(13010324)	0.46355m(13010324)	0.30443m(13010324)
0.32315m(13010324)		0.39591m(13010324)		
3748452.8		0.23706m(13010324)	0.32089m(13010324)	0.48312m(13010324)
0.33938m(13010324)		0.32249m(13010324)		
3748402.8		0.19492m(13010324)	0.24772m(13010324)	0.33242m(13010324)

0.49855m(13010324)	0.33122m(13010324)	
3748352.8	0.16578m(13010324)	0.20220m(13010324)
0.33884m(13010324)	0.36605m(13010324)	0.25458m(13010324)
3748302.8	0.14421m(13010324)	0.17072m(13010324)
0.25625m(13010324)	0.33347m(13010324)	0.20611m(13010324)
3748252.8	0.12750m(13010324)	0.14755m(13010324)
0.20586m(13010324)	0.25060m(13010324)	0.17287m(13010324)
3748202.8	0.11415m(13010324)	0.12978m(13010324)
0.17209m(13010324)	0.20156m(13010324)	0.14872m(13010324)
3748152.8	0.10325m(13010324)	0.11575m(13010324)
0.14790m(13010324)	0.16895m(13010324)	0.13044m(13010324)
3748102.8	0.09419m(13010324)	0.10440m(13010324)
0.12972m(13010324)	0.14560m(13010324)	0.11613m(13010324)
3748052.8	0.08654m(13010324)	0.09504m(13010324)
0.11554m(13010324)	0.12800m(13010324)	0.10463m(13010324)
3748002.8	0.08000m(13010324)	0.08718m(13010324)
0.10415m(13010324)	0.11423m(13010324)	0.09519m(13010324)
3747952.8	0.07434m(13010324)	0.08049m(13010324)
0.09479m(13010324)	0.10313m(13010324)	0.08728m(13010324)
3747902.8	0.06940m(13010324)	0.07473m(13010324)
0.08695m(13010324)	0.09398m(13010324)	0.08056m(13010324)
3747852.8	0.06504m(13010324)	0.06971m(13010324)
0.08028m(13010324)	0.08629m(13010324)	0.07477m(13010324)
3747802.8	0.06117m(13010324)	0.06528m(13010324)
0.07453m(13010324)	0.07974m(13010324)	0.06973m(13010324)
3747752.8	0.05770m(13010324)	0.06136m(13010324)
0.06952m(13010324)	0.07407m(13010324)	0.06529m(13010324)
3747702.8	0.05457m(13010324)	0.05785m(13010324)
0.06510m(13010324)	0.06912m(13010324)	0.06135m(13010324)
3747652.8	0.05174m(13010324)	0.05468m(13010324)
0.06117m(13010324)	0.06475m(13010324)	0.05783m(13010324)
3747602.8	0.04915m(13010324)	0.05182m(13010324)
0.05766m(13010324)	0.06086m(13010324)	0.05465m(13010324)
3747552.8	0.04679m(13010324)	0.04921m(13010324)
0.05449m(13010324)	0.05737m(13010324)	0.05178m(13010324)
3747502.8	0.04462m(13010324)	0.04683m(13010324)
0.05162m(13010324)	0.05423m(13010324)	0.04916m(13010324)
3747452.8	0.04261m(13010324)	0.04463m(13010324)
0.04901m(13010324)	0.05137m(13010324)	0.04676m(13010324)
3747402.8	0.04075m(13010324)	0.04261m(13010324)
0.04661m(13010324)	0.04877m(13010324)	0.04456m(13010324)
3747352.8	0.03902m(13010324)	0.04074m(13010324)
0.04441m(13010324)	0.04638m(13010324)	0.04253m(13010324)
3747302.8	0.03741m(13010324)	0.03899m(13010324)
0.04238m(13010324)	0.04419m(13010324)	0.04065m(13010324)
3747252.8	0.03591m(13010324)	0.03737m(13010324)
0.04050m(13010324)	0.04216m(13010324)	0.03890m(13010324)
3747202.8	0.03450m(13010324)	0.03585m(13010324)
0.03874m(13010324)	0.04028m(13010324)	0.03727m(13010324)
3747152.8	0.03317m(13010324)	0.03443m(13010324)
0.03711m(13010324)	0.03854m(13010324)	0.03575m(13010324)
3747102.8	0.03192m(13010324)	0.03310m(13010324)
0.03559m(13010324)	0.03691m(13010324)	0.03432m(13010324)
3747052.8	0.03075m(13010324)	0.03184m(13010324)
0.03416m(13010324)	0.03538m(13010324)	0.03298m(13010324)
3747002.8	0.02963m(13010324)	0.03066m(13010324)
0.03282m(13010324)	0.03395m(13010324)	0.03172m(13010324)
3746952.8	0.02858m(13010324)	0.02954m(13010324)
0.03155m(13010324)	0.03261m(13010324)	0.03053m(13010324)
3746902.8	0.02758m(13010324)	0.02848m(13010324)
0.03036m(13010324)	0.03135m(13010324)	0.02940m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³

**

Y-COORD			X-COORD (METERS)
(METERS)	406543.32	406593.32	406643.32
406693.32	406743.32		

3746852.8	0.02664m(13010324)	0.02748m(13010324)	0.02834m(13010324)
0.02924m(13010324)	0.03016m(13010324)		
3746802.8	0.02574m(13010324)	0.02652m(13010324)	0.02733m(13010324)
0.02817m(13010324)	0.02903m(13010324)		
3746752.8	0.02488m(13010324)	0.02562m(13010324)	0.02638m(13010324)
0.02716m(13010324)	0.02797m(13010324)		
3746702.8	0.02406m(13010324)	0.02476m(13010324)	0.02547m(13010324)
0.02621m(13010324)	0.02696m(13010324)		
3746652.8	0.02328m(13010324)	0.02394m(13010324)	0.02461m(13010324)
0.02530m(13010324)	0.02600m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

21:52:25

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³

**

Y-COORD			X-COORD (METERS)
(METERS)	406793.32	406843.32	406893.32
406943.32	406993.32		

3748852.8	0.09162m(13010324)	0.08656m(13010324)	0.08206m(13010324)

0.07805m (13010324)	0.07446m (13010324)	
3748802.8	0.10624m (13010324)	0.09886m (13010324)
0.08725m (13010324)	0.08258m (13010324)	0.09261m (13010324)
3748752.8	0.12456m (13010324)	0.11386m (13010324)
0.09807m (13010324)	0.09204m (13010324)	0.10521m (13010324)
3748702.8	0.14778m (13010324)	0.13232m (13010324)
0.11091m (13010324)	0.10313m (13010324)	0.12041m (13010324)
3748652.8	0.17788m (13010324)	0.15546m (13010324)
0.12638m (13010324)	0.11631m (13010324)	0.13901m (13010324)
3748602.8	0.21851m (13010324)	0.18532m (13010324)
0.14537m (13010324)	0.13226m (13010324)	0.16232m (13010324)
3748552.8	0.27732m (13010324)	0.22570m (13010324)
0.16945m (13010324)	0.15210m (13010324)	0.19263m (13010324)
3748502.8	0.37331m (13010324)	0.28470m (13010324)
0.20147m (13010324)	0.17777m (13010324)	0.23444m (13010324)
3748452.8	0.40343m (13010324)	0.38313m (13010324)
0.24738m (13010324)	0.21298m (13010324)	0.29811m (13010324)
3748402.8	0.34946m (13010324)	0.30533m (13010324)
0.32170m (13010324)	0.26568m (13010324)	0.41441m (13010324)
3748352.8	0.31662m (13010324)	0.36486m (13010324)
0.47079m (13010324)	0.35644m (13010324)	0.45926m (13010324)
3748302.8	0.46690m (13010324)	0.31296m (13010324)
0.35527m (13010324)	0.40457m (13010324)	0.34060m (13010324)
3748252.8	0.31464m (13010324)	0.41600m (13010324)
0.33420m (13010324)	0.34431m (13010324)	0.41793m (13010324)
3748202.8	0.23990m (13010324)	0.29226m (13010324)
0.50406m (13010324)	0.33687m (13010324)	0.36990m (13010324)
3748152.8	0.19481m (13010324)	0.22754m (13010324)
0.33276m (13010324)	0.43165m (13010324)	0.27092m (13010324)
3748102.8	0.16440m (13010324)	0.18713m (13010324)
0.25213m (13010324)	0.30287m (13010324)	0.21540m (13010324)
3748052.8	0.14239m (13010324)	0.15924m (13010324)
0.20415m (13010324)	0.23578m (13010324)	0.17939m (13010324)
3748002.8	0.12565m (13010324)	0.13873m (13010324)
0.17196m (13010324)	0.19389m (13010324)	0.15394m (13010324)
3747952.8	0.11245m (13010324)	0.12294m (13010324)
0.14871m (13010324)	0.16496m (13010324)	0.13490m (13010324)
3747902.8	0.10175m (13010324)	0.11038m (13010324)
0.13103m (13010324)	0.14364m (13010324)	0.12006m (13010324)
3747852.8	0.09288m (13010324)	0.10012m (13010324)
0.11710m (13010324)	0.12722m (13010324)	0.10814m (13010324)
3747802.8	0.08539m (13010324)	0.09156m (13010324)
0.10581m (13010324)	0.11413m (13010324)	0.09833m (13010324)
3747752.8	0.07899m (13010324)	0.08431m (13010324)
0.09645m (13010324)	0.10344m (13010324)	0.09011m (13010324)
3747702.8	0.07343m (13010324)	0.07808m (13010324)
0.08856m (13010324)	0.09452m (13010324)	0.08310m (13010324)
3747652.8	0.06856m (13010324)	0.07266m (13010324)
0.08180m (13010324)	0.08695m (13010324)	0.07706m (13010324)
3747602.8	0.06426m (13010324)	0.06789m (13010324)
0.07595m (13010324)	0.08044m (13010324)	0.07178m (13010324)
3747552.8	0.06042m (13010324)	0.06367m (13010324)
0.07082m (13010324)	0.07477m (13010324)	0.06712m (13010324)
3747502.8	0.05698m (13010324)	0.05989m (13010324)
0.06628m (13010324)	0.06979m (13010324)	0.06299m (13010324)
3747452.8	0.05387m (13010324)	0.05650m (13010324)
0.06224m (13010324)	0.06537m (13010324)	0.05929m (13010324)
3747402.8	0.05104m (13010324)	0.05343m (13010324)
0.05861m (13010324)	0.06143m (13010324)	0.05595m (13010324)
3747352.8	0.04846m (13010324)	0.05063m (13010324)
0.05533m (13010324)	0.05788m (13010324)	0.05292m (13010324)
3747302.8	0.04609m (13010324)	0.04808m (13010324)
0.05236m (13010324)	0.05466m (13010324)	0.05016m (13010324)
3747252.8	0.04391m (13010324)	0.04573m (13010324)
0.04964m (13010324)	0.05174m (13010324)	0.04764m (13010324)
3747202.8	0.04189m (13010324)	0.04356m (13010324)
		0.04532m (13010324)

0.04715m(13010324)	0.04907m(13010324)		
3747152.8	0.04002m(13010324)	0.04156m(13010324)	0.04317m(13010324)
0.04486m(13010324)	0.04661m(13010324)		
3747102.8	0.03828m(13010324)	0.03970m(13010324)	0.04119m(13010324)
0.04274m(13010324)	0.04435m(13010324)		
3747052.8	0.03665m(13010324)	0.03797m(13010324)	0.03935m(13010324)
0.04077m(13010324)	0.04226m(13010324)		
3747002.8	0.03513m(13010324)	0.03636m(13010324)	0.03763m(13010324)
0.03895m(13010324)	0.04032m(13010324)		
3746952.8	0.03371m(13010324)	0.03485m(13010324)	0.03602m(13010324)
0.03725m(13010324)	0.03851m(13010324)		
3746902.8	0.03237m(13010324)	0.03343m(13010324)	0.03452m(13010324)
0.03565m(13010324)	0.03683m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM 2.5 IN
MICROGRAMS/M**3 **

Y-COORD			X-COORD (METERS)
(METERS)	406793.32	406843.32	406893.32
406943.32	406993.32		

3746852.8	0.03111m(13010324)	0.03210m(13010324)	0.03311m(13010324)
0.03416m(13010324)	0.03525m(13010324)		
3746802.8	0.02992m(13010324)	0.03084m(13010324)	0.03179m(13010324)
0.03276m(13010324)	0.03377m(13010324)		
3746752.8	0.02880m(13010324)	0.02966m(13010324)	0.03054m(13010324)
0.03145m(13010324)	0.03239m(13010324)		
3746702.8	0.02774m(13010324)	0.02854m(13010324)	0.02936m(13010324)
0.03021m(13010324)	0.03108m(13010324)		
3746652.8	0.02673m(13010324)	0.02748m(13010324)	0.02825m(13010324)
0.02904m(13010324)	0.02985m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)		
407193.32	407043.32	407093.32
	407243.32	407143.32

3748852.8	0.07123m(13010324)	0.06829m(13010324)	0.06561m(13010324)
0.06314m(13010324)	0.06085m(13010324)		
3748802.8	0.07848m(13010324)	0.07484m(13010324)	0.07156m(13010324)
0.06859m(13010324)	0.06587m(13010324)		
3748752.8	0.08686m(13010324)	0.08233m(13010324)	0.07833m(13010324)
0.07475m(13010324)	0.07151m(13010324)		
3748702.8	0.09659m(13010324)	0.09098m(13010324)	0.08609m(13010324)
0.08177m(13010324)	0.07790m(13010324)		
3748652.8	0.10803m(13010324)	0.10106m(13010324)	0.09507m(13010324)
0.08983m(13010324)	0.08519m(13010324)		
3748602.8	0.12172m(13010324)	0.11299m(13010324)	0.10560m(13010324)
0.09921m(13010324)	0.09361m(13010324)		
3748552.8	0.13848m(13010324)	0.12741m(13010324)	0.11816m(13010324)
0.11029m(13010324)	0.10347m(13010324)		
3748502.8	0.15969m(13010324)	0.14531m(13010324)	0.13352m(13010324)
0.12363m(13010324)	0.11519m(13010324)		
3748452.8	0.18779m(13010324)	0.16837m(13010324)	0.15285m(13010324)
0.14011m(13010324)	0.12944m(13010324)		
3748402.8	0.22754m(13010324)	0.19962m(13010324)	0.17819m(13010324)
0.16115m(13010324)	0.14723m(13010324)		
3748352.8	0.28954m(13010324)	0.24514m(13010324)	0.21328m(13010324)
0.18918m(13010324)	0.17023m(13010324)		
3748302.8	0.40365m(13010324)	0.31928m(13010324)	0.26596m(13010324)
0.22889m(13010324)	0.20144m(13010324)		
3748252.8	0.44843m(13010324)	0.46757m(13010324)	0.35622m(13010324)
0.29060m(13010324)	0.24679m(13010324)		
3748202.8	0.34359m(13010324)	0.33742m(13010324)	0.40193m(13010324)
0.40332m(13010324)	0.32031m(13010324)		
3748152.8	0.42564m(13010324)	0.35459m(13010324)	0.34323m(13010324)
0.32358m(13010324)	0.46650m(13010324)		
3748102.8	0.37966m(13010324)	0.51433m(13010324)	0.47697m(13010324)
0.36185m(13010324)	0.33493m(13010324)		
3748052.8	0.27832m(13010324)	0.33989m(13010324)	0.43954m(13010324)
0.44411m(13010324)	0.38241m(13010324)		
3748002.8	0.22146m(13010324)	0.25766m(13010324)	0.30810m(13010324)
0.38472m(13010324)	0.51810m(13010324)		
3747952.8	0.18453m(13010324)	0.20877m(13010324)	0.23991m(13010324)
0.28193m(13010324)	0.34270m(13010324)		
3747902.8	0.15838m(13010324)	0.17595m(13010324)	0.19742m(13010324)
0.22449m(13010324)	0.26009m(13010324)		
3747852.8	0.13879m(13010324)	0.15221m(13010324)	0.16806m(13010324)
0.18722m(13010324)	0.21100m(13010324)		
3747802.8	0.12349m(13010324)	0.13414m(13010324)	0.14642m(13010324)
0.16081m(13010324)	0.17801m(13010324)		
3747752.8	0.11119m(13010324)	0.11988m(13010324)	0.12972m(13010324)
0.14099m(13010324)	0.15412m(13010324)		
3747702.8	0.10106m(13010324)	0.10830m(13010324)	0.11639m(13010324)
0.12550m(13010324)	0.13590m(13010324)		
3747652.8	0.09255m(13010324)	0.09869m(13010324)	0.10547m(13010324)

0.11302m(13010324)	0.12150m(13010324)		
3747602.8	0.08530m(13010324)	0.09058m(13010324)	0.09636m(13010324)
0.10272m(13010324)	0.10978m(13010324)		
3747552.8	0.07903m(13010324)	0.08362m(13010324)	0.08861m(13010324)
0.09405m(13010324)	0.10003m(13010324)		
3747502.8	0.07355m(13010324)	0.07758m(13010324)	0.08194m(13010324)
0.08665m(13010324)	0.09179m(13010324)		
3747452.8	0.06872m(13010324)	0.07229m(13010324)	0.07612m(13010324)
0.08025m(13010324)	0.08471m(13010324)		
3747402.8	0.06442m(13010324)	0.06760m(13010324)	0.07100m(13010324)
0.07465m(13010324)	0.07856m(13010324)		
3747352.8	0.06057m(13010324)	0.06342m(13010324)	0.06646m(13010324)
0.06970m(13010324)	0.07316m(13010324)		
3747302.8	0.05710m(13010324)	0.05967m(13010324)	0.06240m(13010324)
0.06529m(13010324)	0.06838m(13010324)		
3747252.8	0.05395m(13010324)	0.05628m(13010324)	0.05874m(13010324)
0.06134m(13010324)	0.06411m(13010324)		
3747202.8	0.05108m(13010324)	0.05320m(13010324)	0.05543m(13010324)
0.05778m(13010324)	0.06026m(13010324)		
3747152.8	0.04845m(13010324)	0.05038m(13010324)	0.05241m(13010324)
0.05454m(13010324)	0.05679m(13010324)		
3747102.8	0.04604m(13010324)	0.04780m(13010324)	0.04965m(13010324)
0.05159m(13010324)	0.05363m(13010324)		
3747052.8	0.04381m(13010324)	0.04543m(13010324)	0.04712m(13010324)
0.04889m(13010324)	0.05074m(13010324)		
3747002.8	0.04175m(13010324)	0.04323m(13010324)	0.04478m(13010324)
0.04640m(13010324)	0.04810m(13010324)		
3746952.8	0.03983m(13010324)	0.04120m(13010324)	0.04262m(13010324)
0.04411m(13010324)	0.04566m(13010324)		
3746902.8	0.03804m(13010324)	0.03931m(13010324)	0.04062m(13010324)
0.04198m(13010324)	0.04340m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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	, . . .	,		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	407043.32	407093.32
407193.32	407243.32	407143.32

3746852.8	0.03638m(13010324)	0.03754m(13010324)	0.03875m(13010324)
0.04001m(13010324)	0.04131m(13010324)		
3746802.8	0.03482m(13010324)	0.03590m(13010324)	0.03701m(13010324)
0.03817m(13010324)	0.03937m(13010324)		
3746752.8	0.03335m(13010324)	0.03435m(13010324)	0.03538m(13010324)

0.03645m(13010324) 0.03756m(13010324)
3746702.8 | 0.03198m(13010324) 0.03291m(13010324) 0.03386m(13010324)
0.03485m(13010324) 0.03587m(13010324)
3746652.8 | 0.03069m(13010324) 0.03154m(13010324) 0.03243m(13010324)
0.03334m(13010324) 0.03428m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 407293.32 407343.32 407393.32
407443.32 407493.32

3748852.8 | 0.05873m(13010324) 0.05674m(13010324) 0.05488m(13010324)
0.05312m(13010324) 0.05145m(13010324)
3748802.8 | 0.06336m(13010324) 0.06104m(13010324) 0.05888m(13010324)
0.05685m(13010324) 0.05495m(13010324)
3748752.8 | 0.06855m(13010324) 0.06584m(13010324) 0.06332m(13010324)
0.06099m(13010324) 0.05881m(13010324)
3748702.8 | 0.07440m(13010324) 0.07121m(13010324) 0.06829m(13010324)
0.06559m(13010324) 0.06308m(13010324)
3748652.8 | 0.08104m(13010324) 0.07729m(13010324) 0.07387m(13010324)
0.07073m(13010324) 0.06784m(13010324)
3748602.8 | 0.08865m(13010324) 0.08420m(13010324) 0.08019m(13010324)
0.07653m(13010324) 0.07318m(13010324)
3748552.8 | 0.09748m(13010324) 0.09217m(13010324) 0.08741m(13010324)
0.08311m(13010324) 0.07921m(13010324)
3748502.8 | 0.10787m(13010324) 0.10145m(13010324) 0.09576m(13010324)
0.09067m(13010324) 0.08609m(13010324)
3748452.8 | 0.12033m(13010324) 0.11245m(13010324) 0.10556m(13010324)
0.09946m(13010324) 0.09401m(13010324)
3748402.8 | 0.13561m(13010324) 0.12574m(13010324) 0.11724m(13010324)
0.10981m(13010324) 0.10326m(13010324)
3748352.8 | 0.15489m(13010324) 0.14218m(13010324) 0.13145m(13010324)
0.12224m(13010324) 0.11424m(13010324)
3748302.8 | 0.18019m(13010324) 0.16319m(13010324) 0.14922m(13010324)
0.13750m(13010324) 0.12751m(13010324)
3748252.8 | 0.21520m(13010324) 0.19119m(13010324) 0.17222m(13010324)
0.15679m(13010324) 0.14395m(13010324)
3748202.8 | 0.26766m(13010324) 0.23085m(13010324) 0.20345m(13010324)
0.18212m(13010324) 0.16498m(13010324)
3748152.8 | 0.35741m(13010324) 0.29255m(13010324) 0.24891m(13010324)
0.21724m(13010324) 0.19306m(13010324)
3748102.8 | 0.41171m(13010324) 0.40561m(13010324) 0.32286m(13010324)

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS ***                    07/06/23
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INCLDING 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M**3 **

Y-COORD		X-COORD (METERS)
(METERS)		
407443.32	407293.32 407343.32 407393.32	

3746852.8	0.04267m(13010324)	0.04408m(13010324)	0.04556m(13010324)
0.04710m(13010324)	0.04872m(13010324)		
3746802.8	0.04061m(13010324)	0.04191m(13010324)	0.04326m(13010324)
0.04466m(13010324)	0.04613m(13010324)		
3746752.8	0.03870m(13010324)	0.03989m(13010324)	0.04112m(13010324)
0.04240m(13010324)	0.04374m(13010324)		
3746702.8	0.03692m(13010324)	0.03801m(13010324)	0.03914m(13010324)
0.04031m(13010324)	0.04153m(13010324)		
3746652.8	0.03525m(13010324)	0.03625m(13010324)	0.03729m(13010324)
0.03836m(13010324)	0.03947m(13010324)		

*** AERMOD - VERSION 22112 *** ** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M**3 **

Y-COORD		X-COORD (METERS)
(METERS)		
407693.32	407543.32 407593.32 407643.32	

3748852.8	0.04987m(13010324)	0.04837m(13010324)	0.04693m(13010324)
0.04556m(13010324)	0.04425m(13010324)		
3748802.8	0.05315m(13010324)	0.05145m(13010324)	0.04983m(13010324)
0.04830m(13010324)	0.04683m(13010324)		
3748752.8	0.05676m(13010324)	0.05483m(13010324)	0.05301m(13010324)
0.05128m(13010324)	0.04964m(13010324)		
3748702.8	0.06074m(13010324)	0.05855m(13010324)	0.05649m(13010324)
0.05454m(13010324)	0.05270m(13010324)		
3748652.8	0.06516m(13010324)	0.06266m(13010324)	0.06032m(13010324)
0.05813m(13010324)	0.05606m(13010324)		
3748602.8	0.07009m(13010324)	0.06723m(13010324)	0.06457m(13010324)
0.06208m(13010324)	0.05975m(13010324)		
3748552.8	0.07563m(13010324)	0.07234m(13010324)	0.06930m(13010324)

0.06647m (13010324)	0.06384m (13010324)	
3748502.8	0.08192m (13010324)	0.07811m (13010324)
0.07138m (13010324)	0.06838m (13010324)	
3748452.8	0.08911m (13010324)	0.08466m (13010324)
0.07689m (13010324)	0.07346m (13010324)	
3748402.8	0.09743m (13010324)	0.09219m (13010324)
0.08314m (13010324)	0.07919m (13010324)	
3748352.8	0.10720m (13010324)	0.10095m (13010324)
0.09030m (13010324)	0.08572m (13010324)	
3748302.8	0.11886m (13010324)	0.11129m (13010324)
0.09860m (13010324)	0.09321m (13010324)	
3748252.8	0.13307m (13010324)	0.12370m (13010324)
0.10834m (13010324)	0.10194m (13010324)	
3748202.8	0.15085m (13010324)	0.13896m (13010324)
0.11998m (13010324)	0.11224m (13010324)	
3748152.8	0.17390m (13010324)	0.15828m (13010324)
0.13418m (13010324)	0.12464m (13010324)	
3748102.8	0.20524m (13010324)	0.18367m (13010324)
0.15197m (13010324)	0.13989m (13010324)	
3748052.8	0.25095m (13010324)	0.21893m (13010324)
0.17506m (13010324)	0.15921m (13010324)	
3748002.8	0.32549m (13010324)	0.27201m (13010324)
0.20649m (13010324)	0.18465m (13010324)	
3747952.8	0.47463m (13010324)	0.36342m (13010324)
0.25242m (13010324)	0.22002m (13010324)	
3747902.8	0.50154m (13010324)	0.41896m (13010324)
0.32750m (13010324)	0.27337m (13010324)	
3747852.8	0.34418m (13010324)	0.36371m (13010324)
0.47869m (13010324)	0.36552m (13010324)	
3747802.8	0.51476m (13010324)	0.33655m (13010324)
0.35420m (13010324)	0.41217m (13010324)	
3747752.8	0.34223m (13010324)	0.43764m (13010324)
0.34943m (13010324)	0.34975m (13010324)	
3747702.8	0.26086m (13010324)	0.30929m (13010324)
0.51107m (13010324)	0.47747m (13010324)	
3747652.8	0.21221m (13010324)	0.24213m (13010324)
0.34133m (13010324)	0.43592m (13010324)	
3747602.8	0.17936m (13010324)	0.19996m (13010324)
0.26061m (13010324)	0.30891m (13010324)	
3747552.8	0.15548m (13010324)	0.17065m (13010324)
0.21218m (13010324)	0.24204m (13010324)	
3747502.8	0.13720m (13010324)	0.14891m (13010324)
0.17940m (13010324)	0.19995m (13010324)	
3747452.8	0.12269m (13010324)	0.13205m (13010324)
0.15552m (13010324)	0.17064m (13010324)	
3747402.8	0.11086m (13010324)	0.11852m (13010324)
0.13723m (13010324)	0.14888m (13010324)	
3747352.8	0.10099m (13010324)	0.10739m (13010324)
0.12269m (13010324)	0.13198m (13010324)	
3747302.8	0.09261m (13010324)	0.09804m (13010324)
0.11081m (13010324)	0.11841m (13010324)	
3747252.8	0.08540m (13010324)	0.09006m (13010324)
0.10088m (13010324)	0.10723m (13010324)	
3747202.8	0.07911m (13010324)	0.08316m (13010324)
0.09245m (13010324)	0.09783m (13010324)	
3747152.8	0.07357m (13010324)	0.07712m (13010324)
0.08518m (13010324)	0.08979m (13010324)	
3747102.8	0.06865m (13010324)	0.07178m (13010324)
0.07883m (13010324)	0.08282m (13010324)	
3747052.8	0.06425m (13010324)	0.06703m (13010324)
0.07322m (13010324)	0.07671m (13010324)	
3747002.8	0.06028m (13010324)	0.06276m (13010324)
0.06824m (13010324)	0.07130m (13010324)	
3746952.8	0.05669m (13010324)	0.05890m (13010324)
0.06378m (13010324)	0.06647m (13010324)	
3746902.8	0.05342m (13010324)	0.05540m (13010324)

0.05975m(13010324) 0.06214m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD		X-COORD (METERS)
(METERS)	407543.32 407593.32	407643.32
407693.32	407743.32	

3746852.8 | 0.05042m(13010324) 0.05221m(13010324) 0.05410m(13010324)
0.05610m(13010324) 0.05822m(13010324)
3746802.8 | 0.04767m(13010324) 0.04928m(13010324) 0.05098m(13010324)
0.05277m(13010324) 0.05466m(13010324)
3746752.8 | 0.04513m(13010324) 0.04659m(13010324) 0.04812m(13010324)
0.04972m(13010324) 0.05141m(13010324)
3746702.8 | 0.04279m(13010324) 0.04411m(13010324) 0.04549m(13010324)
0.04693m(13010324) 0.04844m(13010324)
3746652.8 | 0.04062m(13010324) 0.04182m(13010324) 0.04306m(13010324)
0.04436m(13010324) 0.04571m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD		X-COORD (METERS)

(METERS)	407793.32	407843.32	407893.32
407943.32	407993.32		

3748852.8	0.04298m(13010324)	0.04177m(13010324)	0.04060m(13010324)
0.03948m(13010324)	0.03839m(13010324)		
3748802.8	0.04543m(13010324)	0.04408m(13010324)	0.04279m(13010324)
0.04155m(13010324)	0.04035m(13010324)		
3748752.8	0.04807m(13010324)	0.04658m(13010324)	0.04515m(13010324)
0.04379m(13010324)	0.04247m(13010324)		
3748702.8	0.05096m(13010324)	0.04930m(13010324)	0.04771m(13010324)
0.04620m(13010324)	0.04476m(13010324)		
3748652.8	0.05411m(13010324)	0.05226m(13010324)	0.05050m(13010324)
0.04883m(13010324)	0.04723m(13010324)		
3748602.8	0.05756m(13010324)	0.05549m(13010324)	0.05354m(13010324)
0.05168m(13010324)	0.04991m(13010324)		
3748552.8	0.06137m(13010324)	0.05905m(13010324)	0.05686m(13010324)
0.05480m(13010324)	0.05284m(13010324)		
3748502.8	0.06559m(13010324)	0.06297m(13010324)	0.06052m(13010324)
0.05822m(13010324)	0.05604m(13010324)		
3748452.8	0.07028m(13010324)	0.06733m(13010324)	0.06457m(13010324)
0.06198m(13010324)	0.05955m(13010324)		
3748402.8	0.07556m(13010324)	0.07220m(13010324)	0.06907m(13010324)
0.06616m(13010324)	0.06343m(13010324)		
3748352.8	0.08152m(13010324)	0.07767m(13010324)	0.07411m(13010324)
0.07081m(13010324)	0.06774m(13010324)		
3748302.8	0.08833m(13010324)	0.08388m(13010324)	0.07980m(13010324)
0.07604m(13010324)	0.07255m(13010324)		
3748252.8	0.09619m(13010324)	0.09100m(13010324)	0.08627m(13010324)
0.08195m(13010324)	0.07797m(13010324)		
3748202.8	0.10539m(13010324)	0.09925m(13010324)	0.09372m(13010324)
0.08871m(13010324)	0.08412m(13010324)		
3748152.8	0.11631m(13010324)	0.10895m(13010324)	0.10240m(13010324)
0.09651m(13010324)	0.09118m(13010324)		
3748102.8	0.12954m(13010324)	0.12055m(13010324)	0.11266m(13010324)
0.10564m(13010324)	0.09936m(13010324)		
3748052.8	0.14597m(13010324)	0.13472m(13010324)	0.12500m(13010324)
0.11650m(13010324)	0.10899m(13010324)		
3748002.8	0.16704m(13010324)	0.15248m(13010324)	0.14020m(13010324)
0.12967m(13010324)	0.12051m(13010324)		
3747952.8	0.19524m(13010324)	0.17556m(13010324)	0.15948m(13010324)
0.14603m(13010324)	0.13459m(13010324)		
3747902.8	0.23539m(13010324)	0.20702m(13010324)	0.18488m(13010324)
0.16703m(13010324)	0.15225m(13010324)		
3747852.8	0.29827m(13010324)	0.25305m(13010324)	0.22023m(13010324)
0.19514m(13010324)	0.17521m(13010324)		
3747802.8	0.41459m(13010324)	0.32837m(13010324)	0.27355m(13010324)
0.23517m(13010324)	0.20652m(13010324)		
3747752.8	0.46527m(13010324)	0.48067m(13010324)	0.36559m(13010324)
0.29779m(13010324)	0.25229m(13010324)		
3747702.8	0.35528m(13010324)	0.34100m(13010324)	0.41401m(13010324)
0.41346m(13010324)	0.32713m(13010324)		
3747652.8	0.43257m(13010324)	0.37174m(13010324)	0.35227m(13010324)
0.32598m(13010324)	0.47803m(13010324)		
3747602.8	0.38245m(13010324)	0.51070m(13010324)	0.48233m(13010324)
0.37856m(13010324)	0.34110m(13010324)		
3747552.8	0.28261m(13010324)	0.34160m(13010324)	0.43699m(13010324)
0.45186m(13010324)	0.36755m(13010324)		
3747502.8	0.22608m(13010324)	0.26070m(13010324)	0.30921m(13010324)
0.38322m(13010324)	0.51256m(13010324)		
3747452.8	0.18908m(13010324)	0.21217m(13010324)	0.24213m(13010324)
0.28288m(13010324)	0.34225m(13010324)		
3747402.8	0.16269m(13010324)	0.17935m(13010324)	0.19995m(13010324)
0.22624m(13010324)	0.26117m(13010324)		
3747352.8	0.14276m(13010324)	0.15543m(13010324)	0.17061m(13010324)

0.18920m(13010324)	0.21263m(13010324)		
3747302.8	0.12708m(13010324)	0.13709m(13010324)	0.14881m(13010324)
0.16276m(13010324)	0.17975m(13010324)		
3747252.8	0.11437m(13010324)	0.12250m(13010324)	0.13184m(13010324)
0.14276m(13010324)	0.15572m(13010324)		
3747202.8	0.10381m(13010324)	0.11055m(13010324)	0.11819m(13010324)
0.12698m(13010324)	0.13721m(13010324)		
3747152.8	0.09488m(13010324)	0.10055m(13010324)	0.10691m(13010324)
0.11413m(13010324)	0.12242m(13010324)		
3747102.8	0.08719m(13010324)	0.09202m(13010324)	0.09740m(13010324)
0.10343m(13010324)	0.11026m(13010324)		
3747052.8	0.08050m(13010324)	0.08465m(13010324)	0.08924m(13010324)
0.09434m(13010324)	0.10005m(13010324)		
3747002.8	0.07461m(13010324)	0.07821m(13010324)	0.08215m(13010324)
0.08650m(13010324)	0.09133m(13010324)		
3746952.8	0.06938m(13010324)	0.07252m(13010324)	0.07593m(13010324)
0.07967m(13010324)	0.08378m(13010324)		
3746902.8	0.06469m(13010324)	0.06744m(13010324)	0.07042m(13010324)
0.07364m(13010324)	0.07716m(13010324)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	407793.32	407843.32
407943.32	407993.32	407893.32

3746852.8	0.06048m(13010324)	0.06290m(13010324)	0.06549m(13010324)
0.06829m(13010324)	0.07132m(13010324)		
3746802.8	0.05666m(13010324)	0.05879m(13010324)	0.06107m(13010324)
0.06350m(13010324)	0.06612m(13010324)		
3746752.8	0.05319m(13010324)	0.05507m(13010324)	0.05707m(13010324)
0.05920m(13010324)	0.06147m(13010324)		
3746702.8	0.05002m(13010324)	0.05169m(13010324)	0.05345m(13010324)
0.05531m(13010324)	0.05728m(13010324)		
3746652.8	0.04712m(13010324)	0.04860m(13010324)	0.05015m(13010324)
0.05178m(13010324)	0.05350m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)	408043.32	408093.32	408143.32
408193.32	408243.32		

3748852.8	0.03734m(13010324)	0.03632m(13010324)	0.03533m(13010324)
0.03438m(13010324)	0.03345m(13010324)		
3748802.8	0.03920m(13010324)	0.03809m(13010324)	0.03702m(13010324)
0.03598m(13010324)	0.03497m(13010324)		
3748752.8	0.04121m(13010324)	0.03999m(13010324)	0.03882m(13010324)
0.03769m(13010324)	0.03660m(13010324)		
3748702.8	0.04337m(13010324)	0.04204m(13010324)	0.04076m(13010324)
0.03953m(13010324)	0.03834m(13010324)		
3748652.8	0.04570m(13010324)	0.04424m(13010324)	0.04284m(13010324)
0.04150m(13010324)	0.04020m(13010324)		
3748602.8	0.04823m(13010324)	0.04663m(13010324)	0.04509m(13010324)
0.04362m(13010324)	0.04221m(13010324)		
3748552.8	0.05098m(13010324)	0.04921m(13010324)	0.04752m(13010324)
0.04591m(13010324)	0.04437m(13010324)		
3748502.8	0.05398m(13010324)	0.05202m(13010324)	0.05016m(13010324)
0.04839m(13010324)	0.04670m(13010324)		
3748452.8	0.05726m(13010324)	0.05509m(13010324)	0.05304m(13010324)
0.05109m(13010324)	0.04923m(13010324)		
3748402.8	0.06087m(13010324)	0.05846m(13010324)	0.05618m(13010324)
0.05403m(13010324)	0.05198m(13010324)		
3748352.8	0.06487m(13010324)	0.06217m(13010324)	0.05964m(13010324)
0.05725m(13010324)	0.05499m(13010324)		
3748302.8	0.06931m(13010324)	0.06629m(13010324)	0.06345m(13010324)
0.06079m(13010324)	0.05828m(13010324)		
3748252.8	0.07429m(13010324)	0.07087m(13010324)	0.06769m(13010324)
0.06471m(13010324)	0.06192m(13010324)		
3748202.8	0.07991m(13010324)	0.07603m(13010324)	0.07243m(13010324)
0.06908m(13010324)	0.06594m(13010324)		
3748152.8	0.08632m(13010324)	0.08186m(13010324)	0.07776m(13010324)
0.07397m(13010324)	0.07044m(13010324)		
3748102.8	0.09369m(13010324)	0.08854m(13010324)	0.08382m(13010324)
0.07949m(13010324)	0.07548m(13010324)		
3748052.8	0.10228m(13010324)	0.09625m(13010324)	0.09077m(13010324)
0.08578m(13010324)	0.08120m(13010324)		
3748002.8	0.11245m(13010324)	0.10528m(13010324)	0.09884m(13010324)
0.09303m(13010324)	0.08774m(13010324)		
3747952.8	0.12469m(13010324)	0.11602m(13010324)	0.10834m(13010324)
0.10148m(13010324)	0.09529m(13010324)		
3747902.8	0.13978m(13010324)	0.12906m(13010324)	0.11972m(13010324)
0.11148m(13010324)	0.10414m(13010324)		
3747852.8	0.15891m(13010324)	0.14527m(13010324)	0.13362m(13010324)
0.12353m(13010324)	0.11468m(13010324)		
3747802.8	0.18415m(13010324)	0.16607m(13010324)	0.15108m(13010324)

0.13838m(13010324)	0.12745m(13010324)		
3747752.8	0.21926m(13010324)	0.19395m(13010324)	0.17378m(13010324)
0.15723m(13010324)	0.14332m(13010324)		
3747702.8	0.27223m(13010324)	0.23366m(13010324)	0.20475m(13010324)
0.18207m(13010324)	0.16367m(13010324)		
3747652.8	0.36363m(13010324)	0.29582m(13010324)	0.25006m(13010324)
0.21662m(13010324)	0.19087m(13010324)		
3747602.8	0.42487m(13010324)	0.41057m(13010324)	0.32416m(13010324)
0.26868m(13010324)	0.22944m(13010324)		
3747552.8	0.37218m(13010324)	0.32396m(13010324)	0.47297m(13010324)
0.35819m(13010324)	0.28921m(13010324)		
3747502.8	0.33326m(13010324)	0.37952m(13010324)	0.35356m(13010324)
0.55604m(13010324)	0.39684m(13010324)		
3747452.8	0.43870m(13010324)	0.31631m(13010324)	0.34768m(13010324)
0.37739m(13010324)	0.44653m(13010324)		
3747402.8	0.31042m(13010324)	0.38643m(13010324)	0.52472m(13010324)
0.33551m(13010324)	0.35270m(13010324)		
3747352.8	0.24333m(13010324)	0.28586m(13010324)	0.35008m(13010324)
0.46204m(13010324)	0.45722m(13010324)		
3747302.8	0.20104m(13010324)	0.22874m(13010324)	0.26675m(13010324)
0.32295m(13010324)	0.41574m(13010324)		
3747252.8	0.17146m(13010324)	0.19110m(13010324)	0.21651m(13010324)
0.25093m(13010324)	0.30054m(13010324)		
3747202.8	0.14936m(13010324)	0.16407m(13010324)	0.18235m(13010324)
0.20580m(13010324)	0.23714m(13010324)		
3747152.8	0.13208m(13010324)	0.14351m(13010324)	0.15731m(13010324)
0.17437m(13010324)	0.19609m(13010324)		
3747102.8	0.11811m(13010324)	0.12722m(13010324)	0.13799m(13010324)
0.15094m(13010324)	0.16687m(13010324)		
3747052.8	0.10653m(13010324)	0.11394m(13010324)	0.12254m(13010324)
0.13266m(13010324)	0.14478m(13010324)		
3747002.8	0.09674m(13010324)	0.10285m(13010324)	0.10983m(13010324)
0.11790m(13010324)	0.12736m(13010324)		
3746952.8	0.08833m(13010324)	0.09343m(13010324)	0.09917m(13010324)
0.10570m(13010324)	0.11320m(13010324)		
3746902.8	0.08103m(13010324)	0.08531m(13010324)	0.09007m(13010324)
0.09541m(13010324)	0.10145m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE 1ST HIGHEST 24-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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD		X-COORD (METERS)
(METERS)	408043.32	408093.32
408193.32	408243.32	408143.32

3746852.8	0.07462m(13010324)	0.07824m(13010324)	0.08221m(13010324)
0.08661m(13010324)	0.09152m(13010324)		
3746802.8	0.06895m(13010324)	0.07202m(13010324)	0.07536m(13010324)
0.07901m(13010324)	0.08302m(13010324)		
3746752.8	0.06390m(13010324)	0.06651m(13010324)	0.06933m(13010324)
0.07237m(13010324)	0.07568m(13010324)		
3746702.8	0.05938m(13010324)	0.06161m(13010324)	0.06399m(13010324)
0.06654m(13010324)	0.06927m(13010324)		
3746652.8	0.05531m(13010324)	0.05722m(13010324)	0.05924m(13010324)
0.06138m(13010324)	0.06365m(13010324)		

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	408293.32	408343.32
408443.32	408493.32	408393.32

3748852.8	0.03255m(13010324)	0.03167m(13010324)	0.03082m(13010324)
0.03000m(13010324)	0.02919m(13010324)		
3748802.8	0.03400m(13010324)	0.03305m(13010324)	0.03214m(13010324)
0.03125m(13010324)	0.03038m(13010324)		
3748752.8	0.03554m(13010324)	0.03452m(13010324)	0.03353m(13010324)
0.03257m(13010324)	0.03164m(13010324)		
3748702.8	0.03719m(13010324)	0.03608m(13010324)	0.03501m(13010324)
0.03398m(13010324)	0.03298m(13010324)		
3748652.8	0.03896m(13010324)	0.03776m(13010324)	0.03660m(13010324)
0.03548m(13010324)	0.03440m(13010324)		
3748602.8	0.04085m(13010324)	0.03955m(13010324)	0.03829m(13010324)
0.03708m(13010324)	0.03591m(13010324)		
3748552.8	0.04289m(13010324)	0.04147m(13010324)	0.04010m(13010324)
0.03879m(13010324)	0.03753m(13010324)		
3748502.8	0.04508m(13010324)	0.04354m(13010324)	0.04205m(13010324)
0.04063m(13010324)	0.03926m(13010324)		
3748452.8	0.04746m(13010324)	0.04577m(13010324)	0.04415m(13010324)
0.04260m(13010324)	0.04112m(13010324)		
3748402.8	0.05004m(13010324)	0.04818m(13010324)	0.04642m(13010324)
0.04473m(13010324)	0.04311m(13010324)		
3748352.8	0.05284m(13010324)	0.05081m(13010324)	0.04887m(13010324)
0.04703m(13010324)	0.04526m(13010324)		
3748302.8	0.05591m(13010324)	0.05367m(13010324)	0.05154m(13010324)
0.04952m(13010324)	0.04759m(13010324)		
3748252.8	0.05929m(13010324)	0.05680m(13010324)	0.05446m(13010324)

0.05223m(13010324)	0.05012m(13010324)	
3748202.8	0.06301m(13010324)	0.06025m(13010324)
0.05520m(13010324)	0.05288m(13010324)	
3748152.8	0.06715m(13010324)	0.06407m(13010324)
0.05846m(13010324)	0.05589m(13010324)	
3748102.8	0.07177m(13010324)	0.06831m(13010324)
0.06205m(13010324)	0.05921m(13010324)	
3748052.8	0.07698m(13010324)	0.07307m(13010324)
0.06604m(13010324)	0.06287m(13010324)	
3748002.8	0.08289m(13010324)	0.07844m(13010324)
0.07050m(13010324)	0.06695m(13010324)	
3747952.8	0.08968m(13010324)	0.08456m(13010324)
0.07552m(13010324)	0.07151m(13010324)	
3747902.8	0.09756m(13010324)	0.09160m(13010324)
0.08121m(13010324)	0.07665m(13010324)	
3747852.8	0.10682m(13010324)	0.09980m(13010324)
0.08773m(13010324)	0.08249m(13010324)	
3747802.8	0.11791m(13010324)	0.10949m(13010324)
0.09527m(13010324)	0.08920m(13010324)	
3747752.8	0.13144m(13010324)	0.12113m(13010324)
0.10412m(13010324)	0.09699m(13010324)	
3747702.8	0.14838m(13010324)	0.13544m(13010324)
0.11465m(13010324)	0.10615m(13010324)	
3747652.8	0.17032m(13010324)	0.15348m(13010324)
0.12742m(13010324)	0.11709m(13010324)	
3747602.8	0.20000m(13010324)	0.17703m(13010324)
0.14326m(13010324)	0.13041m(13010324)	
3747552.8	0.24280m(13010324)	0.20925m(13010324)
0.16350m(13010324)	0.14703m(13010324)	
3747502.8	0.31075m(13010324)	0.25647m(13010324)
0.19040m(13010324)	0.16842m(13010324)	
3747452.8	0.43864m(13010324)	0.33368m(13010324)
0.22820m(13010324)	0.19713m(13010324)	
3747402.8	0.47090m(13010324)	0.48903m(13010324)
0.28603m(13010324)	0.23808m(13010324)	
3747352.8	0.34602m(13010324)	0.34165m(13010324)
0.38813m(13010324)	0.30213m(13010324)	
3747302.8	0.42126m(13010324)	0.35757m(13010324)
0.43446m(13010324)	0.41981m(13010324)	
3747252.8	0.37912m(13010324)	0.52579m(13010324)
0.35708m(13010324)	0.31727m(13010324)	
3747202.8	0.28147m(13010324)	0.34989m(13010324)
0.32305m(13010324)	0.38294m(13010324)	
3747152.8	0.22482m(13010324)	0.26493m(13010324)
0.42940m(13010324)	0.30842m(13010324)	
3747102.8	0.18701m(13010324)	0.21341m(13010324)
0.30330m(13010324)	0.39130m(13010324)	
3747052.8	0.15959m(13010324)	0.17817m(13010324)
0.23469m(13010324)	0.28104m(13010324)	
3747002.8	0.13861m(13010324)	0.15224m(13010324)
0.19058m(13010324)	0.21868m(13010324)	
3746952.8	0.12194m(13010324)	0.13223m(13010324)
0.15952m(13010324)	0.17804m(13010324)	
3746902.8	0.10834m(13010324)	0.11627m(13010324)
0.13635m(13010324)	0.14924m(13010324)	

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FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
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      ,
L0000027      , L0000028      , . . .      ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M**3 **

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Y-COORD | X-COORD (METERS)
(METERS) |
408443.32 408293.32 408343.32 408393.32
408493.32

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3746852.8 | 0.09702m(13010324) 0.10323m(13010324) 0.11029m(13010324)
0.11836m(13010324) 0.12765m(13010324)
3746802.8 | 0.08746m(13010324) 0.09237m(13010324) 0.09784m(13010324)
0.10396m(13010324) 0.11082m(13010324)
3746752.8 | 0.07927m(13010324) 0.08320m(13010324) 0.08748m(13010324)
0.09218m(13010324) 0.09733m(13010324)
3746702.8 | 0.07221m(13010324) 0.07536m(13010324) 0.07874m(13010324)
0.08238m(13010324) 0.08628m(13010324)
3746652.8 | 0.06605m(13010324) 0.06859m(13010324) 0.07128m(13010324)
0.07412m(13010324) 0.07710m(13010324)

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*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M**3 **

```

Y-COORD | X-COORD (METERS)
(METERS) |
408693.32 408543.32 408593.32 408643.32
408743.32

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3748852.8 | 0.02841m(13010324) 0.02765m(13010324) 0.02691m(13010324)
0.02619m(13010324) 0.02549m(13010324)
3748802.8 | 0.02954m(13010324) 0.02873m(13010324) 0.02793m(13010324)
0.02716m(13010324) 0.02641m(13010324)
3748752.8 | 0.03074m(13010324) 0.02986m(13010324) 0.02901m(13010324)
0.02819m(13010324) 0.02739m(13010324)
3748702.8 | 0.03201m(13010324) 0.03107m(13010324) 0.03016m(13010324)

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0.02927m (13010324)	0.02842m (13010324)	
3748652.8	0.03335m (13010324)	0.03234m (13010324)
0.03042m (13010324)	0.02950m (13010324)	0.03137m (13010324)
3748602.8	0.03479m (13010324)	0.03370m (13010324)
0.03163m (13010324)	0.03065m (13010324)	0.03265m (13010324)
3748552.8	0.03631m (13010324)	0.03514m (13010324)
0.03292m (13010324)	0.03186m (13010324)	0.03401m (13010324)
3748502.8	0.03795m (13010324)	0.03668m (13010324)
0.03428m (13010324)	0.03315m (13010324)	0.03546m (13010324)
3748452.8	0.03969m (13010324)	0.03832m (13010324)
0.03574m (13010324)	0.03452m (13010324)	0.03701m (13010324)
3748402.8	0.04157m (13010324)	0.04008m (13010324)
0.03729m (13010324)	0.03598m (13010324)	0.03866m (13010324)
3748352.8	0.04358m (13010324)	0.04197m (13010324)
0.03895m (13010324)	0.03753m (13010324)	0.04043m (13010324)
3748302.8	0.04576m (13010324)	0.04401m (13010324)
0.04073m (13010324)	0.03920m (13010324)	0.04233m (13010324)
3748252.8	0.04811m (13010324)	0.04620m (13010324)
0.04264m (13010324)	0.04098m (13010324)	0.04438m (13010324)
3748202.8	0.05067m (13010324)	0.04858m (13010324)
0.04470m (13010324)	0.04290m (13010324)	0.04660m (13010324)
3748152.8	0.05347m (13010324)	0.05117m (13010324)
0.04693m (13010324)	0.04497m (13010324)	0.04900m (13010324)
3748102.8	0.05653m (13010324)	0.05400m (13010324)
0.04935m (13010324)	0.04720m (13010324)	0.05161m (13010324)
3748052.8	0.05990m (13010324)	0.05710m (13010324)
0.05198m (13010324)	0.04963m (13010324)	0.05447m (13010324)
3748002.8	0.06363m (13010324)	0.06052m (13010324)
0.05486m (13010324)	0.05228m (13010324)	0.05761m (13010324)
3747952.8	0.06778m (13010324)	0.06431m (13010324)
0.05803m (13010324)	0.05518m (13010324)	0.06107m (13010324)
3747902.8	0.07244m (13010324)	0.06854m (13010324)
0.06153m (13010324)	0.05837m (13010324)	0.06491m (13010324)
3747852.8	0.07770m (13010324)	0.07328m (13010324)
0.06542m (13010324)	0.06190m (13010324)	0.06920m (13010324)
3747802.8	0.08369m (13010324)	0.07865m (13010324)
0.06977m (13010324)	0.06583m (13010324)	0.07403m (13010324)
3747752.8	0.09058m (13010324)	0.08478m (13010324)
0.07467m (13010324)	0.07023m (13010324)	0.07950m (13010324)
3747702.8	0.09860m (13010324)	0.09185m (13010324)
0.08024m (13010324)	0.07520m (13010324)	0.08577m (13010324)
3747652.8	0.10807m (13010324)	0.10010m (13010324)
0.08664m (13010324)	0.08087m (13010324)	0.09301m (13010324)
3747602.8	0.11941m (13010324)	0.10987m (13010324)
0.09405m (13010324)	0.08739m (13010324)	0.10149m (13010324)
3747552.8	0.13330m (13010324)	0.12164m (13010324)
0.10278m (13010324)	0.09499m (13010324)	0.11158m (13010324)
3747502.8	0.15072m (13010324)	0.13611m (13010324)
0.11321m (13010324)	0.10399m (13010324)	0.12378m (13010324)
3747452.8	0.17332m (13010324)	0.15439m (13010324)
0.12592m (13010324)	0.11481m (13010324)	0.13890m (13010324)
3747402.8	0.20398m (13010324)	0.17831m (13010324)
0.14180m (13010324)	0.12814m (13010324)	0.15816m (13010324)
3747352.8	0.24836m (13010324)	0.21117m (13010324)
0.16229m (13010324)	0.14501m (13010324)	0.18367m (13010324)
3747302.8	0.31948m (13010324)	0.25961m (13010324)
0.18994m (13010324)	0.16721m (13010324)	0.21930m (13010324)
3747252.8	0.45659m (13010324)	0.33961m (13010324)
0.22966m (13010324)	0.19800m (13010324)	0.27326m (13010324)
3747202.8	0.33242m (13010324)	0.50256m (13010324)
0.29278m (13010324)	0.24426m (13010324)	0.36679m (13010324)
3747152.8	0.34247m (13010324)	0.50449m (13010324)
0.41344m (13010324)	0.32347m (13010324)	0.41832m (13010324)
3747102.8	0.39914m (13010324)	0.32335m (13010324)
0.45492m (13010324)	0.49785m (13010324)	0.34331m (13010324)
3747052.8	0.35254m (13010324)	0.47668m (13010324)
		0.31143m (13010324)

0.32642m(13010324) 0.33021m(13010324)
3747002.8 | 0.25681m(13010324) 0.31077m(13010324) 0.39240m(13010324)
0.38129m(13010324) 0.31487m(13010324)
3746952.8 | 0.20138m(13010324) 0.23148m(13010324) 0.27176m(13010324)
0.32937m(13010324) 0.42153m(13010324)
3746902.8 | 0.16472m(13010324) 0.18360m(13010324) 0.20719m(13010324)
0.23779m(13010324) 0.27983m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 408543.32 408593.32 408643.32
408693.32 408743.32

3746852.8 | 0.13843m(13010324) 0.15106m(13010324) 0.16609m(13010324)
0.18440m(13010324) 0.20742m(13010324)
3746802.8 | 0.11855m(13010324) 0.12732m(13010324) 0.13735m(13010324)
0.14896m(13010324) 0.16261m(13010324)
3746752.8 | 0.10298m(13010324) 0.10920m(13010324) 0.11606m(13010324)
0.12365m(13010324) 0.13205m(13010324)
3746702.8 | 0.09047m(13010324) 0.09494m(13010324) 0.09970m(13010324)
0.10473m(13010324) 0.10999m(13010324)
3746652.8 | 0.08022m(13010324) 0.08346m(13010324) 0.08678m(13010324)
0.09014m(13010324) 0.09346m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

** CONC OF PM 2.5 IN
MICROGRAMS/M**3

**

Y-COORD		X-COORD (METERS)
(METERS)	408793.32	408843.32
408943.32	408993.32	408893.32

3748852.8	0.02480m(13010324)	0.02414m(13010324)	0.02349m(13010324)
0.02286m(13010324)	0.02225m(13010324)		
3748802.8	0.02568m(13010324)	0.02498m(13010324)	0.02429m(13010324)
0.02362m(13010324)	0.02297m(13010324)		
3748752.8	0.02661m(13010324)	0.02586m(13010324)	0.02512m(13010324)
0.02441m(13010324)	0.02372m(13010324)		
3748702.8	0.02759m(13010324)	0.02678m(13010324)	0.02600m(13010324)
0.02524m(13010324)	0.02450m(13010324)		
3748652.8	0.02861m(13010324)	0.02775m(13010324)	0.02692m(13010324)
0.02611m(13010324)	0.02533m(13010324)		
3748602.8	0.02970m(13010324)	0.02878m(13010324)	0.02789m(13010324)
0.02703m(13010324)	0.02619m(13010324)		
3748552.8	0.03085m(13010324)	0.02986m(13010324)	0.02891m(13010324)
0.02799m(13010324)	0.02710m(13010324)		
3748502.8	0.03206m(13010324)	0.03101m(13010324)	0.02999m(13010324)
0.02901m(13010324)	0.02806m(13010324)		
3748452.8	0.03335m(13010324)	0.03222m(13010324)	0.03113m(13010324)
0.03008m(13010324)	0.02907m(13010324)		
3748402.8	0.03472m(13010324)	0.03350m(13010324)	0.03233m(13010324)
0.03121m(13010324)	0.03013m(13010324)		
3748352.8	0.03617m(13010324)	0.03487m(13010324)	0.03361m(13010324)
0.03241m(13010324)	0.03125m(13010324)		
3748302.8	0.03773m(13010324)	0.03632m(13010324)	0.03497m(13010324)
0.03368m(13010324)	0.03244m(13010324)		
3748252.8	0.03939m(13010324)	0.03787m(13010324)	0.03642m(13010324)
0.03503m(13010324)	0.03369m(13010324)		
3748202.8	0.04118m(13010324)	0.03953m(13010324)	0.03796m(13010324)
0.03646m(13010324)	0.03503m(13010324)		
3748152.8	0.04310m(13010324)	0.04131m(13010324)	0.03962m(13010324)
0.03800m(13010324)	0.03645m(13010324)		
3748102.8	0.04517m(13010324)	0.04323m(13010324)	0.04139m(13010324)
0.03964m(13010324)	0.03797m(13010324)		
3748052.8	0.04741m(13010324)	0.04530m(13010324)	0.04330m(13010324)
0.04139m(13010324)	0.03959m(13010324)		
3748002.8	0.04984m(13010324)	0.04754m(13010324)	0.04536m(13010324)
0.04329m(13010324)	0.04133m(13010324)		
3747952.8	0.05250m(13010324)	0.04997m(13010324)	0.04759m(13010324)
0.04533m(13010324)	0.04320m(13010324)		
3747902.8	0.05541m(13010324)	0.05263m(13010324)	0.05001m(13010324)
0.04755m(13010324)	0.04522m(13010324)		
3747852.8	0.05862m(13010324)	0.05554m(13010324)	0.05266m(13010324)
0.04996m(13010324)	0.04741m(13010324)		
3747802.8	0.06217m(13010324)	0.05876m(13010324)	0.05557m(13010324)
0.05259m(13010324)	0.04979m(13010324)		
3747752.8	0.06613m(13010324)	0.06233m(13010324)	0.05879m(13010324)
0.05549m(13010324)	0.05240m(13010324)		
3747702.8	0.07058m(13010324)	0.06631m(13010324)	0.06236m(13010324)
0.05869m(13010324)	0.05527m(13010324)		
3747652.8	0.07561m(13010324)	0.07080m(13010324)	0.06636m(13010324)
0.06226m(13010324)	0.05845m(13010324)		
3747602.8	0.08137m(13010324)	0.07589m(13010324)	0.07088m(13010324)
0.06626m(13010324)	0.06200m(13010324)		
3747552.8	0.08803m(13010324)	0.08175m(13010324)	0.07603m(13010324)
0.07080m(13010324)	0.06599m(13010324)		
3747502.8	0.09584m(13010324)	0.08855m(13010324)	0.08198m(13010324)

0.07600m(13010324)	0.07053m(13010324)		
3747452.8	0.10514m(13010324)	0.09659m(13010324)	0.08894m(13010324)
0.08203m(13010324)	0.07575m(13010324)		
3747402.8	0.11645m(13010324)	0.10626m(13010324)	0.09724m(13010324)
0.08915m(13010324)	0.08184m(13010324)		
3747352.8	0.13057m(13010324)	0.11818m(13010324)	0.10734m(13010324)
0.09772m(13010324)	0.08909m(13010324)		
3747302.8	0.14878m(13010324)	0.13330m(13010324)	0.11997m(13010324)
0.10827m(13010324)	0.09789m(13010324)		
3747252.8	0.17337m(13010324)	0.15327m(13010324)	0.13631m(13010324)
0.12168m(13010324)	0.10886m(13010324)		
3747202.8	0.20876m(13010324)	0.18104m(13010324)	0.15842m(13010324)
0.13939m(13010324)	0.12302m(13010324)		
3747152.8	0.26488m(13010324)	0.22268m(13010324)	0.19020m(13010324)
0.16399m(13010324)	0.14211m(13010324)		
3747102.8	0.36946m(13010324)	0.29270m(13010324)	0.24004m(13010324)
0.20069m(13010324)	0.16946m(13010324)		
3747052.8	0.41639m(13010324)	0.43796m(13010324)	0.33016m(13010324)
0.26169m(13010324)	0.21234m(13010324)		
3747002.8	0.31862m(13010324)	0.31140m(13010324)	0.37558m(13010324)
0.38438m(13010324)	0.29033m(13010324)		
3746952.8	0.39728m(13010324)	0.30795m(13010324)	0.30032m(13010324)
0.28062m(13010324)	0.32928m(13010324)		
3746902.8	0.34243m(13010324)	0.44826m(13010324)	0.39830m(13010324)
0.28040m(13010324)	0.25353m(13010324)		

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GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	408793.32	408843.32
408943.32	408993.32	408893.32

3746852.8	0.23762m(13010324)	0.27934m(13010324)	0.34059m(13010324)
0.43905m(13010324)	0.35300m(13010324)		
3746802.8	0.17895m(13010324)	0.19884m(13010324)	0.22326m(13010324)
0.25335m(13010324)	0.28992m(13010324)		
3746752.8	0.14133m(13010324)	0.15147m(13010324)	0.16212m(13010324)
0.17232m(13010324)	0.17939m(13010324)		
3746702.8	0.11536m(13010324)	0.12061m(13010324)	0.12525m(13010324)
0.12838m(13010324)	0.12845m(13010324)		
3746652.8	0.09657m(13010324)	0.09925m(13010324)	0.10112m(13010324)
0.10163m(13010324)	0.10007m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)	409043.32	409093.32	409143.32
409193.32	409243.32		

3748852.8	0.02165m(13010324)	0.02107m(13010324)	0.02050m(13010324)
0.01995m(13010324)	0.01942m(13010324)		
3748802.8	0.02233m(13010324)	0.02172m(13010324)	0.02112m(13010324)
0.02054m(13010324)	0.01997m(13010324)		
3748752.8	0.02304m(13010324)	0.02239m(13010324)	0.02176m(13010324)
0.02114m(13010324)	0.02055m(13010324)		
3748702.8	0.02379m(13010324)	0.02310m(13010324)	0.02243m(13010324)
0.02178m(13010324)	0.02114m(13010324)		
3748652.8	0.02457m(13010324)	0.02384m(13010324)	0.02312m(13010324)
0.02243m(13010324)	0.02177m(13010324)		
3748602.8	0.02539m(13010324)	0.02461m(13010324)	0.02385m(13010324)
0.02312m(13010324)	0.02241m(13010324)		
3748552.8	0.02624m(13010324)	0.02541m(13010324)	0.02461m(13010324)
0.02384m(13010324)	0.02309m(13010324)		
3748502.8	0.02714m(13010324)	0.02626m(13010324)	0.02541m(13010324)
0.02459m(13010324)	0.02379m(13010324)		
3748452.8	0.02809m(13010324)	0.02715m(13010324)	0.02624m(13010324)
0.02537m(13010324)	0.02453m(13010324)		
3748402.8	0.02909m(13010324)	0.02808m(13010324)	0.02712m(13010324)
0.02619m(13010324)	0.02529m(13010324)		
3748352.8	0.03014m(13010324)	0.02906m(13010324)	0.02804m(13010324)
0.02705m(13010324)	0.02610m(13010324)		
3748302.8	0.03124m(13010324)	0.03010m(13010324)	0.02900m(13010324)
0.02795m(13010324)	0.02693m(13010324)		
3748252.8	0.03241m(13010324)	0.03119m(13010324)	0.03002m(13010324)
0.02889m(13010324)	0.02781m(13010324)		
3748202.8	0.03366m(13010324)	0.03234m(13010324)	0.03109m(13010324)
0.02988m(13010324)	0.02873m(13010324)		
3748152.8	0.03497m(13010324)	0.03356m(13010324)	0.03222m(13010324)
0.03093m(13010324)	0.02970m(13010324)		
3748102.8	0.03637m(13010324)	0.03486m(13010324)	0.03341m(13010324)
0.03203m(13010324)	0.03072m(13010324)		
3748052.8	0.03787m(13010324)	0.03623m(13010324)	0.03468m(13010324)
0.03320m(13010324)	0.03179m(13010324)		
3748002.8	0.03947m(13010324)	0.03770m(13010324)	0.03602m(13010324)
0.03443m(13010324)	0.03292m(13010324)		
3747952.8	0.04118m(13010324)	0.03927m(13010324)	0.03745m(13010324)

* *

Y-COORD | X-COORD (METERS)
(METERS) | 409043.32 409093.32 409143.32
409193.32 409243.32

3746852.8 | 0.16179m(13010324) 0.18478m(13010324) 0.20028m(13010324)
0.12495m(13010324) 0.09285m(13010324)
3746802.8 | 0.32536m(13010324) 0.26339m(13010324) 0.16260m(13010324)
0.11328m(13010324) 0.08725m(13010324)
3746752.8 | 0.17654m(13010324) 0.15466m(13010324) 0.12297m(13010324)
0.09715m(13010324) 0.07916m(13010324)
3746702.8 | 0.12335m(13010324) 0.11204m(13010324) 0.09713m(13010324)
0.08270m(13010324) 0.07071m(13010324)
3746652.8 | 0.09582m(13010324) 0.08886m(13010324) 0.08019m(13010324)
0.07125m(13010324) 0.06306m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

DATE

GROUP ID AVERAGE CONC (YYMMDDHH) NETWORK
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID RECEPTOR (XR, YR,

ALL HIGH 1ST HIGH VALUE IS 0.56192m ON 13010324: AT (407443.32, 3748002.85,
0.00, 0.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 21:52:25

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS I-5 DPM\14635 OPS
I-5 DPM.ADI
**
*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**
CO STARTING
  TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 3010232 ORANGE_COUNTY
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "14635 OPS I-5 DPM.ERR"
CO FINISHED
**
*****
** AERMOD SOURCE PATHWAY
*****
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** -----
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 56.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.005381
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 406457.700, 3748725.328, 0.00, 3.49, 26.05
** 406540.691, 3748646.053, 0.00, 3.49, 26.05
** 406657.126, 3748523.425, 0.00, 3.49, 26.05
** 406792.140, 3748382.217, 0.00, 3.49, 26.05
** 406882.563, 3748315.329, 0.00, 3.49, 26.05
** 407205.856, 3748097.323, 0.00, 3.49, 26.05
** 407759.648, 3747730.789, 0.00, 3.49, 26.05
** 408168.639, 3747456.936, 0.00, 3.49, 26.05
** 408379.847, 3747296.740, 0.00, 3.49, 26.05
** 408561.521, 3747151.759, 0.00, 3.49, 26.05
** 408608.058, 3747115.066, 0.00, 3.49, 26.05
** 408910.550, 3746935.181, 0.00, 3.49, 26.05
** 409113.703, 3746832.263, 0.00, 3.49, 26.05
** -----
  LOCATION L0000001      VOLUME    406477.947 3748705.987 0.0
  LOCATION L0000002      VOLUME    406518.441 3748667.306 0.0
  LOCATION L0000003      VOLUME    406558.064 3748627.756 0.0
  LOCATION L0000004      VOLUME    406596.623 3748587.146 0.0

```

LOCATION	L0000005	VOLUME	406635.182	3748546.536	0.0
LOCATION	L0000006	VOLUME	406673.802	3748505.983	0.0
LOCATION	L0000007	VOLUME	406712.502	3748465.508	0.0
LOCATION	L0000008	VOLUME	406751.203	3748425.032	0.0
LOCATION	L0000009	VOLUME	406789.903	3748384.557	0.0
LOCATION	L0000010	VOLUME	406834.559	3748350.839	0.0
LOCATION	L0000011	VOLUME	406879.580	3748317.535	0.0
LOCATION	L0000012	VOLUME	406925.917	3748286.094	0.0
LOCATION	L0000013	VOLUME	406972.347	3748254.785	0.0
LOCATION	L0000014	VOLUME	407018.777	3748223.476	0.0
LOCATION	L0000015	VOLUME	407065.206	3748192.167	0.0
LOCATION	L0000016	VOLUME	407111.636	3748160.858	0.0
LOCATION	L0000017	VOLUME	407158.066	3748129.549	0.0
LOCATION	L0000018	VOLUME	407204.496	3748098.240	0.0
LOCATION	L0000019	VOLUME	407251.187	3748067.320	0.0
LOCATION	L0000020	VOLUME	407297.885	3748036.413	0.0
LOCATION	L0000021	VOLUME	407344.583	3748005.505	0.0
LOCATION	L0000022	VOLUME	407391.281	3747974.597	0.0
LOCATION	L0000023	VOLUME	407437.979	3747943.690	0.0
LOCATION	L0000024	VOLUME	407484.677	3747912.782	0.0
LOCATION	L0000025	VOLUME	407531.375	3747881.874	0.0
LOCATION	L0000026	VOLUME	407578.074	3747850.967	0.0
LOCATION	L0000027	VOLUME	407624.772	3747820.059	0.0
LOCATION	L0000028	VOLUME	407671.470	3747789.151	0.0
LOCATION	L0000029	VOLUME	407718.168	3747758.244	0.0
LOCATION	L0000030	VOLUME	407764.848	3747727.308	0.0
LOCATION	L0000031	VOLUME	407811.380	3747696.151	0.0
LOCATION	L0000032	VOLUME	407857.912	3747664.994	0.0
LOCATION	L0000033	VOLUME	407904.444	3747633.837	0.0
LOCATION	L0000034	VOLUME	407950.976	3747602.679	0.0
LOCATION	L0000035	VOLUME	407997.508	3747571.522	0.0
LOCATION	L0000036	VOLUME	408044.040	3747540.365	0.0
LOCATION	L0000037	VOLUME	408090.572	3747509.208	0.0
LOCATION	L0000038	VOLUME	408137.104	3747478.051	0.0
LOCATION	L0000039	VOLUME	408183.019	3747446.029	0.0
LOCATION	L0000040	VOLUME	408227.637	3747412.187	0.0
LOCATION	L0000041	VOLUME	408272.255	3747378.346	0.0
LOCATION	L0000042	VOLUME	408316.873	3747344.504	0.0
LOCATION	L0000043	VOLUME	408361.491	3747310.663	0.0
LOCATION	L0000044	VOLUME	408405.610	3747276.180	0.0
LOCATION	L0000045	VOLUME	408449.381	3747241.250	0.0
LOCATION	L0000046	VOLUME	408493.151	3747206.320	0.0
LOCATION	L0000047	VOLUME	408536.922	3747171.389	0.0
LOCATION	L0000048	VOLUME	408580.782	3747136.572	0.0
LOCATION	L0000049	VOLUME	408626.336	3747104.196	0.0
LOCATION	L0000050	VOLUME	408674.468	3747075.573	0.0
LOCATION	L0000051	VOLUME	408722.601	3747046.950	0.0
LOCATION	L0000052	VOLUME	408770.733	3747018.327	0.0
LOCATION	L0000053	VOLUME	408818.865	3746989.704	0.0
LOCATION	L0000054	VOLUME	408866.997	3746961.081	0.0
LOCATION	L0000055	VOLUME	408915.303	3746932.774	0.0
LOCATION	L0000056	VOLUME	408965.258	3746907.466	0.0
LOCATION	L0000057	VOLUME	409015.214	3746882.158	0.0
LOCATION	L0000058	VOLUME	409065.169	3746856.850	0.0

** END OF LINE VOLUME SOURCE ID = SLINE1

** SOURCE PARAMETERS **

** LINE VOLUME SOURCE ID = SLINE1

SRCPARAM	L0000001	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000002	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000003	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000004	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000005	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000006	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000007	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000008	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000009	0.0000927759	3.49	26.05	3.25

SRCPARAM	L0000010	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000011	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000012	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000013	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000014	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000015	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000016	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000017	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000018	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000019	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000020	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000021	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000022	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000023	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000024	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000025	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000026	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000027	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000028	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000029	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000030	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000031	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000032	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000033	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000034	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000035	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000036	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000037	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000038	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000039	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000040	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000041	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000042	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000043	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000044	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000045	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000046	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000047	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000048	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000049	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000050	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000051	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000052	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000053	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000054	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000055	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000056	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000057	0.0000927759	3.49	26.05	3.25
SRCPARAM	L0000058	0.0000927759	3.49	26.05	3.25

URBANSRC ALL
SRCGROUP ALL

SO FINISHED

** AERMOD RECEPTOR PATHWAY

RE STARTING

GRIDCART	UCART1	STA	XYINC	406293.32	60	50.00	3746652.85	45	50.00		
ELEV	1		0.00	0.00		0.00	0.00		0.00	0.00	
ELEV	1		0.00	0.00		0.00	0.00		0.00	0.00	
ELEV	1		0.00	0.00		0.00	0.00		0.00	0.00	
ELEV	1		0.00	0.00		0.00	0.00		0.00	0.00	

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	43	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	44	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	45	0.00	0.00	0.00	0.00	0.00	0.00

GRIDCART UCART1 END

RE FINISHED

**

** AERMOD METEOROLOGY PATHWAY

**

**

ME STARTING

SURFFILE KFUL_V9_ADJU\KFUL_V9.SFC

PROFFILE KFUL_V9_ADJU\KFUL_V9.PFL

SURFDATA 3166 2012

UAIRDATA 3190 2012

PROFBASE 29.0 METERS

ME FINISHED

**

** AERMOD OUTPUT PATHWAY

**

**

OU STARTING

** AUTO-GENERATED PLOTFILES

PLOTFILE ANNUAL ALL "14635 OPS I-5 DPM.AD\AN00GALL.PLT" 31

SUMMFILE "14635 OPS I-5 DPM.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 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 58 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 58 Source(s); 1 Source Group(s); and 2700 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)

and: 58 VOLUME source(s)

and: 0 AREA type source(s)

and: 0 LINE source(s)

and: 0 RLINE/RLINEXT source(s)

and: 0 OPENPIT source(s)

and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

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

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 29.00 ; Decay Coef. =
0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

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

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14635 OPS I-5

DPM.ERR

**File for Summary of Results: 14635 OPS I-5

DPM.SUM

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY							
	CATS.	BY						
L0000001	0	0.92776E-04	406477.9	3748706.0	0.0	3.49	26.05	3.25
YES								
L0000002	0	0.92776E-04	406518.4	3748667.3	0.0	3.49	26.05	3.25
YES								
L0000003	0	0.92776E-04	406558.1	3748627.8	0.0	3.49	26.05	3.25
YES								
L0000004	0	0.92776E-04	406596.6	3748587.1	0.0	3.49	26.05	3.25
YES								
L0000005	0	0.92776E-04	406635.2	3748546.5	0.0	3.49	26.05	3.25
YES								
L0000006	0	0.92776E-04	406673.8	3748506.0	0.0	3.49	26.05	3.25

YES								
L0000007	0	0.92776E-04	406712.5	3748465.5	0.0	3.49	26.05	3.25
YES								
L0000008	0	0.92776E-04	406751.2	3748425.0	0.0	3.49	26.05	3.25
YES								
L0000009	0	0.92776E-04	406789.9	3748384.6	0.0	3.49	26.05	3.25
YES								
L0000010	0	0.92776E-04	406834.6	3748350.8	0.0	3.49	26.05	3.25
YES								
L0000011	0	0.92776E-04	406879.6	3748317.5	0.0	3.49	26.05	3.25
YES								
L0000012	0	0.92776E-04	406925.9	3748286.1	0.0	3.49	26.05	3.25
YES								
L0000013	0	0.92776E-04	406972.3	3748254.8	0.0	3.49	26.05	3.25
YES								
L0000014	0	0.92776E-04	407018.8	3748223.5	0.0	3.49	26.05	3.25
YES								
L0000015	0	0.92776E-04	407065.2	3748192.2	0.0	3.49	26.05	3.25
YES								
L0000016	0	0.92776E-04	407111.6	3748160.9	0.0	3.49	26.05	3.25
YES								
L0000017	0	0.92776E-04	407158.1	3748129.5	0.0	3.49	26.05	3.25
YES								
L0000018	0	0.92776E-04	407204.5	3748098.2	0.0	3.49	26.05	3.25
YES								
L0000019	0	0.92776E-04	407251.2	3748067.3	0.0	3.49	26.05	3.25
YES								
L0000020	0	0.92776E-04	407297.9	3748036.4	0.0	3.49	26.05	3.25
YES								
L0000021	0	0.92776E-04	407344.6	3748005.5	0.0	3.49	26.05	3.25
YES								
L0000022	0	0.92776E-04	407391.3	3747974.6	0.0	3.49	26.05	3.25
YES								
L0000023	0	0.92776E-04	407438.0	3747943.7	0.0	3.49	26.05	3.25
YES								
L0000024	0	0.92776E-04	407484.7	3747912.8	0.0	3.49	26.05	3.25
YES								
L0000025	0	0.92776E-04	407531.4	3747881.9	0.0	3.49	26.05	3.25
YES								
L0000026	0	0.92776E-04	407578.1	3747851.0	0.0	3.49	26.05	3.25
YES								
L0000027	0	0.92776E-04	407624.8	3747820.1	0.0	3.49	26.05	3.25
YES								
L0000028	0	0.92776E-04	407671.5	3747789.2	0.0	3.49	26.05	3.25
YES								
L0000029	0	0.92776E-04	407718.2	3747758.2	0.0	3.49	26.05	3.25
YES								
L0000030	0	0.92776E-04	407764.8	3747727.3	0.0	3.49	26.05	3.25
YES								
L0000031	0	0.92776E-04	407811.4	3747696.2	0.0	3.49	26.05	3.25
YES								
L0000032	0	0.92776E-04	407857.9	3747665.0	0.0	3.49	26.05	3.25
YES								
L0000033	0	0.92776E-04	407904.4	3747633.8	0.0	3.49	26.05	3.25
YES								
L0000034	0	0.92776E-04	407951.0	3747602.7	0.0	3.49	26.05	3.25
YES								
L0000035	0	0.92776E-04	407997.5	3747571.5	0.0	3.49	26.05	3.25
YES								
L0000036	0	0.92776E-04	408044.0	3747540.4	0.0	3.49	26.05	3.25
YES								
L0000037	0	0.92776E-04	408090.6	3747509.2	0.0	3.49	26.05	3.25
YES								
L0000038	0	0.92776E-04	408137.1	3747478.1	0.0	3.49	26.05	3.25
YES								
L0000039	0	0.92776E-04	408183.0	3747446.0	0.0	3.49	26.05	3.25

YES

* * *

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*** MODELOPTs:      RegDEFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

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

L0000041		0	0.92776E-04	408272.3	3747378.3	0.0	3.49	26.05	3.25
YES									
L0000042		0	0.92776E-04	408316.9	3747344.5	0.0	3.49	26.05	3.25
YES									
L0000043		0	0.92776E-04	408361.5	3747310.7	0.0	3.49	26.05	3.25
YES									
L0000044		0	0.92776E-04	408405.6	3747276.2	0.0	3.49	26.05	3.25
YES									
L0000045		0	0.92776E-04	408449.4	3747241.2	0.0	3.49	26.05	3.25
YES									
L0000046		0	0.92776E-04	408493.2	3747206.3	0.0	3.49	26.05	3.25
YES									
L0000047		0	0.92776E-04	408536.9	3747171.4	0.0	3.49	26.05	3.25
YES									
L0000048		0	0.92776E-04	408580.8	3747136.6	0.0	3.49	26.05	3.25
YES									
L0000049		0	0.92776E-04	408626.3	3747104.2	0.0	3.49	26.05	3.25
YES									
L0000050		0	0.92776E-04	408674.5	3747075.6	0.0	3.49	26.05	3.25
YES									
L0000051		0	0.92776E-04	408722.6	3747046.9	0.0	3.49	26.05	3.25
YES									
L0000052		0	0.92776E-04	408770.7	3747018.3	0.0	3.49	26.05	3.25
YES									
L0000053		0	0.92776E-04	408818.9	3746989.7	0.0	3.49	26.05	3.25
YES									
L0000054		0	0.92776E-04	408867.0	3746961.1	0.0	3.49	26.05	3.25
YES									
L0000055		0	0.92776E-04	408915.3	3746932.8	0.0	3.49	26.05	3.25
YES									
L0000056		0	0.92776E-04	408965.3	3746907.5	0.0	3.49	26.05	3.25
YES									
L0000057		0	0.92776E-04	409015.2	3746882.2	0.0	3.49	26.05	3.25
YES									
L0000058		0	0.92776E-04	409065.2	3746856.8	0.0	3.49	26.05	3.25
YES									

* * *

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*** MODELOPTs:  RegDFault  CONC  ELEV  URBAN  ADJ  U*
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RCGROUP ID		SOURCE IDs					
-----		-----					
ALL L0000007	L0000001	, L0000002	, L0000003	, L0000004	, L0000005	, L0000006	,
	, 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	,					

*** AERMET - VERSION 16216 ***

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*** MODELOPTs:      PAGE      5
                   RegDEFAULT  CONC  ELEV  URBAN  ADJ_U*

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URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0000008	3010232. L0000006	L0000001 , L0000007	, L0000002 ,	, L0000003	, L0000004	, L0000005	,
	L0000009 L0000015	, L0000010 , L0000016	, L0000011 ,	, L0000012	, L0000013	, L0000014	,
	L0000017 L0000023	, L0000018 , L0000024	, L0000019 ,	, L0000020	, L0000021	, L0000022	,
	L0000025 L0000031	, L0000026 , L0000032	, L0000027 ,	, L0000028	, L0000029	, L0000030	,
	L0000033 L0000039	, L0000034 , L0000040	, L0000035 ,	, L0000036	, L0000037	, L0000038	,
	L0000041 L0000047	, L0000042 , L0000048	, L0000043 ,	, L0000044	, L0000045	, L0000046	,
	L0000049 L0000055	, L0000050 , L0000056	, L0000051 ,	, L0000052	, L0000053	, L0000054	,

L0000057 , L0000058 ,

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

406293.3,	406343.3,	406393.3,	406443.3,	406493.3,	406543.3,	406593.3,	406643.3,
406693.3,	406743.3,						
406793.3,	406843.3,	406893.3,	406943.3,	406993.3,	407043.3,	407093.3,	407143.3,
407193.3,	407243.3,						
407293.3,	407343.3,	407393.3,	407443.3,	407493.3,	407543.3,	407593.3,	407643.3,
407693.3,	407743.3,						
407793.3,	407843.3,	407893.3,	407943.3,	407993.3,	408043.3,	408093.3,	408143.3,
408193.3,	408243.3,						
408293.3,	408343.3,	408393.3,	408443.3,	408493.3,	408543.3,	408593.3,	408643.3,
408693.3,	408743.3,						
408793.3,	408843.3,	408893.3,	408943.3,	408993.3,	409043.3,	409093.3,	409143.3,
409193.3,	409243.3,						

*** Y-COORDINATES OF GRID ***
(METERS)

3746652.8,	3746702.8,	3746752.8,	3746802.8,	3746852.8,	3746902.8,	3746952.8,	3747002.8,
3747052.8,	3747102.8,						
3747152.8,	3747202.8,	3747252.8,	3747302.8,	3747352.8,	3747402.8,	3747452.8,	3747502.8,
3747552.8,	3747602.8,						
3747652.8,	3747702.8,	3747752.8,	3747802.8,	3747852.8,	3747902.8,	3747952.8,	3748002.8,
3748052.8,	3748102.8,						
3748152.8,	3748202.8,	3748252.8,	3748302.8,	3748352.8,	3748402.8,	3748452.8,	3748502.8,
3748552.8,	3748602.8,						
3748652.8,	3748702.8,	3748752.8,	3748802.8,	3748852.8,			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	
406593.32	406643.32	406693.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00

[illegible]


```
0.00      0.00      0.00      0.00
3747052.85 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3747002.85 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746952.85 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746902.85 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
***                                     *** 20:48:29
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PAGE 8
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 406293.32 406343.32 406393.32 406443.32 406493.32 406543.32
406593.32 406643.32 406693.32
-----
3746852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
***                                     *** 20:48:29
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 406743.32 406793.32 406843.32 406893.32 406943.32 406993.32
407043.32 407093.32 407143.32
-----
3748852.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748802.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748752.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748702.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748652.85 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00 0.00
```

[illegible]

```
0.00      0.00      0.00      0.00
3746902.85 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS ***      07/06/23
*** AERMET - VERSION 16216 ***
***                                     ***      20:48:29
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407043.32	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32	407093.32	407143.32				

3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407493.32	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407493.32	407543.32	407593.32				

3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407493.32	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
	407543.32	407593.32				

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407943.32	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
	407993.32	408043.32				

3748852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3748302.85		0.00	0.00	0.00	0.00	0.00

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD	(METERS)	
(METERS)		407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32		407993.32	408043.32				
- - - - -	-	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	-	- - - - -	- - - - -				
3746852.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3746802.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3746752.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3746702.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
3746652.85		0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00				
*** AERMOD - VERSION 22112 ***				*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK			
GP\14635 CONS	***	07/06/23					
*** AERMET - VERSION 16216 ***							
***						***	20:48:29

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

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*** NETWORK ID: UCART1      ; NETWORK TYPE: GRIDCART ***
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* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408393.32		408093.32	408143.32	408193.32	408243.32	408293.32
		408443.32	408493.32			408343.32
3748852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85		0.00	0.00	0.00	0.00	0.00

3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)						X-COORD (METERS)
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32	408893.32	408943.32				

3748852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00

0.00	0.00	0.00	0.00			
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.85		0.00	0.00	0.00	0.00	0.00	0.00
3748802.85		0.00	0.00	0.00	0.00	0.00	0.00
3748752.85		0.00	0.00	0.00	0.00	0.00	0.00
3748702.85		0.00	0.00	0.00	0.00	0.00	0.00
3748652.85		0.00	0.00	0.00	0.00	0.00	0.00
3748602.85		0.00	0.00	0.00	0.00	0.00	0.00
3748552.85		0.00	0.00	0.00	0.00	0.00	0.00
3748502.85		0.00	0.00	0.00	0.00	0.00	0.00
3748452.85		0.00	0.00	0.00	0.00	0.00	0.00
3748402.85		0.00	0.00	0.00	0.00	0.00	0.00
3748352.85		0.00	0.00	0.00	0.00	0.00	0.00
3748302.85		0.00	0.00	0.00	0.00	0.00	0.00
3748252.85		0.00	0.00	0.00	0.00	0.00	0.00
3748202.85		0.00	0.00	0.00	0.00	0.00	0.00
3748152.85		0.00	0.00	0.00	0.00	0.00	0.00
3748102.85		0.00	0.00	0.00	0.00	0.00	0.00
3748052.85		0.00	0.00	0.00	0.00	0.00	0.00
3748002.85		0.00	0.00	0.00	0.00	0.00	0.00
3747952.85		0.00	0.00	0.00	0.00	0.00	0.00
3747902.85		0.00	0.00	0.00	0.00	0.00	0.00
3747852.85		0.00	0.00	0.00	0.00	0.00	0.00
3747802.85		0.00	0.00	0.00	0.00	0.00	0.00
3747752.85		0.00	0.00	0.00	0.00	0.00	0.00
3747702.85		0.00	0.00	0.00	0.00	0.00	0.00
3747652.85		0.00	0.00	0.00	0.00	0.00	0.00
3747602.85		0.00	0.00	0.00	0.00	0.00	0.00
3747552.85		0.00	0.00	0.00	0.00	0.00	0.00
3747502.85		0.00	0.00	0.00	0.00	0.00	0.00
3747452.85		0.00	0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00	0.00
3746952.85		0.00	0.00	0.00	0.00	0.00	0.00
3746902.85		0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

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20:48:29

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*** MODELOPTs:      ReqDFault  CONC  ELEV  URBAN  ADJ  U*
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*** NETWORK ID: UCART1      ; NETWORK TYPE: GRIDCART ***
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* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS ***                    07/06/23

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*** AERMET - VERSION 16216 ***

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20:48:29

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*** MODELOPTs: ReqDFault CONC ELEV URBAN ADJ U*

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*** NETWORK ID: UCart1      ; NETWORK TYPE: GRIDCART ***
```

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
406593.32	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
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***      20:48:29

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Y-COORD	X-COORD (METERS)					
(METERS)	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32

406593.32 406643.32 406693.32

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32		407093.32	407143.32				

3748852.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748802.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748752.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748702.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748652.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748602.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748552.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748502.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748452.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

3746802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
407493.32	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00


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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
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***      20:48:29

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

* HILL HEIGHT SCALES IN METERS *

3746852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

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3746652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408393.32	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
	408443.32	408493.32				

3748852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

3747552.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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20:48:29

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PAGE 30
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 408093.32 408143.32 408193.32 408243.32 408293.32 408343.32
408393.32 408443.32 408493.32
- - - - -
- - - - -

3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
***
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20:48:29

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

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408843.32	408893.32	408943.32	408643.32	408693.32	408743.32	408793.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3748852.85		0.00	0.00	0.00	0.00	0.00	0.00
3748802.85		0.00	0.00	0.00	0.00	0.00	0.00
3748752.85		0.00	0.00	0.00	0.00	0.00	0.00
3748702.85		0.00	0.00	0.00	0.00	0.00	0.00
3748652.85		0.00	0.00	0.00	0.00	0.00	0.00
3748602.85		0.00	0.00	0.00	0.00	0.00	0.00
3748552.85		0.00	0.00	0.00	0.00	0.00	0.00
3748502.85		0.00	0.00	0.00	0.00	0.00	0.00
3748452.85		0.00	0.00	0.00	0.00	0.00	0.00
3748402.85		0.00	0.00	0.00	0.00	0.00	0.00
3748352.85		0.00	0.00	0.00	0.00	0.00	0.00
3748302.85		0.00	0.00	0.00	0.00	0.00	0.00
3748252.85		0.00	0.00	0.00	0.00	0.00	0.00
3748202.85		0.00	0.00	0.00	0.00	0.00	0.00
3748152.85		0.00	0.00	0.00	0.00	0.00	0.00
3748102.85		0.00	0.00	0.00	0.00	0.00	0.00
3748052.85		0.00	0.00	0.00	0.00	0.00	0.00
3748002.85		0.00	0.00	0.00	0.00	0.00	0.00
3747952.85		0.00	0.00	0.00	0.00	0.00	0.00
3747902.85		0.00	0.00	0.00	0.00	0.00	0.00
3747852.85		0.00	0.00	0.00	0.00	0.00	0.00
3747802.85		0.00	0.00	0.00	0.00	0.00	0.00
3747752.85		0.00	0.00	0.00	0.00	0.00	0.00
3747702.85		0.00	0.00	0.00	0.00	0.00	0.00
3747652.85		0.00	0.00	0.00	0.00	0.00	0.00
3747602.85		0.00	0.00	0.00	0.00	0.00	0.00
3747552.85		0.00	0.00	0.00	0.00	0.00	0.00
3747502.85		0.00	0.00	0.00	0.00	0.00	0.00
3747452.85		0.00	0.00	0.00	0.00	0.00	0.00
3747402.85		0.00	0.00	0.00	0.00	0.00	0.00
3747352.85		0.00	0.00	0.00	0.00	0.00	0.00
3747302.85		0.00	0.00	0.00	0.00	0.00	0.00
3747252.85		0.00	0.00	0.00	0.00	0.00	0.00
3747202.85		0.00	0.00	0.00	0.00	0.00	0.00
3747152.85		0.00	0.00	0.00	0.00	0.00	0.00
3747102.85		0.00	0.00	0.00	0.00	0.00	0.00
3747052.85		0.00	0.00	0.00	0.00	0.00	0.00
3747002.85		0.00	0.00	0.00	0.00	0.00	0.00
3746952.85		0.00	0.00	0.00	0.00	0.00	0.00
3746902.85		0.00	0.00	0.00	0.00	0.00	0.00

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD							
(METERS)		408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
- - - - -	-	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	-	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
3746852.85		0.00	0.00	0.00	0.00	0.00	0.00
3746802.85		0.00	0.00	0.00	0.00	0.00	0.00
3746752.85		0.00	0.00	0.00	0.00	0.00	0.00
3746702.85		0.00	0.00	0.00	0.00	0.00	0.00
3746652.85		0.00	0.00	0.00	0.00	0.00	0.00

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***

20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED

*

LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
L0000001	406493.3	3748652.8	-0.69
L0000001	406443.3	3748702.8	-21.24
L0000001	406493.3	3748702.8	-40.32
L0000001	406493.3	3748752.8	-6.69
L0000002	406493.3	3748652.8	-27.02
L0000002	406543.3	3748652.8	-27.23
L0000002	406493.3	3748702.8	-12.48
L0000002	406543.3	3748702.8	-12.62
L0000003	406543.3	3748602.8	-27.06
L0000003	406593.3	3748602.8	-12.84
L0000003	406543.3	3748652.8	-26.90
L0000003	406593.3	3748652.8	-12.73
L0000004	406593.3	3748552.8	-21.55
L0000004	406543.3	3748602.8	-0.44
L0000004	406593.3	3748602.8	-39.96
L0000004	406643.3	3748602.8	-6.74
L0000005	406643.3	3748502.8	-11.57
L0000005	406593.3	3748552.8	-13.67
L0000005	406643.3	3748552.8	-45.71
L0000005	406643.3	3748602.8	0.89
L0000006	406693.3	3748452.8	0.60
L0000006	406643.3	3748502.8	-25.36
L0000006	406693.3	3748502.8	-36.24
L0000006	406643.3	3748552.8	-0.10
L0000006	406693.3	3748552.8	-5.24
L0000007	406693.3	3748452.8	-33.03
L0000007	406743.3	3748452.8	-22.69
L0000007	406693.3	3748502.8	-14.03
L0000007	406743.3	3748502.8	-7.59
L0000008	406743.3	3748402.8	-32.47
L0000008	406793.3	3748402.8	-8.41
L0000008	406743.3	3748452.8	-27.09
L0000008	406793.3	3748452.8	-5.53
L0000009	406743.3	3748352.8	0.34
L0000009	406793.3	3748352.8	-24.12
L0000009	406743.3	3748402.8	-5.96
L0000009	406793.3	3748402.8	-37.40
L0000009	406843.3	3748402.8	0.45
L0000010	406843.3	3748302.8	-7.23
L0000010	406793.3	3748352.8	-14.72

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED

*

LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000010	406843.3 3748352.8	-47.02
L0000010	406843.3 3748402.8	-3.26
L0000011	406843.3 3748302.8	-16.89
L0000011	406893.3 3748302.8	-35.90
L0000011	406843.3 3748352.8	-5.39
L0000011	406893.3 3748352.8	-18.11
L0000012	406893.3 3748252.8	-9.45
L0000012	406943.3 3748252.8	-18.48
L0000012	406893.3 3748302.8	-19.36
L0000012	406943.3 3748302.8	-31.85
L0000013	406993.3 3748202.8	0.00
L0000013	406943.3 3748252.8	-26.92
L0000013	406993.3 3748252.8	-34.95
L0000013	406943.3 3748302.8	0.14
L0000013	406993.3 3748302.8	-3.57
L0000014	406993.3 3748202.8	-23.24
L0000014	407043.3 3748202.8	-23.95
L0000014	406993.3 3748252.8	-17.14
L0000014	407043.3 3748252.8	-17.73
L0000015	407043.3 3748152.8	-11.01
L0000015	407093.3 3748152.8	-7.67
L0000015	407043.3 3748202.8	-31.65
L0000015	407093.3 3748202.8	-25.93
L0000016	407093.3 3748152.8	-36.02
L0000016	407143.3 3748152.8	-23.33
L0000016	407093.3 3748202.8	-10.19
L0000016	407143.3 3748202.8	-3.40
L0000017	407143.3 3748102.8	-25.51
L0000017	407193.3 3748102.8	-11.78
L0000017	407143.3 3748152.8	-28.43
L0000017	407193.3 3748152.8	-13.75
L0000018	407193.3 3748052.8	-9.26
L0000018	407193.3 3748102.8	-43.92
L0000018	407243.3 3748102.8	-16.91
L0000018	407193.3 3748152.8	-0.27
L0000019	407243.3 3748052.8	-39.54
L0000019	407293.3 3748052.8	-11.46
L0000019	407243.3 3748102.8	-19.62
L0000019	407293.3 3748102.8	-0.89
L0000020	407293.3 3748002.8	-22.14

 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** *** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000020	407343.3 3748002.8	0.48
L0000020	407243.3 3748052.8	0.98
L0000020	407293.3 3748052.8	-38.95
L0000020	407343.3 3748052.8	-7.69

[illegible]

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
  LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL
```

SOURCE	-- RECEPTOR LOCATION --		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0000029	407743.3	3747802.8	-4.80
L0000030	407743.3	3747702.8	-23.42
L0000030	407793.3	3747702.8	-18.47
L0000030	407743.3	3747752.8	-22.60
L0000030	407793.3	3747752.8	-17.76
L0000031	407793.3	3747652.8	-9.09
L0000031	407843.3	3747652.8	-2.20
L0000031	407793.3	3747702.8	-36.75
L0000031	407843.3	3747702.8	-23.37
L0000032	407843.3	3747652.8	-37.02
L0000032	407893.3	3747652.8	-18.57
L0000032	407843.3	3747702.8	-15.44
L0000032	407893.3	3747702.8	-4.17

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***      07/06/23  
*** AERMET - VERSION 16216 ***  
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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
  LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL
```

SOURCE	- - RECEPTOR LOCATION - -	DISTANCE
ID	XR (METERS) YR (METERS)	(METERS)
L0000039	408193.3 3747452.8	-43.65
L0000040	408193.3 3747402.8	-20.44
L0000040	408243.3 3747402.8	-37.76
L0000040	408193.3 3747452.8	-2.80
L0000040	408243.3 3747452.8	-12.42
L0000041	408243.3 3747352.8	-17.44
L0000041	408293.3 3747352.8	-22.94
L0000041	408243.3 3747402.8	-18.09
L0000041	408293.3 3747402.8	-23.69
L0000042	408293.3 3747302.8	-8.16
L0000042	408343.3 3747302.8	-6.67
L0000042	408293.3 3747352.8	-31.02
L0000042	408343.3 3747352.8	-28.27
L0000043	408343.3 3747302.8	-36.23
L0000043	408393.3 3747302.8	-23.23
L0000043	408343.3 3747352.8	-10.07
L0000043	408393.3 3747352.8	-3.16
L0000044	408393.3 3747252.8	-29.64
L0000044	408443.3 3747252.8	-11.66
L0000044	408393.3 3747302.8	-26.64
L0000044	408443.3 3747302.8	-9.82
L0000045	408443.3 3747202.8	-17.13

L0000045	408443.3	3747252.8	-42.92
L0000045	408493.3	3747252.8	-10.56
L0000046	408493.3	3747152.8	-2.54
L0000046	408443.3	3747202.8	-6.06
L0000046	408493.3	3747202.8	-52.53
L0000046	408543.3	3747202.8	-5.72
L0000046	408493.3	3747252.8	-9.48
L0000047	408493.3	3747152.8	-8.63
L0000047	408543.3	3747152.8	-36.40
L0000047	408493.3	3747202.8	-2.24
L0000047	408543.3	3747202.8	-23.90
L0000048	408543.3	3747102.8	-5.60
L0000048	408593.3	3747102.8	-20.03
L0000048	408543.3	3747152.8	-15.16
L0000048	408593.3	3747152.8	-35.46
L0000049	408643.3	3747052.8	-1.93
L0000049	408593.3	3747102.8	-22.96
L0000049	408643.3	3747102.8	-38.97

 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** *** 20:48:29

PAGE 40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000049	408643.3 3747152.8	-4.47
L0000050	408643.3 3747052.8	-17.45
L0000050	408693.3 3747052.8	-26.48
L0000050	408643.3 3747102.8	-14.60
L0000050	408693.3 3747102.8	-22.85
L0000051	408693.3 3747002.8	-3.07
L0000051	408743.3 3747002.8	-7.28
L0000051	408693.3 3747052.8	-26.14
L0000051	408743.3 3747052.8	-34.46
L0000052	408743.3 3747002.8	-24.53
L0000052	408793.3 3747002.8	-28.63
L0000052	408743.3 3747052.8	-11.92
L0000052	408793.3 3747052.8	-14.75
L0000053	408793.3 3746952.8	-11.17
L0000053	408843.3 3746952.8	-11.78
L0000053	408793.3 3747002.8	-27.28
L0000053	408843.3 3747002.8	-28.24
L0000054	408843.3 3746952.8	-30.94
L0000054	408893.3 3746952.8	-28.43
L0000054	408843.3 3747002.8	-7.99
L0000054	408893.3 3747002.8	-6.64
L0000055	408893.3 3746902.8	-18.88
L0000055	408943.3 3746902.8	-15.01
L0000055	408893.3 3746952.8	-26.24
L0000055	408943.3 3746952.8	-21.54
L0000056	408943.3 3746902.8	-33.59
L0000056	408993.3 3746902.8	-27.57
L0000056	408943.3 3746952.8	-5.60
L0000056	408993.3 3746952.8	-2.65
L0000057	408993.3 3746852.8	-19.42
L0000057	409043.3 3746852.8	-15.40

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***      07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     ***      20:48:29
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[illegible]

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
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***      20:48:29

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Name :

3190

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	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96		
322.		10.1		283.8	2.0												
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52		
13.		10.1		283.1	2.0												
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
73.		10.1		282.0	2.0												
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91		
98.		10.1		281.4	2.0												
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	0.26	2.61	1.00	0.00		
0.		10.1		280.9	2.0												
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55		
80.		10.1		280.4	2.0												
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69		
201.		10.1		280.4	2.0												
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52		
72.		10.1		280.9	2.0												
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-999999.0	0.26	2.61	0.31	0.00		
0.		10.1		285.9	2.0												
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79		
268.		10.1		289.9	2.0												
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70		
273.		10.1		294.2	2.0												
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74		
230.		10.1		297.5	2.0												
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20		
227.		10.1		300.4	2.0												
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47		
233.		10.1		300.9	2.0												
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20		
233.		10.1		302.0	2.0												
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91		
229.		10.1		298.1	2.0												
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37		
212.		10.1		294.2	2.0												
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91		
190.		10.1		292.0	2.0												
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70		
302.		10.1		289.2	2.0												
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87		
338.		10.1		288.1	2.0												
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11		
304.		10.1		287.0	2.0												
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
76.		10.1		285.4	2.0												
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62		
306.		10.1		284.9	2.0												
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82		
318.		10.1		283.8	2.0												

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD (METERS)	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32	406643.32	406693.32				

3748852.85	0.00717	0.00842	0.01003	0.01188	0.01341
0.01392	0.01355	0.01278	0.01193		
3748802.85	0.00813	0.01004	0.01296	0.01719	0.02052
0.02020	0.01827	0.01630	0.01462		
3748752.85	0.00911	0.01190	0.01744	0.03194	0.02029
0.03384	0.02632	0.02157	0.01835		
3748702.85	0.00986	0.01332	0.02129	0.02064	0.01701
0.03851	0.04103	0.02978	0.02363		
3748652.85	0.01017	0.01360	0.02049	0.03773	0.02539
0.02861	0.04431	0.04380	0.03153		
3748602.85	0.01007	0.01300	0.01794	0.02692	0.04487
0.03105	0.03434	0.03053	0.04478		
3748552.85	0.00971	0.01210	0.01570	0.02130	0.03058
0.04878	0.03154	0.03991	0.04952		
3748502.85	0.00924	0.01119	0.01391	0.01778	0.02354
0.03294	0.05177	0.03359	0.03632		
3748452.85	0.00874	0.01035	0.01247	0.01532	0.01928
0.02510	0.03463	0.05396	0.03801		
3748402.85	0.00826	0.00959	0.01129	0.01349	0.01638
0.02036	0.02620	0.03587	0.05572		
3748352.85	0.00779	0.00892	0.01031	0.01205	0.01426
0.01715	0.02110	0.02691	0.03654		
3748302.85	0.00736	0.00831	0.00947	0.01088	0.01261
0.01480	0.01763	0.02147	0.02703		
3748252.85	0.00695	0.00778	0.00875	0.00991	0.01130
0.01300	0.01511	0.01781	0.02138		
3748202.85	0.00658	0.00729	0.00812	0.00909	0.01022
0.01158	0.01321	0.01520	0.01768		
3748152.85	0.00623	0.00685	0.00756	0.00838	0.00933
0.01043	0.01172	0.01324	0.01507		
3748102.85	0.00591	0.00646	0.00707	0.00777	0.00857
0.00948	0.01052	0.01173	0.01314		
3748052.85	0.00562	0.00610	0.00664	0.00724	0.00792
0.00868	0.00955	0.01053	0.01165		
3748002.85	0.00535	0.00577	0.00625	0.00677	0.00735
0.00801	0.00873	0.00954	0.01046		
3747952.85	0.00510	0.00548	0.00589	0.00636	0.00686
0.00742	0.00804	0.00873	0.00949		
3747902.85	0.00486	0.00520	0.00558	0.00598	0.00643

[illegible]

Y-COORD	X-COORD (METERS)

(METERS)	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32	406643.32	406693.32				
3746852.85	0.00225	0.00232	0.00239	0.00246	0.00254	
0.00262	0.00270	0.00278	0.00287			
3746802.85	0.00218	0.00225	0.00231	0.00238	0.00245	
0.00253	0.00260	0.00268	0.00276			
3746752.85	0.00212	0.00218	0.00224	0.00231	0.00237	
0.00244	0.00251	0.00259	0.00266			
3746702.85	0.00205	0.00211	0.00217	0.00223	0.00230	
0.00236	0.00243	0.00250	0.00257			
3746652.85	0.00199	0.00205	0.00210	0.00216	0.00222	
0.00228	0.00235	0.00241	0.00248			
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23 *** AERMET - VERSION 16216 *** ***						
					***	20:48:29
PAGE 45						
*** MODELOPTs:	RegDFAULT	CONC	ELEV	URBAN	ADJ_U*	
*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS 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 , . . . ,						
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***						
** CONC OF DPM IN MICROGRAMS/M**3 **						
Y-COORD	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
(METERS)	407043.32	407093.32	407143.32			
3748852.85	0.01112	0.01039	0.00975	0.00919	0.00869	
0.00825	0.00786	0.00752	0.00720			
3748802.85	0.01325	0.01212	0.01118	0.01040	0.00974	
0.00918	0.00868	0.00825	0.00787			
3748752.85	0.01603	0.01429	0.01294	0.01187	0.01099	
0.01026	0.00964	0.00910	0.00863			
3748702.85	0.01975	0.01708	0.01513	0.01365	0.01248	
0.01154	0.01076	0.01009	0.00952			
3748652.85	0.02489	0.02074	0.01791	0.01585	0.01430	
0.01307	0.01208	0.01125	0.01055			
3748602.85	0.03247	0.02574	0.02152	0.01864	0.01654	
0.01495	0.01368	0.01264	0.01176			
3748552.85	0.04514	0.03310	0.02647	0.02230	0.01942	
0.01730	0.01565	0.01433	0.01323			
3748502.85	0.04726	0.04538	0.03383	0.02743	0.02331	
0.02038	0.01818	0.01644	0.01503			
3748452.85	0.03625	0.04817	0.04640	0.03540	0.02898	
0.02468	0.02157	0.01920	0.01732			
3748402.85	0.03637	0.03987	0.03455	0.05043	0.03838	
0.03124	0.02646	0.02300	0.02037			
3748352.85	0.03996	0.03457	0.04121	0.05480	0.05783	

0.04284	0.03424	0.02863	0.02466		
3748302.85		0.03583	0.05167	0.03415	0.03780
0.04800		0.04898	0.03802	0.03122	
3748252.85		0.02632	0.03356	0.04544	0.04626
0.03860		0.05337	0.05737	0.04275	
3748202.85		0.02086	0.02506	0.03094	0.03991
0.03711		0.03821	0.03806	0.04757	
3748152.85		0.01731	0.02008	0.02365	0.02848
0.04720		0.04721	0.03944	0.03843	
3748102.85		0.01480	0.01679	0.01922	0.02228
0.03206		0.04097	0.05723	0.05374	
3748052.85		0.01294	0.01444	0.01621	0.01836
0.02450		0.02925	0.03629	0.04809	
3748002.85		0.01149	0.01267	0.01404	0.01563
0.01990		0.02290	0.02691	0.03261	
3747952.85		0.01034	0.01129	0.01238	0.01362
0.01678		0.01887	0.02149	0.02492	
3747902.85		0.00940	0.01019	0.01107	0.01206
0.01452		0.01607	0.01794	0.02025	
3747852.85		0.00861	0.00927	0.01001	0.01083
0.01279		0.01400	0.01541	0.01709	
3747802.85		0.00794	0.00851	0.00913	0.00982
0.01143		0.01240	0.01350	0.01479	
3747752.85		0.00736	0.00785	0.00839	0.00897
0.01033		0.01112	0.01202	0.01304	
3747702.85		0.00686	0.00729	0.00776	0.00826
0.00941		0.01008	0.01082	0.01165	
3747652.85		0.00642	0.00680	0.00721	0.00765
0.00864		0.00921	0.00983	0.01052	
3747602.85		0.00603	0.00636	0.00673	0.00711
0.00798		0.00847	0.00900	0.00959	
3747552.85		0.00568	0.00598	0.00630	0.00664
0.00741		0.00783	0.00830	0.00880	
3747502.85		0.00536	0.00563	0.00592	0.00623
0.00691		0.00728	0.00768	0.00812	
3747452.85		0.00507	0.00532	0.00558	0.00586
0.00646		0.00679	0.00715	0.00753	
3747402.85		0.00481	0.00504	0.00527	0.00552
0.00607		0.00636	0.00668	0.00702	
3747352.85		0.00458	0.00478	0.00499	0.00522
0.00571		0.00598	0.00626	0.00656	
3747302.85		0.00436	0.00454	0.00474	0.00494
0.00539		0.00563	0.00588	0.00615	
3747252.85		0.00416	0.00433	0.00451	0.00469
0.00510		0.00531	0.00555	0.00579	
3747202.85		0.00397	0.00413	0.00429	0.00446
0.00483		0.00503	0.00524	0.00546	
3747152.85		0.00379	0.00394	0.00409	0.00425
0.00459		0.00477	0.00496	0.00516	
3747102.85		0.00363	0.00377	0.00391	0.00405
0.00436		0.00453	0.00470	0.00488	
3747052.85		0.00348	0.00360	0.00373	0.00387
0.00415		0.00430	0.00446	0.00463	
3747002.85		0.00334	0.00345	0.00357	0.00370
0.00396		0.00410	0.00424	0.00440	
3746952.85		0.00320	0.00331	0.00342	0.00354
0.00378		0.00391	0.00404	0.00418	
3746902.85		0.00308	0.00318	0.00328	0.00339
0.00361		0.00373	0.00385	0.00398	

 *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

20:48:29

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 406743.32 406793.32 406843.32 406893.32 406943.32 406993.32
407043.32 407093.32 407143.32

3746852.85 | 0.00296 0.00305 0.00315 0.00325 0.00335
0.00345 0.00356 0.00368 0.00380
3746802.85 | 0.00285 0.00293 0.00302 0.00311 0.00321
0.00331 0.00341 0.00351 0.00362
3746752.85 | 0.00274 0.00282 0.00290 0.00299 0.00308
0.00317 0.00326 0.00336 0.00346
3746702.85 | 0.00264 0.00272 0.00279 0.00287 0.00295
0.00304 0.00313 0.00322 0.00331
3746652.85 | 0.00255 0.00262 0.00269 0.00276 0.00284
0.00292 0.00300 0.00308 0.00317

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407193.32 407243.32 407293.32 407343.32 407393.32 407443.32
407493.32 407543.32 407593.32

3748852.85 | 0.00691 0.00665 0.00641 0.00618 0.00597
0.00578 0.00559 0.00541 0.00525
3748802.85 | 0.00752 0.00721 0.00692 0.00666 0.00642

0.00619	0.00597	0.00577	0.00558		
3748752.85	0.00822	0.00784	0.00751	0.00720	0.00691
0.00665	0.00640	0.00617	0.00596		
3748702.85	0.00901	0.00857	0.00816	0.00780	0.00747
0.00716	0.00688	0.00661	0.00637		
3748652.85	0.00993	0.00940	0.00892	0.00848	0.00809
0.00774	0.00741	0.00711	0.00683		
3748602.85	0.01101	0.01036	0.00978	0.00927	0.00881
0.00839	0.00801	0.00766	0.00734		
3748552.85	0.01229	0.01149	0.01079	0.01018	0.00963
0.00914	0.00869	0.00828	0.00791		
3748502.85	0.01385	0.01285	0.01199	0.01124	0.01058
0.01000	0.00947	0.00899	0.00856		
3748452.85	0.01579	0.01452	0.01344	0.01252	0.01171
0.01100	0.01037	0.00981	0.00930		
3748402.85	0.01830	0.01662	0.01524	0.01407	0.01307
0.01220	0.01144	0.01076	0.01016		
3748352.85	0.02169	0.01938	0.01753	0.01600	0.01473
0.01364	0.01271	0.01189	0.01116		
3748302.85	0.02657	0.02317	0.02057	0.01851	0.01683
0.01544	0.01426	0.01324	0.01236		
3748252.85	0.03432	0.02878	0.02485	0.02189	0.01959
0.01773	0.01619	0.01490	0.01380		
3748202.85	0.04886	0.03808	0.03138	0.02677	0.02338
0.02078	0.01870	0.01701	0.01560		
3748152.85	0.03662	0.05715	0.04284	0.03452	0.02901
0.02507	0.02210	0.01977	0.01789		
3748102.85	0.04062	0.03766	0.04896	0.04910	0.03837
0.03165	0.02700	0.02358	0.02095		
3748052.85	0.04950	0.04269	0.04049	0.03622	0.05763
0.04322	0.03481	0.02924	0.02526		
3748002.85	0.04152	0.05766	0.03694	0.02799	0.03924
0.06970	0.04955	0.03868	0.03188		
3747952.85	0.02962	0.03658	0.04820	0.03405	0.03912
0.04548	0.03734	0.05814	0.04356		
3747902.85	0.02320	0.02715	0.03276	0.04152	0.05746
0.03618	0.04057	0.05964	0.04980		
3747852.85	0.01914	0.02171	0.02508	0.02971	0.03657
0.04804	0.04914	0.03790	0.04097		
3747802.85	0.01631	0.01814	0.02041	0.02332	0.02721
0.03275	0.04140	0.05718	0.03687		
3747752.85	0.01421	0.01559	0.01724	0.01926	0.02180
0.02513	0.02970	0.03648	0.04777		
3747702.85	0.01259	0.01367	0.01493	0.01643	0.01823
0.02048	0.02335	0.02720	0.03268		
3747652.85	0.01130	0.01217	0.01317	0.01433	0.01568
0.01731	0.01931	0.02182	0.02511		
3747602.85	0.01024	0.01096	0.01177	0.01270	0.01376
0.01500	0.01648	0.01826	0.02049		
3747552.85	0.00935	0.00996	0.01064	0.01139	0.01225
0.01324	0.01438	0.01572	0.01733		
3747502.85	0.00860	0.00912	0.00969	0.01032	0.01103
0.01183	0.01274	0.01379	0.01502		
3747452.85	0.00795	0.00840	0.00889	0.00943	0.01003
0.01069	0.01144	0.01228	0.01326		
3747402.85	0.00738	0.00778	0.00820	0.00867	0.00918
0.00974	0.01036	0.01106	0.01185		
3747352.85	0.00688	0.00723	0.00760	0.00801	0.00845
0.00893	0.00946	0.01005	0.01070		
3747302.85	0.00644	0.00675	0.00708	0.00743	0.00782
0.00824	0.00869	0.00919	0.00974		
3747252.85	0.00605	0.00632	0.00661	0.00693	0.00727
0.00763	0.00803	0.00846	0.00893		
3747202.85	0.00569	0.00594	0.00620	0.00648	0.00678
0.00710	0.00745	0.00782	0.00823		
3747152.85	0.00537	0.00559	0.00583	0.00608	0.00634

0.00663 0.00693 0.00726 0.00762
3747102.85 | 0.00507 0.00527 0.00549 0.00571 0.00595
0.00620 0.00648 0.00677 0.00708
3747052.85 | 0.00480 0.00499 0.00518 0.00538 0.00560
0.00582 0.00607 0.00633 0.00660
3747002.85 | 0.00456 0.00472 0.00490 0.00508 0.00527
0.00548 0.00570 0.00593 0.00617
3746952.85 | 0.00433 0.00448 0.00464 0.00480 0.00498
0.00517 0.00536 0.00557 0.00579
3746902.85 | 0.00411 0.00425 0.00440 0.00455 0.00471
0.00488 0.00505 0.00524 0.00544
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407193.32 407243.32 407293.32 407343.32 407393.32 407443.32
407493.32 407543.32 407593.32

3746852.85 | 0.00392 0.00405 0.00418 0.00432 0.00446
0.00461 0.00477 0.00494 0.00512
3746802.85 | 0.00373 0.00385 0.00397 0.00410 0.00423
0.00437 0.00451 0.00466 0.00482
3746752.85 | 0.00356 0.00367 0.00378 0.00390 0.00402
0.00414 0.00427 0.00441 0.00455
3746702.85 | 0.00340 0.00350 0.00361 0.00371 0.00382
0.00394 0.00405 0.00418 0.00431
3746652.85 | 0.00325 0.00335 0.00344 0.00354 0.00364
0.00374 0.00385 0.00396 0.00408

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

PAGE 49

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
407943.32	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				

3748852.85	0.00509	0.00494	0.00479	0.00465	0.00452	
0.00439	0.00427	0.00415	0.00404			
3748802.85	0.00541	0.00524	0.00507	0.00492	0.00477	
0.00463	0.00450	0.00437	0.00424			
3748752.85	0.00575	0.00556	0.00538	0.00521	0.00505	
0.00489	0.00474	0.00460	0.00446			
3748702.85	0.00614	0.00592	0.00572	0.00553	0.00534	
0.00517	0.00501	0.00485	0.00470			
3748652.85	0.00656	0.00632	0.00609	0.00587	0.00567	
0.00548	0.00529	0.00512	0.00495			
3748602.85	0.00704	0.00676	0.00650	0.00626	0.00603	
0.00581	0.00561	0.00541	0.00523			
3748552.85	0.00757	0.00725	0.00696	0.00668	0.00642	
0.00618	0.00595	0.00574	0.00553			
3748502.85	0.00816	0.00780	0.00746	0.00715	0.00686	
0.00659	0.00633	0.00609	0.00586			
3748452.85	0.00884	0.00842	0.00803	0.00768	0.00735	
0.00704	0.00675	0.00648	0.00623			
3748402.85	0.00962	0.00913	0.00868	0.00827	0.00789	
0.00754	0.00722	0.00691	0.00663			
3748352.85	0.01052	0.00994	0.00942	0.00894	0.00851	
0.00811	0.00774	0.00740	0.00708			
3748302.85	0.01158	0.01089	0.01027	0.00972	0.00921	
0.00875	0.00833	0.00794	0.00757			
3748252.85	0.01285	0.01201	0.01127	0.01062	0.01002	
0.00949	0.00900	0.00855	0.00814			
3748202.85	0.01440	0.01337	0.01247	0.01167	0.01097	
0.01034	0.00976	0.00925	0.00877			
3748152.85	0.01634	0.01503	0.01391	0.01294	0.01209	
0.01133	0.01066	0.01005	0.00950			
3748102.85	0.01885	0.01714	0.01570	0.01449	0.01343	
0.01252	0.01171	0.01099	0.01034			
3748052.85	0.02226	0.01990	0.01800	0.01642	0.01510	
0.01396	0.01297	0.01210	0.01133			
3748002.85	0.02718	0.02373	0.02106	0.01894	0.01720	
0.01575	0.01451	0.01344	0.01251			
3747952.85	0.03504	0.02942	0.02539	0.02235	0.01997	
0.01804	0.01644	0.01509	0.01393			
3747902.85	0.04993	0.03893	0.03205	0.02730	0.02380	
0.02110	0.01895	0.01719	0.01571			
3747852.85	0.05430	0.05866	0.04383	0.03520	0.02950	
0.02543	0.02235	0.01994	0.01799			
3747802.85	0.03893	0.04016	0.04874	0.05023	0.03905	
0.03208	0.02728	0.02375	0.02103			
3747752.85	0.04752	0.03860	0.03909	0.05547	0.05894	
0.04385	0.03516	0.02943	0.02533			
3747702.85	0.04122	0.05671	0.05362	0.03956	0.03832	
0.04905	0.05010	0.03891	0.03194			
3747652.85	0.02965	0.03637	0.04756	0.04794	0.04149	
0.03950	0.03677	0.05862	0.04363			
3747602.85	0.02334	0.02717	0.03264	0.04119	0.05667	

0.05431	0.04273	0.03842	0.05076		
3747552.85	0.01931	0.02182	0.02510	0.02965	0.03641
0.04770	0.05039	0.04076	0.04237		
3747502.85	0.01649	0.01827	0.02048	0.02334	0.02718
0.03268	0.04129	0.05692	0.03638		
3747452.85	0.01439	0.01572	0.01733	0.01931	0.02182
0.02512	0.02968	0.03649	0.04791		
3747402.85	0.01275	0.01380	0.01502	0.01648	0.01826
0.02049	0.02336	0.02724	0.03283		
3747352.85	0.01144	0.01228	0.01325	0.01438	0.01571
0.01733	0.01933	0.02188	0.02526		
3747302.85	0.01036	0.01105	0.01184	0.01274	0.01379
0.01502	0.01650	0.01832	0.02062		
3747252.85	0.00945	0.01003	0.01069	0.01142	0.01226
0.01324	0.01439	0.01576	0.01744		
3747202.85	0.00868	0.00917	0.00972	0.01034	0.01103
0.01182	0.01274	0.01381	0.01509		
3747152.85	0.00801	0.00843	0.00890	0.00942	0.01000
0.01066	0.01140	0.01227	0.01328		
3747102.85	0.00742	0.00779	0.00819	0.00864	0.00913
0.00968	0.01030	0.01101	0.01182		
3747052.85	0.00690	0.00723	0.00758	0.00796	0.00838
0.00885	0.00937	0.00996	0.01062		
3747002.85	0.00644	0.00672	0.00703	0.00736	0.00773
0.00813	0.00857	0.00906	0.00962		
3746952.85	0.00602	0.00627	0.00654	0.00683	0.00715
0.00749	0.00787	0.00829	0.00876		
3746902.85	0.00565	0.00587	0.00611	0.00636	0.00664
0.00694	0.00726	0.00762	0.00801		

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** *** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD	X-COORD (METERS)					
(METERS)	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				

3746852.85	0.00530	0.00550	0.00571	0.00594	0.00618
0.00644	0.00672	0.00702	0.00736		
3746802.85	0.00499	0.00517	0.00535	0.00555	0.00576
0.00599	0.00623	0.00650	0.00678		
3746752.85	0.00470	0.00486	0.00503	0.00520	0.00539
0.00559	0.00580	0.00603	0.00627		
3746702.85	0.00444	0.00458	0.00473	0.00489	0.00505

0.00522 0.00541 0.00560 0.00581
374652.85 | 0.00420 0.00433 0.00446 0.00460 0.00474
0.00489 0.00505 0.00522 0.00540
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				

3748852.85	0.00393	0.00382	0.00372	0.00362	0.00352
0.00343	0.00334	0.00325	0.00316		
3748802.85	0.00412	0.00400	0.00389	0.00378	0.00368
0.00358	0.00348	0.00338	0.00329		
3748752.85	0.00433	0.00420	0.00408	0.00396	0.00385
0.00374	0.00363	0.00353	0.00343		
3748702.85	0.00455	0.00441	0.00428	0.00415	0.00403
0.00391	0.00379	0.00368	0.00357		
3748652.85	0.00479	0.00464	0.00449	0.00435	0.00422
0.00409	0.00396	0.00384	0.00373		
3748602.85	0.00505	0.00489	0.00473	0.00457	0.00443
0.00428	0.00415	0.00402	0.00389		
3748552.85	0.00534	0.00515	0.00498	0.00481	0.00465
0.00450	0.00435	0.00421	0.00407		
3748502.85	0.00565	0.00545	0.00525	0.00507	0.00489
0.00472	0.00456	0.00441	0.00426		
3748452.85	0.00599	0.00576	0.00555	0.00535	0.00515
0.00497	0.00479	0.00462	0.00446		
3748402.85	0.00636	0.00611	0.00588	0.00565	0.00544
0.00524	0.00504	0.00486	0.00468		
3748352.85	0.00678	0.00650	0.00623	0.00599	0.00575
0.00553	0.00532	0.00511	0.00492		
3748302.85	0.00724	0.00692	0.00663	0.00635	0.00609
0.00585	0.00561	0.00539	0.00518		
3748252.85	0.00775	0.00740	0.00707	0.00676	0.00647
0.00619	0.00594	0.00569	0.00546		
3748202.85	0.00833	0.00793	0.00756	0.00721	0.00689
0.00658	0.00629	0.00602	0.00577		
3748152.85	0.00900	0.00853	0.00811	0.00772	0.00735
0.00701	0.00669	0.00639	0.00610		
3748102.85	0.00976	0.00922	0.00874	0.00829	0.00787
0.00749	0.00713	0.00679	0.00648		
3748052.85	0.01064	0.01002	0.00945	0.00894	0.00846

0.00802	0.00762	0.00724	0.00689		
3748002.85	0.01168	0.01094	0.01028	0.00968	0.00914
0.00863	0.00817	0.00775	0.00735		
3747952.85	0.01293	0.01204	0.01125	0.01055	0.00991
0.00933	0.00880	0.00831	0.00787		
3747902.85	0.01445	0.01337	0.01241	0.01157	0.01082
0.01014	0.00952	0.00896	0.00845		
3747852.85	0.01637	0.01500	0.01382	0.01280	0.01189
0.01109	0.01036	0.00971	0.00912		
3747802.85	0.01886	0.01707	0.01558	0.01430	0.01319
0.01221	0.01135	0.01058	0.00989		
3747752.85	0.02224	0.01980	0.01782	0.01618	0.01478
0.01358	0.01253	0.01161	0.01079		
3747702.85	0.02713	0.02358	0.02083	0.01862	0.01680
0.01527	0.01396	0.01284	0.01185		
3747652.85	0.03495	0.02920	0.02506	0.02192	0.01944
0.01742	0.01575	0.01434	0.01313		
3747602.85	0.04977	0.03860	0.03157	0.02668	0.02306
0.02026	0.01804	0.01622	0.01471		
3747552.85	0.03660	0.05803	0.04303	0.03420	0.02836
0.02421	0.02109	0.01865	0.01669		
3747502.85	0.04262	0.04038	0.06907	0.04810	0.03696
0.03009	0.02538	0.02192	0.01926		
3747452.85	0.03430	0.03835	0.04295	0.05326	0.05357
0.03991	0.03191	0.02659	0.02277		
3747402.85	0.04168	0.05843	0.03676	0.03932	0.05607
0.06024	0.04326	0.03387	0.02784		
3747352.85	0.03004	0.03743	0.05077	0.05099	0.03836
0.03852	0.04719	0.04703	0.03594		
3747302.85	0.02366	0.02790	0.03431	0.04521	0.04656
0.03981	0.03813	0.05195	0.05120		
3747252.85	0.01956	0.02233	0.02615	0.03176	0.04089
0.05863	0.05586	0.04039	0.03585		
3747202.85	0.01666	0.01862	0.02117	0.02463	0.02961
0.03749	0.05210	0.03517	0.04312		
3747152.85	0.01448	0.01595	0.01778	0.02013	0.02329
0.02777	0.03470	0.04698	0.03349		
3747102.85	0.01278	0.01391	0.01528	0.01699	0.01916
0.02205	0.02610	0.03219	0.04249		
3747052.85	0.01139	0.01229	0.01335	0.01464	0.01622
0.01822	0.02085	0.02444	0.02968		
3747002.85	0.01025	0.01097	0.01181	0.01280	0.01399
0.01544	0.01726	0.01959	0.02268		
3746952.85	0.00928	0.00987	0.01054	0.01132	0.01224
0.01332	0.01463	0.01623	0.01823		
3746902.85	0.00844	0.00893	0.00948	0.01010	0.01082
0.01164	0.01261	0.01376	0.01513		

 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				

3746852.85	0.00772	0.00812	0.00857	0.00907	0.00964	
0.01028	0.01101	0.01186	0.01284			
3746802.85	0.00709	0.00742	0.00779	0.00820	0.00865	
0.00916	0.00972	0.01035	0.01107			
3746752.85	0.00653	0.00681	0.00712	0.00745	0.00781	
0.00821	0.00865	0.00913	0.00966			
3746702.85	0.00603	0.00627	0.00652	0.00680	0.00709	
0.00741	0.00775	0.00812	0.00852			
3746652.85	0.00559	0.00579	0.00600	0.00623	0.00647	
0.00672	0.00699	0.00728	0.00758			

*** AERMOD - VERSION 22112 *** ** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32	408893.32	408943.32				

3748852.85	0.00308	0.00299	0.00291	0.00284	0.00276	
0.00269	0.00261	0.00254	0.00248			
3748802.85	0.00320	0.00311	0.00302	0.00294	0.00286	
0.00278	0.00270	0.00263	0.00256			
3748752.85	0.00333	0.00323	0.00314	0.00305	0.00297	
0.00288	0.00280	0.00272	0.00264			
3748702.85	0.00347	0.00336	0.00327	0.00317	0.00308	
0.00299	0.00290	0.00282	0.00273			
3748652.85	0.00361	0.00350	0.00340	0.00330	0.00320	
0.00310	0.00301	0.00292	0.00283			
3748602.85	0.00377	0.00365	0.00354	0.00343	0.00332	
0.00322	0.00312	0.00302	0.00293			
3748552.85	0.00394	0.00381	0.00369	0.00357	0.00345	
0.00334	0.00324	0.00313	0.00303			
3748502.85	0.00412	0.00398	0.00385	0.00372	0.00360	

0.00348	0.00336	0.00325	0.00314		
3748452.85		0.00431	0.00416	0.00402	0.00388
0.00362		0.00349	0.00338	0.00326	0.00375
3748402.85		0.00451	0.00435	0.00420	0.00405
0.00377		0.00364	0.00351	0.00338	0.00391
3748352.85		0.00474	0.00456	0.00439	0.00423
0.00393		0.00379	0.00365	0.00352	0.00408
3748302.85		0.00498	0.00479	0.00460	0.00423
0.00410		0.00395	0.00380	0.00366	0.00443
3748252.85		0.00524	0.00503	0.00483	0.00426
0.00429		0.00412	0.00396	0.00381	0.00464
3748202.85		0.00553	0.00530	0.00508	0.00446
0.00448		0.00430	0.00413	0.00397	0.00487
3748152.85		0.00584	0.00558	0.00535	0.00467
0.00470		0.00450	0.00431	0.00414	0.00512
3748102.85		0.00618	0.00590	0.00564	0.00490
0.00493		0.00471	0.00451	0.00432	0.00539
3748052.85		0.00656	0.00625	0.00596	0.00515
0.00518		0.00495	0.00472	0.00451	0.00568
3748002.85		0.00698	0.00663	0.00631	0.00542
0.00545		0.00520	0.00495	0.00473	0.00601
3747952.85		0.00745	0.00706	0.00670	0.00572
0.00575		0.00547	0.00521	0.00496	0.00636
3747902.85		0.00798	0.00754	0.00713	0.00605
0.00608		0.00577	0.00548	0.00520	0.00676
3747852.85		0.00858	0.00808	0.00762	0.00641
0.00644		0.00610	0.00578	0.00548	0.00720
3747802.85		0.00926	0.00869	0.00817	0.00681
0.00684		0.00646	0.00611	0.00578	0.00720
3747752.85		0.01006	0.00940	0.00880	0.00769
0.00729		0.00687	0.00647	0.00611	0.00725
3747702.85		0.01098	0.01021	0.00952	0.00825
0.00780		0.00732	0.00688	0.00647	0.00889
3747652.85		0.01209	0.01117	0.01035	0.00832
0.00838		0.00784	0.00734	0.00688	0.00963
3747602.85		0.01342	0.01231	0.01134	0.00897
0.00904		0.00843	0.00786	0.00734	0.01049
3747552.85		0.01506	0.01369	0.01252	0.00973
0.00982		0.00910	0.00846	0.00787	0.01150
3747502.85		0.01714	0.01541	0.01396	0.01061
0.01073		0.00990	0.00915	0.00847	0.01273
3747452.85		0.01987	0.01760	0.01575	0.01166
0.01182		0.01084	0.00997	0.00918	0.01423
3747402.85		0.02362	0.02049	0.01806	0.01294
0.01316		0.01198	0.01095	0.01002	0.01612
3747352.85		0.02914	0.02452	0.02116	0.01452
0.01484		0.01340	0.01215	0.01105	0.01859
3747302.85		0.03817	0.03057	0.02554	0.01654
0.01704		0.01522	0.01367	0.01231	0.02195
3747252.85		0.05606	0.04076	0.03230	0.01922
0.02004		0.01765	0.01565	0.01394	0.02686
3747202.85		0.03784	0.06212	0.04429	0.02300
0.02442		0.02107	0.01837	0.01611	0.03483
3747152.85		0.03793	0.06010	0.04994	0.02877
0.03151		0.02628	0.02232	0.01916	0.05048
3747102.85		0.04396	0.03558	0.03863	0.03890
0.04504		0.03522	0.02862	0.02378	0.05441
3747052.85		0.03796	0.05290	0.03420	0.06186
0.04991		0.05427	0.04027	0.03159	0.03635
3747002.85		0.02695	0.03313	0.04276	0.03754
0.03579		0.03569	0.04515	0.04767	0.04211
3746952.85		0.02079	0.02413	0.02870	0.03491
0.04438		0.03445	0.03402	0.03245	0.03538
3746902.85		0.01680	0.01885	0.02146	0.04644
0.03708		0.04998	0.04498	0.03159	0.02490
					0.02972

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD	X-COORD (METERS)					
(METERS)	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32	408893.32	408943.32				

3746852.85	0.01398	0.01533	0.01696	0.01897	0.02153
0.02496	0.02980	0.03711	0.04932		
3746802.85	0.01188	0.01280	0.01387	0.01512	0.01661
0.01841	0.02064	0.02344	0.02699		
3746752.85	0.01024	0.01089	0.01161	0.01241	0.01331
0.01432	0.01543	0.01662	0.01779		
3746702.85	0.00895	0.00941	0.00990	0.01042	0.01098
0.01155	0.01212	0.01263	0.01300		
3746652.85	0.00789	0.00822	0.00856	0.00891	0.00926
0.00958	0.00987	0.01008	0.01016		

*** AERMOD - VERSION 22112 *** ** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD	X-COORD (METERS)					
(METERS)	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32

3748852.85	0.00241	0.00234	0.00228	0.00222	0.00216	0.00210
3748802.85	0.00249	0.00242	0.00235	0.00228	0.00222	0.00216
3748752.85	0.00257	0.00249	0.00242	0.00235	0.00229	0.00222
3748702.85	0.00265	0.00257	0.00250	0.00242	0.00235	0.00228
3748652.85	0.00274	0.00266	0.00258	0.00250	0.00242	0.00235
3748602.85	0.00284	0.00275	0.00266	0.00258	0.00250	0.00242
3748552.85	0.00294	0.00284	0.00275	0.00266	0.00258	0.00249
3748502.85	0.00304	0.00294	0.00284	0.00275	0.00266	0.00257
3748452.85	0.00315	0.00304	0.00294	0.00284	0.00274	0.00265
3748402.85	0.00327	0.00315	0.00304	0.00294	0.00283	0.00273
3748352.85	0.00339	0.00327	0.00315	0.00304	0.00293	0.00282
3748302.85	0.00352	0.00339	0.00326	0.00314	0.00303	0.00291
3748252.85	0.00366	0.00352	0.00338	0.00325	0.00313	0.00301
3748202.85	0.00381	0.00366	0.00351	0.00337	0.00324	0.00311
3748152.85	0.00396	0.00380	0.00365	0.00350	0.00335	0.00322
3748102.85	0.00413	0.00396	0.00379	0.00363	0.00348	0.00333
3748052.85	0.00431	0.00412	0.00394	0.00377	0.00361	0.00345
3748002.85	0.00451	0.00430	0.00411	0.00392	0.00374	0.00357
3747952.85	0.00472	0.00449	0.00428	0.00408	0.00389	0.00371
3747902.85	0.00495	0.00470	0.00447	0.00425	0.00404	0.00385
3747852.85	0.00519	0.00493	0.00467	0.00444	0.00421	0.00400
3747802.85	0.00546	0.00517	0.00489	0.00463	0.00439	0.00416
3747752.85	0.00576	0.00544	0.00513	0.00485	0.00458	0.00433
3747702.85	0.00609	0.00573	0.00540	0.00508	0.00479	0.00451
3747652.85	0.00645	0.00606	0.00568	0.00534	0.00501	0.00471
3747602.85	0.00686	0.00642	0.00600	0.00562	0.00526	0.00492
3747552.85	0.00733	0.00682	0.00636	0.00593	0.00552	0.00515
3747502.85	0.00785	0.00728	0.00676	0.00627	0.00582	0.00540
3747452.85	0.00847	0.00781	0.00721	0.00666	0.00614	0.00567
3747402.85	0.00919	0.00843	0.00773	0.00709	0.00651	0.00597
3747352.85	0.01005	0.00915	0.00834	0.00759	0.00692	0.00630
3747302.85	0.01111	0.01003	0.00906	0.00817	0.00738	0.00666
3747252.85	0.01244	0.01111	0.00992	0.00886	0.00791	0.00707
3747202.85	0.01418	0.01249	0.01100	0.00968	0.00852	0.00751
3747152.85	0.01655	0.01432	0.01238	0.01069	0.00924	0.00801
3747102.85	0.01999	0.01687	0.01422	0.01196	0.01007	0.00854
3747052.85	0.02547	0.02072	0.01681	0.01360	0.01105	0.00911
3747002.85	0.03563	0.02728	0.02082	0.01580	0.01217	0.00968
3746952.85	0.03995	0.04124	0.02793	0.01881	0.01333	0.01015
3746902.85	0.02899	0.02329	0.02380	0.02254	0.01417	0.01037

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** *** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
 SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):			L0000001	,	L0000002	,
			L0000003	,	L0000004	,
L0000006	,	L0000007	,	L0000008	,	L0000009
L0000011	,	L0000012	,	L0000013	,	L0000014
L0000014	,	L0000015	,	L0000016	,	L0000017
L0000019	,	L0000020	,	L0000021	,	L0000022
L0000022	,	L0000023	,	L0000024	,	L0000025
L0000027	,	L0000028	,	. . .	,	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD (METERS)		408993.32	409043.32	409093.32	X-COORD (METERS) 409143.32	409193.32	409243.32
3746852.85		0.04013	0.01779	0.02091	0.02331	0.01390	0.01012
3746802.85		0.03150	0.03627	0.02959	0.01791	0.01228	0.00935
3746752.85		0.01867	0.01851	0.01628	0.01295	0.01022	0.00831
3746702.85		0.01306	0.01258	0.01146	0.00995	0.00849	0.00728
3746652.85		0.01003	0.00963	0.00894	0.00809	0.00720	0.00639

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

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

NETWORK

GROUP ID	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL,	
ALL	1ST HIGHEST VALUE IS	0.06970 AT (	407443.32,	3748002.85,	0.00,
0.00,	0.00) GC UCART1	0.06907 AT (	408193.32,	3747502.85,	0.00,
	2ND HIGHEST VALUE IS	0.06212 AT (	408593.32,	3747202.85,	0.00,
	0.00, 0.00) GC UCART1	0.06186 AT (	408743.32,	3747102.85,	0.00,
	3RD HIGHEST VALUE IS	0.06024 AT (	408343.32,	3747402.85,	0.00,
	0.00, 0.00) GC UCART1	0.06010 AT (	408593.32,	3747152.85,	0.00,
	4TH HIGHEST VALUE IS	0.05964 AT (	407543.32,	3747902.85,	0.00,
	0.00, 0.00) GC UCART1	0.05894 AT (	407843.32,	3747752.85,	0.00,
	5TH HIGHEST VALUE IS	0.05866 AT (	407693.32,	3747852.85,	0.00,
	0.00, 0.00) GC UCART1	0.05863 AT (	408343.32,	3747252.85,	0.00,
	6TH HIGHEST VALUE IS				
	0.00, 0.00) GC UCART1				
	7TH HIGHEST VALUE IS				
	0.00, 0.00) GC UCART1				
	8TH HIGHEST VALUE IS				
	0.00, 0.00) GC UCART1				
	9TH HIGHEST VALUE IS				
	0.00, 0.00) GC UCART1				
	10TH HIGHEST VALUE IS				
	0.00, 0.00) GC UCART1				

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 20:48:29

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 7/6/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Ops CA-91 CO\14635 Ops
CA-91 CO.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
  MODELOPT DFAULT CONC
  AVERTIME 1 8
  URBANOPT 3010232 Orange_County
  POLLUTID CO
  RUNORNOT RUN
  ERRORFIL "14635 Ops CA-91 CO.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 53.00
** Configuration = Adjacent
** Emission Rate = 4.89
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 13
** 404371.937, 3746972.329, 0.00, 3.49, 24.65
** 404707.688, 3746802.877, 0.00, 3.49, 24.65
** 404797.537, 3746763.470, 0.00, 3.49, 24.65
** 404850.343, 3746740.613, 0.00, 3.49, 24.65
** 404939.404, 3746711.452, 0.00, 3.49, 24.65
** 405094.669, 3746674.409, 0.00, 3.49, 24.65
** 405206.586, 3746657.070, 0.00, 3.49, 24.65
** 405325.596, 3746650.764, 0.00, 3.49, 24.65
** 405904.885, 3746647.612, 0.00, 3.49, 24.65
** 406282.408, 3746647.612, 0.00, 3.49, 24.65
** 406934.995, 3746644.459, 0.00, 3.49, 24.65
** 407837.003, 3746642.031, 0.00, 3.49, 24.65
** 408727.746, 3746644.991, 0.00, 3.49, 24.65
** -----
  LOCATION L0000001      VOLUME  404395.595 3746960.389 0.0
  LOCATION L0000002      VOLUME  404442.911 3746936.509 0.0
  LOCATION L0000003      VOLUME  404490.226 3746912.629 0.0
  LOCATION L0000004      VOLUME  404537.541 3746888.749 0.0

```

LOCATION	L0000005	VOLUME	404584.857	3746864.869	0.0
LOCATION	L0000006	VOLUME	404632.172	3746840.990	0.0
LOCATION	L0000007	VOLUME	404679.488	3746817.110	0.0
LOCATION	L0000008	VOLUME	404727.297	3746794.277	0.0
LOCATION	L0000009	VOLUME	404775.833	3746772.989	0.0
LOCATION	L0000010	VOLUME	404824.427	3746751.831	0.0
LOCATION	L0000011	VOLUME	404873.874	3746732.908	0.0
LOCATION	L0000012	VOLUME	404924.243	3746716.416	0.0
LOCATION	L0000013	VOLUME	404975.439	3746702.855	0.0
LOCATION	L0000014	VOLUME	405026.992	3746690.555	0.0
LOCATION	L0000015	VOLUME	405078.545	3746678.256	0.0
LOCATION	L0000016	VOLUME	405130.664	3746668.832	0.0
LOCATION	L0000017	VOLUME	405183.039	3746660.718	0.0
LOCATION	L0000018	VOLUME	405235.717	3746655.526	0.0
LOCATION	L0000019	VOLUME	405288.643	3746652.722	0.0
LOCATION	L0000020	VOLUME	405341.591	3746650.677	0.0
LOCATION	L0000021	VOLUME	405394.590	3746650.389	0.0
LOCATION	L0000022	VOLUME	405447.589	3746650.100	0.0
LOCATION	L0000023	VOLUME	405500.588	3746649.812	0.0
LOCATION	L0000024	VOLUME	405553.587	3746649.524	0.0
LOCATION	L0000025	VOLUME	405606.587	3746649.235	0.0
LOCATION	L0000026	VOLUME	405659.586	3746648.947	0.0
LOCATION	L0000027	VOLUME	405712.585	3746648.658	0.0
LOCATION	L0000028	VOLUME	405765.584	3746648.370	0.0
LOCATION	L0000029	VOLUME	405818.584	3746648.081	0.0
LOCATION	L0000030	VOLUME	405871.583	3746647.793	0.0
LOCATION	L0000031	VOLUME	405924.582	3746647.612	0.0
LOCATION	L0000032	VOLUME	405977.582	3746647.612	0.0
LOCATION	L0000033	VOLUME	406030.582	3746647.612	0.0
LOCATION	L0000034	VOLUME	406083.582	3746647.612	0.0
LOCATION	L0000035	VOLUME	406136.582	3746647.612	0.0
LOCATION	L0000036	VOLUME	406189.582	3746647.612	0.0
LOCATION	L0000037	VOLUME	406242.582	3746647.612	0.0
LOCATION	L0000038	VOLUME	406295.582	3746647.548	0.0
LOCATION	L0000039	VOLUME	406348.581	3746647.292	0.0
LOCATION	L0000040	VOLUME	406401.581	3746647.036	0.0
LOCATION	L0000041	VOLUME	406454.580	3746646.780	0.0
LOCATION	L0000042	VOLUME	406507.580	3746646.524	0.0
LOCATION	L0000043	VOLUME	406560.579	3746646.268	0.0
LOCATION	L0000044	VOLUME	406613.578	3746646.012	0.0
LOCATION	L0000045	VOLUME	406666.578	3746645.756	0.0
LOCATION	L0000046	VOLUME	406719.577	3746645.500	0.0
LOCATION	L0000047	VOLUME	406772.577	3746645.244	0.0
LOCATION	L0000048	VOLUME	406825.576	3746644.988	0.0
LOCATION	L0000049	VOLUME	406878.575	3746644.732	0.0
LOCATION	L0000050	VOLUME	406931.575	3746644.476	0.0
LOCATION	L0000051	VOLUME	406984.574	3746644.326	0.0
LOCATION	L0000052	VOLUME	407037.574	3746644.183	0.0
LOCATION	L0000053	VOLUME	407090.574	3746644.040	0.0
LOCATION	L0000054	VOLUME	407143.574	3746643.898	0.0
LOCATION	L0000055	VOLUME	407196.574	3746643.755	0.0
LOCATION	L0000056	VOLUME	407249.574	3746643.612	0.0
LOCATION	L0000057	VOLUME	407302.573	3746643.470	0.0
LOCATION	L0000058	VOLUME	407355.573	3746643.327	0.0
LOCATION	L0000059	VOLUME	407408.573	3746643.184	0.0
LOCATION	L0000060	VOLUME	407461.573	3746643.042	0.0
LOCATION	L0000061	VOLUME	407514.573	3746642.899	0.0
LOCATION	L0000062	VOLUME	407567.572	3746642.756	0.0
LOCATION	L0000063	VOLUME	407620.572	3746642.614	0.0
LOCATION	L0000064	VOLUME	407673.572	3746642.471	0.0
LOCATION	L0000065	VOLUME	407726.572	3746642.328	0.0
LOCATION	L0000066	VOLUME	407779.572	3746642.186	0.0
LOCATION	L0000067	VOLUME	407832.571	3746642.043	0.0
LOCATION	L0000068	VOLUME	407885.571	3746642.192	0.0
LOCATION	L0000069	VOLUME	407938.571	3746642.369	0.0
LOCATION	L0000070	VOLUME	407991.571	3746642.545	0.0

LOCATION	L0000071	VOLUME	408044.570	3746642.721	0.0
LOCATION	L0000072	VOLUME	408097.570	3746642.897	0.0
LOCATION	L0000073	VOLUME	408150.570	3746643.073	0.0
LOCATION	L0000074	VOLUME	408203.569	3746643.249	0.0
LOCATION	L0000075	VOLUME	408256.569	3746643.425	0.0
LOCATION	L0000076	VOLUME	408309.569	3746643.602	0.0
LOCATION	L0000077	VOLUME	408362.568	3746643.778	0.0
LOCATION	L0000078	VOLUME	408415.568	3746643.954	0.0
LOCATION	L0000079	VOLUME	408468.568	3746644.130	0.0
LOCATION	L0000080	VOLUME	408521.568	3746644.306	0.0
LOCATION	L0000081	VOLUME	408574.567	3746644.482	0.0
LOCATION	L0000082	VOLUME	408627.567	3746644.659	0.0
LOCATION	L0000083	VOLUME	408680.567	3746644.835	0.0

** End of LINE VOLUME Source ID = SLINE1

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM	L0000001	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000002	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000003	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000004	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000005	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000006	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000007	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000008	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000009	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000010	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000011	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000012	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000013	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000014	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000015	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000016	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000017	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000018	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000019	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000020	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000021	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000022	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000023	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000024	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000025	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000026	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000027	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000028	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000029	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000030	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000031	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000032	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000033	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000034	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000035	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000036	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000037	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000038	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000039	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000040	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000041	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000042	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000043	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000044	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000045	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000046	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000047	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000048	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000049	0.0589156627	3.49	24.65	3.25
SRCPARAM	L0000050	0.0589156627	3.49	24.65	3.25

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
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 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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 83 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: CO

**Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR

**This Run Includes: 83 Source(s); 1 Source Group(s); and 1900 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 83 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

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) =      29.00 ;  Decay Coef. =
0.000          ;  Rot. Angle =      0.0
                  Emission Units = GRAMS/SEC                      ;  Emission Rate
                  Unit Factor =    0.10000E+07
                  Output Units  = MICROGRAMS/M**3
```

aermod.out

* * *

*** 14:33:44

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

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

L00000001	0	0.58916E-01	404395.6	3746960.4	0.0	3.49	24.65	3.25
YES								
L00000002	0	0.58916E-01	404442.9	3746936.5	0.0	3.49	24.65	3.25
YES								
L00000003	0	0.58916E-01	404490.2	3746912.6	0.0	3.49	24.65	3.25
YES								
L00000004	0	0.58916E-01	404537.5	3746888.7	0.0	3.49	24.65	3.25
YES								
L00000005	0	0.58916E-01	404584.9	3746864.9	0.0	3.49	24.65	3.25
YES								
L00000006	0	0.58916E-01	404632.2	3746841.0	0.0	3.49	24.65	3.25
YES								
L00000007	0	0.58916E-01	404679.5	3746817.1	0.0	3.49	24.65	3.25
YES								
L00000008	0	0.58916E-01	404727.3	3746794.3	0.0	3.49	24.65	3.25
YES								
L00000009	0	0.58916E-01	404775.8	3746773.0	0.0	3.49	24.65	3.25
YES								
L00000010	0	0.58916E-01	404824.4	3746751.8	0.0	3.49	24.65	3.25

YES								
L0000011	0	0.58916E-01	404873.9	3746732.9	0.0	3.49	24.65	3.25
YES								
L0000012	0	0.58916E-01	404924.2	3746716.4	0.0	3.49	24.65	3.25
YES								
L0000013	0	0.58916E-01	404975.4	3746702.9	0.0	3.49	24.65	3.25
YES								
L0000014	0	0.58916E-01	405027.0	3746690.6	0.0	3.49	24.65	3.25
YES								
L0000015	0	0.58916E-01	405078.5	3746678.3	0.0	3.49	24.65	3.25
YES								
L0000016	0	0.58916E-01	405130.7	3746668.8	0.0	3.49	24.65	3.25
YES								
L0000017	0	0.58916E-01	405183.0	3746660.7	0.0	3.49	24.65	3.25
YES								
L0000018	0	0.58916E-01	405235.7	3746655.5	0.0	3.49	24.65	3.25
YES								
L0000019	0	0.58916E-01	405288.6	3746652.7	0.0	3.49	24.65	3.25
YES								
L0000020	0	0.58916E-01	405341.6	3746650.7	0.0	3.49	24.65	3.25
YES								
L0000021	0	0.58916E-01	405394.6	3746650.4	0.0	3.49	24.65	3.25
YES								
L0000022	0	0.58916E-01	405447.6	3746650.1	0.0	3.49	24.65	3.25
YES								
L0000023	0	0.58916E-01	405500.6	3746649.8	0.0	3.49	24.65	3.25
YES								
L0000024	0	0.58916E-01	405553.6	3746649.5	0.0	3.49	24.65	3.25
YES								
L0000025	0	0.58916E-01	405606.6	3746649.2	0.0	3.49	24.65	3.25
YES								
L0000026	0	0.58916E-01	405659.6	3746648.9	0.0	3.49	24.65	3.25
YES								
L0000027	0	0.58916E-01	405712.6	3746648.7	0.0	3.49	24.65	3.25
YES								
L0000028	0	0.58916E-01	405765.6	3746648.4	0.0	3.49	24.65	3.25
YES								
L0000029	0	0.58916E-01	405818.6	3746648.1	0.0	3.49	24.65	3.25
YES								
L0000030	0	0.58916E-01	405871.6	3746647.8	0.0	3.49	24.65	3.25
YES								
L0000031	0	0.58916E-01	405924.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000032	0	0.58916E-01	405977.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000033	0	0.58916E-01	406030.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000034	0	0.58916E-01	406083.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000035	0	0.58916E-01	406136.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000036	0	0.58916E-01	406189.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000037	0	0.58916E-01	406242.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000038	0	0.58916E-01	406295.6	3746647.5	0.0	3.49	24.65	3.25
YES								
L0000039	0	0.58916E-01	406348.6	3746647.3	0.0	3.49	24.65	3.25
YES								
L0000040	0	0.58916E-01	406401.6	3746647.0	0.0	3.49	24.65	3.25
YES								

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE					
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY							
	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0000041	0	0.58916E-01	406454.6	3746646.8	0.0	3.49	24.65	3.25
YES								
L0000042	0	0.58916E-01	406507.6	3746646.5	0.0	3.49	24.65	3.25
YES								
L0000043	0	0.58916E-01	406560.6	3746646.3	0.0	3.49	24.65	3.25
YES								
L0000044	0	0.58916E-01	406613.6	3746646.0	0.0	3.49	24.65	3.25
YES								
L0000045	0	0.58916E-01	406666.6	3746645.8	0.0	3.49	24.65	3.25
YES								
L0000046	0	0.58916E-01	406719.6	3746645.5	0.0	3.49	24.65	3.25
YES								
L0000047	0	0.58916E-01	406772.6	3746645.2	0.0	3.49	24.65	3.25
YES								
L0000048	0	0.58916E-01	406825.6	3746645.0	0.0	3.49	24.65	3.25
YES								
L0000049	0	0.58916E-01	406878.6	3746644.7	0.0	3.49	24.65	3.25
YES								
L0000050	0	0.58916E-01	406931.6	3746644.5	0.0	3.49	24.65	3.25
YES								
L0000051	0	0.58916E-01	406984.6	3746644.3	0.0	3.49	24.65	3.25
YES								
L0000052	0	0.58916E-01	407037.6	3746644.2	0.0	3.49	24.65	3.25
YES								
L0000053	0	0.58916E-01	407090.6	3746644.0	0.0	3.49	24.65	3.25
YES								
L0000054	0	0.58916E-01	407143.6	3746643.9	0.0	3.49	24.65	3.25
YES								
L0000055	0	0.58916E-01	407196.6	3746643.8	0.0	3.49	24.65	3.25
YES								
L0000056	0	0.58916E-01	407249.6	3746643.6	0.0	3.49	24.65	3.25
YES								
L0000057	0	0.58916E-01	407302.6	3746643.5	0.0	3.49	24.65	3.25
YES								
L0000058	0	0.58916E-01	407355.6	3746643.3	0.0	3.49	24.65	3.25
YES								
L0000059	0	0.58916E-01	407408.6	3746643.2	0.0	3.49	24.65	3.25
YES								
L0000060	0	0.58916E-01	407461.6	3746643.0	0.0	3.49	24.65	3.25
YES								
L0000061	0	0.58916E-01	407514.6	3746642.9	0.0	3.49	24.65	3.25
YES								
L0000062	0	0.58916E-01	407567.6	3746642.8	0.0	3.49	24.65	3.25
YES								
L0000063	0	0.58916E-01	407620.6	3746642.6	0.0	3.49	24.65	3.25
YES								
L0000064	0	0.58916E-01	407673.6	3746642.5	0.0	3.49	24.65	3.25
YES								
L0000065	0	0.58916E-01	407726.6	3746642.3	0.0	3.49	24.65	3.25
YES								
L0000066	0	0.58916E-01	407779.6	3746642.2	0.0	3.49	24.65	3.25

YES								
L0000067	0	0.58916E-01	407832.6	3746642.0	0.0	3.49	24.65	3.25
YES								
L0000068	0	0.58916E-01	407885.6	3746642.2	0.0	3.49	24.65	3.25
YES								
L0000069	0	0.58916E-01	407938.6	3746642.4	0.0	3.49	24.65	3.25
YES								
L0000070	0	0.58916E-01	407991.6	3746642.5	0.0	3.49	24.65	3.25
YES								
L0000071	0	0.58916E-01	408044.6	3746642.7	0.0	3.49	24.65	3.25
YES								
L0000072	0	0.58916E-01	408097.6	3746642.9	0.0	3.49	24.65	3.25
YES								
L0000073	0	0.58916E-01	408150.6	3746643.1	0.0	3.49	24.65	3.25
YES								
L0000074	0	0.58916E-01	408203.6	3746643.2	0.0	3.49	24.65	3.25
YES								
L0000075	0	0.58916E-01	408256.6	3746643.4	0.0	3.49	24.65	3.25
YES								
L0000076	0	0.58916E-01	408309.6	3746643.6	0.0	3.49	24.65	3.25
YES								
L0000077	0	0.58916E-01	408362.6	3746643.8	0.0	3.49	24.65	3.25
YES								
L0000078	0	0.58916E-01	408415.6	3746644.0	0.0	3.49	24.65	3.25
YES								
L0000079	0	0.58916E-01	408468.6	3746644.1	0.0	3.49	24.65	3.25
YES								
L0000080	0	0.58916E-01	408521.6	3746644.3	0.0	3.49	24.65	3.25
YES								

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000081	0	0.58916E-01	408574.6	3746644.5	0.0	3.49	24.65	3.25
YES								
L0000082	0	0.58916E-01	408627.6	3746644.7	0.0	3.49	24.65	3.25
YES								
L0000083	0	0.58916E-01	408680.6	3746644.8	0.0	3.49	24.65	3.25
YES								

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

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	, L0000046	,
	L0000047	, L0000048	,				
	L0000049	, L0000050	, L0000051	, L0000052	, L0000053	, L0000054	,
	L0000055	, L0000056	,				
	L0000057	, L0000058	, L0000059	, L0000060	, L0000061	, L0000062	,
	L0000063	, L0000064	,				
	L0000065	, L0000066	, L0000067	, L0000068	, L0000069	, L0000070	,
	L0000071	, L0000072	,				
	L0000073	, L0000074	, L0000075	, L0000076	, L0000077	, L0000078	,
	L0000079	, L0000080	,				
	L0000081	, L0000082	, L0000083	,			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID

URBAN POP

SOURCE IDs

	3010232.	L0000001	, L0000002	, L0000003	, L0000004	, L0000005	,
	L0000006	, L0000007	,				
L0000008	,						
	L0000009	, L0000010	, L0000011	, L0000012	, L0000013	, L0000014	,
	L0000015	, L0000016	,				
	L0000017	, L0000018	, L0000019	, L0000020	, L0000021	, L0000022	,
	L0000023	, L0000024	,				
	L0000025	, L0000026	, L0000027	, L0000028	, L0000029	, L0000030	,
	L0000031	, L0000032	,				
	L0000033	, L0000034	, L0000035	, L0000036	, L0000037	, L0000038	,
	L0000039	, L0000040	,				

L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 ,
L0000047 , L0000048 ,

L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 ,
L0000055 , L0000056 ,

L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 ,
L0000063 , L0000064 ,

L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,
L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,
L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

404203.6, 404253.6, 404303.6, 404353.6, 404403.6, 404453.6, 404503.6, 404553.6,
404603.6, 404653.6,
404703.6, 404753.6, 404803.6, 404853.6, 404903.6, 404953.6, 405003.6, 405053.6,
405103.6, 405153.6,
405203.6, 405253.6, 405303.6, 405353.6, 405403.6, 405453.6, 405503.6, 405553.6,
405603.6, 405653.6,
405703.6, 405753.6, 405803.6, 405853.6, 405903.6, 405953.6, 406003.6, 406053.6,
406103.6, 406153.6,
406203.6, 406253.6, 406303.6, 406353.6, 406403.6, 406453.6, 406503.6, 406553.6,
406603.6, 406653.6,
406703.6, 406753.6, 406803.6, 406853.6, 406903.6, 406953.6, 407003.6, 407053.6,
407103.6, 407153.6,
407203.6, 407253.6, 407303.6, 407353.6, 407403.6, 407453.6, 407503.6, 407553.6,
407603.6, 407653.6,
407703.6, 407753.6, 407803.6, 407853.6, 407903.6, 407953.6, 408003.6, 408053.6,
408103.6, 408153.6,
408203.6, 408253.6, 408303.6, 408353.6, 408403.6, 408453.6, 408503.6, 408553.6,
408603.6, 408653.6,
408703.6, 408753.6, 408803.6, 408853.6, 408903.6,

*** Y-COORDINATES OF GRID ***
(METERS)

3746259.5, 3746309.5, 3746359.5, 3746409.5, 3746459.5, 3746509.5, 3746559.5, 3746609.5,
3746659.5, 3746709.5,
3746759.5, 3746809.5, 3746859.5, 3746909.5, 3746959.5, 3747009.5, 3747059.5, 3747109.5,
3747159.5, 3747209.5,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57	404553.57	404603.57				

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 405103.57 405153.57 405203.57 405253.57 405303.57 405353.57
405403.57 405453.57 405503.57

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00

0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD							
(METERS)		405553.57	405603.57	405653.57	405703.57	405753.57	405803.57
405853.57		405903.57	405953.57				

3747209.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747159.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747109.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747059.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747009.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746959.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746909.46		0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 ***
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		406003.57	406053.57	406103.57	406153.57	406203.57
406303.57		406353.57	406403.57			406253.57

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00

```
0.00      0.00      0.00      0.00
3746659.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746609.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746559.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746509.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746459.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746409.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746359.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746309.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746259.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
***                                     *** 14:33:44
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PAGE 13
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 406453.57 406503.57 406553.57 406603.57 406653.57 406703.57
406753.57 406803.57 406853.57
-----
3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
```

0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
407203.57		407253.57	407303.57				

3747209.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747159.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747109.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747059.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747009.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746959.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746909.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746859.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746809.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746759.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746709.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746659.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746609.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746559.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746509.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746459.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746409.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746359.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746309.46		0.00	0.00	0.00	0.00	0.00	0.00

0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
407653.57	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
407703.57	407753.57					

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
408103.57	408153.57	408203.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** 14:33:44

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)

(METERS)	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
408553.57	408603.57	408653.57				

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23

*** AERMET - VERSION 16216 ***
*** *** 14:33:44

PAGE 18
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD				X-COORD (METERS)	
(METERS)	408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***      14:33:44

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

* HILL HEIGHT SCALES IN METERS *

.....

3747209.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00			

```
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44
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PAGE 20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
404953.57	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
405003.57	405053.57					

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			

PAGE 21

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
405403.57	405103.57	405153.57	405203.57	405253.57	405303.57	405353.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

PAGE 22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* HILL HEIGHT SCALES IN METERS *

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

PAGE 23

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
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* HILL HEIGHT SCALES IN METERS *

Y-COORD						X-COORD (METERS)	
(METERS)		406003.57	406053.57	406103.57	406153.57	406203.57	406253.57
406303.57		406353.57	406403.57				

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- - - - -
3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
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14:33:44

PAGE 24

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```

Y-COORD | X-COORD (METERS)
(METERS) | 406453.57 406503.57 406553.57 406603.57 406653.57 406703.57
406753.57 406803.57 406853.57

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- - - - -
3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

```

3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 ***

GP\14635 Cons *** 07/06/23

*** AERMET - VERSION 16216 ***

*** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

14:33:44

PAGE 25

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD							
(METERS)		406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
407203.57		407253.57	407303.57				
-----	-----	-----	-----	-----	-----	-----	-----
3747209.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747159.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747109.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747059.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747009.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746959.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746909.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				

3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			



*** AERMOD - VERSION 22112 ***

*** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

GP\14635 Cons *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		407353.57	407403.57	407453.57	407503.57	407553.57
407603.57		407703.57	407753.57			

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
408103.57		408153.57	408203.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408553.57	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
408653.57	408603.57	408653.57				

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			

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3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00

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*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 * LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000001	404403.6 3746909.5	-1.45
L0000001	404353.6 3746959.5	-10.96
L0000001	404403.6 3746959.5	-44.97
L0000001	404403.6 3747009.5	-3.28
L0000002	404403.6 3746909.5	-5.25
L0000002	404453.6 3746909.5	-23.92
L0000002	404403.6 3746959.5	-7.45
L0000002	404453.6 3746959.5	-27.69
L0000003	404453.6 3746909.5	-16.20
L0000003	404503.6 3746909.5	-39.28


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*** AERMOD - VERSION 22112 ***      C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 14:33:44
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

SOURCE	- - RECEPTOR	LOCATION - -	DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L00000011	404853.6	3746759.5	-19.57
L00000011	404903.6	3746759.5	-13.16
L00000012	404903.6	3746709.5	-31.19
L00000012	404953.6	3746709.5	-22.86
L00000012	404903.6	3746759.5	-5.25
L00000012	404953.6	3746759.5	-0.91
L00000013	404953.6	3746659.5	-4.40
L00000013	405003.6	3746659.5	-1.28
L00000013	404953.6	3746709.5	-30.15
L00000013	405003.6	3746709.5	-24.10
L00000014	405003.6	3746659.5	-14.07
L00000014	405053.6	3746659.5	-12.09
L00000014	405003.6	3746709.5	-22.90
L00000014	405053.6	3746709.5	-20.38
L00000015	405053.6	3746659.5	-21.74
L00000015	405103.6	3746659.5	-21.70
L00000015	405053.6	3746709.5	-13.03
L00000015	405103.6	3746709.5	-13.00
L00000016	405103.6	3746659.5	-24.33

L0000016	405153.6	3746659.5	-28.25
L0000016	405103.6	3746709.5	-4.16
L0000016	405153.6	3746709.5	-6.36
L0000017	405153.6	3746659.5	-23.50
L0000017	405203.6	3746659.5	-32.43
L0000017	405203.6	3746709.5	-0.11
L0000018	405253.6	3746609.5	-3.59
L0000018	405203.6	3746659.5	-20.61
L0000018	405253.6	3746659.5	-34.72
L0000019	405303.6	3746609.5	-7.23
L0000019	405253.6	3746659.5	-17.28
L0000019	405303.6	3746659.5	-36.62
L0000020	405353.6	3746609.5	-10.08
L0000020	405303.6	3746659.5	-13.98
L0000020	405353.6	3746659.5	-38.14
L0000021	405403.6	3746609.5	-11.09
L0000021	405353.6	3746659.5	-10.99
L0000021	405403.6	3746659.5	-40.23
L0000022	405453.6	3746609.5	-11.92
L0000022	405403.6	3746659.5	-7.99
L0000022	405453.6	3746659.5	-41.89

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***      07/06/23
*** AERMET - VERSION 16216 ***
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14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 * LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000023	405503.6 3746609.5	-12.54
L0000023	405453.6 3746659.5	-5.00
L0000023	405503.6 3746659.5	-42.90
L0000023	405553.6 3746659.5	0.86
L0000024	405553.6 3746609.5	-12.93
L0000024	405503.6 3746659.5	-2.00
L0000024	405553.6 3746659.5	-43.06
L0000024	405603.6 3746659.5	-2.04
L0000025	405603.6 3746609.5	-13.11
L0000025	405603.6 3746659.5	-42.34
L0000025	405653.6 3746659.5	-4.91
L0000026	405653.6 3746609.5	-13.05
L0000026	405653.6 3746659.5	-40.88
L0000026	405703.6 3746659.5	-7.77
L0000027	405703.6 3746609.5	-12.78
L0000027	405703.6 3746659.5	-38.93
L0000027	405753.6 3746659.5	-10.61
L0000028	405753.6 3746609.5	-12.27
L0000028	405753.6 3746659.5	-36.65
L0000028	405803.6 3746659.5	-13.43
L0000029	405803.6 3746609.5	-11.56
L0000029	405853.6 3746609.5	-0.89
L0000029	405803.6 3746659.5	-34.16
L0000029	405853.6 3746659.5	-16.21
L0000030	405853.6 3746609.5	-10.64
L0000030	405903.6 3746609.5	-3.07
L0000030	405853.6 3746659.5	-31.54
L0000030	405903.6 3746659.5	-18.95

L0000031	405903.6	3746609.5	-9.44
L0000031	405953.6	3746609.5	-5.08
L0000031	405903.6	3746659.5	-28.88
L0000031	405953.6	3746659.5	-21.68
L0000032	405953.6	3746609.5	-7.92
L0000032	406003.6	3746609.5	-6.84
L0000032	405953.6	3746659.5	-26.22
L0000032	406003.6	3746659.5	-24.44
L0000033	406003.6	3746609.5	-6.25
L0000033	406053.6	3746609.5	-8.46
L0000033	406003.6	3746659.5	-23.50
L0000033	406053.6	3746659.5	-27.14

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000034	406053.6 3746609.5	-4.46
L0000034	406103.6 3746609.5	-9.93
L0000034	406053.6 3746659.5	-20.73
L0000034	406103.6 3746659.5	-29.76
L0000035	406103.6 3746609.5	-2.55
L0000035	406153.6 3746609.5	-11.23
L0000035	406103.6 3746659.5	-17.92
L0000035	406153.6 3746659.5	-32.29
L0000036	406153.6 3746609.5	-0.53
L0000036	406203.6 3746609.5	-12.36
L0000036	406153.6 3746659.5	-15.09
L0000036	406203.6 3746659.5	-34.67
L0000037	406253.6 3746609.5	-13.29
L0000037	406203.6 3746659.5	-12.23
L0000037	406253.6 3746659.5	-36.84
L0000038	406303.6 3746609.5	-14.08
L0000038	406253.6 3746659.5	-9.33
L0000038	406303.6 3746659.5	-38.66
L0000039	406353.6 3746609.5	-14.84
L0000039	406303.6 3746659.5	-6.37
L0000039	406353.6 3746659.5	-39.85
L0000040	406403.6 3746609.5	-15.37
L0000040	406353.6 3746659.5	-3.41
L0000040	406403.6 3746659.5	-40.42
L0000040	406453.6 3746659.5	0.46
L0000041	406453.6 3746609.5	-15.66
L0000041	406403.6 3746659.5	-0.44
L0000041	406453.6 3746659.5	-40.28
L0000041	406503.6 3746659.5	-2.39
L0000042	406503.6 3746609.5	-15.72
L0000042	406503.6 3746659.5	-39.45
L0000042	406553.6 3746659.5	-5.22
L0000043	406553.6 3746609.5	-15.53
L0000043	406553.6 3746659.5	-38.06
L0000043	406603.6 3746659.5	-8.03
L0000044	406603.6 3746609.5	-15.10
L0000044	406603.6 3746659.5	-36.23

L0000044	406653.6	3746659.5	-10.80
L0000045	406653.6	3746609.5	-14.44
L0000045	406703.6	3746609.5	-1.17

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 * LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000045	406653.6 3746659.5	-34.10
L0000045	406703.6 3746659.5	-13.55
L0000046	406703.6 3746609.5	-13.56
L0000046	406753.6 3746609.5	-3.46
L0000046	406703.6 3746659.5	-31.76
L0000046	406753.6 3746659.5	-16.25
L0000047	406753.6 3746609.5	-12.48
L0000047	406803.6 3746609.5	-5.66
L0000047	406753.6 3746659.5	-29.26
L0000047	406803.6 3746659.5	-18.90
L0000048	406803.6 3746609.5	-11.21
L0000048	406853.6 3746609.5	-7.77
L0000048	406803.6 3746659.5	-26.66
L0000048	406853.6 3746659.5	-21.48
L0000049	406853.6 3746609.5	-9.76
L0000049	406903.6 3746609.5	-9.77
L0000049	406853.6 3746659.5	-23.98
L0000049	406903.6 3746659.5	-23.99
L0000050	406903.6 3746609.5	-8.16
L0000050	406953.6 3746609.5	-11.65
L0000050	406903.6 3746659.5	-21.24
L0000050	406953.6 3746659.5	-26.38
L0000051	406953.6 3746609.5	-6.34
L0000051	407003.6 3746609.5	-13.29
L0000051	406953.6 3746659.5	-18.50
L0000051	407003.6 3746659.5	-28.71
L0000052	407003.6 3746609.5	-4.40
L0000052	407053.6 3746609.5	-14.77
L0000052	407003.6 3746659.5	-15.72
L0000052	407053.6 3746659.5	-30.88
L0000053	407053.6 3746609.5	-2.35
L0000053	407103.6 3746609.5	-16.06
L0000053	407053.6 3746659.5	-12.91
L0000053	407103.6 3746659.5	-32.83
L0000054	407103.6 3746609.5	-0.21
L0000054	407153.6 3746609.5	-17.14
L0000054	407103.6 3746659.5	-10.07
L0000054	407153.6 3746659.5	-34.50
L0000055	407203.6 3746609.5	-18.00
L0000055	407153.6 3746659.5	-7.22

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 07/06/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
* LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000055	407203.6 3746659.5	-35.80
L0000056	407253.6 3746609.5	-18.61
L0000056	407203.6 3746659.5	-4.34
L0000056	407253.6 3746659.5	-36.65
L0000057	407303.6 3746609.5	-18.97
L0000057	407253.6 3746659.5	-1.45
L0000057	407303.6 3746659.5	-36.98
L0000057	407353.6 3746659.5	0.45
L0000058	407353.6 3746609.5	-19.07
L0000058	407353.6 3746659.5	-36.74
L0000058	407403.6 3746659.5	-2.36
L0000059	407403.6 3746609.5	-18.90
L0000059	407403.6 3746659.5	-35.97
L0000059	407453.6 3746659.5	-5.15
L0000060	407453.6 3746609.5	-18.48
L0000060	407503.6 3746609.5	0.78
L0000060	407453.6 3746659.5	-34.73
L0000060	407503.6 3746659.5	-7.91
L0000061	407503.6 3746609.5	-17.79
L0000061	407553.6 3746609.5	-1.63
L0000061	407503.6 3746659.5	-33.11
L0000061	407553.6 3746659.5	-10.63
L0000062	407553.6 3746609.5	-16.88
L0000062	407603.6 3746609.5	-3.96
L0000062	407553.6 3746659.5	-31.20
L0000062	407603.6 3746659.5	-13.31
L0000063	407603.6 3746609.5	-15.74
L0000063	407653.6 3746609.5	-6.22
L0000063	407603.6 3746659.5	-29.06
L0000063	407653.6 3746659.5	-15.95
L0000064	407653.6 3746609.5	-14.40
L0000064	407703.6 3746609.5	-8.39
L0000064	407653.6 3746659.5	-26.75
L0000064	407703.6 3746659.5	-18.52
L0000065	407703.6 3746609.5	-12.88
L0000065	407753.6 3746609.5	-10.46
L0000065	407703.6 3746659.5	-24.32
L0000065	407753.6 3746659.5	-21.02
L0000066	407753.6 3746609.5	-11.20
L0000066	407803.6 3746609.5	-12.42

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
* LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)

L0000066	407753.6	3746659.5	-21.78
L0000066	407803.6	3746659.5	-23.43
L0000067	407803.6	3746609.5	-9.38
L0000067	407853.6	3746609.5	-14.23
L0000067	407803.6	3746659.5	-19.17
L0000067	407853.6	3746659.5	-25.72
L0000068	407853.6	3746609.5	-7.22
L0000068	407903.6	3746609.5	-15.64
L0000068	407853.6	3746659.5	-16.63
L0000068	407903.6	3746659.5	-28.05
L0000069	407903.6	3746609.5	-4.96
L0000069	407953.6	3746609.5	-16.83
L0000069	407903.6	3746659.5	-14.05
L0000069	407953.6	3746659.5	-30.26
L0000070	407953.6	3746609.5	-2.61
L0000070	408003.6	3746609.5	-17.80
L0000070	407953.6	3746659.5	-11.40
L0000070	408003.6	3746659.5	-32.26
L0000071	408003.6	3746609.5	-0.20
L0000071	408053.6	3746609.5	-18.54
L0000071	408003.6	3746659.5	-8.71
L0000071	408053.6	3746659.5	-33.99
L0000072	408103.6	3746609.5	-19.03
L0000072	408053.6	3746659.5	-5.98
L0000072	408103.6	3746659.5	-35.38
L0000073	408153.6	3746609.5	-19.25
L0000073	408103.6	3746659.5	-3.22
L0000073	408153.6	3746659.5	-36.34
L0000074	408203.6	3746609.5	-19.21
L0000074	408153.6	3746659.5	-0.44
L0000074	408203.6	3746659.5	-36.79
L0000074	408253.6	3746659.5	-0.43
L0000075	408253.6	3746609.5	-18.90
L0000075	408253.6	3746659.5	-36.68
L0000075	408303.6	3746659.5	-3.34
L0000076	408303.6	3746609.5	-18.33
L0000076	408303.6	3746659.5	-36.04
L0000076	408353.6	3746659.5	-6.23
L0000077	408353.6	3746609.5	-17.52
L0000077	408403.6	3746609.5	0.47

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 07/06/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000077	408353.6 3746659.5	-34.92
L0000077	408403.6 3746659.5	-9.10
L0000078	408403.6 3746609.5	-16.48
L0000078	408453.6 3746609.5	-1.68
L0000078	408403.6 3746659.5	-33.39
L0000078	408453.6 3746659.5	-11.95
L0000079	408453.6 3746609.5	-15.22

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*** AERMOD - VERSION 22112 ***      C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 14:33:44
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*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

[illegible]

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*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
(METERS/SEC)

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P *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons    ***          07/06/23
*** AERMET - VERSION 16216 ***
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*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
KFUL_V9_ADJU\KFUL_v9.SFC
Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_v9.PFL
Surface format:
FREE

Met

Profile format:
FREE

Surface station no.: 3166
Name: UNKNOWN
UNKNOWN
Year: 2012

Upper air station no.: 3190
Name:
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	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96		
322.				10.1	283.8	2.0											
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52		
13.				10.1	283.1	2.0											
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
73.				10.1	282.0	2.0											
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91		
98.				10.1	281.4	2.0											
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	0.26	2.61	1.00	0.00		
0.				10.1	280.9	2.0											
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55		
80.				10.1	280.4	2.0											
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69		
201.				10.1	280.4	2.0											
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52		
72.				10.1	280.9	2.0											
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-999999.0	0.26	2.61	0.31	0.00		
0.				10.1	285.9	2.0											
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79		
268.				10.1	289.9	2.0											
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70		
273.				10.1	294.2	2.0											
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74		
230.				10.1	297.5	2.0											
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20		
227.				10.1	300.4	2.0											
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47		
233.				10.1	300.9	2.0											
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20		
233.				10.1	302.0	2.0											
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91		
229.				10.1	298.1	2.0											
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37		
212.				10.1	294.2	2.0											
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91		
190.				10.1	292.0	2.0											
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70		
302.				10.1	289.2	2.0											
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87		
338.				10.1	288.1	2.0											
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11		
304.				10.1	287.0	2.0											
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
76.				10.1	285.4	2.0											
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62		

3747209.5		11.27688	(12052806)	12.78620	(14062706)	14.52390	(14062706)
14.95578	(12052806)	16.06133	(12052806)				
3747159.5		12.97395	(13032208)	14.00742	(12052806)	17.65868	(14062706)
18.17031	(14062706)	19.31082	(12052806)				
3747109.5		20.08107	(13052506)	17.87934	(13032208)	20.43960	(14062706)
24.74792	(14062706)	24.61432	(12052806)				
3747059.5		31.49215	(13052506)	32.59761	(13052506)	30.13013	(13052506)
34.99743	(14062706)	35.17019	(12052806)				
3747009.5		37.60859	(13052506)	47.62480	(13052506)	59.95637	(13052506)
70.71301	(13052506)	42.88257	(14062706)				
3746959.5		35.09574	(13121916)	43.54161	(13121916)	65.52110	(13052506)
70.64002	(13052506)	62.62385	(13052506)				
3746909.5		33.18620	(13121916)	39.65166	(13121916)	49.69410	(13121916)
68.17466	(13121916)	67.14869	(13052506)				
3746859.5		27.24511	(13121916)	31.04912	(13121916)	36.04770	(13121916)
43.10223	(13121916)	54.41827	(12052806)				
3746809.5		21.58943	(13121916)	24.19789	(13121916)	27.43260	(13121916)
31.55420	(13121916)	38.71882	(12052806)				
3746759.5		16.52797	(13121916)	18.36281	(13121916)	20.93663	(12052806)
25.22993	(12052806)	30.53440	(12052806)				
3746709.5		14.00028	(12052806)	16.08972	(12052806)	18.64967	(12052806)
21.74074	(12052806)	25.40065	(12052806)				
3746659.5		13.10398	(12052806)	14.79960	(12052806)	16.80244	(12052806)
19.13944	(12052806)	21.82677	(12052806)				
3746609.5		12.27490	(12052806)	13.67229	(12052806)	15.27954	(12052806)
17.10928	(12052806)	19.16829	(12052806)				

3746559.5 | 11.51711 (12052806) 12.68484 (12052806) 14.00105 (12052806)
15.47162 (12052806) 17.09880 (12052806)
3746509.5 | 10.82767 (12052806) 11.81543 (12052806) 12.91119 (12052806)
14.11739 (12052806) 15.43404 (12052806)
3746459.5 | 10.20098 (12052806) 11.04542 (12052806) 11.97015 (12052806)
12.97582 (12052806) 14.06132 (12052806)
3746409.5 | 9.63080 (12052806) 10.35942 (12052806) 11.14883 (12052806)
11.99870 (12052806) 12.90741 (12052806)
3746359.5 | 9.11103 (12052806) 9.74488 (12052806) 10.42543 (12052806)
11.15186 (12052806) 11.92237 (12052806)
3746309.5 | 8.63610 (12052806) 9.19152 (12052806) 9.78327 (12052806)
10.41030 (12052806) 11.07080 (12052806)
3746259.5 | 8.20104 (12052806) 8.69090 (12052806) 9.20934 (12052806)
9.75521 (12052806) 10.32680 (12052806)
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 404453.57 404503.57 404553.57
404603.57 404653.57

3747209.5 | 16.92129 (12052806) 17.49512 (12052806) 17.80908 (12052806)
17.92261 (12052806) 17.89812 (12052806)
3747159.5 | 20.44597 (12052806) 21.04180 (12052806) 21.21016 (12052806)
21.10027 (12052806) 20.83240 (12052806)
3747109.5 | 26.13052 (12052806) 26.50763 (12052806) 26.19597 (12052806)
25.55894 (12052806) 24.80417 (12052806)
3747059.5 | 36.88215 (14120316) 35.80672 (12052806) 34.01852 (12052806)
32.14031 (12052806) 30.40173 (12052806)
3747009.5 | 64.60869 (14120316) 53.98614 (12052806) 47.51850 (12052806)
42.58253 (12052806) 38.75974 (12052806)
3746959.5 | 78.43645 (13052506) 67.92295 (12052806) 75.36134 (12052806)
61.41990 (12052806) 52.51486 (12052806)
3746909.5 | 75.21104 (13052506) 68.47974 (13052506) 88.75689 (12052806)
74.47183 (12052806) 80.08044 (12052806)
3746859.5 | 77.90857 (12052806) 78.92828 (12052806) 78.43824 (13052506)
71.79612 (13052506) 63.74557 (12052806)
3746809.5 | 49.60116 (12052806) 64.00672 (12052806) 85.29362 (12052806)
82.16793 (12052806) 79.85979 (13052506)
3746759.5 | 36.94706 (12052806) 44.73862 (12052806) 54.58537 (12052806)
67.95874 (12052806) 88.22585 (12052806)
3746709.5 | 29.66604 (12052806) 34.62318 (12052806) 40.46835 (12052806)
47.57270 (12052806) 56.57387 (12052806)

3746659.5 | 24.87886 (12052806) 28.32585 (12052806) 32.23259 (12052806)
36.71341 (12052806) 41.94327 (12052806)
3746609.5 | 21.46140 (12052806) 23.99815 (12052806) 26.79950 (12052806)
29.90194 (12052806) 33.35856 (12052806)
3746559.5 | 18.88302 (12052806) 20.82555 (12052806) 22.93109 (12052806)
25.20907 (12052806) 27.67319 (12052806)
3746509.5 | 16.85952 (12052806) 18.39176 (12052806) 20.02924 (12052806)
21.77147 (12052806) 23.61847 (12052806)
3746459.5 | 15.22417 (12052806) 16.46106 (12052806) 17.76826 (12052806)
19.14182 (12052806) 20.57722 (12052806)
3746409.5 | 13.87222 (12052806) 14.88953 (12052806) 15.95507 (12052806)
17.06397 (12052806) 18.21061 (12052806)
3746359.5 | 12.73426 (12052806) 13.58405 (12052806) 14.46761 (12052806)
15.38018 (12052806) 16.31633 (12052806)
3746309.5 | 11.76226 (12052806) 12.48150 (12052806) 13.22479 (12052806)
13.98783 (12052806) 14.76580 (12052806)
3746259.5 | 10.92183 (12052806) 11.53750 (12052806) 12.17052 (12052806)
12.81717 (12052806) 13.47331 (12052806)
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

PAGE 42
*** 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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF CO IN **
MICROGRAMS/M**3
Y-COORD | X-COORD (METERS)
(METERS) | 404703.57 404753.57 404803.57
404853.57 404903.57

3747209.5 | 17.78716 (12052806) 17.62778 (12052806) 17.44640 (12052806)
17.26062 (12052806) 17.08169 (12052806)
3747159.5 | 20.48788 (12052806) 20.11760 (12052806) 19.75203 (12052806)
19.40857 (12052806) 19.09641 (12052806)
3747109.5 | 24.03878 (12052806) 23.31536 (12052806) 22.65776 (12052806)
22.07466 (12052806) 21.56677 (12052806)
3747059.5 | 28.86718 (12052806) 27.54304 (12052806) 26.41486 (12052806)
25.46164 (12052806) 24.66158 (12052806)
3747009.5 | 35.75430 (12052806) 33.36485 (12052806) 31.44907 (12052806)
29.90384 (12052806) 28.65331 (12052806)
3746959.5 | 46.36115 (12052806) 41.90226 (12052806) 38.56399 (12052806)
36.00699 (12052806) 34.02010 (12052806)
3746909.5 | 65.15196 (12052806) 55.83986 (12052806) 49.52854 (12052806)
45.01974 (12052806) 41.70043 (12052806)
3746859.5 | 78.18740 (12052806) 83.99252 (12052806) 69.30787 (12052806)
60.06354 (12052806) 53.86143 (12052806)
3746809.5 | 75.74618 (13052506) 65.00242 (12052806) 84.02148 (12052806)
92.14077 (12052806) 77.07514 (12052806)

3746759.5 | 82.40795 (12052806) 81.94932 (13121916) 77.57100 (13052506)
70.90730 (13052506) 65.01584 (12052806)
3746709.5 | 68.55909 (12052806) 85.67257 (12052806) 79.00163 (12052806)
80.56230 (13121916) 81.56546 (13121916)
3746659.5 | 48.17549 (12052806) 55.79284 (12052806) 65.37313 (12052806)
77.66167 (12052806) 93.63703 (12052806)
3746609.5 | 37.23868 (12052806) 41.62658 (12052806) 46.60914 (12052806)
52.24442 (12052806) 58.54154 (12052806)
3746559.5 | 30.33935 (12052806) 33.22153 (12052806) 36.32448 (12052806)
39.63514 (12052806) 43.12201 (12052806)
3746509.5 | 25.56937 (12052806) 27.62009 (12052806) 29.76045 (12052806)
31.97216 (12052806) 34.22996 (12052806)
3746459.5 | 22.06867 (12052806) 23.60806 (12052806) 25.18392 (12052806)
26.78098 (12052806) 28.38088 (12052806)
3746409.5 | 19.38833 (12052806) 20.58897 (12052806) 21.80254 (12052806)
23.01717 (12052806) 24.21947 (12052806)
3746359.5 | 17.26983 (12052806) 18.23354 (12052806) 19.19930 (12052806)
20.15796 (12052806) 21.09965 (12052806)
3746309.5 | 15.55330 (12052806) 16.34436 (12052806) 17.13242 (12052806)
17.91044 (12052806) 18.67100 (12052806)
3746259.5 | 14.13440 (12052806) 14.79554 (12052806) 15.45149 (12052806)
16.09676 (12052806) 16.72572 (12052806)

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 404953.57 405003.57 405053.57
405103.57 405153.57

3747209.5 | 16.91647 (12052806) 16.76880 (12052806) 16.64052 (12052806)
16.53206 (12052806) 16.44301 (12052806)
3747159.5 | 18.81969 (12052806) 18.57943 (12052806) 18.37482 (12052806)
18.20397 (12052806) 18.06442 (12052806)
3747109.5 | 21.13071 (12052806) 20.76114 (12052806) 20.45196 (12052806)
20.19705 (12052806) 19.99050 (12052806)
3747059.5 | 23.99423 (12052806) 23.44121 (12052806) 22.98649 (12052806)
22.61643 (12052806) 22.31948 (12052806)
3747009.5 | 27.64000 (12052806) 26.81921 (12052806) 26.15608 (12052806)
25.62369 (12052806) 25.20115 (12052806)
3746959.5 | 32.46173 (12052806) 31.23096 (12052806) 30.25518 (12052806)
29.48297 (12052806) 28.87765 (12052806)
3746909.5 | 39.20582 (12052806) 37.29679 (12052806) 35.81576 (12052806)
34.66210 (12052806) 33.77081 (12052806)

3746859.5 | 49.50681 (12052806) 46.32337 (12052806) 43.92100 (12052806)
42.08533 (12052806) 40.69446 (12052806)
3746809.5 | 67.87453 (12052806) 61.68593 (12052806) 57.21292 (12052806)
53.89890 (12052806) 51.47194 (12052806)
3746759.5 | 84.40578 (12052806) 96.06123 (12052806) 84.52667 (12052806)
76.64298 (12052806) 71.33722 (12052806)
3746709.5 | 77.64246 (13121916) 71.11970 (13121916) 67.60566 (12052806)
66.19273 (12052806) 89.69990 (12052806)
3746659.5 | 81.31222 (12052806) 65.68518 (13121916) 69.13928 (13121916)
70.09227 (13121916) 69.63622 (12052806)
3746609.5 | 65.50130 (12052806) 73.28574 (12052806) 82.25157 (12052806)
92.13163 (12052806) 102.47685 (12052806)
3746559.5 | 46.75141 (12052806) 50.50880 (12052806) 54.36948 (12052806)
58.21657 (12052806) 61.86261 (12052806)
3746509.5 | 36.50634 (12052806) 38.77380 (12052806) 40.99609 (12052806)
43.11543 (12052806) 45.05519 (12052806)
3746459.5 | 29.96349 (12052806) 31.50715 (12052806) 32.98658 (12052806)
34.37079 (12052806) 35.62512 (12052806)
3746409.5 | 25.39500 (12052806) 26.52843 (12052806) 27.60322 (12052806)
28.60171 (12052806) 29.50648 (12052806)
3746359.5 | 22.01396 (12052806) 22.89015 (12052806) 23.71737 (12052806)
24.48494 (12052806) 25.18329 (12052806)
3746309.5 | 19.40651 (12052806) 20.10940 (12052806) 20.77230 (12052806)
21.38845 (12052806) 21.95216 (12052806)
3746259.5 | 17.33275 (12052806) 17.91237 (12052806) 18.45947 (12052806)
18.96954 (12052806) 19.43896 (12052806)
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

PAGE 44
*** 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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF CO IN **
MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 405203.57 405253.57 405303.57
405353.57 405403.57
3747209.5 | 16.37231 (12052806) 16.31854 (12052806) 16.27996 (12052806)
16.25473 (12052806) 16.24090 (12052806)
3747159.5 | 17.95334 (12052806) 17.86776 (12052806) 17.80457 (12052806)
17.76064 (12052806) 17.73292 (12052806)
3747109.5 | 19.82669 (12052806) 19.70027 (12052806) 19.60607 (12052806)
19.53913 (12052806) 19.49472 (12052806)
3747059.5 | 22.08564 (12052806) 21.90599 (12052806) 21.77226 (12052806)
21.67674 (12052806) 21.61226 (12052806)
3747009.5 | 24.87165 (12052806) 24.62076 (12052806) 24.43552 (12052806)
24.30394 (12052806) 24.21511 (12052806)

3746959.5		28.41142 (12052806)	28.06122 (12052806)	27.80642 (12052806)
27.62814 (12052806)		27.50931 (12052806)		
3746909.5		33.09539 (12052806)	32.59776 (12052806)	32.24382 (12052806)
32.00238 (12052806)		31.84553 (12052806)		
3746859.5		39.66446 (12052806)	38.92661 (12052806)	38.41909 (12052806)
38.08600 (12052806)		37.87853 (12052806)		
3746809.5		49.73869 (12052806)	48.54893 (12052806)	47.76959 (12052806)
47.28609 (12052806)		47.00462 (12052806)		
3746759.5		67.77412 (12052806)	65.49929 (12052806)	64.11060 (12052806)
63.31080 (12052806)		62.89953 (12052806)		
3746709.5		84.41948 (12052806)	106.35658 (12052806)	102.73138 (12052806)
100.73357 (12052806)		100.04204 (12052806)		
3746659.5		70.90742 (16112016)	75.19211 (16112016)	77.79233 (16112016)
79.95624 (16112016)		82.05087 (16112016)		
3746609.5		112.25532 (12052806)	87.90330 (12052806)	89.12692 (12052806)
89.06195 (12052806)		89.05152 (12052806)		
3746559.5		65.05378 (12052806)	67.56025 (12052806)	69.36919 (12052806)
70.56990 (12052806)		71.28292 (12052806)		
3746509.5		46.73403 (12052806)	48.09523 (12052806)	49.13500 (12052806)
49.89053 (12052806)		50.42384 (12052806)		
3746459.5		36.71790 (12052806)	37.63009 (12052806)	38.36204 (12052806)
38.93185 (12052806)		39.36933 (12052806)		
3746409.5		30.30333 (12052806)	30.98473 (12052806)	31.55205 (12052806)
32.01501 (12052806)		32.38920 (12052806)		
3746359.5		25.80528 (12052806)	26.34763 (12052806)	26.81163 (12052806)
27.20297 (12052806)		27.53048 (12052806)		
3746309.5		22.45950 (12052806)	22.90885 (12052806)	23.30126 (12052806)
23.64022 (12052806)		23.93107 (12052806)		
3746259.5		19.86535 (12052806)	20.24785 (12052806)	20.58721 (12052806)
20.88567 (12052806)		21.14662 (12052806)		

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)		405453.57	405503.57
405603.57		405653.57	405553.57

3747209.5		16.23657 (12052806)	16.23991 (12052806)	16.24925 (12052806)
16.26310 (12052806)		16.28016 (12052806)		
3747159.5		17.71849 (12052806)	17.71467 (12052806)	17.71906 (12052806)
17.72958 (12052806)		17.74448 (12052806)		
3747109.5		19.46851 (12052806)	19.45657 (12052806)	19.45552 (12052806)
19.46250 (12052806)		19.47517 (12052806)		

3747059.5		21.57234 (12052806)	21.55132 (12052806)	21.54440 (12052806)
21.54767 (12052806)		21.55806 (12052806)		
3747009.5		24.15930 (12052806)	24.12821 (12052806)	24.11506 (12052806)
24.11451 (12052806)		24.12255 (12052806)		
3746959.5		27.43499 (12052806)	27.39284 (12052806)	27.37312 (12052806)
27.36857 (12052806)		27.37397 (12052806)		
3746909.5		31.74945 (12052806)	31.69510 (12052806)	31.66829 (12052806)
31.65912 (12052806)		31.66096 (12052806)		
3746859.5		37.75609 (12052806)	37.68774 (12052806)	37.65232 (12052806)
37.63638 (12052806)		37.63177 (12052806)		
3746809.5		46.84770 (12052806)	46.76050 (12052806)	46.71062 (12052806)
46.68047 (12052806)		46.66067 (12052806)		
3746759.5		62.68670 (12052806)	62.55980 (12052806)	62.47025 (12052806)
62.39747 (12052806)		62.33220 (12052806)		
3746709.5		99.67454 (12052806)	99.37914 (12052806)	99.09804 (12052806)
98.81467 (12052806)		98.52549 (12052806)		
3746659.5		84.77061 (16112016)	87.87096 (16112016)	95.25966 (13121916)
91.56252 (13121916)		88.25470 (13121916)		
3746609.5		88.89351 (12052806)	88.87719 (12052806)	89.06260 (12052806)
89.47545 (12052806)		90.13311 (12052806)		
3746559.5		71.75708 (12052806)	72.12969 (12052806)	72.45260 (12052806)
72.74671 (12052806)		73.02145 (12052806)		
3746509.5		50.81134 (12052806)	51.11270 (12052806)	51.36261 (12052806)
51.57957 (12052806)		51.77352 (12052806)		
3746459.5		39.70862 (12052806)	39.97970 (12052806)	40.20411 (12052806)
40.39580 (12052806)		40.56346 (12052806)		
3746409.5		32.69257 (12052806)	32.94193 (12052806)	33.15091 (12052806)
33.32952 (12052806)		33.48474 (12052806)		
3746359.5		27.80449 (12052806)	28.03519 (12052806)	28.23147 (12052806)
28.40046 (12052806)		28.54756 (12052806)		
3746309.5		24.18018 (12052806)	24.39403 (12052806)	24.57861 (12052806)
24.73903 (12052806)		24.87943 (12052806)		
3746259.5		21.37417 (12052806)	21.57261 (12052806)	21.74610 (12052806)
21.89834 (12052806)		22.03249 (12052806)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)		405703.57	405753.57
405853.57		405903.57	405803.57

3747209.5		16.29933 (12052806)	16.31970 (12052806)	16.34051 (12052806)
16.36115 (12052806)		16.38111 (12052806)		

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***
***      14:33:44

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*** THE      1ST HIGHEST      1-HR AVERAGE CONCENTRATION      VALUES FOR
SOURCE GROUP:  ALL              ***
      INCLUDING SOURCE(S) :      L0000001      , L0000002      ,
      L0000003      , L0000004      , L0000005      ,
, L0000007      , L0000008      , L0000009      , L0000010      ,
, L0000012      , L0000013      ,
, L0000015      , L0000016      , L0000017      , L0000018      ,
, L0000020      , L0000021      ,
, L0000023      , L0000024      , L0000025      , L0000026      ,
, L0000028      , . . .      ,

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Y-COORD				X-COORD (METERS)
(METERS)		405953.57	406003.57	406053.57
406103.57		406153.57		

- - - - -

3747209.5		16.39998 (12052806)	16.41742 (12052806)	16.43313 (12052806)
16.44686 (12052806)		16.45841 (12052806)		
3747159.5		17.86219 (12052806)	17.87993 (12052806)	17.89596 (12052806)
17.90999 (12052806)		17.92176 (12052806)		
3747109.5		19.59082 (12052806)	19.60890 (12052806)	19.62528 (12052806)
19.63962 (12052806)		19.65164 (12052806)		
3747059.5		21.67145 (12052806)	21.68987 (12052806)	21.70663 (12052806)
21.72132 (12052806)		21.73356 (12052806)		
3747009.5		24.23265 (12052806)	24.25138 (12052806)	24.26853 (12052806)
24.28359 (12052806)		24.29606 (12052806)		
3746959.5		27.47785 (12052806)	27.49677 (12052806)	27.51430 (12052806)
27.52975 (12052806)		27.54245 (12052806)		
3746909.5		31.75108 (12052806)	31.76990 (12052806)	31.78778 (12052806)
31.80370 (12052806)		31.81665 (12052806)		
3746859.5		37.68942 (12052806)	37.70755 (12052806)	37.72577 (12052806)
37.74236 (12052806)		37.75570 (12052806)		
3746809.5		46.63632 (12052806)	46.65270 (12052806)	46.67142 (12052806)
46.68918 (12052806)		46.70330 (12052806)		
3746759.5		62.06859 (12052806)	62.08164 (12052806)	62.10170 (12052806)
62.12178 (12052806)		62.13774 (12052806)		
3746709.5		97.10111 (12052806)	97.10853 (12052806)	97.13928 (12052806)
97.17901 (12052806)		97.22124 (12052806)		
3746659.5		72.85796 (13121916)	71.00641 (12052806)	71.18712 (12052806)
71.58630 (12052806)		73.38833 (16112016)		
3746609.5		65.76430 (12052806)	65.78880 (12052806)	65.96033 (16112016)
67.44236 (16112016)		68.97194 (16112016)		
3746559.5		74.25920 (12052806)	74.33046 (12052806)	74.38267 (12052806)
74.42611 (12052806)		74.46567 (12052806)		
3746509.5		52.58471 (12052806)	52.65182 (12052806)	52.70571 (12052806)
52.75140 (12052806)		52.79255 (12052806)		
3746459.5		41.23682 (12052806)	41.30076 (12052806)	41.35479 (12052806)
41.40155 (12052806)		41.44343 (12052806)		
3746409.5		34.09855 (12052806)	34.16045 (12052806)	34.21407 (12052806)
34.26102 (12052806)		34.30286 (12052806)		
3746359.5		29.12883 (12052806)	29.18930 (12052806)	29.24231 (12052806)
29.28900 (12052806)		29.33046 (12052806)		
3746309.5		25.43831 (12052806)	25.49760 (12052806)	25.54990 (12052806)
25.59610 (12052806)		25.63701 (12052806)		
3746259.5		22.57268 (12052806)	22.63084 (12052806)	22.68234 (12052806)
22.72789 (12052806)		22.76817 (12052806)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

PAGE 48
*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD				X-COORD (METERS)
(METERS)		406203.57	406253.57	406303.57
406353.57		406403.57		

3747209.5		16.46759 (12052806)	16.47426 (12052806)	16.47829 (12052806)
16.47958	(12052806)	16.47805 (12052806)		
3747159.5		17.93108 (12052806)	17.93775 (12052806)	17.94165 (12052806)
17.94266	(12052806)	17.94070 (12052806)		
3747109.5		19.66106 (12052806)	19.66768 (12052806)	19.67133 (12052806)
19.67190	(12052806)	19.66931 (12052806)		
3747059.5		21.74305 (12052806)	21.74950 (12052806)	21.75273 (12052806)
21.75261	(12052806)	21.74906 (12052806)		
3747009.5		24.30553 (12052806)	24.31164 (12052806)	24.31414 (12052806)
24.31289	(12052806)	24.30784 (12052806)		
3746959.5		27.55178 (12052806)	27.55725 (12052806)	27.55849 (12052806)
27.55535	(12052806)	27.54785 (12052806)		
3746909.5		31.82569 (12052806)	31.82999 (12052806)	31.82901 (12052806)
31.82255	(12052806)	31.81080 (12052806)		
3746859.5		37.76421 (12052806)	37.76643 (12052806)	37.76128 (12052806)
37.74853	(12052806)	37.72882 (12052806)		
3746809.5		46.71109 (12052806)	46.70946 (12052806)	46.69571 (12052806)
46.66940	(12052806)	46.63272 (12052806)		
3746759.5		62.14508 (12052806)	62.13610 (12052806)	62.10105 (12052806)
62.03805	(12052806)	61.95685 (12052806)		
3746709.5		97.25713 (12052806)	97.26080 (12052806)	97.17487 (12052806)
96.96702	(12052806)	96.71509 (12052806)		
3746659.5		75.79874 (16112016)	78.40939 (16112016)	81.24143 (16112016)
84.28910	(16112016)	87.49800 (16112016)		
3746609.5		94.19041 (12052806)	93.13041 (12052806)	92.41023 (12052806)
91.94089	(12052806)	91.77558 (12052806)		
3746559.5		74.50701 (12052806)	74.56294 (12052806)	74.65448 (12052806)
74.78789	(12052806)	74.94001 (12052806)		
3746509.5		52.83293 (12052806)	52.87746 (12052806)	52.93115 (12052806)
52.99500	(12052806)	53.06499 (12052806)		
3746459.5		41.48272 (12052806)	41.52170 (12052806)	41.56220 (12052806)
41.60468	(12052806)	41.64816 (12052806)		
3746409.5		34.34104 (12052806)	34.37685 (12052806)	34.41121 (12052806)
34.44448	(12052806)	34.47643 (12052806)		
3746359.5		29.36768 (12052806)	29.40148 (12052806)	29.43247 (12052806)
29.46097	(12052806)	29.48699 (12052806)		
3746309.5		25.67337 (12052806)	25.70578 (12052806)	25.73469 (12052806)
25.76038	(12052806)	25.78298 (12052806)		
3746259.5		22.80373 (12052806)	22.83507 (12052806)	22.86256 (12052806)
22.88644	(12052806)	22.90686 (12052806)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD				X-COORD (METERS)
(METERS)		406453.57	406503.57	406553.57
406603.57		406653.57		

3747209.5		16.47364 (12052806)	16.46630 (12052806)	16.45599 (12052806)
16.44268	(12052806)	16.42632 (12052806)		
3747159.5		17.93572 (12052806)	17.92767 (12052806)	17.91654 (12052806)
17.90229	(12052806)	17.88490 (12052806)		
3747109.5		19.66352 (12052806)	19.65450 (12052806)	19.64225 (12052806)
19.62677	(12052806)	19.60806 (12052806)		
3747059.5		21.74207 (12052806)	21.73166 (12052806)	21.71786 (12052806)
21.70069	(12052806)	21.68018 (12052806)		
3747009.5		24.29903 (12052806)	24.28654 (12052806)	24.27046 (12052806)
24.25087	(12052806)	24.22783 (12052806)		
3746959.5		27.53613 (12052806)	27.52039 (12052806)	27.50082 (12052806)
27.47758	(12052806)	27.45078 (12052806)		
3746909.5		31.79415 (12052806)	31.77303 (12052806)	31.74780 (12052806)
31.71873	(12052806)	31.68600 (12052806)		
3746859.5		37.70313 (12052806)	37.67239 (12052806)	37.63723 (12052806)
37.59808	(12052806)	37.55521 (12052806)		
3746809.5		46.58841 (12052806)	46.53836 (12052806)	46.48366 (12052806)
46.42489	(12052806)	46.36240 (12052806)		
3746759.5		61.86574 (12052806)	61.76849 (12052806)	61.66668 (12052806)
61.56098	(12052806)	61.45175 (12052806)		
3746709.5		96.44404 (12052806)	96.16025 (12052806)	95.86710 (12052806)
95.56728	(12052806)	95.26401 (12052806)		
3746659.5		93.07747 (13121916)	89.60778 (13121916)	86.41924 (13121916)
83.45599	(13121916)	80.69664 (13121916)		
3746609.5		91.89038 (12052806)	92.29117 (12052806)	92.98806 (12052806)
93.99123	(12052806)	95.31325 (12052806)		
3746559.5		75.09654 (12052806)	75.25264 (12052806)	75.40665 (12052806)
75.55782	(12052806)	75.70593 (12052806)		
3746509.5		53.13667 (12052806)	53.20745 (12052806)	53.27598 (12052806)
53.34159	(12052806)	53.40385 (12052806)		
3746459.5		41.69114 (12052806)	41.73238 (12052806)	41.77106 (12052806)
41.80663	(12052806)	41.83874 (12052806)		
3746409.5		34.50655 (12052806)	34.53426 (12052806)	34.55909 (12052806)
34.58066	(12052806)	34.59869 (12052806)		
3746359.5		29.51038 (12052806)	29.53087 (12052806)	29.54823 (12052806)
29.56220	(12052806)	29.57257 (12052806)		
3746309.5		25.80245 (12052806)	25.81872 (12052806)	25.83165 (12052806)
25.84110	(12052806)	25.84691 (12052806)		
3746259.5		22.92388 (12052806)	22.93749 (12052806)	22.94763 (12052806)
22.95423	(12052806)	22.95717 (12052806)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23

*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)		
406703.57	406753.57	406803.57
406853.57	406903.57	

3747209.5	16.40686 (12052806)	16.38427 (12052806)	16.35846 (12052806)
16.32937 (12052806)	16.29689 (12052806)		
3747159.5	17.86434 (12052806)	17.84055 (12052806)	17.81350 (12052806)
17.78309 (12052806)	17.74925 (12052806)		
3747109.5	19.58608 (12052806)	19.56082 (12052806)	19.53224 (12052806)
19.50026 (12052806)	19.46480 (12052806)		
3747059.5	21.65634 (12052806)	21.62915 (12052806)	21.59861 (12052806)
21.56465 (12052806)	21.52721 (12052806)		
3747009.5	24.20139 (12052806)	24.17157 (12052806)	24.13837 (12052806)
24.10178 (12052806)	24.06176 (12052806)		
3746959.5	27.42052 (12052806)	27.38687 (12052806)	27.34987 (12052806)
27.30956 (12052806)	27.26595 (12052806)		
3746909.5	31.64977 (12052806)	31.61016 (12052806)	31.56730 (12052806)
31.52130 (12052806)	31.47228 (12052806)		
3746859.5	37.50882 (12052806)	37.45910 (12052806)	37.40628 (12052806)
37.35068 (12052806)	37.29264 (12052806)		
3746809.5	46.29643 (12052806)	46.22724 (12052806)	46.15519 (12052806)
46.08094 (12052806)	46.00549 (12052806)		
3746759.5	61.33926 (12052806)	61.22377 (12052806)	61.10580 (12052806)
60.98652 (12052806)	60.86875 (12052806)		
3746709.5	94.96041 (12052806)	94.65883 (12052806)	94.36185 (12052806)
94.07168 (12052806)	93.79514 (12052806)		
3746659.5	78.12096 (13121916)	75.71289 (13121916)	73.45737 (13121916)
71.34347 (13121916)	70.73065 (12052806)		
3746609.5	67.36391 (12052806)	66.98162 (12052806)	66.73322 (12052806)
66.61758 (12052806)	67.89218 (16112016)		
3746559.5	75.85086 (12052806)	75.99232 (12052806)	76.12983 (12052806)
76.26165 (12052806)	76.38260 (12052806)		
3746509.5	53.46243 (12052806)	53.51692 (12052806)	53.56667 (12052806)
53.61046 (12052806)	53.64613 (12052806)		
3746459.5	41.86704 (12052806)	41.89118 (12052806)	41.91066 (12052806)
41.92476 (12052806)	41.93254 (12052806)		
3746409.5	34.61290 (12052806)	34.62299 (12052806)	34.62861 (12052806)
34.62930 (12052806)	34.62459 (12052806)		
3746359.5	29.57913 (12052806)	29.58165 (12052806)	29.57986 (12052806)
29.57347 (12052806)	29.56217 (12052806)		
3746309.5	25.84894 (12052806)	25.84699 (12052806)	25.84087 (12052806)
25.83037 (12052806)	25.81527 (12052806)		
3746259.5	22.95634 (12052806)	22.95161 (12052806)	22.94282 (12052806)
22.92981 (12052806)	22.91241 (12052806)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 14:33:44

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 406953.57 407003.57 407053.57
407103.57 407153.57

3747209.5 | 16.26092 (12052806) 16.22131 (12052806) 16.17792 (12052806)
16.13056 (12052806) 16.07902 (12052806)
3747159.5 | 17.71184 (12052806) 17.67075 (12052806) 17.62578 (12052806)
17.57676 (12052806) 17.52345 (12052806)
3747109.5 | 19.42575 (12052806) 19.38296 (12052806) 19.33625 (12052806)
19.28541 (12052806) 19.23019 (12052806)
3747059.5 | 21.48617 (12052806) 21.44138 (12052806) 21.39266 (12052806)
21.33976 (12052806) 21.28242 (12052806)
3747009.5 | 24.01819 (12052806) 23.97093 (12052806) 23.91977 (12052806)
23.86443 (12052806) 23.80461 (12052806)
3746959.5 | 27.21895 (12052806) 27.16842 (12052806) 27.11410 (12052806)
27.05568 (12052806) 26.99279 (12052806)
3746909.5 | 31.42024 (12052806) 31.36502 (12052806) 31.30631 (12052806)
31.24367 (12052806) 31.17663 (12052806)
3746859.5 | 37.23237 (12052806) 37.16975 (12052806) 37.10426 (12052806)
37.03520 (12052806) 36.96190 (12052806)
3746809.5 | 45.92978 (12052806) 45.85378 (12052806) 45.77629 (12052806)
45.69590 (12052806) 45.61150 (12052806)
3746759.5 | 60.75681 (12052806) 60.65113 (12052806) 60.54726 (12052806)
60.44157 (12052806) 60.33214 (12052806)
3746709.5 | 93.55889 (12052806) 93.36716 (12052806) 93.18855 (12052806)
93.01077 (12052806) 92.82878 (12052806)
3746659.5 | 70.88591 (12052806) 71.24862 (12052806) 72.57325 (16112016)
74.79022 (16112016) 77.19274 (16112016)
3746609.5 | 69.46967 (16112016) 71.14378 (16112016) 72.87069 (16112016)
74.68051 (16112016) 95.53972 (12052806)
3746559.5 | 76.47991 (12052806) 76.55068 (12052806) 76.60708 (12052806)
76.65524 (12052806) 76.69694 (12052806)
3746509.5 | 53.67101 (12052806) 53.68449 (12052806) 53.68854 (12052806)
53.68507 (12052806) 53.67503 (12052806)
3746459.5 | 41.93312 (12052806) 41.92619 (12052806) 41.91212 (12052806)
41.89143 (12052806) 41.86445 (12052806)
3746409.5 | 34.61405 (12052806) 34.59745 (12052806) 34.57476 (12052806)
34.54606 (12052806) 34.51138 (12052806)
3746359.5 | 29.54570 (12052806) 29.52384 (12052806) 29.49647 (12052806)
29.46349 (12052806) 29.42478 (12052806)
3746309.5 | 25.79535 (12052806) 25.77044 (12052806) 25.74037 (12052806)
25.70498 (12052806) 25.66408 (12052806)
3746259.5 | 22.89044 (12052806) 22.86372 (12052806) 22.83209 (12052806)
22.79535 (12052806) 22.75331 (12052806)

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 14:33:44

*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407203.57 407253.57 407303.57
407353.57 407403.57

3747209.5 | 16.02307 (12052806) 15.96246 (12052806) 15.89690 (12052806)
15.82608 (12052806) 15.74965 (12052806)
3747159.5 | 17.46561 (12052806) 17.40295 (12052806) 17.33517 (12052806)
17.26193 (12052806) 17.18286 (12052806)
3747109.5 | 19.17033 (12052806) 19.10552 (12052806) 19.03542 (12052806)
18.95967 (12052806) 18.87785 (12052806)
3747059.5 | 21.22034 (12052806) 21.15318 (12052806) 21.08059 (12052806)
21.00215 (12052806) 20.91745 (12052806)
3747009.5 | 23.73998 (12052806) 23.67017 (12052806) 23.59477 (12052806)
23.51337 (12052806) 23.42549 (12052806)
3746959.5 | 26.92504 (12052806) 26.85202 (12052806) 26.77329 (12052806)
26.68839 (12052806) 26.59683 (12052806)
3746909.5 | 31.10472 (12052806) 31.02747 (12052806) 30.94439 (12052806)
30.85500 (12052806) 30.75877 (12052806)
3746859.5 | 36.88374 (12052806) 36.80017 (12052806) 36.71068 (12052806)
36.61474 (12052806) 36.51179 (12052806)
3746809.5 | 45.52228 (12052806) 45.42759 (12052806) 45.32688 (12052806)
45.21959 (12052806) 45.10515 (12052806)
3746759.5 | 60.21789 (12052806) 60.09814 (12052806) 59.97228 (12052806)
59.83972 (12052806) 59.69992 (12052806)
3746709.5 | 92.63905 (12052806) 92.43972 (12052806) 92.22920 (12052806)
92.00620 (12052806) 91.77103 (12052806)
3746659.5 | 79.79719 (16112016) 82.62169 (16112016) 105.77614 (12052806)
89.07966 (13121916) 85.73248 (13121916)
3746609.5 | 94.63167 (12052806) 94.04380 (12052806) 93.78027 (12052806)
93.84554 (12052806) 94.24743 (12052806)
3746559.5 | 76.73257 (12052806) 76.76175 (12052806) 76.78383 (12052806)
76.79845 (12052806) 76.80501 (12052806)
3746509.5 | 53.65872 (12052806) 53.63601 (12052806) 53.60657 (12052806)
53.56997 (12052806) 53.52564 (12052806)
3746459.5 | 41.83124 (12052806) 41.79164 (12052806) 41.74532 (12052806)
41.69184 (12052806) 41.63064 (12052806)
3746409.5 | 34.47061 (12052806) 34.42354 (12052806) 34.36984 (12052806)
34.30906 (12052806) 34.24064 (12052806)
3746359.5 | 29.38017 (12052806) 29.32940 (12052806) 29.27211 (12052806)
29.20788 (12052806) 29.13616 (12052806)
3746309.5 | 25.61746 (12052806) 25.56483 (12052806) 25.50585 (12052806)
25.44008 (12052806) 25.36703 (12052806)
3746259.5 | 22.70572 (12052806) 22.65230 (12052806) 22.59269 (12052806)
22.52651 (12052806) 22.45326 (12052806)

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23

*** AERMET - VERSION 16216 ***

14:33:44

*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD			X-COORD (METERS)
(METERS)	407453.57	407503.57	407553.57
407603.57	407653.57		

3747209.5	15.66723 (12052806)	15.57839 (12052806)	15.48266 (12052806)
15.37951 (12052806)	15.26835 (12052806)		
3747159.5	17.09752 (12052806)	17.00546 (12052806)	16.90616 (12052806)
16.79905 (12052806)	16.68346 (12052806)		
3747109.5	18.78952 (12052806)	18.69417 (12052806)	18.59125 (12052806)
18.48012 (12052806)	18.36008 (12052806)		
3747059.5	20.82598 (12052806)	20.72722 (12052806)	20.62056 (12052806)
20.50533 (12052806)	20.38078 (12052806)		
3747009.5	23.33062 (12052806)	23.22820 (12052806)	23.11758 (12052806)
22.99807 (12052806)	22.86887 (12052806)		
3746959.5	26.49807 (12052806)	26.39150 (12052806)	26.27647 (12052806)
26.15226 (12052806)	26.01807 (12052806)		
3746909.5	30.65513 (12052806)	30.54346 (12052806)	30.42308 (12052806)
30.29329 (12052806)	30.15329 (12052806)		
3746859.5	36.40124 (12052806)	36.28246 (12052806)	36.15474 (12052806)
36.01739 (12052806)	35.86971 (12052806)		
3746809.5	44.98295 (12052806)	44.85231 (12052806)	44.71253 (12052806)
44.56290 (12052806)	44.40282 (12052806)		
3746759.5	59.55226 (12052806)	59.39601 (12052806)	59.23040 (12052806)
59.05471 (12052806)	58.86839 (12052806)		
3746709.5	91.52438 (12052806)	91.26658 (12052806)	90.99865 (12052806)
90.72174 (12052806)	90.43671 (12052806)		
3746659.5	82.58997 (13121916)	79.63000 (13121916)	76.83125 (13121916)
74.17510 (13121916)	71.64490 (13121916)		
3746609.5	94.99416 (12052806)	68.30688 (12052806)	67.50825 (12052806)
66.85579 (12052806)	66.34347 (12052806)		
3746559.5	76.80276 (12052806)	76.79111 (12052806)	76.76903 (12052806)
76.73512 (12052806)	76.68795 (12052806)		
3746509.5	53.47286 (12052806)	53.41076 (12052806)	53.33823 (12052806)
53.25383 (12052806)	53.15566 (12052806)		
3746459.5	41.56101 (12052806)	41.48210 (12052806)	41.39283 (12052806)
41.29185 (12052806)	41.17740 (12052806)		
3746409.5	34.16392 (12052806)	34.07806 (12052806)	33.98207 (12052806)
33.87469 (12052806)	33.75439 (12052806)		
3746359.5	29.05632 (12052806)	28.96757 (12052806)	28.86900 (12052806)
28.75947 (12052806)	28.63765 (12052806)		
3746309.5	25.28608 (12052806)	25.19651 (12052806)	25.09748 (12052806)
24.98799 (12052806)	24.86685 (12052806)		
3746259.5	22.37237 (12052806)	22.28320 (12052806)	22.18496 (12052806)
22.07677 (12052806)	21.95760 (12052806)		

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)	407703.57	407753.57	407803.57
407853.57	407903.57		

3747209.5	15.14852 (12052806)	15.01928 (12052806)	14.87980 (12052806)
14.72912 (12052806)	14.56621 (12052806)		
3747159.5	16.55865 (12052806)	16.42379 (12052806)	16.27792 (12052806)
16.11993 (12052806)	15.94857 (12052806)		
3747109.5	18.23029 (12052806)	18.08984 (12052806)	17.93762 (12052806)
17.77237 (12052806)	17.59261 (12052806)		
3747059.5	20.24601 (12052806)	20.10001 (12052806)	19.94156 (12052806)
19.76922 (12052806)	19.58128 (12052806)		
3747009.5	22.72906 (12052806)	22.57755 (12052806)	22.41303 (12052806)
22.23391 (12052806)	22.03822 (12052806)		
3746959.5	25.87297 (12052806)	25.71589 (12052806)	25.54549 (12052806)
25.36005 (12052806)	25.15735 (12052806)		
3746909.5	30.00226 (12052806)	29.83923 (12052806)	29.66300 (12052806)
29.47186 (12052806)	29.26337 (12052806)		
3746859.5	35.71103 (12052806)	35.54078 (12052806)	35.35828 (12052806)
35.16225 (12052806)	34.95007 (12052806)		
3746809.5	44.23196 (12052806)	44.05058 (12052806)	43.85960 (12052806)
43.65956 (12052806)	43.44800 (12052806)		
3746759.5	58.67146 (12052806)	58.46563 (12052806)	58.25643 (12052806)
58.05298 (12052806)	57.85454 (12052806)		
3746709.5	90.14473 (12052806)	89.84962 (12052806)	89.56688 (12052806)
89.36063 (12052806)	89.24873 (12052806)		
3746659.5	69.22632 (13121916)	68.88258 (12052806)	68.76669 (12052806)
68.83164 (12052806)	69.64096 (16112016)		
3746609.5	67.44033 (16112016)	68.86777 (16112016)	70.38160 (16112016)
71.99065 (16112016)	73.70023 (16112016)		
3746559.5	76.62469 (12052806)	76.53905 (12052806)	76.41461 (12052806)
76.21063 (12052806)	75.91403 (12052806)		
3746509.5	53.04086 (12052806)	52.90470 (12052806)	52.73930 (12052806)
52.53465 (12052806)	52.28624 (12052806)		
3746459.5	41.04708 (12052806)	40.89763 (12052806)	40.72476 (12052806)
40.52401 (12052806)	40.29212 (12052806)		
3746409.5	33.61919 (12052806)	33.46670 (12052806)	33.29407 (12052806)
33.09835 (12052806)	32.87675 (12052806)		
3746359.5	28.50190 (12052806)	28.35032 (12052806)	28.18073 (12052806)
27.99082 (12052806)	27.77811 (12052806)		

3746309.5 | 24.73269 (12052806) 24.58393 (12052806) 24.41878 (12052806)
24.23527 (12052806) 24.03126 (12052806)
3746259.5 | 21.82625 (12052806) 21.68138 (12052806) 21.52147 (12052806)
21.34484 (12052806) 21.14962 (12052806)
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

PAGE 55
*** 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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF CO IN **
MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 407953.57 408003.57 408053.57
408103.57 408153.57

3747209.5 | 14.38991 (12052806) 14.19894 (12052806) 13.99192 (12052806)
13.76738 (12052806) 13.52379 (12052806)
3747159.5 | 15.76244 (12052806) 15.55995 (12052806) 15.33935 (12052806)
15.09872 (12052806) 14.83600 (12052806)
3747109.5 | 17.39665 (12052806) 17.18254 (12052806) 16.94806 (12052806)
16.69075 (12052806) 16.40789 (12052806)
3747059.5 | 19.37570 (12052806) 19.15012 (12052806) 18.90177 (12052806)
18.62754 (12052806) 18.32385 (12052806)
3747009.5 | 21.82355 (12052806) 21.58704 (12052806) 21.32530 (12052806)
21.03439 (12052806) 20.70973 (12052806)
3746959.5 | 24.93456 (12052806) 24.68824 (12052806) 24.41424 (12052806)
24.10768 (12052806) 23.76277 (12052806)
3746909.5 | 29.03418 (12052806) 28.78008 (12052806) 28.49602 (12052806)
28.17604 (12052806) 27.81297 (12052806)
3746859.5 | 34.71758 (12052806) 34.45945 (12052806) 34.16942 (12052806)
33.84028 (12052806) 33.46340 (12052806)
3746809.5 | 43.21880 (12052806) 42.96426 (12052806) 42.67638 (12052806)
42.34655 (12052806) 41.96468 (12052806)
3746759.5 | 57.64671 (12052806) 57.41534 (12052806) 57.14959 (12052806)
56.83950 (12052806) 56.47377 (12052806)
3746709.5 | 89.15355 (12052806) 89.03891 (12052806) 88.88876 (12052806)
88.69086 (12052806) 88.43173 (12052806)
3746659.5 | 71.78172 (16112016) 74.15925 (16112016) 76.76455 (16112016)
79.60987 (16112016) 82.71598 (16112016)
3746609.5 | 75.37996 (16112016) 77.09446 (16112016) 93.24408 (12052806)
91.86741 (12052806) 90.79356 (12052806)
3746559.5 | 75.55880 (12052806) 75.16043 (12052806) 74.71895 (12052806)
74.22819 (12052806) 73.67808 (12052806)
3746509.5 | 51.99680 (12052806) 51.66817 (12052806) 51.29812 (12052806)
50.88079 (12052806) 50.40710 (12052806)
3746459.5 | 40.02726 (12052806) 39.72740 (12052806) 39.38894 (12052806)
39.00617 (12052806) 38.57099 (12052806)

3746409.5		32.62665 (12052806)	32.34507 (12052806)	32.02810 (12052806)
31.67044 (12052806)		31.26508 (12052806)		
3746359.5		27.54000 (12052806)	27.27347 (12052806)	26.97480 (12052806)
26.63934 (12052806)		26.26119 (12052806)		
3746309.5		23.80435 (12052806)	23.55178 (12052806)	23.27028 (12052806)
22.95587 (12052806)		22.60376 (12052806)		
3746259.5		20.93371 (12052806)	20.69469 (12052806)	20.42979 (12052806)
20.13573 (12052806)		19.80870 (12052806)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 07/06/23

*** AERMET - VERSION 16216 ***

14:33:44

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD			X-COORD (METERS)
(METERS)		408203.57	408253.57
408353.57		408403.57	408303.57

3747209.5		13.25964 (12052806)	12.97344 (12052806)	12.66392 (12052806)
12.33011 (12052806)		11.97152 (12052806)		
3747159.5		14.54906 (12052806)	14.23574 (12052806)	13.89401 (12052806)
13.52210 (12052806)		13.11883 (12052806)		
3747109.5		16.09653 (12052806)	15.75357 (12052806)	15.37588 (12052806)
14.96052 (12052806)		14.50506 (12052806)		
3747059.5		17.98672 (12052806)	17.61178 (12052806)	17.19436 (12052806)
16.72971 (12052806)		16.21343 (12052806)		
3747009.5		20.34604 (12052806)	19.93727 (12052806)	19.47662 (12052806)
18.95671 (12052806)		18.36994 (12052806)		
3746959.5		23.37266 (12052806)	22.92919 (12052806)	22.42273 (12052806)
21.84209 (12052806)		21.17475 (12052806)		
3746909.5		27.39814 (12052806)	26.92083 (12052806)	26.36781 (12052806)
25.72271 (12052806)		24.96570 (12052806)		
3746859.5		33.02812 (12052806)	32.52084 (12052806)	31.92402 (12052806)
31.21467 (12052806)		30.36272 (12052806)		
3746809.5		41.51814 (12052806)	40.99036 (12052806)	40.35911 (12052806)
39.59369 (12052806)		38.65099 (12052806)		
3746759.5		56.03803 (12052806)	55.51306 (12052806)	54.87215 (12052806)
54.07673 (12052806)		53.06937 (12052806)		
3746709.5		88.09438 (12052806)	87.65700 (12052806)	87.08977 (12052806)
86.34775 (12052806)		85.36236 (12052806)		
3746659.5		101.69320 (12052806)	78.09426 (13121916)	73.38700 (13121916)
68.46326 (13121916)		65.32574 (12052806)		
3746609.5		89.99451 (12052806)	89.97969 (16112016)	91.92770 (16112016)
94.00172 (16112016)		62.88793 (16112016)		
3746559.5		73.05411 (12052806)	72.33618 (12052806)	71.49577 (12052806)
70.49086 (12052806)		69.25669 (12052806)		

3746509.5 | 49.86425 (12052806) 49.23460 (12052806) 48.49358 (12052806)
47.60619 (12052806) 46.52130 (12052806)
3746459.5 | 38.07239 (12052806) 37.49558 (12052806) 36.82067 (12052806)
36.02061 (12052806) 35.05834 (12052806)
3746409.5 | 30.80285 (12052806) 30.27188 (12052806) 29.65684 (12052806)
28.93800 (12052806) 28.09023 (12052806)
3746359.5 | 25.83295 (12052806) 25.34544 (12052806) 24.78733 (12052806)
24.14488 (12052806) 23.40191 (12052806)
3746309.5 | 22.20815 (12052806) 21.76214 (12052806) 21.25764 (12052806)
20.68544 (12052806) 20.03557 (12052806)
3746259.5 | 19.44426 (12052806) 19.03737 (12052806) 18.58242 (12052806)
18.07343 (12052806) 17.50451 (12052806)

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 408453.57 408503.57 408553.57
408603.57 408653.57

3747209.5 | 11.58841 (12052806) 11.18195 (12052806) 10.75444 (12052806)
10.30941 (12052806) 9.85156 (12052806)
3747159.5 | 12.68385 (12052806) 12.21808 (12052806) 11.72404 (12052806)
11.20607 (12052806) 10.67042 (12052806)
3747109.5 | 14.00810 (12052806) 13.46981 (12052806) 12.89266 (12052806)
12.28195 (12052806) 11.64602 (12052806)
3747059.5 | 15.64210 (12052806) 15.01428 (12052806) 14.33171 (12052806)
13.60053 (12052806) 12.83201 (12052806)
3747009.5 | 17.70937 (12052806) 16.97015 (12052806) 16.15168 (12052806)
15.26019 (12052806) 14.31082 (12052806)
3746959.5 | 20.40768 (12052806) 19.52927 (12052806) 18.53284 (12052806)
17.42200 (12052806) 16.21636 (12052806)
3746909.5 | 24.07364 (12052806) 23.02195 (12052806) 21.78960 (12052806)
20.36937 (12052806) 18.78279 (12052806)
3746859.5 | 29.32926 (12052806) 28.06615 (12052806) 26.52035 (12052806)
24.65022 (12052806) 22.46228 (12052806)
3746809.5 | 37.46962 (12052806) 35.96229 (12052806) 34.00975 (12052806)
31.47207 (12052806) 28.81440 (12020617)
3746759.5 | 51.76117 (12052806) 50.00880 (12052806) 47.57428 (12052806)
44.06860 (12052806) 41.22655 (12020617)
3746709.5 | 84.02074 (12052806) 82.12065 (12052806) 79.26593 (12052806)
74.58773 (12052806) 72.09790 (12020617)
3746659.5 | 62.82052 (12052806) 60.94775 (16112016) 62.17858 (16112016)
63.22649 (16112016) 63.15716 (16112016)

3746609.5 | 63.78292 (16112016) 64.69127 (16112016) 65.55264 (16112016)
66.19023 (16112016) 65.89233 (16112016)
3746559.5 | 67.68882 (12052806) 65.60821 (12052806) 62.68646 (12052806)
58.28366 (12052806) 53.19186 (13041207)
3746509.5 | 45.16220 (12052806) 43.41135 (12052806) 41.08870 (12052806)
37.93780 (12052806) 33.82971 (13041207)
3746459.5 | 33.88307 (12052806) 32.42663 (12052806) 30.60389 (12052806)
28.32964 (12052806) 25.57608 (12052806)
3746409.5 | 27.08238 (12052806) 25.87824 (12052806) 24.44183 (12052806)
22.75140 (12052806) 20.82488 (12052806)
3746359.5 | 22.54042 (12052806) 21.54258 (12052806) 20.39527 (12052806)
19.09795 (12052806) 17.67264 (12052806)
3746309.5 | 19.29818 (12052806) 18.46530 (12052806) 17.53377 (12052806)
16.50914 (12052806) 15.40947 (12052806)
3746259.5 | 16.87064 (12052806) 16.16889 (12052806) 15.40012 (12052806)
14.57091 (12052806) 13.69484 (12052806)
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 408703.57 408753.57 408803.57
408853.57 408903.57
- - - - -
- - - - -

3747209.5 | 9.38656 (12052806) 8.92066 (12052806) 8.46012 (12052806)
8.01074 (12052806) 7.71889 (12020617)
3747159.5 | 10.12487 (12052806) 9.57816 (12052806) 9.03910 (12052806)
8.61832 (12020617) 8.45552 (12020617)
3747109.5 | 10.99589 (12052806) 10.34421 (12052806) 9.70378 (12052806)
9.56451 (12020617) 9.27561 (12020617)
3747059.5 | 12.04222 (12052806) 11.25026 (12052806) 10.91842 (12020617)
10.67057 (12020617) 10.15524 (12020617)
3747009.5 | 13.32785 (12052806) 12.60915 (12020617) 12.42084 (12020617)
11.94025 (12020617) 11.02565 (12020617)
3746959.5 | 14.95399 (12052806) 14.67253 (12020617) 14.27680 (12020617)
13.32867 (12020617) 11.73684 (12020617)
3746909.5 | 17.69549 (12020617) 17.42497 (12020617) 16.53926 (12020617)
14.66882 (12020617) 12.34667 (12101617)
3746859.5 | 21.86840 (12020617) 21.20372 (12020617) 19.12300 (12020617)
15.53426 (12020617) 14.93389 (12101617)
3746809.5 | 28.39475 (12020617) 26.46035 (12020617) 21.47706 (12020617)
19.15631 (12101617) 18.08533 (12101617)
3746759.5 | 40.01279 (12020617) 33.26946 (12020617) 26.67933 (12101617)
23.89488 (12101617) 20.71686 (12101617)

3746709.5		65.17404 (12020617)	44.25772 (12101617)	34.23165 (12101617)
26.15712 (12101617)		20.28938 (12101617)		
3746659.5		65.27557 (16112016)	67.53411 (16112016)	43.72173 (16112016)
32.17922 (16112016)		25.31580 (16112016)		
3746609.5		67.35367 (16112016)	68.86604 (16112016)	48.86813 (16112016)
37.29045 (16112016)		29.81880 (16112016)		
3746559.5		42.82000 (13041207)	40.23923 (13090518)	36.27297 (13090518)
31.64993 (13090518)		27.41501 (13090518)		
3746509.5		29.35775 (13041207)	25.63867 (13090518)	25.14487 (13090518)
24.19417 (13090518)		22.77037 (13090518)		
3746459.5		22.47506 (12052806)	19.35194 (12052806)	18.36168 (13090518)
18.17047 (13090518)		17.83726 (13090518)		
3746409.5		18.74595 (12052806)	16.65813 (12052806)	14.70942 (12052806)
14.15521 (13090518)		14.06785 (13090518)		
3746359.5		16.17008 (12052806)	14.66322 (12052806)	13.22656 (12052806)
11.91432 (12052806)		11.38052 (13090518)		
3746309.5		14.26639 (12052806)	13.12092 (12052806)	12.01472 (12052806)
10.98092 (12052806)		10.03923 (12052806)		
3746259.5		12.79238 (12052806)	11.88844 (12052806)	11.00821 (12052806)
10.17287 (12052806)		9.39687 (12052806)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)		404203.57 404253.57 404303.57	
404353.57		404403.57	

3747209.5		9.98533c(14012008)	11.02739c(14012008)	12.13973c(14012008)
13.24051c(14012008)		14.21876c(14012008)		
3747159.5		10.97729c(14012008)	12.40115c(14012008)	14.00877c(14012008)
15.65640c(14012008)		17.09277c(14012008)		
3747109.5		12.10173c(14012008)	14.11031c(14012008)	16.61151c(14012008)
19.39372c(14012008)		21.78180c(14012008)		
3747059.5		13.29227c(14012008)	16.15537c(14012008)	20.35839c(14012008)
26.07406c(14012008)		31.10901c(14012008)		
3747009.5		14.37078c(14012008)	18.25527c(14012008)	25.39605c(14012008)
41.17743c(14012008)		32.81063c(14012008)		
3746959.5		15.06160c(14012008)	19.61736c(14012008)	29.19142c(14012008)
28.61194c(14012008)		26.77505c(14012008)		
3746909.5		15.17285c(14012008)	19.56247c(14012008)	27.85412c(14012008)
47.08170c(14012008)		30.93481c(14012008)		
3746859.5		14.76608c(14012008)	18.44819c(14012008)	24.29285c(14012008)
33.77601c(14012008)		48.11593c(14012008)		

3746809.5		14.05574c(14012008)	16.98346c(14012008)	21.08215c(14012008)
26.74968c(14012008)		34.25176c(14012008)		
3746759.5		13.22963c(14012008)	15.54317c(14012008)	18.53137c(14012008)
22.32850c(14012008)		27.01925c(14012008)		
3746709.5		12.39547c(14012008)	14.24417c(14012008)	16.50897c(14012008)
19.24337c(14012008)		22.48066c(14012008)		
3746659.5		11.60252c(14012008)	13.10293c(14012008)	14.87507c(14012008)
16.94272c(14012008)		19.32017c(14012008)		
3746609.5		10.86896c(14012008)	12.10557c(14012008)	13.52783c(14012008)
15.14687c(14012008)		16.96869c(14012008)		
3746559.5		10.19842c(14012008)	11.23186c(14012008)	12.39667c(14012008)
13.69801c(14012008)		15.13790c(14012008)		
3746509.5		9.58830c(14012008)	10.46252c(14012008)	11.43229c(14012008)
12.49977c(14012008)		13.66496c(14012008)		
3746459.5		9.03369c(14012008)	9.78109c(14012008)	10.59954c(14012008)
11.48960c(14012008)		12.45029c(14012008)		
3746409.5		8.52904c(14012008)	9.17397c(14012008)	9.87268c(14012008)
10.62489c(14012008)		11.42915c(14012008)		
3746359.5		8.06900c(14012008)	8.63006c(14012008)	9.23244c(14012008)
9.87542c(14012008)		10.55740c(14012008)		
3746309.5		7.64863c(14012008)	8.14028c(14012008)	8.66407c(14012008)
9.21909c(14012008)		9.80372c(14012008)		
3746259.5		7.26353c(14012008)	7.69716c(14012008)	8.15607c(14012008)
8.63926c(14012008)		9.14521c(14012008)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)		404453.57 404503.57	404553.57
404603.57		404653.57	

3747209.5		14.97980c(14012008)	15.48778c(14012008)	15.76588c(14012008)
15.86666c(14012008)		15.84529c(14012008)		
3747159.5		18.09726c(14012008)	18.62487c(14012008)	18.77441c(14012008)
18.67775c(14012008)		18.44125c(14012008)		
3747109.5		23.12345c(14012008)	23.45819c(14012008)	23.18376c(14012008)
22.62134c(14012008)		21.95454c(14012008)		
3747059.5		32.55031c(14012008)	31.67797c(14012008)	30.09975c(14012008)
28.44096c(14012008)		26.90489c(14012008)		
3747009.5		55.04168c(14012008)	47.73795c(14012008)	42.02984c(14012008)
37.67125c(14012008)		34.29436c(14012008)		
3746959.5		66.55884c(14012008)	60.03468c(14012008)	66.61649c(14012008)
54.31284c(14012008)		46.45009c(14012008)		

3746909.5		43.62853c(14012008)	51.68895c(14012008)	78.42709c(14012008)
65.82886c(14012008)		70.79193c(14012008)		
3746859.5		68.85718c(14012008)	69.75084c(14012008)	52.22754c(14012008)
55.92340c(14012008)		56.35762c(14012008)		
3746809.5		43.86875c(14012008)	56.59428c(14012008)	75.38789c(14012008)
72.62185c(14012008)		55.92584c(14012008)		
3746759.5		32.68902c(14012008)	39.57641c(14012008)	48.27778c(14012008)
60.09052c(14012008)		77.98238c(14012008)		
3746709.5		26.25307c(14012008)	30.63666c(14012008)	35.80457c(14012008)
42.08422c(14012008)		50.03800c(14012008)		
3746659.5		22.02008c(14012008)	25.06903c(14012008)	28.52421c(14012008)
32.48652c(14012008)		37.11032c(14012008)		
3746609.5		18.99751c(14012008)	21.24173c(14012008)	23.71983c(14012008)
26.46401c(14012008)		29.52109c(14012008)		
3746559.5		16.71666c(14012008)	18.43542c(14012008)	20.29829c(14012008)
22.31359c(14012008)		24.49339c(14012008)		
3746509.5		14.92641c(14012008)	16.28227c(14012008)	17.73121c(14012008)
19.27275c(14012008)		20.90690c(14012008)		
3746459.5		13.47941c(14012008)	14.57401c(14012008)	15.73080c(14012008)
16.94626c(14012008)		18.21640c(14012008)		
3746409.5		12.28306c(14012008)	13.18340c(14012008)	14.12640c(14012008)
15.10775c(14012008)		16.12247c(14012008)		
3746359.5		11.27599c(14012008)	12.02812c(14012008)	12.81012c(14012008)
13.61777c(14012008)		14.44627c(14012008)		
3746309.5		10.41575c(14012008)	11.05236c(14012008)	11.71024c(14012008)
12.38559c(14012008)		13.07413c(14012008)		
3746259.5		9.67191c(14012008)	10.21686c(14012008)	10.77717c(14012008)
11.34952c(14012008)		11.93027c(14012008)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)		404703.57 404753.57 404803.57	
404853.57		404903.57	

3747209.5		15.74737c(14012008)	15.60657c(14012008)	15.44627c(14012008)
15.28203c(14012008)		15.12382c(14012008)		
3747159.5		18.13685c(14012008)	17.80958c(14012008)	17.48640c(14012008)
17.18272c(14012008)		16.90668c(14012008)		
3747109.5		21.27811c(14012008)	20.63864c(14012008)	20.05725c(14012008)
19.54168c(14012008)		19.09256c(14012008)		
3747059.5		25.54873c(14012008)	24.37829c(14012008)	23.38092c(14012008)
22.53811c(14012008)		21.83066c(14012008)		

3747009.5		31.63875c(14012008)	29.52698c(14012008)	27.83354c(14012008)
26.46747c(14012008)		25.36180c(14012008)		
3746959.5		41.01462c(14012008)	37.07504c(14012008)	34.12492c(14012008)
31.86483c(14012008)		30.10843c(14012008)		
3746909.5		57.61504c(14012008)	49.39185c(14012008)	43.81669c(14012008)
39.83283c(14012008)		36.89939c(14012008)		
3746859.5		69.11593c(14012008)	74.25128c(14012008)	61.28935c(14012008)
53.12618c(14012008)		47.64773c(14012008)		
3746809.5		57.98075c(14012008)	57.47339c(14012008)	74.26877c(14012008)
81.44688c(14012008)		68.15074c(14012008)		
3746759.5		72.84030c(14012008)	58.04002c(14012008)	59.64059c(14012008)
59.33076c(14012008)		57.49022c(14012008)		
3746709.5		60.62444c(14012008)	75.73320c(14012008)	69.83814c(14012008)
57.85496c(14012008)		60.09860c(14012008)		
3746659.5		42.61906c(14012008)	49.35027c(14012008)	57.81325c(14012008)
68.66441c(14012008)		82.76512c(14012008)		
3746609.5		32.95222c(14012008)	36.83175c(14012008)	41.23619c(14012008)
46.21659c(14012008)		51.78070c(14012008)		
3746559.5		26.85169c(14012008)	29.40080c(14012008)	32.14485c(14012008)
35.07223c(14012008)		38.15503c(14012008)		
3746509.5		22.63287c(14012008)	24.44701c(14012008)	26.34032c(14012008)
28.29658c(14012008)		30.29347c(14012008)		
3746459.5		19.53608c(14012008)	20.89810c(14012008)	22.29232c(14012008)
23.70522c(14012008)		25.12057c(14012008)		
3746409.5		17.16466c(14012008)	18.22709c(14012008)	19.30091c(14012008)
20.37565c(14012008)		21.43944c(14012008)		
3746359.5		15.29011c(14012008)	16.14296c(14012008)	16.99760c(14012008)
17.84594c(14012008)		18.67924c(14012008)		
3746309.5		13.77111c(14012008)	14.47122c(14012008)	15.16866c(14012008)
15.85720c(14012008)		16.53028c(14012008)		
3746259.5		12.51540c(14012008)	13.10056c(14012008)	13.68111c(14012008)
14.25220c(14012008)		14.80886c(14012008)		

PR *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)		404953.57	405003.57
405103.57		405153.57	405053.57

3747209.5		14.97772c(14012008)	14.84713c(14012008)	14.73366c(14012008)
14.63774c(14012008)		14.55896c(14012008)		
3747159.5		16.66196c(14012008)	16.44948c(14012008)	16.26850c(14012008)
16.11738c(14012008)		15.99394c(14012008)		

3747109.5 | 18.70692c(14012008) 18.38007c(14012008) 18.10661c(14012008)
17.88114c(14012008) 17.69843c(14012008)
3747059.5 | 21.24051c(14012008) 20.75143c(14012008) 20.34927c(14012008)
20.02196c(14012008) 19.75931c(14012008)
3747009.5 | 24.46580c(14012008) 23.73998c(14012008) 23.15354c(14012008)
22.68269c(14012008) 22.30899c(14012008)
3746959.5 | 28.73068c(14012008) 27.64247c(14012008) 26.77965c(14012008)
26.09679c(14012008) 25.56149c(14012008)
3746909.5 | 34.69446c(14012008) 33.00691c(14012008) 31.69759c(14012008)
30.67761c(14012008) 29.88956c(14012008)
3746859.5 | 43.80032c(14012008) 40.98719c(14012008) 38.86401c(14012008)
37.24152c(14012008) 36.01209c(14012008)
3746809.5 | 60.02757c(14012008) 54.56213c(14012008) 50.61103c(14012008)
47.68327c(14012008) 45.53893c(14012008)
3746759.5 | 74.61206c(14012008) 84.91013c(14012008) 74.73134c(14012008)
67.77252c(14012008) 63.08815c(14012008)
3746709.5 | 60.95912c(14012008) 60.67114c(14012008) 59.77909c(14012008)
58.53243c(14012008) 79.28662c(14012008)
3746659.5 | 71.88018c(14012008) 56.76637c(14012008) 58.85104c(14012008)
60.39634c(14012008) 61.57216c(14012008)
3746609.5 | 57.92889c(14012008) 64.80381c(14012008) 72.71966c(14012008)
81.44035c(14012008) 90.56936c(14012008)
3746559.5 | 41.36343c(14012008) 44.68449c(14012008) 48.09632c(14012008)
51.49565c(14012008) 54.71691c(14012008)
3746509.5 | 32.30662c(14012008) 34.31171c(14012008) 36.27669c(14012008)
38.15051c(14012008) 39.86545c(14012008)
3746459.5 | 26.52055c(14012008) 27.88600c(14012008) 29.19457c(14012008)
30.41888c(14012008) 31.52827c(14012008)
3746409.5 | 22.47951c(14012008) 23.48228c(14012008) 24.43316c(14012008)
25.31651c(14012008) 26.11694c(14012008)
3746359.5 | 19.48829c(14012008) 20.26360c(14012008) 20.99555c(14012008)
21.67472c(14012008) 22.29264c(14012008)
3746309.5 | 17.18118c(14012008) 17.80319c(14012008) 18.38982c(14012008)
18.93507c(14012008) 19.43392c(14012008)
3746259.5 | 15.34609c(14012008) 15.85906c(14012008) 16.34325c(14012008)
16.79466c(14012008) 17.21009c(14012008)

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 405203.57 405253.57 405303.57
405353.57 405403.57

3747209.5		14.49643c(14012008)	14.44885c(14012008)	14.41472c(14012008)
14.39239c(14012008)		14.38015c(14012008)		
3747159.5		15.89568c(14012008)	15.81997c(14012008)	15.76406c(14012008)
15.72519c(14012008)		15.70066c(14012008)		
3747109.5		17.55353c(14012008)	17.44170c(14012008)	17.35837c(14012008)
17.29914c(14012008)		17.25985c(14012008)		
3747059.5		19.55248c(14012008)	19.39356c(14012008)	19.27527c(14012008)
19.19076c(14012008)		19.13372c(14012008)		
3747009.5		22.01756c(14012008)	21.79565c(14012008)	21.63180c(14012008)
21.51542c(14012008)		21.43684c(14012008)		
3746959.5		25.14918c(14012008)	24.83946c(14012008)	24.61411c(14012008)
24.45644c(14012008)		24.35133c(14012008)		
3746909.5		29.29235c(14012008)	28.85232c(14012008)	28.53934c(14012008)
28.32583c(14012008)		28.18713c(14012008)		
3746859.5		35.10158c(14012008)	34.44929c(14012008)	34.00061c(14012008)
33.70612c(14012008)		33.52269c(14012008)		
3746809.5		44.00738c(14012008)	42.95598c(14012008)	42.26722c(14012008)
41.83991c(14012008)		41.59113c(14012008)		
3746759.5		59.94185c(14012008)	57.93285c(14012008)	56.70632c(14012008)
55.99987c(14012008)		55.63658c(14012008)		
3746709.5		74.62839c(14012008)	93.99742c(14012008)	90.79914c(14012008)
89.03656c(14012008)		88.42630c(14012008)		
3746659.5		62.43522c(14012008)	63.14162c(14012008)	63.84605c(14012008)
64.75318c(14012008)		65.86735c(14012008)		
3746609.5		99.19664c(14012008)	77.69883c(14012008)	78.77980c(14012008)
78.72390c(14012008)		78.71581c(14012008)		
3746559.5		57.53607c(14012008)	59.75032c(14012008)	61.34842c(14012008)
62.40932c(14012008)		63.03952c(14012008)		
3746509.5		41.34967c(14012008)	42.55309c(14012008)	43.47240c(14012008)
44.14046c(14012008)		44.61211c(14012008)		
3746459.5		32.49478c(14012008)	33.30158c(14012008)	33.94900c(14012008)
34.45303c(14012008)		34.84004c(14012008)		
3746409.5		26.82189c(14012008)	27.42473c(14012008)	27.92664c(14012008)
28.33624c(14012008)		28.66733c(14012008)		
3746359.5		22.84299c(14012008)	23.32288c(14012008)	23.73346c(14012008)
24.07974c(14012008)		24.36955c(14012008)		
3746309.5		19.88287c(14012008)	20.28051c(14012008)	20.62777c(14012008)
20.92773c(14012008)		21.18512c(14012008)		
3746259.5		17.58745c(14012008)	17.92596c(14012008)	18.22629c(14012008)
18.49043c(14012008)		18.72137c(14012008)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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	,
.	.	.	.

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)		405453.57	405503.57
			405553.57

405603.57

405653.57

3747209.5	14.37630c(14012008)	14.37924c(14012008)	14.38749c(14012008)
14.39973c(14012008)	14.41480c(14012008)		
3747159.5	15.68788c(14012008)	15.68449c(14012008)	15.68835c(14012008)
15.69765c(14012008)	15.71082c(14012008)		
3747109.5	17.23665c(14012008)	17.22608c(14012008)	17.22513c(14012008)
17.23129c(14012008)	17.24248c(14012008)		
3747059.5	19.09840c(14012008)	19.07979c(14012008)	19.07366c(14012008)
19.07654c(14012008)	19.08572c(14012008)		
3747009.5	21.38747c(14012008)	21.35996c(14012008)	21.34831c(14012008)
21.34782c(14012008)	21.35492c(14012008)		
3746959.5	24.28560c(14012008)	24.24831c(14012008)	24.23087c(14012008)
24.22684c(14012008)	24.23161c(14012008)		
3746909.5	28.10216c(14012008)	28.05409c(14012008)	28.03039c(14012008)
28.02229c(14012008)	28.02391c(14012008)		
3746859.5	33.41444c(14012008)	33.35402c(14012008)	33.32271c(14012008)
33.30863c(14012008)	33.30457c(14012008)		
3746809.5	41.45245c(14012008)	41.37539c(14012008)	41.33133c(14012008)
41.30472c(14012008)	41.28725c(14012008)		
3746759.5	55.44859c(14012008)	55.33654c(14012008)	55.25751c(14012008)
55.19329c(14012008)	55.13570c(14012008)		
3746709.5	88.10207c(14012008)	87.84155c(14012008)	87.59368c(14012008)
87.34382c(14012008)	87.08884c(14012008)		
3746659.5	67.35841c(14012008)	69.15958c(14012008)	71.19265c(14012008)
69.14562c(14012008)	67.45547c(14012008)		
3746609.5	78.57724c(14012008)	78.56346c(14012008)	78.72747c(14012008)
79.09197c(14012008)	79.67229c(14012008)		
3746559.5	63.45867c(14012008)	63.78806c(14012008)	64.07349c(14012008)
64.33344c(14012008)	64.57625c(14012008)		
3746509.5	44.95484c(14012008)	45.22141c(14012008)	45.44247c(14012008)
45.63437c(14012008)	45.80591c(14012008)		
3746459.5	35.14022c(14012008)	35.38006c(14012008)	35.57860c(14012008)
35.74820c(14012008)	35.89653c(14012008)		
3746409.5	28.93576c(14012008)	29.15641c(14012008)	29.34133c(14012008)
29.49937c(14012008)	29.63672c(14012008)		
3746359.5	24.61202c(14012008)	24.81617c(14012008)	24.98987c(14012008)
25.13940c(14012008)	25.26958c(14012008)		
3746309.5	21.40557c(14012008)	21.59482c(14012008)	21.75816c(14012008)
21.90013c(14012008)	22.02437c(14012008)		
3746259.5	18.92275c(14012008)	19.09837c(14012008)	19.25190c(14012008)
19.38663c(14012008)	19.50534c(14012008)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN

Y-COORD (METERS)			X-COORD (METERS)
405853.57	405703.57	405753.57	405803.57
	405903.57		

3747209.5	14.43174c(14012008)	14.44974c(14012008)	14.46813c(14012008)
14.48637c(14012008)	14.50400c(14012008)		
3747159.5	15.72659c(14012008)	15.74393c(14012008)	15.76202c(14012008)
15.78020c(14012008)	15.79795c(14012008)		
3747109.5	17.25707c(14012008)	17.27376c(14012008)	17.29156c(14012008)
17.30970c(14012008)	17.32757c(14012008)		
3747059.5	19.09910c(14012008)	19.11511c(14012008)	19.13257c(14012008)
19.15062c(14012008)	19.16858c(14012008)		
3747009.5	21.36699c(14012008)	21.38215c(14012008)	21.39909c(14012008)
21.41685c(14012008)	21.43476c(14012008)		
3746959.5	24.24199c(14012008)	24.25581c(14012008)	24.27168c(14012008)
24.28865c(14012008)	24.30608c(14012008)		
3746909.5	28.03147c(14012008)	28.04264c(14012008)	28.05605c(14012008)
28.07097c(14012008)	28.08697c(14012008)		
3746859.5	33.30627c(14012008)	33.31141c(14012008)	33.31896c(14012008)
33.32878c(14012008)	33.34103c(14012008)		
3746809.5	41.27457c(14012008)	41.26473c(14012008)	41.25748c(14012008)
41.25409c(14012008)	41.25658c(14012008)		
3746759.5	55.08097c(14012008)	55.02788c(14012008)	54.97756c(14012008)
54.93470c(14012008)	54.90801c(14012008)		
3746709.5	86.82870c(14012008)	86.56695c(14012008)	86.30910c(14012008)
86.07014c(14012008)	85.89765c(14012008)		
3746659.5	66.07455c(14012008)	64.96553c(14012008)	64.10207c(14012008)
63.46854c(14012008)	63.04909c(14012008)		
3746609.5	80.47830c(14012008)	81.52089c(14012008)	82.80642c(14012008)
58.44643c(14012008)	58.24379c(14012008)		
3746559.5	64.80603c(14012008)	65.02448c(14012008)	65.23079c(14012008)
65.41826c(14012008)	65.56924c(14012008)		
3746509.5	45.96189c(14012008)	46.10468c(14012008)	46.23462c(14012008)
46.34982c(14012008)	46.44666c(14012008)		
3746459.5	36.02829c(14012008)	36.14618c(14012008)	36.25150c(14012008)
36.34440c(14012008)	36.42456c(14012008)		
3746409.5	29.75753c(14012008)	29.86453c(14012008)	29.95939c(14012008)
30.04310c(14012008)	30.11632c(14012008)		
3746359.5	25.38389c(14012008)	25.48484c(14012008)	25.57419c(14012008)
25.65319c(14012008)	25.72279c(14012008)		
3746309.5	22.13376c(14012008)	22.23049c(14012008)	22.31620c(14012008)
22.39218c(14012008)	22.45945c(14012008)		
3746259.5	19.61035c(14012008)	19.70350c(14012008)	19.78628c(14012008)
19.85987c(14012008)	19.92528c(14012008)		

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD (METERS)			X-COORD (METERS)
406103.57	405953.57	406003.57	406053.57

3747209.5	14.52068c(14012008)	14.53608c(14012008)	14.54996c(14012008)
14.56210c(14012008)	14.57229c(14012008)		
3747159.5	15.81483c(14012008)	15.83051c(14012008)	15.84467c(14012008)
15.85706c(14012008)	15.86746c(14012008)		
3747109.5	17.34469c(14012008)	17.36066c(14012008)	17.37514c(14012008)
17.38781c(14012008)	17.39842c(14012008)		
3747059.5	19.18593c(14012008)	19.20220c(14012008)	19.21702c(14012008)
19.22999c(14012008)	19.24081c(14012008)		
3747009.5	21.45224c(14012008)	21.46879c(14012008)	21.48395c(14012008)
21.49725c(14012008)	21.50827c(14012008)		
3746959.5	24.32344c(14012008)	24.34016c(14012008)	24.35565c(14012008)
24.36931c(14012008)	24.38053c(14012008)		
3746909.5	28.10360c(14012008)	28.12023c(14012008)	28.13604c(14012008)
28.15011c(14012008)	28.16156c(14012008)		
3746859.5	33.35559c(14012008)	33.37162c(14012008)	33.38773c(14012008)
33.40240c(14012008)	33.41418c(14012008)		
3746809.5	41.26588c(14012008)	41.28038c(14012008)	41.29693c(14012008)
41.31263c(14012008)	41.32512c(14012008)		
3746759.5	54.90321c(14012008)	54.91476c(14012008)	54.93251c(14012008)
54.95026c(14012008)	54.96437c(14012008)		
3746709.5	85.83288c(14012008)	85.83949c(14012008)	85.86667c(14012008)
85.90176c(14012008)	85.93904c(14012008)		
3746659.5	62.82199c(14012008)	62.78593c(14012008)	62.94542c(14012008)
63.29761c(14012008)	63.84796c(14012008)		
3746609.5	58.15799c(14012008)	58.17973c(14012008)	58.29765c(14012008)
58.52495c(14012008)	58.86658c(14012008)		
3746559.5	65.66993c(14012008)	65.73295c(14012008)	65.77912c(14012008)
65.81755c(14012008)	65.85253c(14012008)		
3746509.5	46.52325c(14012008)	46.58261c(14012008)	46.63028c(14012008)
46.67070c(14012008)	46.70709c(14012008)		
3746459.5	36.49219c(14012008)	36.54876c(14012008)	36.59655c(14012008)
36.63792c(14012008)	36.67496c(14012008)		
3746409.5	30.17978c(14012008)	30.23455c(14012008)	30.28198c(14012008)
30.32351c(14012008)	30.36052c(14012008)		
3746359.5	25.78388c(14012008)	25.83738c(14012008)	25.88428c(14012008)
25.92559c(14012008)	25.96226c(14012008)		
3746309.5	22.51889c(14012008)	22.57134c(14012008)	22.61762c(14012008)
22.65849c(14012008)	22.69468c(14012008)		
3746259.5	19.98333c(14012008)	20.03479c(14012008)	20.08035c(14012008)
20.12065c(14012008)	20.15627c(14012008)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons 07/06/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 406203.57 406253.57 406303.57
406353.57 406403.57

3747209.5	14.58040c(14012008)	14.58627c(14012008)	14.58981c(14012008)
14.59093c(14012008)	14.58955c(14012008)		
3747159.5	15.87568c(14012008)	15.88156c(14012008)	15.88498c(14012008)
15.88585c(14012008)	15.88410c(14012008)		
3747109.5	17.40673c(14012008)	17.41257c(14012008)	17.41577c(14012008)
17.41625c(14012008)	17.41394c(14012008)		
3747059.5	19.24918c(14012008)	19.25487c(14012008)	19.25770c(14012008)
19.25757c(14012008)	19.25441c(14012008)		
3747009.5	21.51663c(14012008)	21.52202c(14012008)	21.52420c(14012008)
21.52307c(14012008)	21.51859c(14012008)		
3746959.5	24.38877c(14012008)	24.39359c(14012008)	24.39467c(14012008)
24.39187c(14012008)	24.38521c(14012008)		
3746909.5	28.16954c(14012008)	28.17333c(14012008)	28.17244c(14012008)
28.16671c(14012008)	28.15630c(14012008)		
3746859.5	33.42170c(14012008)	33.42365c(14012008)	33.41908c(14012008)
33.40779c(14012008)	33.39035c(14012008)		
3746809.5	41.33200c(14012008)	41.33055c(14012008)	41.31838c(14012008)
41.29511c(14012008)	41.26269c(14012008)		
3746759.5	54.97087c(14012008)	54.96293c(14012008)	54.93196c(14012008)
54.87631c(14012008)	54.80458c(14012008)		
3746709.5	85.97070c(14012008)	85.97392c(14012008)	85.89807c(14012008)
85.71468c(14012008)	85.49238c(14012008)		
3746659.5	64.60551c(14012008)	65.58463c(14012008)	66.81079c(14012008)
68.30399c(14012008)	70.07422c(14012008)		
3746609.5	83.25211c(14012008)	82.31753c(14012008)	81.68257c(14012008)
81.26881c(14012008)	81.12315c(14012008)		
3746559.5	65.88907c(14012008)	65.93850c(14012008)	66.01935c(14012008)
66.13714c(14012008)	66.27146c(14012008)		
3746509.5	46.74280c(14012008)	46.78216c(14012008)	46.82961c(14012008)
46.88604c(14012008)	46.94789c(14012008)		
3746459.5	36.70970c(14012008)	36.74417c(14012008)	36.77997c(14012008)
36.81752c(14012008)	36.85597c(14012008)		
3746409.5	30.39429c(14012008)	30.42595c(14012008)	30.45633c(14012008)
30.48574c(14012008)	30.51401c(14012008)		
3746359.5	25.99517c(14012008)	26.02507c(14012008)	26.05247c(14012008)
26.07767c(14012008)	26.10069c(14012008)		
3746309.5	22.72683c(14012008)	22.75549c(14012008)	22.78106c(14012008)
22.80378c(14012008)	22.82377c(14012008)		
3746259.5	20.18773c(14012008)	20.21544c(14012008)	20.23975c(14012008)
20.26087c(14012008)	20.27894c(14012008)		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)		
406603.57	406453.57 406503.57 406553.57	

3747209.5	14.58564c(14012008)	14.57914c(14012008)	14.57002c(14012008)
14.55824c(14012008)	14.54376c(14012008)		
3747159.5	15.87968c(14012008)	15.87255c(14012008)	15.86270c(14012008)
15.85009c(14012008)	15.83471c(14012008)		
3747109.5	17.40881c(14012008)	17.40082c(14012008)	17.38998c(14012008)
17.37629c(14012008)	17.35973c(14012008)		
3747059.5	19.24822c(14012008)	19.23900c(14012008)	19.22679c(14012008)
19.21160c(14012008)	19.19345c(14012008)		
3747009.5	21.51079c(14012008)	21.49973c(14012008)	21.48550c(14012008)
21.46817c(14012008)	21.44779c(14012008)		
3746959.5	24.37484c(14012008)	24.36091c(14012008)	24.34359c(14012008)
24.32303c(14012008)	24.29933c(14012008)		
3746909.5	28.14157c(14012008)	28.12288c(14012008)	28.10056c(14012008)
28.07485c(14012008)	28.04590c(14012008)		
3746859.5	33.36763c(14012008)	33.34044c(14012008)	33.30935c(14012008)
33.27472c(14012008)	33.23681c(14012008)		
3746809.5	41.22351c(14012008)	41.17927c(14012008)	41.13091c(14012008)
41.07896c(14012008)	41.02371c(14012008)		
3746759.5	54.72409c(14012008)	54.63818c(14012008)	54.54824c(14012008)
54.45485c(14012008)	54.35835c(14012008)		
3746709.5	85.25321c(14012008)	85.00279c(14012008)	84.74412c(14012008)
84.47955c(14012008)	84.21193c(14012008)		
3746659.5	70.60826c(14012008)	68.67815c(14012008)	67.07482c(14012008)
65.75737c(14012008)	64.69473c(14012008)		
3746609.5	81.22448c(14012008)	81.57798c(14012008)	82.19256c(14012008)
83.07717c(14012008)	84.24293c(14012008)		
3746559.5	66.40968c(14012008)	66.54752c(14012008)	66.68350c(14012008)
66.81697c(14012008)	66.94773c(14012008)		
3746509.5	47.01124c(14012008)	47.07378c(14012008)	47.13434c(14012008)
47.19232c(14012008)	47.24733c(14012008)		
3746459.5	36.89397c(14012008)	36.93043c(14012008)	36.96463c(14012008)
36.99608c(14012008)	37.02446c(14012008)		
3746409.5	30.54064c(14012008)	30.56515c(14012008)	30.58711c(14012008)
30.60619c(14012008)	30.62213c(14012008)		
3746359.5	26.12138c(14012008)	26.13951c(14012008)	26.15486c(14012008)
26.16722c(14012008)	26.17640c(14012008)		
3746309.5	22.84100c(14012008)	22.85539c(14012008)	22.86683c(14012008)
22.87520c(14012008)	22.88035c(14012008)		
3746259.5	20.29400c(14012008)	20.30604c(14012008)	20.31502c(14012008)
20.32086c(14012008)	20.32346c(14012008)		

FF *** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
 GP\14635 Cons *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 14:33:44

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 406703.57 406753.57 406803.57
406853.57 406903.57

3747209.5 | 14.52655c(14012008) 14.50657c(14012008) 14.48375c(14012008)
14.45803c(14012008) 14.42931c(14012008)
3747159.5 | 15.81652c(14012008) 15.79548c(14012008) 15.77156c(14012008)
15.74468c(14012008) 15.71475c(14012008)
3747109.5 | 17.34029c(14012008) 17.31795c(14012008) 17.29267c(14012008)
17.26440c(14012008) 17.23304c(14012008)
3747059.5 | 19.17236c(14012008) 19.14832c(14012008) 19.12131c(14012008)
19.09128c(14012008) 19.05817c(14012008)
3747009.5 | 21.42440c(14012008) 21.39802c(14012008) 21.36867c(14012008)
21.33632c(14012008) 21.30092c(14012008)
3746959.5 | 24.27256c(14012008) 24.24280c(14012008) 24.21009c(14012008)
24.17445c(14012008) 24.13587c(14012008)
3746909.5 | 28.01386c(14012008) 27.97883c(14012008) 27.94093c(14012008)
27.90026c(14012008) 27.85691c(14012008)
3746859.5 | 33.19579c(14012008) 33.15183c(14012008) 33.10513c(14012008)
33.05597c(14012008) 33.00464c(14012008)
3746809.5 | 40.96540c(14012008) 40.90423c(14012008) 40.84055c(14012008)
40.77491c(14012008) 40.70820c(14012008)
3746759.5 | 54.25896c(14012008) 54.15692c(14012008) 54.05269c(14012008)
53.94730c(14012008) 53.84323c(14012008)
3746709.5 | 83.94401c(14012008) 83.67787c(14012008) 83.41578c(14012008)
83.15967c(14012008) 82.91558c(14012008)
3746659.5 | 63.86186c(14012008) 63.24129c(14012008) 62.81897c(14012008)
62.58651c(14012008) 62.54257c(14012008)
3746609.5 | 59.57004c(14012008) 59.23278c(14012008) 59.01362c(14012008)
58.91158c(14012008) 58.92109c(14012008)
3746559.5 | 67.07569c(14012008) 67.20059c(14012008) 67.32198c(14012008)
67.43834c(14012008) 67.54508c(14012008)
3746509.5 | 47.29910c(14012008) 47.34725c(14012008) 47.39120c(14012008)
47.42989c(14012008) 47.46139c(14012008)
3746459.5 | 37.04949c(14012008) 37.07084c(14012008) 37.08806c(14012008)
37.10053c(14012008) 37.10740c(14012008)
3746409.5 | 30.63471c(14012008) 30.64364c(14012008) 30.64862c(14012008)
30.64924c(14012008) 30.64508c(14012008)
3746359.5 | 26.18221c(14012008) 26.18445c(14012008) 26.18288c(14012008)
26.17724c(14012008) 26.16726c(14012008)
3746309.5 | 22.88214c(14012008) 22.88043c(14012008) 22.87504c(14012008)
22.86576c(14012008) 22.85241c(14012008)
3746259.5 | 20.32274c(14012008) 20.31857c(14012008) 20.31082c(14012008)
20.29932c(14012008) 20.28394c(14012008)

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)			
407103.57	406953.57	407003.57	407053.57
	407153.57		

3747209.5	14.39750c(14012008)	14.36247c(14012008)	14.32409c(14012008)
14.28219c(14012008)	14.23660c(14012008)		
3747159.5	15.68167c(14012008)	15.64532c(14012008)	15.60555c(14012008)
15.56218c(14012008)	15.51502c(14012008)		
3747109.5	17.19851c(14012008)	17.16066c(14012008)	17.11934c(14012008)
17.07436c(14012008)	17.02552c(14012008)		
3747059.5	19.02187c(14012008)	18.98226c(14012008)	18.93916c(14012008)
18.89236c(14012008)	18.84164c(14012008)		
3747009.5	21.26238c(14012008)	21.22058c(14012008)	21.17532c(14012008)
21.12636c(14012008)	21.07345c(14012008)		
3746959.5	24.09430c(14012008)	24.04960c(14012008)	24.00155c(14012008)
23.94987c(14012008)	23.89424c(14012008)		
3746909.5	27.81087c(14012008)	27.76203c(14012008)	27.71010c(14012008)
27.65469c(14012008)	27.59538c(14012008)		
3746859.5	32.95134c(14012008)	32.89595c(14012008)	32.83803c(14012008)
32.77694c(14012008)	32.71210c(14012008)		
3746809.5	40.64126c(14012008)	40.57405c(14012008)	40.50553c(14012008)
40.43443c(14012008)	40.35978c(14012008)		
3746759.5	53.74431c(14012008)	53.65090c(14012008)	53.55908c(14012008)
53.46564c(14012008)	53.36890c(14012008)		
3746709.5	82.70701c(14012008)	82.53770c(14012008)	82.37997c(14012008)
82.22295c(14012008)	82.06220c(14012008)		
3746659.5	62.67943c(14012008)	62.99926c(14012008)	63.51532c(14012008)
64.23334c(14012008)	65.16592c(14012008)		
3746609.5	59.05399c(14012008)	59.31426c(14012008)	59.69180c(14012008)
60.19953c(14012008)	84.44249c(14012008)		
3746559.5	67.63095c(14012008)	67.69338c(14012008)	67.74311c(14012008)
67.78555c(14012008)	67.82227c(14012008)		
3746509.5	47.48336c(14012008)	47.49524c(14012008)	47.49878c(14012008)
47.49566c(14012008)	47.48674c(14012008)		
3746459.5	37.10790c(14012008)	37.10176c(14012008)	37.08930c(14012008)
37.07099c(14012008)	37.04710c(14012008)		
3746409.5	30.63575c(14012008)	30.62106c(14012008)	30.60099c(14012008)
30.57560c(14012008)	30.54491c(14012008)		
3746359.5	26.15269c(14012008)	26.13335c(14012008)	26.10914c(14012008)
26.07996c(14012008)	26.04572c(14012008)		
3746309.5	22.83481c(14012008)	22.81278c(14012008)	22.78618c(14012008)
22.75487c(14012008)	22.71869c(14012008)		

3746259.5 | 20.26451c(14012008) 20.24088c(14012008) 20.21290c(14012008)
20.18041c(14012008) 20.14321c(14012008)
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE 1ST HIGHEST 8-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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF CO IN **
MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 407203.57 407253.57 407303.57
407353.57 407403.57

3747209.5 | 14.18710c(14012008) 14.13348c(14012008) 14.07548c(14012008)
14.01282c(14012008) 13.94520c(14012008)
3747159.5 | 15.46385c(14012008) 15.40842c(14012008) 15.34845c(14012008)
15.28365c(14012008) 15.21368c(14012008)
3747109.5 | 16.97256c(14012008) 16.91522c(14012008) 16.85320c(14012008)
16.78617c(14012008) 16.71378c(14012008)
3747059.5 | 18.78671c(14012008) 18.72730c(14012008) 18.66307c(14012008)
18.59368c(14012008) 18.51872c(14012008)
3747009.5 | 21.01627c(14012008) 20.95450c(14012008) 20.88780c(14012008)
20.81578c(14012008) 20.73802c(14012008)
3746959.5 | 23.83430c(14012008) 23.76970c(14012008) 23.70004c(14012008)
23.62493c(14012008) 23.54391c(14012008)
3746909.5 | 27.53177c(14012008) 27.46342c(14012008) 27.38992c(14012008)
27.31083c(14012008) 27.22568c(14012008)
3746859.5 | 32.64296c(14012008) 32.56903c(14012008) 32.48986c(14012008)
32.40498c(14012008) 32.31389c(14012008)
3746809.5 | 40.28087c(14012008) 40.19712c(14012008) 40.10804c(14012008)
40.01313c(14012008) 39.91189c(14012008)
3746759.5 | 53.26788c(14012008) 53.16201c(14012008) 53.05072c(14012008)
52.93350c(14012008) 52.80987c(14012008)
3746709.5 | 81.89462c(14012008) 81.71855c(14012008) 81.53259c(14012008)
81.33561c(14012008) 81.12787c(14012008)
3746659.5 | 66.33145c(14012008) 67.75318c(14012008) 93.47308c(14012008)
68.66633c(14012008) 66.87811c(14012008)
3746609.5 | 83.64171c(14012008) 83.12323c(14012008) 82.89070c(14012008)
82.94806c(14012008) 83.30219c(14012008)
3746559.5 | 67.85363c(14012008) 67.87928c(14012008) 67.89864c(14012008)
67.91139c(14012008) 67.91702c(14012008)
3746509.5 | 47.47227c(14012008) 47.45213c(14012008) 47.42604c(14012008)
47.39361c(14012008) 47.35433c(14012008)
3746459.5 | 37.01771c(14012008) 36.98266c(14012008) 36.94166c(14012008)
36.89432c(14012008) 36.84015c(14012008)
3746409.5 | 30.50884c(14012008) 30.46719c(14012008) 30.41967c(14012008)
30.36588c(14012008) 30.30534c(14012008)

3746359.5 | 26.00626c(14012008) 25.96133c(14012008) 25.91064c(14012008)
25.85381c(14012008) 25.79034c(14012008)
3746309.5 | 22.67744c(14012008) 22.63088c(14012008) 22.57869c(14012008)
22.52050c(14012008) 22.45586c(14012008)
3746259.5 | 20.10111c(14012008) 20.05385c(14012008) 20.00112c(14012008)
19.94256c(14012008) 19.87774c(14012008)
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407453.57 407503.57 407553.57
407603.57 407653.57

3747209.5 | 13.87227c(14012008) 13.79365c(14012008) 13.70894c(14012008)
13.61766c(14012008) 13.51929c(14012008)
3747159.5 | 15.13817c(14012008) 15.05671c(14012008) 14.96884c(14012008)
14.87405c(14012008) 14.77175c(14012008)
3747109.5 | 16.63562c(14012008) 16.55125c(14012008) 16.46017c(14012008)
16.36182c(14012008) 16.25558c(14012008)
3747059.5 | 18.43778c(14012008) 18.35039c(14012008) 18.25600c(14012008)
18.15403c(14012008) 18.04380c(14012008)
3747009.5 | 20.65407c(14012008) 20.56343c(14012008) 20.46554c(14012008)
20.35978c(14012008) 20.24543c(14012008)
3746959.5 | 23.45652c(14012008) 23.36221c(14012008) 23.26042c(14012008)
23.15050c(14012008) 23.03173c(14012008)
3746909.5 | 27.13397c(14012008) 27.03516c(14012008) 26.92864c(14012008)
26.81377c(14012008) 26.68987c(14012008)
3746859.5 | 32.21608c(14012008) 32.11097c(14012008) 31.99796c(14012008)
31.87642c(14012008) 31.74572c(14012008)
3746809.5 | 39.80377c(14012008) 39.68819c(14012008) 39.56452c(14012008)
39.43212c(14012008) 39.29047c(14012008)
3746759.5 | 52.67928c(14012008) 52.54108c(14012008) 52.39460c(14012008)
52.23919c(14012008) 52.07437c(14012008)
3746709.5 | 80.90997c(14012008) 80.68222c(14012008) 80.44550c(14012008)
80.20082c(14012008) 79.94894c(14012008)
3746659.5 | 65.37423c(14012008) 64.12223c(14012008) 63.09544c(14012008)
62.27386c(14012008) 61.64192c(14012008)
3746609.5 | 83.96035c(14012008) 60.40013c(14012008) 59.69529c(14012008)
59.11935c(14012008) 58.66699c(14012008)
3746559.5 | 67.91484c(14012008) 67.90434c(14012008) 67.88461c(14012008)
67.85440c(14012008) 67.81246c(14012008)
3746509.5 | 47.30757c(14012008) 47.25256c(14012008) 47.18832c(14012008)
47.11357c(14012008) 47.02663c(14012008)

3746459.5 | 36.77851c(14012008) 36.70866c(14012008) 36.62963c(14012008)
36.54024c(14012008) 36.43893c(14012008)
3746409.5 | 30.23743c(14012008) 30.16145c(14012008) 30.07648c(14012008)
29.98144c(14012008) 29.87496c(14012008)
3746359.5 | 25.71968c(14012008) 25.64115c(14012008) 25.55391c(14012008)
25.45697c(14012008) 25.34914c(14012008)
3746309.5 | 22.38422c(14012008) 22.30496c(14012008) 22.21732c(14012008)
22.12042c(14012008) 22.01320c(14012008)
3746259.5 | 19.80616c(14012008) 19.72725c(14012008) 19.64031c(14012008)
19.54456c(14012008) 19.43909c(14012008)
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE 1ST HIGHEST 8-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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF CO IN **
MICROGRAMS/M**3

Y-COORD | X-COORD (METERS)
(METERS) | 407703.57 407753.57 407803.57
407853.57 407903.57

3747209.5 | 13.41324c(14012008) 13.29885c(14012008) 13.17539c(14012008)
13.04203c(14012008) 12.89783c(14012008)
3747159.5 | 14.66129c(14012008) 14.54193c(14012008) 14.41282c(14012008)
14.27298c(14012008) 14.12130c(14012008)
3747109.5 | 16.14072c(14012008) 16.01640c(14012008) 15.88167c(14012008)
15.73540c(14012008) 15.57629c(14012008)
3747059.5 | 17.92452c(14012008) 17.79530c(14012008) 17.65505c(14012008)
17.50251c(14012008) 17.33615c(14012008)
3747009.5 | 20.12169c(14012008) 19.98759c(14012008) 19.84197c(14012008)
19.68343c(14012008) 19.51021c(14012008)
3746959.5 | 22.90331c(14012008) 22.76428c(14012008) 22.61345c(14012008)
22.44931c(14012008) 22.26989c(14012008)
3746909.5 | 26.55620c(14012008) 26.41191c(14012008) 26.25592c(14012008)
26.08674c(14012008) 25.90219c(14012008)
3746859.5 | 31.60529c(14012008) 31.45461c(14012008) 31.29308c(14012008)
31.11955c(14012008) 30.93173c(14012008)
3746809.5 | 39.13927c(14012008) 38.97875c(14012008) 38.80972c(14012008)
38.63265c(14012008) 38.44537c(14012008)
3746759.5 | 51.90015c(14012008) 51.71804c(14012008) 51.53292c(14012008)
51.35282c(14012008) 51.17712c(14012008)
3746709.5 | 79.69088c(14012008) 79.43002c(14012008) 79.18003c(14012008)
78.99746c(14012008) 78.89806c(14012008)
3746659.5 | 61.18886c(14012008) 60.90800c(14012008) 60.80521c(14012008)
60.86187c(14012008) 61.07717c(14012008)
3746609.5 | 58.33392c(14012008) 58.11494c(14012008) 57.99074c(14012008)
57.98599c(14012008) 58.10218c(14012008)

3746559.5 | 67.75627c(14012008) 67.68028c(14012008) 67.56997c(14012008)
67.38941c(14012008) 67.12703c(14012008)
3746509.5 | 46.92496c(14012008) 46.80439c(14012008) 46.65796c(14012008)
46.47682c(14012008) 46.25697c(14012008)
3746459.5 | 36.32357c(14012008) 36.19126c(14012008) 36.03825c(14012008)
35.86055c(14012008) 35.65530c(14012008)
3746409.5 | 29.75529c(14012008) 29.62031c(14012008) 29.46751c(14012008)
29.29426c(14012008) 29.09812c(14012008)
3746359.5 | 25.22899c(14012008) 25.09482c(14012008) 24.94472c(14012008)
24.77661c(14012008) 24.58833c(14012008)
3746309.5 | 21.89446c(14012008) 21.76279c(14012008) 21.61660c(14012008)
21.45417c(14012008) 21.27359c(14012008)
3746259.5 | 19.32283c(14012008) 19.19460c(14012008) 19.05307c(14012008)
18.89673c(14012008) 18.72393c(14012008)
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407953.57 408003.57 408053.57
408103.57 408153.57

3747209.5 | 12.74178c(14012008) 12.57273c(14012008) 12.38948c(14012008)
12.19072c(14012008) 11.97510c(14012008)
3747159.5 | 13.95655c(14012008) 13.77731c(14012008) 13.58203c(14012008)
13.36902c(14012008) 13.13647c(14012008)
3747109.5 | 15.40283c(14012008) 15.21330c(14012008) 15.00574c(14012008)
14.77797c(14012008) 14.52759c(14012008)
3747059.5 | 17.15418c(14012008) 16.95449c(14012008) 16.73466c(14012008)
16.49191c(14012008) 16.22308c(14012008)
3747009.5 | 19.32019c(14012008) 19.11083c(14012008) 18.87913c(14012008)
18.62162c(14012008) 18.33424c(14012008)
3746959.5 | 22.07268c(14012008) 21.85464c(14012008) 21.61209c(14012008)
21.34072c(14012008) 21.03542c(14012008)
3746909.5 | 25.69931c(14012008) 25.47437c(14012008) 25.22292c(14012008)
24.93967c(14012008) 24.61829c(14012008)
3746859.5 | 30.72593c(14012008) 30.49742c(14012008) 30.24068c(14012008)
29.94931c(14012008) 29.61570c(14012008)
3746809.5 | 38.24246c(14012008) 38.01711c(14012008) 37.76224c(14012008)
37.47024c(14012008) 37.13219c(14012008)
3746759.5 | 50.99306c(14012008) 50.78815c(14012008) 50.55281c(14012008)
50.27822c(14012008) 49.95438c(14012008)
3746709.5 | 78.81335c(14012008) 78.71138c(14012008) 78.57797c(14012008)
78.40230c(14012008) 78.17245c(14012008)

3746659.5		61.48289c(14012008)	62.07323c(14012008)	62.85608c(14012008)
63.84583c(14012008)		65.06253c(14012008)		
3746609.5		58.30044c(14012008)	58.59863c(14012008)	82.40949c(14012008)
81.19427c(14012008)		80.24585c(14012008)		
3746559.5		66.81283c(14012008)	66.46045c(14012008)	66.06992c(14012008)
65.63577c(14012008)		65.14909c(14012008)		
3746509.5		46.00083c(14012008)	45.71000c(14012008)	45.38251c(14012008)
45.01318c(14012008)		44.59396c(14012008)		
3746459.5		35.42087c(14012008)	35.15547c(14012008)	34.85590c(14012008)
34.51711c(14012008)		34.13194c(14012008)		
3746409.5		28.87674c(14012008)	28.62751c(14012008)	28.34694c(14012008)
28.03036c(14012008)		27.67156c(14012008)		
3746359.5		24.37757c(14012008)	24.14164c(14012008)	23.87727c(14012008)
23.58034c(14012008)		23.24561c(14012008)		
3746309.5		21.07274c(14012008)	20.84917c(14012008)	20.59999c(14012008)
20.32169c(14012008)		20.01001c(14012008)		
3746259.5		18.53280c(14012008)	18.32123c(14012008)	18.08675c(14012008)
17.82645c(14012008)		17.53697c(14012008)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)		408203.57	408253.57
408353.57		408403.57	408303.57

3747209.5		11.74126c(14012008)	11.48792c(14012008)	11.21394c(14012008)
10.91844c(14012008)		10.60103c(14012008)		
3747159.5		12.88247c(14012008)	12.60512c(14012008)	12.30262c(14012008)
11.97341c(14012008)		11.61644c(14012008)		
3747109.5		14.25197c(14012008)	13.94839c(14012008)	13.61406c(14012008)
13.24640c(14012008)		12.84324c(14012008)		
3747059.5		15.92466c(14012008)	15.59277c(14012008)	15.22328c(14012008)
14.81199c(14012008)		14.35501c(14012008)		
3747009.5		18.01230c(14012008)	17.65047c(14012008)	17.24273c(14012008)
16.78253c(14012008)		16.26316c(14012008)		
3746959.5		20.69010c(14012008)	20.29755c(14012008)	19.84926c(14012008)
19.33532c(14012008)		18.74466c(14012008)		
3746909.5		24.25108c(14012008)	23.82859c(14012008)	23.33908c(14012008)
22.76811c(14012008)		22.09810c(14012008)		
3746859.5		29.23038c(14012008)	28.78136c(14012008)	28.25309c(14012008)
27.62525c(14012008)		26.87124c(14012008)		
3746809.5		36.73689c(14012008)	36.26971c(14012008)	35.71096c(14012008)
35.03349c(14012008)		34.19918c(14012008)		

3746759.5		49.56858c(14012008)	49.10381c(14012008)	48.53646c(14012008)
47.83239c(14012008)		46.94082c(14012008)		
3746709.5		77.87337c(14012008)	77.48581c(14012008)	76.98335c(14012008)
76.32626c(14012008)		75.45389c(14012008)		
3746659.5		89.85967c(14012008)	64.19199c(14012008)	61.96518c(14012008)
59.84925c(14012008)		57.75172c(14012008)		
3746609.5		79.53948c(14012008)	79.04757c(14012008)	78.73706c(14012008)
78.55889c(14012008)		53.67214c(14012008)		
3746559.5		64.59705c(14012008)	63.96186c(14012008)	63.21829c(14012008)
62.32918c(14012008)		61.23724c(14012008)		
3746509.5		44.11354c(14012008)	43.55630c(14012008)	42.90051c(14012008)
42.11521c(14012008)		41.15518c(14012008)		
3746459.5		33.69063c(14012008)	33.18011c(14012008)	32.58278c(14012008)
31.87471c(14012008)		31.02313c(14012008)		
3746409.5		27.26243c(14012008)	26.79246c(14012008)	26.24810c(14012008)
25.61189c(14012008)		24.86159c(14012008)		
3746359.5		22.86656c(14012008)	22.43505c(14012008)	21.94106c(14012008)
21.37243c(14012008)		20.71486c(14012008)		
3746309.5		19.65983c(14012008)	19.26505c(14012008)	18.81849c(14012008)
18.31203c(14012008)		17.73683c(14012008)		
3746259.5		17.21438c(14012008)	16.85421c(14012008)	16.45151c(14012008)
16.00098c(14012008)		15.49742c(14012008)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)		408453.57	408503.57
408603.57		408653.57	408553.57

3747209.5		10.26190c(14012008)	9.90211c(14012008)	9.52368c(14012008)
9.12975c(14012008)		8.72447c(14012008)		
3747159.5		11.23141c(14012008)	10.81913c(14012008)	10.38182c(14012008)
9.92335c(14012008)		9.44922c(14012008)		
3747109.5		12.40335c(14012008)	11.92689c(14012008)	11.41604c(14012008)
10.87549c(14012008)		10.31263c(14012008)		
3747059.5		13.84931c(14012008)	13.29362c(14012008)	12.68949c(14012008)
12.04234c(14012008)		11.36216c(14012008)		
3747009.5		15.67850c(14012008)	15.02424c(14012008)	14.29986c(14012008)
13.51087c(14012008)		12.67068c(14012008)		
3746959.5		18.06576c(14012008)	17.28835c(14012008)	16.40652c(14012008)
15.42349c(14012008)		14.35659c(14012008)		
3746909.5		21.30861c(14012008)	20.37790c(14012008)	19.28737c(14012008)
18.03067c(14012008)		16.67308c(12020624)		

3746859.5		25.95665c(14012008)	24.83892c(14012008)	23.47115c(14012008)
21.81657c(14012008)		20.04581c(12020624)		
3746809.5		33.15373c(14012008)	31.81997c(14012008)	30.09251c(14012008)
27.84768c(14012008)		25.36364c(12020624)		
3746759.5		45.78314c(14012008)	44.23263c(14012008)	42.07898c(14012008)
39.06596c(12020624)		35.17002c(12020624)		
3746709.5		74.26641c(14012008)	72.58507c(14012008)	70.05976c(14012008)
66.38200c(12020624)		59.78499c(12020624)		
3746659.5		55.53767c(14012008)	52.97870c(14012008)	49.61001c(14012008)
44.24992c(14012008)		32.54948c(14012008)		
3746609.5		51.69920c(14012008)	49.32988c(14012008)	46.13518c(14012008)
41.06889c(14012008)		30.75771c(14012008)		
3746559.5		59.85013c(14012008)	58.00958c(14012008)	55.42535c(14012008)
51.53218c(14012008)		45.26325c(14012008)		
3746509.5		39.95259c(14012008)	38.40352c(14012008)	36.34883c(14012008)
33.56195c(14012008)		29.81514c(14012008)		
3746459.5		29.98312c(14012008)	28.69439c(14012008)	27.08172c(14012008)
25.06980c(14012008)		22.63414c(14012008)		
3746409.5		23.96967c(14012008)	22.90410c(14012008)	21.63310c(14012008)
20.13742c(14012008)		18.43297c(14012008)		
3746359.5		19.95242c(14012008)	19.06935c(14012008)	18.05406c(14012008)
16.90606c(14012008)		15.64486c(14012008)		
3746309.5		17.08419c(14012008)	16.34707c(14012008)	15.52265c(14012008)
14.61588c(14012008)		13.64273c(14012008)		
3746259.5		14.93638c(14012008)	14.31527c(14012008)	13.63487c(14012008)
12.90099c(14012008)		12.12565c(14012008)		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)		408703.57 408753.57	408803.57
408853.57		408903.57	

3747209.5		8.31288c(14012008)	7.90047c(14012008)	7.49281c(14012008)
7.14610c(12020624)		6.80682c(12020624)		
3747159.5		8.96633c(14012008)	8.48242c(14012008)	8.04521c(12020624)
7.64112c(12020624)		7.24080c(12020624)		
3747109.5		9.73719c(14012008)	9.17812c(12020624)	8.68874c(12020624)
8.20522c(12020624)		7.72287c(12020624)		
3747059.5		10.66314c(14012008)	10.04024c(12020624)	9.44372c(12020624)
8.85108c(12020624)		8.25481c(12020624)		
3747009.5		11.84035c(12020624)	11.08862c(12020624)	10.34084c(12020624)
9.59127c(12020624)		8.83219c(12020624)		

3746959.5		13.36593c(12020624)	12.39438c(12020624)	11.42037c(12020624)
10.43370c(12020624)		9.43824c(12020624)		
3746909.5		15.38603c(12020624)	14.06915c(12020624)	12.73105c(12020624)
11.37010c(12020624)		10.03522c(12020624)		
3746859.5		18.21061c(12020624)	16.29446c(12020624)	14.31652c(12020624)
12.35230c(12020624)		10.55767c(12020624)		
3746809.5		22.49343c(12020624)	19.37119c(12020624)	16.16587c(12020624)
13.25929c(12020624)		11.24508c(14012008)		
3746759.5		29.91757c(12020624)	23.74968c(12020624)	18.07261c(12020624)
14.27604c(14012008)		11.95937c(14012008)		
3746709.5		46.56855c(12020624)	29.63494c(12020624)	19.98112c(14012008)
15.36802c(14012008)		12.53513c(14012008)		
3746659.5		33.80976c(14012008)	35.18031c(14012008)	21.61504c(14012008)
15.98409c(14012008)		12.83175c(14012008)		
3746609.5		31.76023c(14012008)	32.82715c(14012008)	21.13970c(14012008)
15.81658c(14012008)		12.75369c(14012008)		
3746559.5		35.63475c(14012008)	25.66181c(14012008)	19.01927c(14012008)
14.95902c(14012008)		12.32823c(14012008)		
3746509.5		25.20361c(14012008)	20.52804c(14012008)	16.66374c(14012008)
13.78643c(14012008)		11.68131c(14012008)		
3746459.5		19.89134c(14012008)	17.12899c(14012008)	14.64925c(14012008)
12.59252c(14012008)		10.94627c(14012008)		
3746409.5		16.59374c(14012008)	14.74665c(14012008)	13.02258c(14012008)
11.50354c(14012008)		10.21155c(14012008)		
3746359.5		14.31533c(14012008)	12.98201c(14012008)	11.71076c(14012008)
10.54957c(14012008)		9.52088c(14012008)		
3746309.5		12.63116c(14012008)	11.61749c(14012008)	10.63856c(14012008)
9.72367c(14012008)		8.89026c(14012008)		
3746259.5		11.32695c(14012008)	10.52695c(14012008)	9.74792c(14012008)
9.00861c(14012008)		8.32180c(14012008)		

FF *** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

		** CONC OF CO		IN			
		MICROGRAMS/M**3				**	
				DATE			
GROUP ID		AVERAGE CONC		(YYMMDDHH)		NETWORK	
ZELEV, ZHILL, ZFLAG)		OF TYPE GRID-ID				RECEPTOR (XR, YR,	
-----		-----		-----		-----	
ALL		HIGH		1ST HIGH VALUE IS		112.25532 ON 12052806: AT (405203.57, 3746609.46,	
0.00,		0.00,		0.00) GC UCART1			

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
FF *** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID	DATE	RECEPTOR	NETWORK
ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	(XR, YR,

ALL	HIGH	1ST HIGH VALUE IS	99.19664c ON 14012008: AT (405203.57, 3746609.46,
0.00,	0.00,	0.00)	GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 14:33:44

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS CA-91 NOX\14635 OPS
CA-91 NOX.ADI
**
*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**
CO STARTING
  TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
  MODELOPT DFAULT CONC
  AVERTIME 1
  URBANOPT 3010232 ORANGE_COUNTY
  POLLUTID NOX
  RUNORNOT RUN
  ERRORFIL "14635 OPS CA-91 NOX.ERR"
CO FINISHED
**
*****
** AERMOD SOURCE PATHWAY
*****
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** -----
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 53.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.4608
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 404371.937, 3746972.329, 0.00, 3.49, 24.65
** 404707.688, 3746802.877, 0.00, 3.49, 24.65
** 404797.537, 3746763.470, 0.00, 3.49, 24.65
** 404850.343, 3746740.613, 0.00, 3.49, 24.65
** 404939.404, 3746711.452, 0.00, 3.49, 24.65
** 405094.669, 3746674.409, 0.00, 3.49, 24.65
** 405206.586, 3746657.070, 0.00, 3.49, 24.65
** 405325.596, 3746650.764, 0.00, 3.49, 24.65
** 405904.885, 3746647.612, 0.00, 3.49, 24.65
** 406282.408, 3746647.612, 0.00, 3.49, 24.65
** 406934.995, 3746644.459, 0.00, 3.49, 24.65
** 407837.003, 3746642.031, 0.00, 3.49, 24.65
** 408727.746, 3746644.991, 0.00, 3.49, 24.65
** -----
LOCATION L0000001      VOLUME  404395.595 3746960.389 0.0
LOCATION L0000002      VOLUME  404442.911 3746936.509 0.0
LOCATION L0000003      VOLUME  404490.226 3746912.629 0.0
LOCATION L0000004      VOLUME  404537.541 3746888.749 0.0

```

LOCATION	L0000005	VOLUME	404584.857	3746864.869	0.0
LOCATION	L0000006	VOLUME	404632.172	3746840.990	0.0
LOCATION	L0000007	VOLUME	404679.488	3746817.110	0.0
LOCATION	L0000008	VOLUME	404727.297	3746794.277	0.0
LOCATION	L0000009	VOLUME	404775.833	3746772.989	0.0
LOCATION	L0000010	VOLUME	404824.427	3746751.831	0.0
LOCATION	L0000011	VOLUME	404873.874	3746732.908	0.0
LOCATION	L0000012	VOLUME	404924.243	3746716.416	0.0
LOCATION	L0000013	VOLUME	404975.439	3746702.855	0.0
LOCATION	L0000014	VOLUME	405026.992	3746690.555	0.0
LOCATION	L0000015	VOLUME	405078.545	3746678.256	0.0
LOCATION	L0000016	VOLUME	405130.664	3746668.832	0.0
LOCATION	L0000017	VOLUME	405183.039	3746660.718	0.0
LOCATION	L0000018	VOLUME	405235.717	3746655.526	0.0
LOCATION	L0000019	VOLUME	405288.643	3746652.722	0.0
LOCATION	L0000020	VOLUME	405341.591	3746650.677	0.0
LOCATION	L0000021	VOLUME	405394.590	3746650.389	0.0
LOCATION	L0000022	VOLUME	405447.589	3746650.100	0.0
LOCATION	L0000023	VOLUME	405500.588	3746649.812	0.0
LOCATION	L0000024	VOLUME	405553.587	3746649.524	0.0
LOCATION	L0000025	VOLUME	405606.587	3746649.235	0.0
LOCATION	L0000026	VOLUME	405659.586	3746648.947	0.0
LOCATION	L0000027	VOLUME	405712.585	3746648.658	0.0
LOCATION	L0000028	VOLUME	405765.584	3746648.370	0.0
LOCATION	L0000029	VOLUME	405818.584	3746648.081	0.0
LOCATION	L0000030	VOLUME	405871.583	3746647.793	0.0
LOCATION	L0000031	VOLUME	405924.582	3746647.612	0.0
LOCATION	L0000032	VOLUME	405977.582	3746647.612	0.0
LOCATION	L0000033	VOLUME	406030.582	3746647.612	0.0
LOCATION	L0000034	VOLUME	406083.582	3746647.612	0.0
LOCATION	L0000035	VOLUME	406136.582	3746647.612	0.0
LOCATION	L0000036	VOLUME	406189.582	3746647.612	0.0
LOCATION	L0000037	VOLUME	406242.582	3746647.612	0.0
LOCATION	L0000038	VOLUME	406295.582	3746647.548	0.0
LOCATION	L0000039	VOLUME	406348.581	3746647.292	0.0
LOCATION	L0000040	VOLUME	406401.581	3746647.036	0.0
LOCATION	L0000041	VOLUME	406454.580	3746646.780	0.0
LOCATION	L0000042	VOLUME	406507.580	3746646.524	0.0
LOCATION	L0000043	VOLUME	406560.579	3746646.268	0.0
LOCATION	L0000044	VOLUME	406613.578	3746646.012	0.0
LOCATION	L0000045	VOLUME	406666.578	3746645.756	0.0
LOCATION	L0000046	VOLUME	406719.577	3746645.500	0.0
LOCATION	L0000047	VOLUME	406772.577	3746645.244	0.0
LOCATION	L0000048	VOLUME	406825.576	3746644.988	0.0
LOCATION	L0000049	VOLUME	406878.575	3746644.732	0.0
LOCATION	L0000050	VOLUME	406931.575	3746644.476	0.0
LOCATION	L0000051	VOLUME	406984.574	3746644.326	0.0
LOCATION	L0000052	VOLUME	407037.574	3746644.183	0.0
LOCATION	L0000053	VOLUME	407090.574	3746644.040	0.0
LOCATION	L0000054	VOLUME	407143.574	3746643.898	0.0
LOCATION	L0000055	VOLUME	407196.574	3746643.755	0.0
LOCATION	L0000056	VOLUME	407249.574	3746643.612	0.0
LOCATION	L0000057	VOLUME	407302.573	3746643.470	0.0
LOCATION	L0000058	VOLUME	407355.573	3746643.327	0.0
LOCATION	L0000059	VOLUME	407408.573	3746643.184	0.0
LOCATION	L0000060	VOLUME	407461.573	3746643.042	0.0
LOCATION	L0000061	VOLUME	407514.573	3746642.899	0.0
LOCATION	L0000062	VOLUME	407567.572	3746642.756	0.0
LOCATION	L0000063	VOLUME	407620.572	3746642.614	0.0
LOCATION	L0000064	VOLUME	407673.572	3746642.471	0.0
LOCATION	L0000065	VOLUME	407726.572	3746642.328	0.0
LOCATION	L0000066	VOLUME	407779.572	3746642.186	0.0
LOCATION	L0000067	VOLUME	407832.571	3746642.043	0.0
LOCATION	L0000068	VOLUME	407885.571	3746642.192	0.0
LOCATION	L0000069	VOLUME	407938.571	3746642.369	0.0
LOCATION	L0000070	VOLUME	407991.571	3746642.545	0.0

LOCATION	L0000071	VOLUME	408044.570	3746642.721	0.0
LOCATION	L0000072	VOLUME	408097.570	3746642.897	0.0
LOCATION	L0000073	VOLUME	408150.570	3746643.073	0.0
LOCATION	L0000074	VOLUME	408203.569	3746643.249	0.0
LOCATION	L0000075	VOLUME	408256.569	3746643.425	0.0
LOCATION	L0000076	VOLUME	408309.569	3746643.602	0.0
LOCATION	L0000077	VOLUME	408362.568	3746643.778	0.0
LOCATION	L0000078	VOLUME	408415.568	3746643.954	0.0
LOCATION	L0000079	VOLUME	408468.568	3746644.130	0.0
LOCATION	L0000080	VOLUME	408521.568	3746644.306	0.0
LOCATION	L0000081	VOLUME	408574.567	3746644.482	0.0
LOCATION	L0000082	VOLUME	408627.567	3746644.659	0.0
LOCATION	L0000083	VOLUME	408680.567	3746644.835	0.0
** END OF LINE VOLUME SOURCE ID = SLINE1					
** SOURCE PARAMETERS **					
** LINE VOLUME SOURCE ID = SLINE1					
SRCPARAM	L0000001	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000002	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000003	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000004	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000005	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000006	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000007	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000008	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000009	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000010	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000011	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000012	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000013	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000014	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000015	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000016	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000017	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000018	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000019	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000020	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000021	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000022	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000023	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000024	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000025	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000026	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000027	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000028	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000029	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000030	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000031	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000032	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000033	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000034	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000035	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000036	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000037	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000038	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000039	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000040	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000041	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000042	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000043	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000044	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000045	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000046	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000047	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000048	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000049	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000050	0.0055518072	3.49	24.65	3.25

SRCPARAM	L0000051	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000052	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000053	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000054	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000055	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000056	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000057	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000058	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000059	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000060	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000061	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000062	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000063	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000064	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000065	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000066	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000067	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000068	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000069	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000070	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000071	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000072	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000073	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000074	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000075	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000076	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000077	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000078	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000079	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000080	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000081	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000082	0.0055518072	3.49	24.65	3.25
SRCPARAM	L0000083	0.0055518072	3.49	24.65	3.25

```
URBANSRC  ALL
SRCGROUP  ALL
```

```

**
*****
**  AERMOD RECEPTOR PATHWAY
*****
**
**

```

GRIDCART UCART1 STA

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W186 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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 83 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: NOX

**Model Calculates 1 Short Term Average(s) of: 1-HR

**This Run Includes: 83 Source(s); 1 Source Group(s); and 1900 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 83 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 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) = 29.00 ; Decay Coef. =
 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate
 Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14635 OPS CA-91

NOX.ERR

**File for Summary of Results: 14635 OPS CA-91

NOX.SUM

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** 18:30:12

PAGE 2

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	EMISSION RATE	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	BY							
L0000001	0	0.55518E-02	404395.6	3746960.4	0.0	3.49	24.65	3.25
YES								
L0000002	0	0.55518E-02	404442.9	3746936.5	0.0	3.49	24.65	3.25
YES								
L0000003	0	0.55518E-02	404490.2	3746912.6	0.0	3.49	24.65	3.25
YES								
L0000004	0	0.55518E-02	404537.5	3746888.7	0.0	3.49	24.65	3.25
YES								
L0000005	0	0.55518E-02	404584.9	3746864.9	0.0	3.49	24.65	3.25
YES								
L0000006	0	0.55518E-02	404632.2	3746841.0	0.0	3.49	24.65	3.25
YES								
L0000007	0	0.55518E-02	404679.5	3746817.1	0.0	3.49	24.65	3.25
YES								
L0000008	0	0.55518E-02	404727.3	3746794.3	0.0	3.49	24.65	3.25
YES								
L0000009	0	0.55518E-02	404775.8	3746773.0	0.0	3.49	24.65	3.25
YES								
L0000010	0	0.55518E-02	404824.4	3746751.8	0.0	3.49	24.65	3.25
YES								
L0000011	0	0.55518E-02	404873.9	3746732.9	0.0	3.49	24.65	3.25

YES								
L0000012	0	0.55518E-02	404924.2	3746716.4	0.0	3.49	24.65	3.25
YES								
L0000013	0	0.55518E-02	404975.4	3746702.9	0.0	3.49	24.65	3.25
YES								
L0000014	0	0.55518E-02	405027.0	3746690.6	0.0	3.49	24.65	3.25
YES								
L0000015	0	0.55518E-02	405078.5	3746678.3	0.0	3.49	24.65	3.25
YES								
L0000016	0	0.55518E-02	405130.7	3746668.8	0.0	3.49	24.65	3.25
YES								
L0000017	0	0.55518E-02	405183.0	3746660.7	0.0	3.49	24.65	3.25
YES								
L0000018	0	0.55518E-02	405235.7	3746655.5	0.0	3.49	24.65	3.25
YES								
L0000019	0	0.55518E-02	405288.6	3746652.7	0.0	3.49	24.65	3.25
YES								
L0000020	0	0.55518E-02	405341.6	3746650.7	0.0	3.49	24.65	3.25
YES								
L0000021	0	0.55518E-02	405394.6	3746650.4	0.0	3.49	24.65	3.25
YES								
L0000022	0	0.55518E-02	405447.6	3746650.1	0.0	3.49	24.65	3.25
YES								
L0000023	0	0.55518E-02	405500.6	3746649.8	0.0	3.49	24.65	3.25
YES								
L0000024	0	0.55518E-02	405553.6	3746649.5	0.0	3.49	24.65	3.25
YES								
L0000025	0	0.55518E-02	405606.6	3746649.2	0.0	3.49	24.65	3.25
YES								
L0000026	0	0.55518E-02	405659.6	3746648.9	0.0	3.49	24.65	3.25
YES								
L0000027	0	0.55518E-02	405712.6	3746648.7	0.0	3.49	24.65	3.25
YES								
L0000028	0	0.55518E-02	405765.6	3746648.4	0.0	3.49	24.65	3.25
YES								
L0000029	0	0.55518E-02	405818.6	3746648.1	0.0	3.49	24.65	3.25
YES								
L0000030	0	0.55518E-02	405871.6	3746647.8	0.0	3.49	24.65	3.25
YES								
L0000031	0	0.55518E-02	405924.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000032	0	0.55518E-02	405977.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000033	0	0.55518E-02	406030.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000034	0	0.55518E-02	406083.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000035	0	0.55518E-02	406136.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000036	0	0.55518E-02	406189.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000037	0	0.55518E-02	406242.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000038	0	0.55518E-02	406295.6	3746647.5	0.0	3.49	24.65	3.25
YES								
L0000039	0	0.55518E-02	406348.6	3746647.3	0.0	3.49	24.65	3.25
YES								
L0000040	0	0.55518E-02	406401.6	3746647.0	0.0	3.49	24.65	3.25
YES								

 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 18:30:12

*** VOLUME SOURCE DATA ***

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

L0000041		0	0.55518E-02	406454.6	3746646.8		0.0	3.49	24.65	3.25
YES										
L0000042		0	0.55518E-02	406507.6	3746646.5		0.0	3.49	24.65	3.25
YES										
L0000043		0	0.55518E-02	406560.6	3746646.3		0.0	3.49	24.65	3.25
YES										
L0000044		0	0.55518E-02	406613.6	3746646.0		0.0	3.49	24.65	3.25
YES										
L0000045		0	0.55518E-02	406666.6	3746645.8		0.0	3.49	24.65	3.25
YES										
L0000046		0	0.55518E-02	406719.6	3746645.5		0.0	3.49	24.65	3.25
YES										
L0000047		0	0.55518E-02	406772.6	3746645.2		0.0	3.49	24.65	3.25
YES										
L0000048		0	0.55518E-02	406825.6	3746645.0		0.0	3.49	24.65	3.25
YES										
L0000049		0	0.55518E-02	406878.6	3746644.7		0.0	3.49	24.65	3.25
YES										
L0000050		0	0.55518E-02	406931.6	3746644.5		0.0	3.49	24.65	3.25
YES										
L0000051		0	0.55518E-02	406984.6	3746644.3		0.0	3.49	24.65	3.25
YES										
L0000052		0	0.55518E-02	407037.6	3746644.2		0.0	3.49	24.65	3.25
YES										
L0000053		0	0.55518E-02	407090.6	3746644.0		0.0	3.49	24.65	3.25
YES										
L0000054		0	0.55518E-02	407143.6	3746643.9		0.0	3.49	24.65	3.25
YES										
L0000055		0	0.55518E-02	407196.6	3746643.8		0.0	3.49	24.65	3.25
YES										
L0000056		0	0.55518E-02	407249.6	3746643.6		0.0	3.49	24.65	3.25
YES										
L0000057		0	0.55518E-02	407302.6	3746643.5		0.0	3.49	24.65	3.25
YES										
L0000058		0	0.55518E-02	407355.6	3746643.3		0.0	3.49	24.65	3.25
YES										
L0000059		0	0.55518E-02	407408.6	3746643.2		0.0	3.49	24.65	3.25
YES										
L0000060		0	0.55518E-02	407461.6	3746643.0		0.0	3.49	24.65	3.25
YES										
L0000061		0	0.55518E-02	407514.6	3746642.9		0.0	3.49	24.65	3.25
YES										
L0000062		0	0.55518E-02	407567.6	3746642.8		0.0	3.49	24.65	3.25
YES										
L0000063		0	0.55518E-02	407620.6	3746642.6		0.0	3.49	24.65	3.25
YES										
L0000064		0	0.55518E-02	407673.6	3746642.5		0.0	3.49	24.65	3.25
YES										
L0000065		0	0.55518E-02	407726.6	3746642.3		0.0	3.49	24.65	3.25
YES										
L0000066		0	0.55518E-02	407779.6	3746642.2		0.0	3.49	24.65	3.25
YES										
L0000067		0	0.55518E-02	407832.6	3746642.0		0.0	3.49	24.65	3.25

YES
L0000068 0 0.55518E-02 407885.6 3746642.2 0.0 3.49 24.65 3.25
YES
L0000069 0 0.55518E-02 407938.6 3746642.4 0.0 3.49 24.65 3.25
YES
L0000070 0 0.55518E-02 407991.6 3746642.5 0.0 3.49 24.65 3.25
YES
L0000071 0 0.55518E-02 408044.6 3746642.7 0.0 3.49 24.65 3.25
YES
L0000072 0 0.55518E-02 408097.6 3746642.9 0.0 3.49 24.65 3.25
YES
L0000073 0 0.55518E-02 408150.6 3746643.1 0.0 3.49 24.65 3.25
YES
L0000074 0 0.55518E-02 408203.6 3746643.2 0.0 3.49 24.65 3.25
YES
L0000075 0 0.55518E-02 408256.6 3746643.4 0.0 3.49 24.65 3.25
YES
L0000076 0 0.55518E-02 408309.6 3746643.6 0.0 3.49 24.65 3.25
YES
L0000077 0 0.55518E-02 408362.6 3746643.8 0.0 3.49 24.65 3.25
YES
L0000078 0 0.55518E-02 408415.6 3746644.0 0.0 3.49 24.65 3.25
YES
L0000079 0 0.55518E-02 408468.6 3746644.1 0.0 3.49 24.65 3.25
YES
L0000080 0 0.55518E-02 408521.6 3746644.3 0.0 3.49 24.65 3.25
YES
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
ID	SCALAR	VARY							
(METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0000081	0	0.55518E-02	408574.6	3746644.5	0.0	3.49	24.65	3.25	
YES									
L0000082	0	0.55518E-02	408627.6	3746644.7	0.0	3.49	24.65	3.25	
YES									
L0000083	0	0.55518E-02	408680.6	3746644.8	0.0	3.49	24.65	3.25	
YES									

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***          07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     ***
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

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*** NETWORK ID: UCART1      ; NETWORK TYPE: GRIDCART ***
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* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		404653.57	404703.57	404753.57	404803.57	404853.57
404953.57		405003.57	405053.57			404903.57
-	-	-	-	-	-	-
-	-	-	-	-	-	-

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

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FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		405103.57	405153.57	405203.57	405253.57	405303.57	405353.57
405403.57		405453.57	405503.57				

3747209.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747159.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747109.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747059.46		0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 18:30:12

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		405553.57	405603.57	405653.57	405703.57	405753.57	405803.57
405853.57		405903.57	405953.57				

3747209.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747159.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747109.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747059.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747009.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746959.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746909.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746859.46		0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

*** AERMOD - VERSION 22112 ***
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
*** 18:30:12

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		406003.57	406053.57	406103.57	406153.57	406203.57
406303.57		406353.57	406403.57			406253.57

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746659.46		0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 18:30:12

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		406453.57	406503.57	406553.57	406603.57	406653.57	406703.57
406753.57		406803.57	406853.57				

3747209.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747159.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747109.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747059.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747009.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746959.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746909.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746859.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746809.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746759.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746709.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746659.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746609.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746559.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746509.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746459.46		0.00	0.00	0.00	0.00	0.00	0.00

0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

PAGE 14
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407203.57	406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00

0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
407653.57	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

PAGE 16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408103.57	407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
	408153.57	408203.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

18:30:12

PAGE 17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408553.57	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
	408603.57	408653.57				

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

PAGE 18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 408703.57 408753.57 408803.57 408853.57 408903.57

3747209.46 | 0.00 0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00


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FF *** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***          07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     ***          18:30:12
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Y-COORD	X-COORD (METERS)					
(METERS)	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57	404553.57	404603.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

RF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 18:30:12

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57		405003.57	405053.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

RF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)					
(METERS)	405103.57	405153.57	405203.57	405253.57	405303.57	405353.57
405403.57	405453.57	405503.57				

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
405853.57	405553.57	405603.57	405653.57	405703.57	405753.57	405803.57
	405903.57	405953.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** *** 18:30:12

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
406303.57	406003.57	406053.57	406103.57	406153.57	406203.57	406253.57
	406353.57	406403.57				


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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***
***      18:30:12

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

* HILL HEIGHT SCALES IN METERS *

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

 *** AERMOD - VERSION 22112 ***

GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

18:30:12

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)						
407653.57	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
	407703.57	407753.57				
3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

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3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408103.57	408153.57	408203.57	407903.57	407953.57	408003.57	408053.57

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00	0.00	0.00	0.00


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3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
* HILL HEIGHT SCALES IN METERS *
```

Y-COORD (METERS)					X-COORD (METERS)	
	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
408553.57	408603.57	408653.57				

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			

PR *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 18:30:12

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)				X-COORD (METERS)	
	408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00

PR *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 18:30:12

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 * LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
L0000001	404403.6	3746909.5	-1.45
L0000001	404353.6	3746959.5	-10.96
L0000001	404403.6	3746959.5	-44.97
L0000001	404403.6	3747009.5	-3.28
L0000002	404403.6	3746909.5	-5.25
L0000002	404453.6	3746909.5	-23.92
L0000002	404403.6	3746959.5	-7.45
L0000002	404453.6	3746959.5	-27.69
L0000003	404453.6	3746909.5	-16.20
L0000003	404503.6	3746909.5	-39.28
L0000003	404503.6	3746959.5	-4.30
L0000004	404503.6	3746859.5	-8.14

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*** AERMOT - VERSION 22112 ***
GP\14635 CONS 07/06/23
*** AERMET - VERSION 16216 ***
***
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*** 18:30:12

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

SOURCE	- - RECEPTOR LOCATION - -	DISTANCE
ID	XR (METERS) YR (METERS)	(METERS)
L0000011	404853.6 3746759.5	-19.57
L0000011	404903.6 3746759.5	-13.16
L0000012	404903.6 3746709.5	-31.19
L0000012	404953.6 3746709.5	-22.86
L0000012	404903.6 3746759.5	-5.25
L0000012	404953.6 3746759.5	-0.91
L0000013	404953.6 3746659.5	-4.40
L0000013	405003.6 3746659.5	-1.28
L0000013	404953.6 3746709.5	-30.15
L0000013	405003.6 3746709.5	-24.10
L0000014	405003.6 3746659.5	-14.07
L0000014	405053.6 3746659.5	-12.09
L0000014	405003.6 3746709.5	-22.90
L0000014	405053.6 3746709.5	-20.38
L0000015	405053.6 3746659.5	-21.74
L0000015	405103.6 3746659.5	-21.70
L0000015	405053.6 3746709.5	-13.03
L0000015	405103.6 3746709.5	-13.00
L0000016	405103.6 3746659.5	-24.33
L0000016	405153.6 3746659.5	-28.25
L0000016	405103.6 3746709.5	-4.16

L0000016	405153.6	3746709.5	-6.36
L0000017	405153.6	3746659.5	-23.50
L0000017	405203.6	3746659.5	-32.43
L0000017	405203.6	3746709.5	-0.11
L0000018	405253.6	3746609.5	-3.59
L0000018	405203.6	3746659.5	-20.61
L0000018	405253.6	3746659.5	-34.72
L0000019	405303.6	3746609.5	-7.23
L0000019	405253.6	3746659.5	-17.28
L0000019	405303.6	3746659.5	-36.62
L0000020	405353.6	3746609.5	-10.08
L0000020	405303.6	3746659.5	-13.98
L0000020	405353.6	3746659.5	-38.14
L0000021	405403.6	3746609.5	-11.09
L0000021	405353.6	3746659.5	-10.99
L0000021	405403.6	3746659.5	-40.23
L0000022	405453.6	3746609.5	-11.92
L0000022	405403.6	3746659.5	-7.99
L0000022	405453.6	3746659.5	-41.89

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FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
***
***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 * LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000023	405503.6 3746609.5	-12.54
L0000023	405453.6 3746659.5	-5.00
L0000023	405503.6 3746659.5	-42.90
L0000023	405553.6 3746659.5	0.86
L0000024	405553.6 3746609.5	-12.93
L0000024	405503.6 3746659.5	-2.00
L0000024	405553.6 3746659.5	-43.06
L0000024	405603.6 3746659.5	-2.04
L0000025	405603.6 3746609.5	-13.11
L0000025	405603.6 3746659.5	-42.34
L0000025	405653.6 3746659.5	-4.91
L0000026	405653.6 3746609.5	-13.05
L0000026	405653.6 3746659.5	-40.88
L0000026	405703.6 3746659.5	-7.77
L0000027	405703.6 3746609.5	-12.78
L0000027	405703.6 3746659.5	-38.93
L0000027	405753.6 3746659.5	-10.61
L0000028	405753.6 3746609.5	-12.27
L0000028	405753.6 3746659.5	-36.65
L0000028	405803.6 3746659.5	-13.43
L0000029	405803.6 3746609.5	-11.56
L0000029	405853.6 3746609.5	-0.89
L0000029	405803.6 3746659.5	-34.16
L0000029	405853.6 3746659.5	-16.21
L0000030	405853.6 3746609.5	-10.64
L0000030	405903.6 3746609.5	-3.07
L0000030	405853.6 3746659.5	-31.54
L0000030	405903.6 3746659.5	-18.95
L0000031	405903.6 3746609.5	-9.44
L0000031	405953.6 3746609.5	-5.08

L0000031	405903.6	3746659.5	-28.88
L0000031	405953.6	3746659.5	-21.68
L0000032	405953.6	3746609.5	-7.92
L0000032	406003.6	3746609.5	-6.84
L0000032	405953.6	3746659.5	-26.22
L0000032	406003.6	3746659.5	-24.44
L0000033	406003.6	3746609.5	-6.25
L0000033	406053.6	3746609.5	-8.46
L0000033	406003.6	3746659.5	-23.50
L0000033	406053.6	3746659.5	-27.14

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000034	406053.6 3746609.5	-4.46
L0000034	406103.6 3746609.5	-9.93
L0000034	406053.6 3746659.5	-20.73
L0000034	406103.6 3746659.5	-29.76
L0000035	406103.6 3746609.5	-2.55
L0000035	406153.6 3746609.5	-11.23
L0000035	406103.6 3746659.5	-17.92
L0000035	406153.6 3746659.5	-32.29
L0000036	406153.6 3746609.5	-0.53
L0000036	406203.6 3746609.5	-12.36
L0000036	406153.6 3746659.5	-15.09
L0000036	406203.6 3746659.5	-34.67
L0000037	406253.6 3746609.5	-13.29
L0000037	406203.6 3746659.5	-12.23
L0000037	406253.6 3746659.5	-36.84
L0000038	406303.6 3746609.5	-14.08
L0000038	406253.6 3746659.5	-9.33
L0000038	406303.6 3746659.5	-38.66
L0000039	406353.6 3746609.5	-14.84
L0000039	406303.6 3746659.5	-6.37
L0000039	406353.6 3746659.5	-39.85
L0000040	406403.6 3746609.5	-15.37
L0000040	406353.6 3746659.5	-3.41
L0000040	406403.6 3746659.5	-40.42
L0000040	406453.6 3746659.5	0.46
L0000041	406453.6 3746609.5	-15.66
L0000041	406403.6 3746659.5	-0.44
L0000041	406453.6 3746659.5	-40.28
L0000041	406503.6 3746659.5	-2.39
L0000042	406503.6 3746609.5	-15.72
L0000042	406503.6 3746659.5	-39.45
L0000042	406553.6 3746659.5	-5.22
L0000043	406553.6 3746609.5	-15.53
L0000043	406553.6 3746659.5	-38.06
L0000043	406603.6 3746659.5	-8.03
L0000044	406603.6 3746609.5	-15.10
L0000044	406603.6 3746659.5	-36.23
L0000044	406653.6 3746659.5	-10.80
L0000045	406653.6 3746609.5	-14.44

 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000045	406653.6 3746659.5	-34.10
L0000045	406703.6 3746659.5	-13.55
L0000046	406703.6 3746609.5	-13.56
L0000046	406753.6 3746609.5	-3.46
L0000046	406703.6 3746659.5	-31.76
L0000046	406753.6 3746659.5	-16.25
L0000047	406753.6 3746609.5	-12.48
L0000047	406803.6 3746609.5	-5.66
L0000047	406753.6 3746659.5	-29.26
L0000047	406803.6 3746659.5	-18.90
L0000048	406803.6 3746609.5	-11.21
L0000048	406853.6 3746609.5	-7.77
L0000048	406803.6 3746659.5	-26.66
L0000048	406853.6 3746659.5	-21.48
L0000049	406853.6 3746609.5	-9.76
L0000049	406903.6 3746609.5	-9.77
L0000049	406853.6 3746659.5	-23.98
L0000049	406903.6 3746659.5	-23.99
L0000050	406903.6 3746609.5	-8.16
L0000050	406953.6 3746609.5	-11.65
L0000050	406903.6 3746659.5	-21.24
L0000050	406953.6 3746659.5	-26.38
L0000051	406953.6 3746609.5	-6.34
L0000051	407003.6 3746609.5	-13.29
L0000051	406953.6 3746659.5	-18.50
L0000051	407003.6 3746659.5	-28.71
L0000052	407003.6 3746609.5	-4.40
L0000052	407053.6 3746609.5	-14.77
L0000052	407003.6 3746659.5	-15.72
L0000052	407053.6 3746659.5	-30.88
L0000053	407053.6 3746609.5	-2.35
L0000053	407103.6 3746609.5	-16.06
L0000053	407053.6 3746659.5	-12.91
L0000053	407103.6 3746659.5	-32.83
L0000054	407103.6 3746609.5	-0.21
L0000054	407153.6 3746609.5	-17.14
L0000054	407103.6 3746659.5	-10.07
L0000054	407153.6 3746659.5	-34.50
L0000055	407203.6 3746609.5	-18.00
L0000055	407153.6 3746659.5	-7.22

 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
L0000055	407203.6	3746659.5	-35.80
L0000056	407253.6	3746609.5	-18.61
L0000056	407203.6	3746659.5	-4.34
L0000056	407253.6	3746659.5	-36.65
L0000057	407303.6	3746609.5	-18.97
L0000057	407253.6	3746659.5	-1.45
L0000057	407303.6	3746659.5	-36.98
L0000057	407353.6	3746659.5	0.45
L0000058	407353.6	3746609.5	-19.07
L0000058	407353.6	3746659.5	-36.74
L0000058	407403.6	3746659.5	-2.36
L0000059	407403.6	3746609.5	-18.90
L0000059	407403.6	3746659.5	-35.97
L0000059	407453.6	3746659.5	-5.15
L0000060	407453.6	3746609.5	-18.48
L0000060	407503.6	3746609.5	0.78
L0000060	407453.6	3746659.5	-34.73
L0000060	407503.6	3746659.5	-7.91
L0000061	407503.6	3746609.5	-17.79
L0000061	407553.6	3746609.5	-1.63
L0000061	407503.6	3746659.5	-33.11
L0000061	407553.6	3746659.5	-10.63
L0000062	407553.6	3746609.5	-16.88
L0000062	407603.6	3746609.5	-3.96
L0000062	407553.6	3746659.5	-31.20
L0000062	407603.6	3746659.5	-13.31
L0000063	407603.6	3746609.5	-15.74
L0000063	407653.6	3746609.5	-6.22
L0000063	407603.6	3746659.5	-29.06
L0000063	407653.6	3746659.5	-15.95
L0000064	407653.6	3746609.5	-14.40
L0000064	407703.6	3746609.5	-8.39
L0000064	407653.6	3746659.5	-26.75
L0000064	407703.6	3746659.5	-18.52
L0000065	407703.6	3746609.5	-12.88
L0000065	407753.6	3746609.5	-10.46
L0000065	407703.6	3746659.5	-24.32
L0000065	407753.6	3746659.5	-21.02
L0000066	407753.6	3746609.5	-11.20
L0000066	407803.6	3746609.5	-12.42

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** 18:30:12

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE	- - RECEPTOR LOCATION - -		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)

[illegible]

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

SOURCE	- - RECEPTOR LOCATION - -		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0000077	408353.6	3746659.5	-34.92
L0000077	408403.6	3746659.5	-9.10
L0000078	408403.6	3746609.5	-16.48
L0000078	408453.6	3746609.5	-1.68
L0000078	408403.6	3746659.5	-33.39
L0000078	408453.6	3746659.5	-11.95
L0000079	408453.6	3746609.5	-15.22
L0000079	408503.6	3746609.5	-3.73
L0000079	408453.6	3746659.5	-31.55


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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***      07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 18:30:12
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[illegible]

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P *** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***          07/06/23
*** AERMET - VERSION 16216 ***
***                                     ***           18:30:12

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Met

Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_V9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166
Name: UNKNOWN
UNKNOWN
Year: 2012

Upper air station no.: 3190
Name:
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	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96		
322.				10.1	283.8	2.0											
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52		
13.				10.1	283.1	2.0											
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
73.				10.1	282.0	2.0											
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91		
98.				10.1	281.4	2.0											
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00		
0.				10.1	280.9	2.0											
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55		
80.				10.1	280.4	2.0											
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69		
201.				10.1	280.4	2.0											
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52		
72.				10.1	280.9	2.0											
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00		
0.				10.1	285.9	2.0											
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79		
268.				10.1	289.9	2.0											
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70		
273.				10.1	294.2	2.0											
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74		
230.				10.1	297.5	2.0											
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20		
227.				10.1	300.4	2.0											
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47		
233.				10.1	300.9	2.0											
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20		
233.				10.1	302.0	2.0											
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91		
229.				10.1	298.1	2.0											
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37		
212.				10.1	294.2	2.0											
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91		
190.				10.1	292.0	2.0											
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70		
302.				10.1	289.2	2.0											
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87		
338.				10.1	288.1	2.0											
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11		
304.				10.1	287.0	2.0											
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
76.				10.1	285.4	2.0											
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62		
306.				10.1	284.9	2.0											
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82		

318. 10.1 283.8 2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)	404203.57	404253.57	404303.57
404353.57	404403.57		

3747209.5	1.06266 (12052806)	1.20488 (14062706)	1.36863 (14062706)
1.40933 (12052806)	1.51351 (12052806)		
3747159.5	1.22258 (13032208)	1.31996 (12052806)	1.66403 (14062706)
1.71225 (14062706)	1.81972 (12052806)		
3747109.5	1.89230 (13052506)	1.68483 (13032208)	1.92609 (14062706)
2.33207 (14062706)	2.31948 (12052806)		
3747059.5	2.96760 (13052506)	3.07177 (13052506)	2.83926 (13052506)
3.29792 (14062706)	3.31420 (12052806)		
3747009.5	3.54398 (13052506)	4.48783 (13052506)	5.64988 (13052506)
6.66351 (13052506)	4.04096 (14062706)		
3746959.5	3.30718 (13121916)	4.10306 (13121916)	6.17426 (13052506)
6.65663 (13052506)	5.90124 (13052506)		
3746909.5	3.12724 (13121916)	3.73650 (13121916)	4.68283 (13121916)
6.42431 (13121916)	6.32763 (13052506)		
3746859.5	2.56739 (13121916)	2.92586 (13121916)	3.39689 (13121916)
4.06166 (13121916)	5.12800 (12052806)		
3746809.5	2.03444 (13121916)	2.28024 (13121916)	2.58506 (13121916)
2.97345 (13121916)	3.64860 (12052806)		
3746759.5	1.55748 (13121916)	1.73039 (13121916)	1.97292 (12052806)
2.37750 (12052806)	2.87735 (12052806)		
3746709.5	1.31929 (12052806)	1.51618 (12052806)	1.75742 (12052806)
2.04870 (12052806)	2.39358 (12052806)		
3746659.5	1.23483 (12052806)	1.39461 (12052806)	1.58335 (12052806)
1.80357 (12052806)	2.05681 (12052806)		
3746609.5	1.15670 (12052806)	1.28838 (12052806)	1.43984 (12052806)
1.61226 (12052806)	1.80629 (12052806)		
3746559.5	1.08529 (12052806)	1.19533 (12052806)	1.31936 (12052806)
1.45794 (12052806)	1.61127 (12052806)		

3746509.5		1.02033 (12052806)	1.11340 (12052806)	1.21666 (12052806)
1.33033 (12052806)		1.45440 (12052806)		
3746459.5		0.96127 (12052806)	1.04084 (12052806)	1.12799 (12052806)
1.22275 (12052806)		1.32504 (12052806)		
3746409.5		0.90754 (12052806)	0.97620 (12052806)	1.05059 (12052806)
1.13068 (12052806)		1.21631 (12052806)		
3746359.5		0.85856 (12052806)	0.91829 (12052806)	0.98242 (12052806)
1.05087 (12052806)		1.12348 (12052806)		
3746309.5		0.81381 (12052806)	0.86615 (12052806)	0.92191 (12052806)
0.98099 (12052806)		1.04324 (12052806)		
3746259.5		0.77281 (12052806)	0.81897 (12052806)	0.86782 (12052806)
0.91926 (12052806)		0.97313 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD				X-COORD (METERS)
(METERS)		404453.57	404503.57	404553.57
404603.57		404653.57		

3747209.5		1.59455 (12052806)	1.64862 (12052806)	1.67821 (12052806)
1.68890 (12052806)		1.68660 (12052806)		
3747159.5		1.92669 (12052806)	1.98283 (12052806)	1.99870 (12052806)
1.98834 (12052806)		1.96310 (12052806)		
3747109.5		2.46236 (12052806)	2.49790 (12052806)	2.46853 (12052806)
2.40850 (12052806)		2.33737 (12052806)		
3747059.5		3.47552 (14120316)	3.37418 (12052806)	3.20567 (12052806)
3.02868 (12052806)		2.86485 (12052806)		
3747009.5		6.08828 (14120316)	5.08728 (12052806)	4.47782 (12052806)
4.01269 (12052806)		3.65245 (12052806)		
3746959.5		7.39131 (13052506)	6.40059 (12052806)	7.10153 (12052806)
5.78779 (12052806)		4.94864 (12052806)		
3746909.5		7.08737 (13052506)	6.45306 (13052506)	8.36384 (12052806)
7.01771 (12052806)		7.54623 (12052806)		
3746859.5		7.34157 (12052806)	7.43766 (12052806)	7.39148 (13052506)
6.76557 (13052506)		6.00694 (12052806)		
3746809.5		4.67407 (12052806)	6.03155 (12052806)	8.03748 (12052806)
7.74294 (12052806)		7.52544 (13052506)		
3746759.5		3.48164 (12052806)	4.21586 (12052806)	5.14375 (12052806)
6.40396 (12052806)		8.31380 (12052806)		
3746709.5		2.79552 (12052806)	3.26265 (12052806)	3.81346 (12052806)
4.48292 (12052806)		5.33113 (12052806)		
3746659.5		2.34441 (12052806)	2.66923 (12052806)	3.03738 (12052806)
3.45962 (12052806)		3.95245 (12052806)		

3746609.5 | 2.02237 (12052806) 2.26142 (12052806) 2.52540 (12052806)
2.81775 (12052806) 3.14348 (12052806)
3746559.5 | 1.77941 (12052806) 1.96246 (12052806) 2.16087 (12052806)
2.37553 (12052806) 2.60773 (12052806)
3746509.5 | 1.58873 (12052806) 1.73311 (12052806) 1.88742 (12052806)
2.05159 (12052806) 2.22564 (12052806)
3746459.5 | 1.43462 (12052806) 1.55118 (12052806) 1.67436 (12052806)
1.80379 (12052806) 1.93906 (12052806)
3746409.5 | 1.30722 (12052806) 1.40309 (12052806) 1.50350 (12052806)
1.60799 (12052806) 1.71604 (12052806)
3746359.5 | 1.19999 (12052806) 1.28007 (12052806) 1.36333 (12052806)
1.44932 (12052806) 1.53754 (12052806)
3746309.5 | 1.10839 (12052806) 1.17617 (12052806) 1.24621 (12052806)
1.31812 (12052806) 1.39143 (12052806)
3746259.5 | 1.02920 (12052806) 1.08721 (12052806) 1.14687 (12052806)
1.20780 (12052806) 1.26963 (12052806)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 404703.57 404753.57 404803.57
404853.57 404903.57
- - - - -
- - - - -

3747209.5 | 1.67614 (12052806) 1.66112 (12052806) 1.64403 (12052806)
1.62652 (12052806) 1.60966 (12052806)
3747159.5 | 1.93064 (12052806) 1.89574 (12052806) 1.86130 (12052806)
1.82893 (12052806) 1.79951 (12052806)
3747109.5 | 2.26525 (12052806) 2.19708 (12052806) 2.13511 (12052806)
2.08016 (12052806) 2.03230 (12052806)
3747059.5 | 2.72024 (12052806) 2.59547 (12052806) 2.48916 (12052806)
2.39933 (12052806) 2.32394 (12052806)
3747009.5 | 3.36924 (12052806) 3.14407 (12052806) 2.96354 (12052806)
2.81793 (12052806) 2.70009 (12052806)
3746959.5 | 4.36876 (12052806) 3.94858 (12052806) 3.63401 (12052806)
3.39305 (12052806) 3.20582 (12052806)
3746909.5 | 6.13947 (12052806) 5.26196 (12052806) 4.66723 (12052806)
4.24235 (12052806) 3.92956 (12052806)
3746859.5 | 7.36784 (12052806) 7.91488 (12052806) 6.53110 (12052806)
5.65998 (12052806) 5.07553 (12052806)
3746809.5 | 7.13780 (13052506) 6.12538 (12052806) 7.91761 (12052806)
8.68271 (12052806) 7.26303 (12052806)
3746759.5 | 7.76556 (12052806) 7.72234 (13121916) 7.30976 (13052506)
6.68182 (13052506) 6.12665 (12052806)

3746709.5		6.46054	(12052806)	8.07319	(12052806)	7.44457	(12052806)
7.59164	(13121916)	7.68617	(13121916)				
3746659.5		4.53973	(12052806)	5.25753	(12052806)	6.16031	(12052806)
7.31830	(12052806)	8.82371	(12052806)				
3746609.5		3.50912	(12052806)	3.92260	(12052806)	4.39212	(12052806)
4.92316	(12052806)	5.51655	(12052806)				
3746559.5		2.85897	(12052806)	3.13057	(12052806)	3.42297	(12052806)
3.73494	(12052806)	4.06352	(12052806)				
3746509.5		2.40948	(12052806)	2.60273	(12052806)	2.80442	(12052806)
3.01284	(12052806)	3.22560	(12052806)				
3746459.5		2.07960	(12052806)	2.22466	(12052806)	2.37316	(12052806)
2.52366	(12052806)	2.67442	(12052806)				
3746409.5		1.82702	(12052806)	1.94016	(12052806)	2.05452	(12052806)
2.16898	(12052806)	2.28228	(12052806)				
3746359.5		1.62739	(12052806)	1.71820	(12052806)	1.80921	(12052806)
1.89955	(12052806)	1.98829	(12052806)				
3746309.5		1.46564	(12052806)	1.54018	(12052806)	1.61444	(12052806)
1.68776	(12052806)	1.75943	(12052806)				
3746259.5		1.33193	(12052806)	1.39423	(12052806)	1.45604	(12052806)
1.51685	(12052806)	1.57612	(12052806)				

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD				X-COORD (METERS)
(METERS)		404953.57	405003.57	405053.57
405103.57		405153.57		

3747209.5		1.59409	(12052806)	1.58018	(12052806)	1.56809	(12052806)
1.55787	(12052806)	1.54948	(12052806)				
3747159.5		1.77344	(12052806)	1.75080	(12052806)	1.73152	(12052806)
1.71542	(12052806)	1.70227	(12052806)				
3747109.5		1.99121	(12052806)	1.95639	(12052806)	1.92725	(12052806)
1.90323	(12052806)	1.88377	(12052806)				
3747059.5		2.26105	(12052806)	2.20894	(12052806)	2.16609	(12052806)
2.13122	(12052806)	2.10323	(12052806)				
3747009.5		2.60460	(12052806)	2.52726	(12052806)	2.46477	(12052806)
2.41460	(12052806)	2.37478	(12052806)				
3746959.5		3.05897	(12052806)	2.94299	(12052806)	2.85104	(12052806)
2.77827	(12052806)	2.72123	(12052806)				
3746909.5		3.69449	(12052806)	3.51459	(12052806)	3.37503	(12052806)
3.26632	(12052806)	3.18233	(12052806)				
3746859.5		4.66518	(12052806)	4.36520	(12052806)	4.13881	(12052806)
3.96583	(12052806)	3.83477	(12052806)				

3746809.5		6.39603	(12052806)	5.81286	(12052806)	5.39135	(12052806)
5.07906	(12052806)	4.85036	(12052806)				
3746759.5		7.95382	(12052806)	9.05215	(12052806)	7.96521	(12052806)
7.22231	(12052806)	6.72233	(12052806)				
3746709.5		7.31649	(13121916)	6.70183	(13121916)	6.37069	(12052806)
6.23755	(12052806)	8.45270	(12052806)				
3746659.5		7.66230	(12052806)	6.18972	(13121916)	6.51521	(13121916)
6.60501	(13121916)	6.56204	(12052806)				
3746609.5		6.17239	(12052806)	6.90594	(12052806)	7.75082	(12052806)
8.68185	(12052806)	9.65671	(12052806)				
3746559.5		4.40553	(12052806)	4.75960	(12052806)	5.12341	(12052806)
5.48593	(12052806)	5.82951	(12052806)				
3746509.5		3.44011	(12052806)	3.65378	(12052806)	3.86319	(12052806)
4.06290	(12052806)	4.24569	(12052806)				
3746459.5		2.82355	(12052806)	2.96902	(12052806)	3.10843	(12052806)
3.23887	(12052806)	3.35707	(12052806)				
3746409.5		2.39305	(12052806)	2.49986	(12052806)	2.60114	(12052806)
2.69523	(12052806)	2.78049	(12052806)				
3746359.5		2.07444	(12052806)	2.15701	(12052806)	2.23496	(12052806)
2.30729	(12052806)	2.37310	(12052806)				
3746309.5		1.82874	(12052806)	1.89497	(12052806)	1.95744	(12052806)
2.01550	(12052806)	2.06862	(12052806)				
3746259.5		1.63332	(12052806)	1.68794	(12052806)	1.73949	(12052806)
1.78756	(12052806)	1.83179	(12052806)				

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD				X-COORD (METERS)
(METERS)		405203.57	405253.57	405303.57
405353.57		405403.57		

3747209.5		1.54281	(12052806)	1.53775	(12052806)	1.53411	(12052806)
1.53173	(12052806)	1.53043	(12052806)				
3747159.5		1.69180	(12052806)	1.68373	(12052806)	1.67778	(12052806)
1.67364	(12052806)	1.67103	(12052806)				
3747109.5		1.86833	(12052806)	1.85642	(12052806)	1.84754	(12052806)
1.84123	(12052806)	1.83705	(12052806)				
3747059.5		2.08120	(12052806)	2.06427	(12052806)	2.05167	(12052806)
2.04267	(12052806)	2.03659	(12052806)				
3747009.5		2.34373	(12052806)	2.32009	(12052806)	2.30264	(12052806)
2.29024	(12052806)	2.28187	(12052806)				
3746959.5		2.67730	(12052806)	2.64430	(12052806)	2.62029	(12052806)
2.60349	(12052806)	2.59229	(12052806)				

3746909.5		3.11868 (12052806)	3.07179 (12052806)	3.03844 (12052806)
3.01568 (12052806)		3.00090 (12052806)		
3746859.5		3.73771 (12052806)	3.66818 (12052806)	3.62035 (12052806)
3.58896 (12052806)		3.56941 (12052806)		
3746809.5		4.68703 (12052806)	4.57492 (12052806)	4.50148 (12052806)
4.45592 (12052806)		4.42939 (12052806)		
3746759.5		6.38657 (12052806)	6.17220 (12052806)	6.04134 (12052806)
5.96597 (12052806)		5.92722 (12052806)		
3746709.5		7.95511 (12052806)	10.02231 (12052806)	9.68070 (12052806)
9.49244 (12052806)		9.42727 (12052806)		
3746659.5		6.68183 (16112016)	7.08559 (16112016)	7.33061 (16112016)
7.53453 (16112016)		7.73191 (16112016)		
3746609.5		10.57817 (12052806)	8.28340 (12052806)	8.39871 (12052806)
8.39259 (12052806)		8.39160 (12052806)		
3746559.5		6.13022 (12052806)	6.36641 (12052806)	6.53688 (12052806)
6.65002 (12052806)		6.71721 (12052806)		
3746509.5		4.40389 (12052806)	4.53216 (12052806)	4.63015 (12052806)
4.70134 (12052806)		4.75160 (12052806)		
3746459.5		3.46004 (12052806)	3.54600 (12052806)	3.61498 (12052806)
3.66867 (12052806)		3.70989 (12052806)		
3746409.5		2.85558 (12052806)	2.91979 (12052806)	2.97325 (12052806)
3.01687 (12052806)		3.05214 (12052806)		
3746359.5		2.43171 (12052806)	2.48282 (12052806)	2.52654 (12052806)
2.56342 (12052806)		2.59428 (12052806)		
3746309.5		2.11643 (12052806)	2.15877 (12052806)	2.19575 (12052806)
2.22769 (12052806)		2.25510 (12052806)		
3746259.5		1.87197 (12052806)	1.90802 (12052806)	1.94000 (12052806)
1.96812 (12052806)		1.99271 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)		405453.57 405503.57 405553.57	
405603.57		405653.57	

3747209.5		1.53002 (12052806)	1.53034 (12052806)	1.53122 (12052806)
1.53252 (12052806)		1.53413 (12052806)		
3747159.5		1.66967 (12052806)	1.66931 (12052806)	1.66972 (12052806)
1.67071 (12052806)		1.67212 (12052806)		
3747109.5		1.83458 (12052806)	1.83345 (12052806)	1.83335 (12052806)
1.83401 (12052806)		1.83521 (12052806)		
3747059.5		2.03283 (12052806)	2.03085 (12052806)	2.03020 (12052806)
2.03050 (12052806)		2.03148 (12052806)		

3747009.5	2.27661 (12052806)	2.27368 (12052806)	2.27244 (12052806)
2.27239 (12052806)	2.27314 (12052806)		
3746959.5	2.58529 (12052806)	2.58131 (12052806)	2.57945 (12052806)
2.57903 (12052806)	2.57953 (12052806)		
3746909.5	2.99185 (12052806)	2.98673 (12052806)	2.98420 (12052806)
2.98334 (12052806)	2.98351 (12052806)		
3746859.5	3.55787 (12052806)	3.55143 (12052806)	3.54810 (12052806)
3.54659 (12052806)	3.54616 (12052806)		
3746809.5	4.41461 (12052806)	4.40639 (12052806)	4.40169 (12052806)
4.39885 (12052806)	4.39698 (12052806)		
3746759.5	5.90716 (12052806)	5.89521 (12052806)	5.88677 (12052806)
5.87991 (12052806)	5.87376 (12052806)		
3746709.5	9.39264 (12052806)	9.36481 (12052806)	9.33832 (12052806)
9.31162 (12052806)	9.28437 (12052806)		
3746659.5	7.98820 (16112016)	8.28036 (16112016)	8.97662 (13121916)
8.62822 (13121916)	8.31652 (13121916)		
3746609.5	8.37671 (12052806)	8.37518 (12052806)	8.39265 (12052806)
8.43155 (12052806)	8.49352 (12052806)		
3746559.5	6.76189 (12052806)	6.79701 (12052806)	6.82743 (12052806)
6.85515 (12052806)	6.88104 (12052806)		
3746509.5	4.78811 (12052806)	4.81651 (12052806)	4.84006 (12052806)
4.86050 (12052806)	4.87878 (12052806)		
3746459.5	3.74187 (12052806)	3.76741 (12052806)	3.78856 (12052806)
3.80662 (12052806)	3.82242 (12052806)		
3746409.5	3.08072 (12052806)	3.10422 (12052806)	3.12391 (12052806)
3.14075 (12052806)	3.15537 (12052806)		
3746359.5	2.62010 (12052806)	2.64184 (12052806)	2.66034 (12052806)
2.67626 (12052806)	2.69013 (12052806)		
3746309.5	2.27857 (12052806)	2.29873 (12052806)	2.31612 (12052806)
2.33124 (12052806)	2.34447 (12052806)		
3746259.5	2.01415 (12052806)	2.03285 (12052806)	2.04920 (12052806)
2.06355 (12052806)	2.07619 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF NOX IN **
MICROGRAMS/M**3

Y-COORD			X-COORD (METERS)
(METERS)	405703.57	405753.57	405803.57
405853.57	405903.57		

3747209.5	1.53594 (12052806)	1.53786 (12052806)	1.53982 (12052806)
1.54176 (12052806)	1.54364 (12052806)		
3747159.5	1.67380 (12052806)	1.67565 (12052806)	1.67758 (12052806)
1.67952 (12052806)	1.68141 (12052806)		

3747109.5	1.83676 (12052806)	1.83854 (12052806)	1.84044 (12052806)
1.84237 (12052806)	1.84428 (12052806)		
3747059.5	2.03291 (12052806)	2.03462 (12052806)	2.03648 (12052806)
2.03840 (12052806)	2.04032 (12052806)		
3747009.5	2.27443 (12052806)	2.27605 (12052806)	2.27785 (12052806)
2.27975 (12052806)	2.28166 (12052806)		
3746959.5	2.58064 (12052806)	2.58211 (12052806)	2.58381 (12052806)
2.58561 (12052806)	2.58747 (12052806)		
3746909.5	2.98432 (12052806)	2.98551 (12052806)	2.98694 (12052806)
2.98853 (12052806)	2.99023 (12052806)		
3746859.5	3.54634 (12052806)	3.54689 (12052806)	3.54769 (12052806)
3.54874 (12052806)	3.55004 (12052806)		
3746809.5	4.39563 (12052806)	4.39457 (12052806)	4.39380 (12052806)
4.39343 (12052806)	4.39370 (12052806)		
3746759.5	5.86791 (12052806)	5.86224 (12052806)	5.85687 (12052806)
5.85229 (12052806)	5.84943 (12052806)		
3746709.5	9.25656 (12052806)	9.22859 (12052806)	9.20104 (12052806)
9.17550 (12052806)	9.15707 (12052806)		
3746659.5	8.02773 (13121916)	7.75944 (13121916)	7.50992 (13121916)
7.27882 (13121916)	7.06513 (13121916)		
3746609.5	8.57962 (12052806)	8.69100 (12052806)	8.82836 (12052806)
6.22801 (12052806)	6.20635 (12052806)		
3746559.5	6.90554 (12052806)	6.92884 (12052806)	6.95084 (12052806)
6.97084 (12052806)	6.98694 (12052806)		
3746509.5	4.89540 (12052806)	4.91062 (12052806)	4.92446 (12052806)
4.93674 (12052806)	4.94706 (12052806)		
3746459.5	3.83646 (12052806)	3.84901 (12052806)	3.86023 (12052806)
3.87013 (12052806)	3.87867 (12052806)		
3746409.5	3.16824 (12052806)	3.17963 (12052806)	3.18974 (12052806)
3.19866 (12052806)	3.20645 (12052806)		
3746359.5	2.70230 (12052806)	2.71305 (12052806)	2.72257 (12052806)
2.73098 (12052806)	2.73839 (12052806)		
3746309.5	2.35612 (12052806)	2.36642 (12052806)	2.37554 (12052806)
2.38364 (12052806)	2.39080 (12052806)		
3746259.5	2.08737 (12052806)	2.09729 (12052806)	2.10611 (12052806)
2.11395 (12052806)	2.12091 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)	405953.57	406003.57
406103.57	406153.57	406053.57

3747209.5		1.54542 (12052806)	1.54706 (12052806)	1.54854 (12052806)
1.54984	(12052806)	1.55093 (12052806)		
3747159.5		1.68321 (12052806)	1.68488 (12052806)	1.68639 (12052806)
1.68771	(12052806)	1.68882 (12052806)		
3747109.5		1.84610 (12052806)	1.84781 (12052806)	1.84935 (12052806)
1.85070	(12052806)	1.85184 (12052806)		
3747059.5		2.04217 (12052806)	2.04390 (12052806)	2.04548 (12052806)
2.04687	(12052806)	2.04802 (12052806)		
3747009.5		2.28352 (12052806)	2.28528 (12052806)	2.28690 (12052806)
2.28832	(12052806)	2.28949 (12052806)		
3746959.5		2.58932 (12052806)	2.59111 (12052806)	2.59276 (12052806)
2.59421	(12052806)	2.59541 (12052806)		
3746909.5		2.99200 (12052806)	2.99378 (12052806)	2.99546 (12052806)
2.99696	(12052806)	2.99818 (12052806)		
3746859.5		3.55159 (12052806)	3.55330 (12052806)	3.55502 (12052806)
3.55658	(12052806)	3.55784 (12052806)		
3746809.5		4.39469 (12052806)	4.39623 (12052806)	4.39799 (12052806)
4.39967	(12052806)	4.40100 (12052806)		
3746759.5		5.84892 (12052806)	5.85015 (12052806)	5.85204 (12052806)
5.85393	(12052806)	5.85543 (12052806)		
3746709.5		9.15014 (12052806)	9.15084 (12052806)	9.15374 (12052806)
9.15748	(12052806)	9.16146 (12052806)		
3746659.5		6.86563 (13121916)	6.69116 (12052806)	6.70819 (12052806)
6.74580	(12052806)	6.91561 (16112016)		
3746609.5		6.19718 (12052806)	6.19948 (12052806)	6.21565 (16112016)
6.35530	(16112016)	6.49944 (16112016)		
3746559.5		6.99768 (12052806)	7.00439 (12052806)	7.00931 (12052806)
7.01341	(12052806)	7.01713 (12052806)		
3746509.5		4.95522 (12052806)	4.96155 (12052806)	4.96662 (12052806)
4.97093	(12052806)	4.97481 (12052806)		
3746459.5		3.88587 (12052806)	3.89190 (12052806)	3.89699 (12052806)
3.90140	(12052806)	3.90534 (12052806)		
3746409.5		3.21321 (12052806)	3.21905 (12052806)	3.22410 (12052806)
3.22852	(12052806)	3.23247 (12052806)		
3746359.5		2.74490 (12052806)	2.75060 (12052806)	2.75559 (12052806)
2.75999	(12052806)	2.76390 (12052806)		
3746309.5		2.39713 (12052806)	2.40272 (12052806)	2.40765 (12052806)
2.41200	(12052806)	2.41586 (12052806)		
3746259.5		2.12709 (12052806)	2.13257 (12052806)	2.13743 (12052806)
2.14172	(12052806)	2.14552 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)		406203.57 406253.57	406303.57

406353.57

406403.57

3747209.5 | 1.55179 (12052806) 1.55242 (12052806) 1.55280 (12052806)
1.55292 (12052806) 1.55278 (12052806)
3747159.5 | 1.68970 (12052806) 1.69033 (12052806) 1.69070 (12052806)
1.69079 (12052806) 1.69061 (12052806)
3747109.5 | 1.85272 (12052806) 1.85335 (12052806) 1.85369 (12052806)
1.85374 (12052806) 1.85350 (12052806)
3747059.5 | 2.04892 (12052806) 2.04952 (12052806) 2.04983 (12052806)
2.04982 (12052806) 2.04948 (12052806)
3747009.5 | 2.29039 (12052806) 2.29096 (12052806) 2.29120 (12052806)
2.29108 (12052806) 2.29060 (12052806)
3746959.5 | 2.59629 (12052806) 2.59681 (12052806) 2.59692 (12052806)
2.59663 (12052806) 2.59592 (12052806)
3746909.5 | 2.99903 (12052806) 2.99944 (12052806) 2.99935 (12052806)
2.99874 (12052806) 2.99763 (12052806)
3746859.5 | 3.55864 (12052806) 3.55885 (12052806) 3.55836 (12052806)
3.55716 (12052806) 3.55530 (12052806)
3746809.5 | 4.40173 (12052806) 4.40158 (12052806) 4.40028 (12052806)
4.39780 (12052806) 4.39435 (12052806)
3746759.5 | 5.85613 (12052806) 5.85528 (12052806) 5.85198 (12052806)
5.84604 (12052806) 5.83839 (12052806)
3746709.5 | 9.16484 (12052806) 9.16519 (12052806) 9.15709 (12052806)
9.13751 (12052806) 9.11377 (12052806)
3746659.5 | 7.14275 (16112016) 7.38876 (16112016) 7.65563 (16112016)
7.94283 (16112016) 8.24521 (16112016)
3746609.5 | 8.87586 (12052806) 8.77597 (12052806) 8.70810 (12052806)
8.66388 (12052806) 8.64830 (12052806)
3746559.5 | 7.02103 (12052806) 7.02630 (12052806) 7.03493 (12052806)
7.04750 (12052806) 7.06183 (12052806)
3746509.5 | 4.97861 (12052806) 4.98281 (12052806) 4.98787 (12052806)
4.99388 (12052806) 5.00048 (12052806)
3746459.5 | 3.90905 (12052806) 3.91272 (12052806) 3.91654 (12052806)
3.92054 (12052806) 3.92464 (12052806)
3746409.5 | 3.23606 (12052806) 3.23944 (12052806) 3.24268 (12052806)
3.24581 (12052806) 3.24882 (12052806)
3746359.5 | 2.76741 (12052806) 2.77059 (12052806) 2.77351 (12052806)
2.77620 (12052806) 2.77865 (12052806)
3746309.5 | 2.41928 (12052806) 2.42234 (12052806) 2.42506 (12052806)
2.42748 (12052806) 2.42961 (12052806)
3746259.5 | 2.14887 (12052806) 2.15182 (12052806) 2.15441 (12052806)
2.15666 (12052806) 2.15859 (12052806)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN

Y-COORD			X-COORD (METERS)
(METERS)	406453.57	406503.57	406553.57
406603.57	406653.57		

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3747209.5 | 1.55236 (12052806) 1.55167 (12052806) 1.55070 (12052806)
1.54944 (12052806) 1.54790 (12052806)
3747159.5 | 1.69014 (12052806) 1.68938 (12052806) 1.68833 (12052806)
1.68699 (12052806) 1.68535 (12052806)
3747109.5 | 1.85295 (12052806) 1.85210 (12052806) 1.85095 (12052806)
1.84949 (12052806) 1.84773 (12052806)
3747059.5 | 2.04882 (12052806) 2.04784 (12052806) 2.04654 (12052806)
2.04492 (12052806) 2.04299 (12052806)
3747009.5 | 2.28977 (12052806) 2.28860 (12052806) 2.28708 (12052806)
2.28524 (12052806) 2.28306 (12052806)
3746959.5 | 2.59482 (12052806) 2.59333 (12052806) 2.59149 (12052806)
2.58930 (12052806) 2.58677 (12052806)
3746909.5 | 2.99606 (12052806) 2.99407 (12052806) 2.99169 (12052806)
2.98895 (12052806) 2.98587 (12052806)
3746859.5 | 3.55288 (12052806) 3.54999 (12052806) 3.54667 (12052806)
3.54298 (12052806) 3.53894 (12052806)
3746809.5 | 4.39017 (12052806) 4.38546 (12052806) 4.38030 (12052806)
4.37476 (12052806) 4.36887 (12052806)
3746759.5 | 5.82980 (12052806) 5.82064 (12052806) 5.81104 (12052806)
5.80108 (12052806) 5.79079 (12052806)
3746709.5 | 9.08822 (12052806) 9.06148 (12052806) 9.03386 (12052806)
9.00560 (12052806) 8.97703 (12052806)
3746659.5 | 8.77098 (13121916) 8.44402 (13121916) 8.14356 (13121916)
7.86432 (13121916) 7.60430 (13121916)
3746609.5 | 8.65912 (12052806) 8.69689 (12052806) 8.76256 (12052806)
8.85709 (12052806) 8.98167 (12052806)
3746559.5 | 7.07658 (12052806) 7.09129 (12052806) 7.10580 (12052806)
7.12005 (12052806) 7.13401 (12052806)
3746509.5 | 5.00723 (12052806) 5.01390 (12052806) 5.02036 (12052806)
5.02654 (12052806) 5.03241 (12052806)
3746459.5 | 3.92869 (12052806) 3.93257 (12052806) 3.93622 (12052806)
3.93957 (12052806) 3.94260 (12052806)
3746409.5 | 3.25166 (12052806) 3.25427 (12052806) 3.25661 (12052806)
3.25864 (12052806) 3.26034 (12052806)
3746359.5 | 2.78086 (12052806) 2.78279 (12052806) 2.78442 (12052806)
2.78574 (12052806) 2.78672 (12052806)
3746309.5 | 2.43145 (12052806) 2.43298 (12052806) 2.43420 (12052806)
2.43509 (12052806) 2.43564 (12052806)
3746259.5 | 2.16019 (12052806) 2.16147 (12052806) 2.16243 (12052806)
2.16305 (12052806) 2.16333 (12052806)

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FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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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: 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 , . . . ,

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

Y-COORD (METERS)			X-COORD (METERS)
406853.57	406703.57	406753.57	406803.57

3747209.5	1.54607 (12052806)	1.54394 (12052806)	1.54151 (12052806)
1.53877 (12052806)	1.53571 (12052806)		
3747159.5	1.68341 (12052806)	1.68117 (12052806)	1.67862 (12052806)
1.67576 (12052806)	1.67257 (12052806)		
3747109.5	1.84566 (12052806)	1.84328 (12052806)	1.84058 (12052806)
1.83757 (12052806)	1.83423 (12052806)		
3747059.5	2.04074 (12052806)	2.03818 (12052806)	2.03530 (12052806)
2.03210 (12052806)	2.02858 (12052806)		
3747009.5	2.28057 (12052806)	2.27776 (12052806)	2.27463 (12052806)
2.27119 (12052806)	2.26741 (12052806)		
3746959.5	2.58392 (12052806)	2.58075 (12052806)	2.57726 (12052806)
2.57347 (12052806)	2.56936 (12052806)		
3746909.5	2.98246 (12052806)	2.97872 (12052806)	2.97469 (12052806)
2.97035 (12052806)	2.96573 (12052806)		
3746859.5	3.53457 (12052806)	3.52989 (12052806)	3.52491 (12052806)
3.51967 (12052806)	3.51420 (12052806)		
3746809.5	4.36266 (12052806)	4.35614 (12052806)	4.34935 (12052806)
4.34235 (12052806)	4.33524 (12052806)		
3746759.5	5.78019 (12052806)	5.76931 (12052806)	5.75819 (12052806)
5.74695 (12052806)	5.73585 (12052806)		
3746709.5	8.94842 (12052806)	8.92000 (12052806)	8.89201 (12052806)
8.86467 (12052806)	8.83861 (12052806)		
3746659.5	7.36158 (13121916)	7.13466 (13121916)	6.92212 (13121916)
6.72292 (13121916)	6.66517 (12052806)		
3746609.5	6.34791 (12052806)	6.31189 (12052806)	6.28848 (12052806)
6.27758 (12052806)	6.39769 (16112016)		
3746559.5	7.14766 (12052806)	7.16099 (12052806)	7.17395 (12052806)
7.18637 (12052806)	7.19777 (12052806)		
3746509.5	5.03793 (12052806)	5.04307 (12052806)	5.04775 (12052806)
5.05188 (12052806)	5.05524 (12052806)		
3746459.5	3.94526 (12052806)	3.94754 (12052806)	3.94937 (12052806)
3.95070 (12052806)	3.95143 (12052806)		
3746409.5	3.26168 (12052806)	3.26263 (12052806)	3.26316 (12052806)
3.26323 (12052806)	3.26278 (12052806)		
3746359.5	2.78733 (12052806)	2.78757 (12052806)	2.78740 (12052806)
2.78680 (12052806)	2.78574 (12052806)		
3746309.5	2.43583 (12052806)	2.43564 (12052806)	2.43507 (12052806)
2.43408 (12052806)	2.43265 (12052806)		
3746259.5	2.16325 (12052806)	2.16280 (12052806)	2.16197 (12052806)
2.16075 (12052806)	2.15911 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 406953.57 407003.57 407053.57
407103.57 407153.57

3747209.5	1.53232 (12052806)	1.52859 (12052806)	1.52450 (12052806)
1.52003 (12052806)	1.51518 (12052806)		
3747159.5	1.66904 (12052806)	1.66517 (12052806)	1.66093 (12052806)
1.65631 (12052806)	1.65129 (12052806)		
3747109.5	1.83055 (12052806)	1.82652 (12052806)	1.82212 (12052806)
1.81732 (12052806)	1.81212 (12052806)		
3747059.5	2.02471 (12052806)	2.02049 (12052806)	2.01590 (12052806)
2.01091 (12052806)	2.00551 (12052806)		
3747009.5	2.26331 (12052806)	2.25886 (12052806)	2.25403 (12052806)
2.24882 (12052806)	2.24318 (12052806)		
3746959.5	2.56493 (12052806)	2.56016 (12052806)	2.55505 (12052806)
2.54954 (12052806)	2.54362 (12052806)		
3746909.5	2.96083 (12052806)	2.95562 (12052806)	2.95009 (12052806)
2.94419 (12052806)	2.93787 (12052806)		
3746859.5	3.50852 (12052806)	3.50262 (12052806)	3.49645 (12052806)
3.48994 (12052806)	3.48304 (12052806)		
3746809.5	4.32811 (12052806)	4.32095 (12052806)	4.31364 (12052806)
4.30607 (12052806)	4.29811 (12052806)		
3746759.5	5.72530 (12052806)	5.71535 (12052806)	5.70556 (12052806)
5.69560 (12052806)	5.68529 (12052806)		
3746709.5	8.81635 (12052806)	8.79828 (12052806)	8.78145 (12052806)
8.76470 (12052806)	8.74755 (12052806)		
3746659.5	6.67980 (12052806)	6.71398 (12052806)	6.83880 (16112016)
7.04772 (16112016)	7.27411 (16112016)		
3746609.5	6.54634 (16112016)	6.70410 (16112016)	6.86683 (16112016)
7.03738 (16112016)	9.00301 (12052806)		
3746559.5	7.20694 (12052806)	7.21361 (12052806)	7.21892 (12052806)
7.22346 (12052806)	7.22739 (12052806)		
3746509.5	5.05759 (12052806)	5.05886 (12052806)	5.05924 (12052806)
5.05891 (12052806)	5.05797 (12052806)		
3746459.5	3.95149 (12052806)	3.95084 (12052806)	3.94951 (12052806)
3.94756 (12052806)	3.94502 (12052806)		
3746409.5	3.26179 (12052806)	3.26023 (12052806)	3.25809 (12052806)
3.25538 (12052806)	3.25212 (12052806)		
3746359.5	2.78418 (12052806)	2.78212 (12052806)	2.77954 (12052806)
2.77644 (12052806)	2.77279 (12052806)		
3746309.5	2.43078 (12052806)	2.42843 (12052806)	2.42560 (12052806)
2.42226 (12052806)	2.41841 (12052806)		
3746259.5	2.15704 (12052806)	2.15452 (12052806)	2.15154 (12052806)
2.14808 (12052806)	2.14412 (12052806)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)
(METERS)		
407353.57	407203.57	407253.57
	407403.57	407303.57

3747209.5	1.50990 (12052806)	1.50419 (12052806)	1.49801 (12052806)
1.49134 (12052806)	1.48414 (12052806)		
3747159.5	1.64584 (12052806)	1.63993 (12052806)	1.63355 (12052806)
1.62665 (12052806)	1.61919 (12052806)		
3747109.5	1.80648 (12052806)	1.80037 (12052806)	1.79377 (12052806)
1.78663 (12052806)	1.77892 (12052806)		
3747059.5	1.99966 (12052806)	1.99333 (12052806)	1.98649 (12052806)
1.97910 (12052806)	1.97112 (12052806)		
3747009.5	2.23709 (12052806)	2.23051 (12052806)	2.22341 (12052806)
2.21574 (12052806)	2.20746 (12052806)		
3746959.5	2.53723 (12052806)	2.53035 (12052806)	2.52293 (12052806)
2.51493 (12052806)	2.50630 (12052806)		
3746909.5	2.93110 (12052806)	2.92382 (12052806)	2.91599 (12052806)
2.90756 (12052806)	2.89850 (12052806)		
3746859.5	3.47567 (12052806)	3.46780 (12052806)	3.45936 (12052806)
3.45032 (12052806)	3.44062 (12052806)		
3746809.5	4.28971 (12052806)	4.28078 (12052806)	4.27129 (12052806)
4.26118 (12052806)	4.25040 (12052806)		
3746759.5	5.67452 (12052806)	5.66324 (12052806)	5.65138 (12052806)
5.63888 (12052806)	5.62571 (12052806)		
3746709.5	8.72967 (12052806)	8.71088 (12052806)	8.69105 (12052806)
8.67003 (12052806)	8.64787 (12052806)		
3746659.5	7.51954 (16112016)	7.78570 (16112016)	9.96762 (12052806)
8.39425 (13121916)	8.07884 (13121916)		
3746609.5	8.91744 (12052806)	8.86204 (12052806)	8.83721 (12052806)
8.84336 (12052806)	8.88123 (12052806)		
3746559.5	7.23075 (12052806)	7.23350 (12052806)	7.23558 (12052806)
7.23696 (12052806)	7.23758 (12052806)		
3746509.5	5.05643 (12052806)	5.05429 (12052806)	5.05151 (12052806)
5.04807 (12052806)	5.04389 (12052806)		
3746459.5	3.94189 (12052806)	3.93816 (12052806)	3.93379 (12052806)
3.92875 (12052806)	3.92299 (12052806)		
3746409.5	3.24827 (12052806)	3.24384 (12052806)	3.23878 (12052806)
3.23305 (12052806)	3.22660 (12052806)		
3746359.5	2.76859 (12052806)	2.76380 (12052806)	2.75840 (12052806)
2.75235 (12052806)	2.74559 (12052806)		
3746309.5	2.41401 (12052806)	2.40905 (12052806)	2.40350 (12052806)
2.39730 (12052806)	2.39041 (12052806)		
3746259.5	2.13963 (12052806)	2.13460 (12052806)	2.12898 (12052806)
2.12274 (12052806)	2.11584 (12052806)		

PF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 18:30:12

*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407453.57 407503.57 407553.57
407603.57 407653.57

3747209.5 | 1.47637 (12052806) 1.46800 (12052806) 1.45898 (12052806)
1.44926 (12052806) 1.43878 (12052806)
3747159.5 | 1.61115 (12052806) 1.60248 (12052806) 1.59312 (12052806)
1.58303 (12052806) 1.57213 (12052806)
3747109.5 | 1.77060 (12052806) 1.76161 (12052806) 1.75191 (12052806)
1.74144 (12052806) 1.73013 (12052806)
3747059.5 | 1.96250 (12052806) 1.95319 (12052806) 1.94314 (12052806)
1.93228 (12052806) 1.92054 (12052806)
3747009.5 | 2.19852 (12052806) 2.18887 (12052806) 2.17844 (12052806)
2.16718 (12052806) 2.15501 (12052806)
3746959.5 | 2.49700 (12052806) 2.48695 (12052806) 2.47611 (12052806)
2.46441 (12052806) 2.45176 (12052806)
3746909.5 | 2.88873 (12052806) 2.87821 (12052806) 2.86686 (12052806)
2.85463 (12052806) 2.84144 (12052806)
3746859.5 | 3.43020 (12052806) 3.41901 (12052806) 3.40697 (12052806)
3.39403 (12052806) 3.38011 (12052806)
3746809.5 | 4.23888 (12052806) 4.22657 (12052806) 4.21340 (12052806)
4.19930 (12052806) 4.18422 (12052806)
3746759.5 | 5.61180 (12052806) 5.59707 (12052806) 5.58147 (12052806)
5.56491 (12052806) 5.54735 (12052806)
3746709.5 | 8.62463 (12052806) 8.60034 (12052806) 8.57509 (12052806)
8.54899 (12052806) 8.52213 (12052806)
3746659.5 | 7.78271 (13121916) 7.50378 (13121916) 7.24005 (13121916)
6.98975 (13121916) 6.75132 (13121916)
3746609.5 | 8.95160 (12052806) 6.43677 (12052806) 6.36151 (12052806)
6.30003 (12052806) 6.25175 (12052806)
3746559.5 | 7.23736 (12052806) 7.23627 (12052806) 7.23419 (12052806)
7.23099 (12052806) 7.22655 (12052806)
3746509.5 | 5.03891 (12052806) 5.03306 (12052806) 5.02623 (12052806)
5.01827 (12052806) 5.00902 (12052806)
3746459.5 | 3.91642 (12052806) 3.90899 (12052806) 3.90058 (12052806)
3.89106 (12052806) 3.88027 (12052806)
3746409.5 | 3.21937 (12052806) 3.21128 (12052806) 3.20224 (12052806)
3.19212 (12052806) 3.18078 (12052806)
3746359.5 | 2.73807 (12052806) 2.72971 (12052806) 2.72042 (12052806)
2.71010 (12052806) 2.69862 (12052806)
3746309.5 | 2.38279 (12052806) 2.37435 (12052806) 2.36501 (12052806)
2.35470 (12052806) 2.34328 (12052806)
3746259.5 | 2.10822 (12052806) 2.09982 (12052806) 2.09056 (12052806)
2.08036 (12052806) 2.06913 (12052806)

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD			X-COORD (METERS)
(METERS)			
407853.57	407703.57	407753.57	407803.57
	407903.57		

3747209.5	1.42749 (12052806)	1.41531 (12052806)	1.40217 (12052806)
1.38797 (12052806)	1.37262 (12052806)		
3747159.5	1.56037 (12052806)	1.54767 (12052806)	1.53392 (12052806)
1.51903 (12052806)	1.50288 (12052806)		
3747109.5	1.71790 (12052806)	1.70466 (12052806)	1.69032 (12052806)
1.67475 (12052806)	1.65781 (12052806)		
3747059.5	1.90785 (12052806)	1.89409 (12052806)	1.87916 (12052806)
1.86292 (12052806)	1.84521 (12052806)		
3747009.5	2.14183 (12052806)	2.12755 (12052806)	2.11205 (12052806)
2.09517 (12052806)	2.07673 (12052806)		
3746959.5	2.43809 (12052806)	2.42329 (12052806)	2.40723 (12052806)
2.38976 (12052806)	2.37066 (12052806)		
3746909.5	2.82721 (12052806)	2.81184 (12052806)	2.79524 (12052806)
2.77723 (12052806)	2.75758 (12052806)		
3746859.5	3.36516 (12052806)	3.34912 (12052806)	3.33192 (12052806)
3.31345 (12052806)	3.29345 (12052806)		
3746809.5	4.16812 (12052806)	4.15102 (12052806)	4.13303 (12052806)
4.11418 (12052806)	4.09424 (12052806)		
3746759.5	5.52880 (12052806)	5.50940 (12052806)	5.48969 (12052806)
5.47051 (12052806)	5.45181 (12052806)		
3746709.5	8.49462 (12052806)	8.46681 (12052806)	8.44017 (12052806)
8.42073 (12052806)	8.41019 (12052806)		
3746659.5	6.52341 (13121916)	6.49102 (12052806)	6.48010 (12052806)
6.48622 (12052806)	6.56249 (16112016)		
3746609.5	6.35511 (16112016)	6.48963 (16112016)	6.63228 (16112016)
6.78390 (16112016)	6.94500 (16112016)		
3746559.5	7.22058 (12052806)	7.21251 (12052806)	7.20079 (12052806)
7.18157 (12052806)	7.15362 (12052806)		
3746509.5	4.99821 (12052806)	4.98538 (12052806)	4.96979 (12052806)
4.95050 (12052806)	4.92710 (12052806)		
3746459.5	3.86800 (12052806)	3.85391 (12052806)	3.83762 (12052806)
3.81870 (12052806)	3.79685 (12052806)		
3746409.5	3.16804 (12052806)	3.15367 (12052806)	3.13740 (12052806)
3.11896 (12052806)	3.09808 (12052806)		
3746359.5	2.68582 (12052806)	2.67154 (12052806)	2.65556 (12052806)
2.63766 (12052806)	2.61762 (12052806)		
3746309.5	2.33064 (12052806)	2.31662 (12052806)	2.30106 (12052806)
2.28377 (12052806)	2.26454 (12052806)		

3746259.5 | 2.05676 (12052806) 2.04310 (12052806) 2.02804 (12052806)
2.01139 (12052806) 1.99300 (12052806)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

PAGE 55
*** 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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF NOX IN **
MICROGRAMS/M**3

Y-COORD | X-COORD (METERS)
(METERS) | 407953.57 408003.57 408053.57
408103.57 408153.57

3747209.5 | 1.35601 (12052806) 1.33801 (12052806) 1.31850 (12052806)
1.29734 (12052806) 1.27439 (12052806)
3747159.5 | 1.48534 (12052806) 1.46626 (12052806) 1.44547 (12052806)
1.42280 (12052806) 1.39804 (12052806)
3747109.5 | 1.63934 (12052806) 1.61916 (12052806) 1.59707 (12052806)
1.57282 (12052806) 1.54617 (12052806)
3747059.5 | 1.82583 (12052806) 1.80458 (12052806) 1.78117 (12052806)
1.75533 (12052806) 1.72671 (12052806)
3747009.5 | 2.05650 (12052806) 2.03421 (12052806) 2.00955 (12052806)
1.98214 (12052806) 1.95154 (12052806)
3746959.5 | 2.34966 (12052806) 2.32645 (12052806) 2.30063 (12052806)
2.27174 (12052806) 2.23924 (12052806)
3746909.5 | 2.73598 (12052806) 2.71204 (12052806) 2.68527 (12052806)
2.65512 (12052806) 2.62090 (12052806)
3746859.5 | 3.27155 (12052806) 3.24722 (12052806) 3.21989 (12052806)
3.18888 (12052806) 3.15336 (12052806)
3746809.5 | 4.07264 (12052806) 4.04866 (12052806) 4.02153 (12052806)
3.99045 (12052806) 3.95446 (12052806)
3746759.5 | 5.43223 (12052806) 5.41043 (12052806) 5.38538 (12052806)
5.35616 (12052806) 5.32170 (12052806)
3746709.5 | 8.40122 (12052806) 8.39041 (12052806) 8.37627 (12052806)
8.35762 (12052806) 8.33320 (12052806)
3746659.5 | 6.76422 (16112016) 6.98826 (16112016) 7.23376 (16112016)
7.50189 (16112016) 7.79459 (16112016)
3746609.5 | 7.10329 (16112016) 7.26485 (16112016) 8.78668 (12052806)
8.65695 (12052806) 8.55576 (12052806)
3746559.5 | 7.12014 (12052806) 7.08260 (12052806) 7.04100 (12052806)
6.99476 (12052806) 6.94292 (12052806)
3746509.5 | 4.89982 (12052806) 4.86885 (12052806) 4.83398 (12052806)
4.79466 (12052806) 4.75002 (12052806)
3746459.5 | 3.77189 (12052806) 3.74364 (12052806) 3.71174 (12052806)
3.67567 (12052806) 3.63467 (12052806)
3746409.5 | 3.07451 (12052806) 3.04798 (12052806) 3.01811 (12052806)
2.98441 (12052806) 2.94621 (12052806)

3746359.5 | 2.59518 (12052806) 2.57006 (12052806) 2.54192 (12052806)
2.51031 (12052806) 2.47467 (12052806)
3746309.5 | 2.24316 (12052806) 2.21936 (12052806) 2.19283 (12052806)
2.16320 (12052806) 2.13002 (12052806)
3746259.5 | 1.97265 (12052806) 1.95013 (12052806) 1.92516 (12052806)
1.89745 (12052806) 1.86664 (12052806)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 408203.57 408253.57 408303.57
408353.57 408403.57

3747209.5 | 1.24950 (12052806) 1.22253 (12052806) 1.19336 (12052806)
1.16190 (12052806) 1.12811 (12052806)
3747159.5 | 1.37100 (12052806) 1.34148 (12052806) 1.30928 (12052806)
1.27423 (12052806) 1.23623 (12052806)
3747109.5 | 1.51683 (12052806) 1.48451 (12052806) 1.44892 (12052806)
1.40978 (12052806) 1.36686 (12052806)
3747059.5 | 1.69495 (12052806) 1.65961 (12052806) 1.62028 (12052806)
1.57649 (12052806) 1.52784 (12052806)
3747009.5 | 1.91727 (12052806) 1.87875 (12052806) 1.83534 (12052806)
1.78635 (12052806) 1.73106 (12052806)
3746959.5 | 2.20248 (12052806) 2.16069 (12052806) 2.11296 (12052806)
2.05825 (12052806) 1.99536 (12052806)
3746909.5 | 2.58181 (12052806) 2.53683 (12052806) 2.48472 (12052806)
2.42393 (12052806) 2.35260 (12052806)
3746859.5 | 3.11234 (12052806) 3.06454 (12052806) 3.00830 (12052806)
2.94146 (12052806) 2.86117 (12052806)
3746809.5 | 3.91238 (12052806) 3.86265 (12052806) 3.80317 (12052806)
3.73104 (12052806) 3.64220 (12052806)
3746759.5 | 5.28064 (12052806) 5.23117 (12052806) 5.17077 (12052806)
5.09582 (12052806) 5.00089 (12052806)
3746709.5 | 8.30141 (12052806) 8.26019 (12052806) 8.20674 (12052806)
8.13682 (12052806) 8.04396 (12052806)
3746659.5 | 9.58287 (12052806) 7.35907 (13121916) 6.91549 (13121916)
6.45151 (13121916) 6.15585 (12052806)
3746609.5 | 8.48046 (12052806) 8.47907 (16112016) 8.66263 (16112016)
8.85808 (16112016) 5.92613 (16112016)
3746559.5 | 6.88412 (12052806) 6.81646 (12052806) 6.73727 (12052806)
6.64257 (12052806) 6.52627 (12052806)
3746509.5 | 4.69886 (12052806) 4.63953 (12052806) 4.56970 (12052806)
4.48608 (12052806) 4.38385 (12052806)

3746459.5 | 3.58768 (12052806) 3.53333 (12052806) 3.46973 (12052806)
3.39433 (12052806) 3.30366 (12052806)
3746409.5 | 2.90265 (12052806) 2.85261 (12052806) 2.79466 (12052806)
2.72692 (12052806) 2.64703 (12052806)
3746359.5 | 2.43432 (12052806) 2.38838 (12052806) 2.33579 (12052806)
2.27525 (12052806) 2.20524 (12052806)
3746309.5 | 2.09274 (12052806) 2.05071 (12052806) 2.00317 (12052806)
1.94925 (12052806) 1.88801 (12052806)
3746259.5 | 1.83229 (12052806) 1.79395 (12052806) 1.75108 (12052806)
1.70312 (12052806) 1.64950 (12052806)
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD	X-COORD (METERS)	
(METERS)	408453.57	408503.57
408603.57	408653.57	408553.57

3747209.5 | 1.09201 (12052806) 1.05371 (12052806) 1.01342 (12052806)
0.97149 (12052806) 0.92834 (12052806)
3747159.5 | 1.19524 (12052806) 1.15135 (12052806) 1.10479 (12052806)
1.05598 (12052806) 1.00551 (12052806)
3747109.5 | 1.32003 (12052806) 1.26930 (12052806) 1.21492 (12052806)
1.15737 (12052806) 1.09744 (12052806)
3747059.5 | 1.47400 (12052806) 1.41484 (12052806) 1.35052 (12052806)
1.28162 (12052806) 1.20920 (12052806)
3747009.5 | 1.66881 (12052806) 1.59915 (12052806) 1.52202 (12052806)
1.43802 (12052806) 1.34855 (12052806)
3746959.5 | 1.92308 (12052806) 1.84030 (12052806) 1.74641 (12052806)
1.64173 (12052806) 1.52812 (12052806)
3746909.5 | 2.26853 (12052806) 2.16943 (12052806) 2.05330 (12052806)
1.91947 (12052806) 1.76996 (12052806)
3746859.5 | 2.76379 (12052806) 2.64476 (12052806) 2.49910 (12052806)
2.32287 (12052806) 2.11669 (12052806)
3746809.5 | 3.53088 (12052806) 3.38884 (12052806) 3.20485 (12052806)
2.96571 (12052806) 2.71527 (12020617)
3746759.5 | 4.87762 (12052806) 4.71249 (12052806) 4.48307 (12052806)
4.15272 (12052806) 3.88491 (12020617)
3746709.5 | 7.91754 (12052806) 7.73849 (12052806) 7.46948 (12052806)
7.02863 (12052806) 6.79401 (12020617)
3746659.5 | 5.91977 (12052806) 5.74330 (16112016) 5.85928 (16112016)
5.95803 (16112016) 5.95150 (16112016)
3746609.5 | 6.01046 (16112016) 6.09606 (16112016) 6.17723 (16112016)
6.23731 (16112016) 6.20924 (16112016)

3746559.5 | 6.37853 (12052806) 6.18247 (12052806) 5.90714 (12052806)
5.49225 (12052806) 5.01244 (13041207)
3746509.5 | 4.25578 (12052806) 4.09079 (12052806) 3.87192 (12052806)
3.57500 (12052806) 3.18788 (13041207)
3746459.5 | 3.19291 (12052806) 3.05566 (12052806) 2.88390 (12052806)
2.66959 (12052806) 2.41011 (12052806)
3746409.5 | 2.55206 (12052806) 2.43859 (12052806) 2.30323 (12052806)
2.14394 (12052806) 1.96239 (12052806)
3746359.5 | 2.12405 (12052806) 2.03002 (12052806) 1.92191 (12052806)
1.79966 (12052806) 1.66535 (12052806)
3746309.5 | 1.81853 (12052806) 1.74004 (12052806) 1.65226 (12052806)
1.55571 (12052806) 1.45208 (12052806)
3746259.5 | 1.58977 (12052806) 1.52364 (12052806) 1.45120 (12052806)
1.37306 (12052806) 1.29051 (12052806)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 408703.57 408753.57 408803.57
408853.57 408903.57

3747209.5 | 0.88453 (12052806) 0.84062 (12052806) 0.79722 (12052806)
0.75488 (12052806) 0.72738 (12020617)
3747159.5 | 0.95410 (12052806) 0.90258 (12052806) 0.85178 (12052806)
0.81213 (12020617) 0.79679 (12020617)
3747109.5 | 1.03618 (12052806) 0.97477 (12052806) 0.91442 (12052806)
0.90129 (12020617) 0.87407 (12020617)
3747059.5 | 1.13478 (12052806) 1.06015 (12052806) 1.02888 (12020617)
1.00552 (12020617) 0.95696 (12020617)
3747009.5 | 1.25593 (12052806) 1.18820 (12020617) 1.17045 (12020617)
1.12517 (12020617) 1.03898 (12020617)
3746959.5 | 1.40916 (12052806) 1.38264 (12020617) 1.34535 (12020617)
1.25600 (12020617) 1.10600 (12020617)
3746909.5 | 1.66750 (12020617) 1.64201 (12020617) 1.55855 (12020617)
1.38229 (12020617) 1.16347 (12101617)
3746859.5 | 2.06073 (12020617) 1.99809 (12020617) 1.80202 (12020617)
1.46384 (12020617) 1.40727 (12101617)
3746809.5 | 2.67573 (12020617) 2.49344 (12020617) 2.02385 (12020617)
1.80516 (12101617) 1.70424 (12101617)
3746759.5 | 3.77053 (12020617) 3.13509 (12020617) 2.51408 (12101617)
2.25169 (12101617) 1.95221 (12101617)
3746709.5 | 6.14155 (12020617) 4.17054 (12101617) 3.22576 (12101617)
2.46487 (12101617) 1.91193 (12101617)

3746659.5 | 6.15112 (16112016) 6.36395 (16112016) 4.12004 (16112016)
3.03235 (16112016) 2.38559 (16112016)
3746609.5 | 6.34695 (16112016) 6.48946 (16112016) 4.60500 (16112016)
3.51400 (16112016) 2.80992 (16112016)
3746559.5 | 4.03506 (13041207) 3.79187 (13090518) 3.41812 (13090518)
2.98247 (13090518) 2.58340 (13090518)
3746509.5 | 2.76647 (13041207) 2.41601 (13090518) 2.36948 (13090518)
2.27989 (13090518) 2.14572 (13090518)
3746459.5 | 2.11790 (12052806) 1.82359 (12052806) 1.73028 (13090518)
1.71226 (13090518) 1.68086 (13090518)
3746409.5 | 1.76649 (12052806) 1.56975 (12052806) 1.38612 (12052806)
1.33389 (13090518) 1.32566 (13090518)
3746359.5 | 1.52376 (12052806) 1.38176 (12052806) 1.24638 (12052806)
1.12272 (12052806) 1.07242 (13090518)
3746309.5 | 1.34437 (12052806) 1.23643 (12052806) 1.13219 (12052806)
1.03477 (12052806) 0.94603 (12052806)
3746259.5 | 1.20547 (12052806) 1.12029 (12052806) 1.03734 (12052806)
0.95862 (12052806) 0.88550 (12052806)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN **
MICROGRAMS/M**3
DATE
NETWORK
GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

ALL HIGH 1ST HIGH VALUE IS 10.57817 ON 12052806: AT (405203.57, 3746609.46,
0.00, 0.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:30:12

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** Message Summary : AERMOD Model Execution ***
----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)
A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS CA-91 PM10\14635 OPS
CA-91 PM10.ADI
**
*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**
CO STARTING
  TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
  MODELOPT DFAULT CONC
  AVERTIME 24
  URBANOPT 3010232 ORANGE_COUNTY
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "14635 OPS CA-91 PM10.ERR"
CO FINISHED
**
*****
** AERMOD SOURCE PATHWAY
*****
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** -----
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 53.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.1573
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 404371.937, 3746972.329, 0.00, 3.49, 24.65
** 404707.688, 3746802.877, 0.00, 3.49, 24.65
** 404797.537, 3746763.470, 0.00, 3.49, 24.65
** 404850.343, 3746740.613, 0.00, 3.49, 24.65
** 404939.404, 3746711.452, 0.00, 3.49, 24.65
** 405094.669, 3746674.409, 0.00, 3.49, 24.65
** 405206.586, 3746657.070, 0.00, 3.49, 24.65
** 405325.596, 3746650.764, 0.00, 3.49, 24.65
** 405904.885, 3746647.612, 0.00, 3.49, 24.65
** 406282.408, 3746647.612, 0.00, 3.49, 24.65
** 406934.995, 3746644.459, 0.00, 3.49, 24.65
** 407837.003, 3746642.031, 0.00, 3.49, 24.65
** 408727.746, 3746644.991, 0.00, 3.49, 24.65
** -----
  LOCATION L0000001      VOLUME    404395.595 3746960.389 0.0
  LOCATION L0000002      VOLUME    404442.911 3746936.509 0.0
  LOCATION L0000003      VOLUME    404490.226 3746912.629 0.0
  LOCATION L0000004      VOLUME    404537.541 3746888.749 0.0

```

LOCATION	L0000005	VOLUME	404584.857	3746864.869	0.0
LOCATION	L0000006	VOLUME	404632.172	3746840.990	0.0
LOCATION	L0000007	VOLUME	404679.488	3746817.110	0.0
LOCATION	L0000008	VOLUME	404727.297	3746794.277	0.0
LOCATION	L0000009	VOLUME	404775.833	3746772.989	0.0
LOCATION	L0000010	VOLUME	404824.427	3746751.831	0.0
LOCATION	L0000011	VOLUME	404873.874	3746732.908	0.0
LOCATION	L0000012	VOLUME	404924.243	3746716.416	0.0
LOCATION	L0000013	VOLUME	404975.439	3746702.855	0.0
LOCATION	L0000014	VOLUME	405026.992	3746690.555	0.0
LOCATION	L0000015	VOLUME	405078.545	3746678.256	0.0
LOCATION	L0000016	VOLUME	405130.664	3746668.832	0.0
LOCATION	L0000017	VOLUME	405183.039	3746660.718	0.0
LOCATION	L0000018	VOLUME	405235.717	3746655.526	0.0
LOCATION	L0000019	VOLUME	405288.643	3746652.722	0.0
LOCATION	L0000020	VOLUME	405341.591	3746650.677	0.0
LOCATION	L0000021	VOLUME	405394.590	3746650.389	0.0
LOCATION	L0000022	VOLUME	405447.589	3746650.100	0.0
LOCATION	L0000023	VOLUME	405500.588	3746649.812	0.0
LOCATION	L0000024	VOLUME	405553.587	3746649.524	0.0
LOCATION	L0000025	VOLUME	405606.587	3746649.235	0.0
LOCATION	L0000026	VOLUME	405659.586	3746648.947	0.0
LOCATION	L0000027	VOLUME	405712.585	3746648.658	0.0
LOCATION	L0000028	VOLUME	405765.584	3746648.370	0.0
LOCATION	L0000029	VOLUME	405818.584	3746648.081	0.0
LOCATION	L0000030	VOLUME	405871.583	3746647.793	0.0
LOCATION	L0000031	VOLUME	405924.582	3746647.612	0.0
LOCATION	L0000032	VOLUME	405977.582	3746647.612	0.0
LOCATION	L0000033	VOLUME	406030.582	3746647.612	0.0
LOCATION	L0000034	VOLUME	406083.582	3746647.612	0.0
LOCATION	L0000035	VOLUME	406136.582	3746647.612	0.0
LOCATION	L0000036	VOLUME	406189.582	3746647.612	0.0
LOCATION	L0000037	VOLUME	406242.582	3746647.612	0.0
LOCATION	L0000038	VOLUME	406295.582	3746647.548	0.0
LOCATION	L0000039	VOLUME	406348.581	3746647.292	0.0
LOCATION	L0000040	VOLUME	406401.581	3746647.036	0.0
LOCATION	L0000041	VOLUME	406454.580	3746646.780	0.0
LOCATION	L0000042	VOLUME	406507.580	3746646.524	0.0
LOCATION	L0000043	VOLUME	406560.579	3746646.268	0.0
LOCATION	L0000044	VOLUME	406613.578	3746646.012	0.0
LOCATION	L0000045	VOLUME	406666.578	3746645.756	0.0
LOCATION	L0000046	VOLUME	406719.577	3746645.500	0.0
LOCATION	L0000047	VOLUME	406772.577	3746645.244	0.0
LOCATION	L0000048	VOLUME	406825.576	3746644.988	0.0
LOCATION	L0000049	VOLUME	406878.575	3746644.732	0.0
LOCATION	L0000050	VOLUME	406931.575	3746644.476	0.0
LOCATION	L0000051	VOLUME	406984.574	3746644.326	0.0
LOCATION	L0000052	VOLUME	407037.574	3746644.183	0.0
LOCATION	L0000053	VOLUME	407090.574	3746644.040	0.0
LOCATION	L0000054	VOLUME	407143.574	3746643.898	0.0
LOCATION	L0000055	VOLUME	407196.574	3746643.755	0.0
LOCATION	L0000056	VOLUME	407249.574	3746643.612	0.0
LOCATION	L0000057	VOLUME	407302.573	3746643.470	0.0
LOCATION	L0000058	VOLUME	407355.573	3746643.327	0.0
LOCATION	L0000059	VOLUME	407408.573	3746643.184	0.0
LOCATION	L0000060	VOLUME	407461.573	3746643.042	0.0
LOCATION	L0000061	VOLUME	407514.573	3746642.899	0.0
LOCATION	L0000062	VOLUME	407567.572	3746642.756	0.0
LOCATION	L0000063	VOLUME	407620.572	3746642.614	0.0
LOCATION	L0000064	VOLUME	407673.572	3746642.471	0.0
LOCATION	L0000065	VOLUME	407726.572	3746642.328	0.0
LOCATION	L0000066	VOLUME	407779.572	3746642.186	0.0
LOCATION	L0000067	VOLUME	407832.571	3746642.043	0.0
LOCATION	L0000068	VOLUME	407885.571	3746642.192	0.0
LOCATION	L0000069	VOLUME	407938.571	3746642.369	0.0
LOCATION	L0000070	VOLUME	407991.571	3746642.545	0.0

LOCATION	L0000071	VOLUME	408044.570	3746642.721	0.0
LOCATION	L0000072	VOLUME	408097.570	3746642.897	0.0
LOCATION	L0000073	VOLUME	408150.570	3746643.073	0.0
LOCATION	L0000074	VOLUME	408203.569	3746643.249	0.0
LOCATION	L0000075	VOLUME	408256.569	3746643.425	0.0
LOCATION	L0000076	VOLUME	408309.569	3746643.602	0.0
LOCATION	L0000077	VOLUME	408362.568	3746643.778	0.0
LOCATION	L0000078	VOLUME	408415.568	3746643.954	0.0
LOCATION	L0000079	VOLUME	408468.568	3746644.130	0.0
LOCATION	L0000080	VOLUME	408521.568	3746644.306	0.0
LOCATION	L0000081	VOLUME	408574.567	3746644.482	0.0
LOCATION	L0000082	VOLUME	408627.567	3746644.659	0.0
LOCATION	L0000083	VOLUME	408680.567	3746644.835	0.0
** END OF LINE VOLUME SOURCE ID = SLINE1					
** SOURCE PARAMETERS **					
** LINE VOLUME SOURCE ID = SLINE1					
SRCPARAM	L0000001	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000002	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000003	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000004	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000005	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000006	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000007	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000008	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000009	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000010	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000011	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000012	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000013	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000014	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000015	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000016	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000017	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000018	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000019	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000020	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000021	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000022	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000023	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000024	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000025	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000026	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000027	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000028	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000029	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000030	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000031	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000032	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000033	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000034	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000035	0.0018951807	3.49	24.65	3.25
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SRCPARAM	L0000037	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000038	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000039	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000040	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000041	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000042	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000043	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000044	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000045	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000046	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000047	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000048	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000049	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000050	0.0018951807	3.49	24.65	3.25

SRCPARAM	L0000051	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000052	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000053	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000054	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000055	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000056	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000057	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000058	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000059	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000060	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000061	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000062	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000063	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000064	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000065	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000066	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000067	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000068	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000069	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000070	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000071	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000072	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000073	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000074	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000075	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000076	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000077	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000078	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000079	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000080	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000081	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000082	0.0018951807	3.49	24.65	3.25
SRCPARAM	L0000083	0.0018951807	3.49	24.65	3.25

```
URBANSRC  ALL
SRCGROUP  ALL
```

* *
 * * * * *

** AERMOD RECEPTOR PATHWAY

* *

* *

GRIDCART UCART1 STA

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

*** NONE ***

***** WARNING MESSAGES *****

ME W186 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** 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 83 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 83 Source(s); 1 Source Group(s); and 1900 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 83 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 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) = 29.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate
 Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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

****Input Runstream File:**

aermod.inp

****Output Print File:**

aermod.out

****Detailed Error/Message File:** 14635 OPS CA-91

PM10.ERR

****File for Summary of Results:** 14635 OPS CA-91

PM10.SUM

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y				
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.	BY						
L0000001	0	0.18952E-02	404395.6	3746960.4	0.0	3.49	24.65	3.25
YES								
L0000002	0	0.18952E-02	404442.9	3746936.5	0.0	3.49	24.65	3.25
YES								
L0000003	0	0.18952E-02	404490.2	3746912.6	0.0	3.49	24.65	3.25
YES								
L0000004	0	0.18952E-02	404537.5	3746888.7	0.0	3.49	24.65	3.25
YES								
L0000005	0	0.18952E-02	404584.9	3746864.9	0.0	3.49	24.65	3.25
YES								
L0000006	0	0.18952E-02	404632.2	3746841.0	0.0	3.49	24.65	3.25
YES								
L0000007	0	0.18952E-02	404679.5	3746817.1	0.0	3.49	24.65	3.25
YES								
L0000008	0	0.18952E-02	404727.3	3746794.3	0.0	3.49	24.65	3.25
YES								
L0000009	0	0.18952E-02	404775.8	3746773.0	0.0	3.49	24.65	3.25
YES								
L0000010	0	0.18952E-02	404824.4	3746751.8	0.0	3.49	24.65	3.25
YES								
L0000011	0	0.18952E-02	404873.9	3746732.9	0.0	3.49	24.65	3.25

YES								
L0000012	0	0.18952E-02	404924.2	3746716.4	0.0	3.49	24.65	3.25
YES								
L0000013	0	0.18952E-02	404975.4	3746702.9	0.0	3.49	24.65	3.25
YES								
L0000014	0	0.18952E-02	405027.0	3746690.6	0.0	3.49	24.65	3.25
YES								
L0000015	0	0.18952E-02	405078.5	3746678.3	0.0	3.49	24.65	3.25
YES								
L0000016	0	0.18952E-02	405130.7	3746668.8	0.0	3.49	24.65	3.25
YES								
L0000017	0	0.18952E-02	405183.0	3746660.7	0.0	3.49	24.65	3.25
YES								
L0000018	0	0.18952E-02	405235.7	3746655.5	0.0	3.49	24.65	3.25
YES								
L0000019	0	0.18952E-02	405288.6	3746652.7	0.0	3.49	24.65	3.25
YES								
L0000020	0	0.18952E-02	405341.6	3746650.7	0.0	3.49	24.65	3.25
YES								
L0000021	0	0.18952E-02	405394.6	3746650.4	0.0	3.49	24.65	3.25
YES								
L0000022	0	0.18952E-02	405447.6	3746650.1	0.0	3.49	24.65	3.25
YES								
L0000023	0	0.18952E-02	405500.6	3746649.8	0.0	3.49	24.65	3.25
YES								
L0000024	0	0.18952E-02	405553.6	3746649.5	0.0	3.49	24.65	3.25
YES								
L0000025	0	0.18952E-02	405606.6	3746649.2	0.0	3.49	24.65	3.25
YES								
L0000026	0	0.18952E-02	405659.6	3746648.9	0.0	3.49	24.65	3.25
YES								
L0000027	0	0.18952E-02	405712.6	3746648.7	0.0	3.49	24.65	3.25
YES								
L0000028	0	0.18952E-02	405765.6	3746648.4	0.0	3.49	24.65	3.25
YES								
L0000029	0	0.18952E-02	405818.6	3746648.1	0.0	3.49	24.65	3.25
YES								
L0000030	0	0.18952E-02	405871.6	3746647.8	0.0	3.49	24.65	3.25
YES								
L0000031	0	0.18952E-02	405924.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000032	0	0.18952E-02	405977.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000033	0	0.18952E-02	406030.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000034	0	0.18952E-02	406083.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000035	0	0.18952E-02	406136.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000036	0	0.18952E-02	406189.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000037	0	0.18952E-02	406242.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000038	0	0.18952E-02	406295.6	3746647.5	0.0	3.49	24.65	3.25
YES								
L0000039	0	0.18952E-02	406348.6	3746647.3	0.0	3.49	24.65	3.25
YES								
L0000040	0	0.18952E-02	406401.6	3746647.0	0.0	3.49	24.65	3.25
YES								

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

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*** VOLUME SOURCE DATA ***

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

L0000041		0	0.18952E-02	406454.6	3746646.8		0.0	3.49	24.65	3.25
YES										
L0000042		0	0.18952E-02	406507.6	3746646.5		0.0	3.49	24.65	3.25
YES										
L0000043		0	0.18952E-02	406560.6	3746646.3		0.0	3.49	24.65	3.25
YES										
L0000044		0	0.18952E-02	406613.6	3746646.0		0.0	3.49	24.65	3.25
YES										
L0000045		0	0.18952E-02	406666.6	3746645.8		0.0	3.49	24.65	3.25
YES										
L0000046		0	0.18952E-02	406719.6	3746645.5		0.0	3.49	24.65	3.25
YES										
L0000047		0	0.18952E-02	406772.6	3746645.2		0.0	3.49	24.65	3.25
YES										
L0000048		0	0.18952E-02	406825.6	3746645.0		0.0	3.49	24.65	3.25
YES										
L0000049		0	0.18952E-02	406878.6	3746644.7		0.0	3.49	24.65	3.25
YES										
L0000050		0	0.18952E-02	406931.6	3746644.5		0.0	3.49	24.65	3.25
YES										
L0000051		0	0.18952E-02	406984.6	3746644.3		0.0	3.49	24.65	3.25
YES										
L0000052		0	0.18952E-02	407037.6	3746644.2		0.0	3.49	24.65	3.25
YES										
L0000053		0	0.18952E-02	407090.6	3746644.0		0.0	3.49	24.65	3.25
YES										
L0000054		0	0.18952E-02	407143.6	3746643.9		0.0	3.49	24.65	3.25
YES										
L0000055		0	0.18952E-02	407196.6	3746643.8		0.0	3.49	24.65	3.25
YES										
L0000056		0	0.18952E-02	407249.6	3746643.6		0.0	3.49	24.65	3.25
YES										
L0000057		0	0.18952E-02	407302.6	3746643.5		0.0	3.49	24.65	3.25
YES										
L0000058		0	0.18952E-02	407355.6	3746643.3		0.0	3.49	24.65	3.25
YES										
L0000059		0	0.18952E-02	407408.6	3746643.2		0.0	3.49	24.65	3.25
YES										
L0000060		0	0.18952E-02	407461.6	3746643.0		0.0	3.49	24.65	3.25
YES										
L0000061		0	0.18952E-02	407514.6	3746642.9		0.0	3.49	24.65	3.25
YES										
L0000062		0	0.18952E-02	407567.6	3746642.8		0.0	3.49	24.65	3.25
YES										
L0000063		0	0.18952E-02	407620.6	3746642.6		0.0	3.49	24.65	3.25
YES										
L0000064		0	0.18952E-02	407673.6	3746642.5		0.0	3.49	24.65	3.25
YES										
L0000065		0	0.18952E-02	407726.6	3746642.3		0.0	3.49	24.65	3.25
YES										
L0000066		0	0.18952E-02	407779.6	3746642.2		0.0	3.49	24.65	3.25
YES										
L0000067		0	0.18952E-02	407832.6	3746642.0		0.0	3.49	24.65	3.25

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***          07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 18:55:26
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

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FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 18:55:26

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

SRCGROUP ID	SOURCE IDs


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L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 ,
L0000055 , L0000056 ,

L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 ,
L0000063 , L0000064 ,

L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,
L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,
L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 ,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

```

404203.6, 404253.6, 404303.6, 404353.6, 404403.6, 404453.6, 404503.6, 404553.6,
404603.6, 404653.6,
404703.6, 404753.6, 404803.6, 404853.6, 404903.6, 404953.6, 405003.6, 405053.6,
405103.6, 405153.6,
405203.6, 405253.6, 405303.6, 405353.6, 405403.6, 405453.6, 405503.6, 405553.6,
405603.6, 405653.6,
405703.6, 405753.6, 405803.6, 405853.6, 405903.6, 405953.6, 406003.6, 406053.6,
406103.6, 406153.6,
406203.6, 406253.6, 406303.6, 406353.6, 406403.6, 406453.6, 406503.6, 406553.6,
406603.6, 406653.6,
406703.6, 406753.6, 406803.6, 406853.6, 406903.6, 406953.6, 407003.6, 407053.6,
407103.6, 407153.6,
407203.6, 407253.6, 407303.6, 407353.6, 407403.6, 407453.6, 407503.6, 407553.6,
407603.6, 407653.6,
407703.6, 407753.6, 407803.6, 407853.6, 407903.6, 407953.6, 408003.6, 408053.6,
408103.6, 408153.6,
408203.6, 408253.6, 408303.6, 408353.6, 408403.6, 408453.6, 408503.6, 408553.6,
408603.6, 408653.6,
408703.6, 408753.6, 408803.6, 408853.6, 408903.6,

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*** Y-COORDINATES OF GRID ***
(METERS)

```

3746259.5, 3746309.5, 3746359.5, 3746409.5, 3746459.5, 3746509.5, 3746559.5, 3746609.5,
3746659.5, 3746709.5,
3746759.5, 3746809.5, 3746859.5, 3746909.5, 3746959.5, 3747009.5, 3747059.5, 3747109.5,
3747159.5, 3747209.5,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)					
(METERS)	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57	404553.57	404603.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

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FF *** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***                                     ***      18.55.26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)					
(METERS)	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
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***      18:55:26

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

* ELEVATION HEIGHTS IN METERS *

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

*** AERMOD - VERSION 22112 ***
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***

*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)		406003.57	406053.57	406103.57	406153.57	406203.57	406253.57
406303.57		406353.57	406403.57				

3747209.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00				
3747159.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00				
3747109.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00				
3747059.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00				
3747009.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00				
3746959.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00				
3746909.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00				
3746859.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00				
3746809.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00				
3746759.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00				
3746709.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00				
3746659.46		0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
406753.57	406803.57	406853.57			406603.57	406703.57

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00

```
0.00      0.00      0.00      0.00
3746409.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746359.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746309.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746259.46 |      0.00      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
	406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
407203.57	407253.57	407303.57				

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00

0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

PAGE 15

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
407653.57	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
407653.57	407703.57	407753.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

PAGE 16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408103.57	407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
	408153.57	408203.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408553.57	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
	408603.57	408653.57				

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 408703.57 408753.57 408803.57 408853.57 408903.57

3747209.46 | 0.00 0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00

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FF *** AERMOD - VERSION 22112 ***      C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***          07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 18:55:26
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Y-COORD	X-COORD (METERS)					
(METERS)	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57	404553.57	404603.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

```
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26
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PAGE 20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
404953.57	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
	405003.57	405053.57				

```
3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)					
(METERS)	405103.57	405153.57	405203.57	405253.57	405303.57	405353.57
405403.57	405453.57	405503.57				

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 ***
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
405853.57	405553.57	405603.57	405653.57	405703.57	405753.57	405803.57
	405903.57	405953.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
*** AERMOD - VERSION 22112 ***	*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK					
GP\14635 CONS	*** 07/06/23					
*** AERMET - VERSION 16216 ***						
***	*** 18:55:26					

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
406303.57	406003.57	406053.57	406103.57	406153.57	406203.57	406253.57
	406353.57	406403.57				

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***          07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 18:55:26
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

* HILL HEIGHT SCALES IN METERS *

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
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***      18:55:26

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

* HILL HEIGHT SCALES IN METERS *

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408103.57	408153.57	408203.57	407903.57	407953.57	408003.57	408053.57

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

```
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
* HILL HEIGHT SCALES IN METERS *
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Y-COORD (METERS)	X-COORD (METERS)					
	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
408553.57	408603.57	408653.57				

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			

PR *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)				X-COORD (METERS)	
	408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00

PR *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
L0000001	404403.6	3746909.5	-1.45
L0000001	404353.6	3746959.5	-10.96
L0000001	404403.6	3746959.5	-44.97
L0000001	404403.6	3747009.5	-3.28
L0000002	404403.6	3746909.5	-5.25
L0000002	404453.6	3746909.5	-23.92
L0000002	404403.6	3746959.5	-7.45
L0000002	404453.6	3746959.5	-27.69
L0000003	404453.6	3746909.5	-16.20
L0000003	404503.6	3746909.5	-39.28
L0000003	404503.6	3746959.5	-4.30
L0000004	404503.6	3746859.5	-8.14


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*** AERMOT - VERSION 22112 ***
GP\14635 CONS 07/06/23
*** AERMET - VERSION 16216 ***
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*** 18:55:26

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

SOURCE	- - RECEPTOR LOCATION - -	DISTANCE
ID	XR (METERS) YR (METERS)	(METERS)
L0000011	404853.6 3746759.5	-19.57
L0000011	404903.6 3746759.5	-13.16
L0000012	404903.6 3746709.5	-31.19
L0000012	404953.6 3746709.5	-22.86
L0000012	404903.6 3746759.5	-5.25
L0000012	404953.6 3746759.5	-0.91
L0000013	404953.6 3746659.5	-4.40
L0000013	405003.6 3746659.5	-1.28
L0000013	404953.6 3746709.5	-30.15
L0000013	405003.6 3746709.5	-24.10
L0000014	405003.6 3746659.5	-14.07
L0000014	405053.6 3746659.5	-12.09
L0000014	405003.6 3746709.5	-22.90
L0000014	405053.6 3746709.5	-20.38
L0000015	405053.6 3746659.5	-21.74
L0000015	405103.6 3746659.5	-21.70
L0000015	405053.6 3746709.5	-13.03
L0000015	405103.6 3746709.5	-13.00
L0000016	405103.6 3746659.5	-24.33
L0000016	405153.6 3746659.5	-28.25
L0000016	405103.6 3746709.5	-4.16

L0000016	405153.6	3746709.5	-6.36
L0000017	405153.6	3746659.5	-23.50
L0000017	405203.6	3746659.5	-32.43
L0000017	405203.6	3746709.5	-0.11
L0000018	405253.6	3746609.5	-3.59
L0000018	405203.6	3746659.5	-20.61
L0000018	405253.6	3746659.5	-34.72
L0000019	405303.6	3746609.5	-7.23
L0000019	405253.6	3746659.5	-17.28
L0000019	405303.6	3746659.5	-36.62
L0000020	405353.6	3746609.5	-10.08
L0000020	405303.6	3746659.5	-13.98
L0000020	405353.6	3746659.5	-38.14
L0000021	405403.6	3746609.5	-11.09
L0000021	405353.6	3746659.5	-10.99
L0000021	405403.6	3746659.5	-40.23
L0000022	405453.6	3746609.5	-11.92
L0000022	405403.6	3746659.5	-7.99
L0000022	405453.6	3746659.5	-41.89

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FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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***
18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000023	405503.6 3746609.5	-12.54
L0000023	405453.6 3746659.5	-5.00
L0000023	405503.6 3746659.5	-42.90
L0000023	405553.6 3746659.5	0.86
L0000024	405553.6 3746609.5	-12.93
L0000024	405503.6 3746659.5	-2.00
L0000024	405553.6 3746659.5	-43.06
L0000024	405603.6 3746659.5	-2.04
L0000025	405603.6 3746609.5	-13.11
L0000025	405603.6 3746659.5	-42.34
L0000025	405653.6 3746659.5	-4.91
L0000026	405653.6 3746609.5	-13.05
L0000026	405653.6 3746659.5	-40.88
L0000026	405703.6 3746659.5	-7.77
L0000027	405703.6 3746609.5	-12.78
L0000027	405703.6 3746659.5	-38.93
L0000027	405753.6 3746659.5	-10.61
L0000028	405753.6 3746609.5	-12.27
L0000028	405753.6 3746659.5	-36.65
L0000028	405803.6 3746659.5	-13.43
L0000029	405803.6 3746609.5	-11.56
L0000029	405853.6 3746609.5	-0.89
L0000029	405803.6 3746659.5	-34.16
L0000029	405853.6 3746659.5	-16.21
L0000030	405853.6 3746609.5	-10.64
L0000030	405903.6 3746609.5	-3.07
L0000030	405853.6 3746659.5	-31.54
L0000030	405903.6 3746659.5	-18.95
L0000031	405903.6 3746609.5	-9.44
L0000031	405953.6 3746609.5	-5.08

L0000031	405903.6	3746659.5	-28.88
L0000031	405953.6	3746659.5	-21.68
L0000032	405953.6	3746609.5	-7.92
L0000032	406003.6	3746609.5	-6.84
L0000032	405953.6	3746659.5	-26.22
L0000032	406003.6	3746659.5	-24.44
L0000033	406003.6	3746609.5	-6.25
L0000033	406053.6	3746609.5	-8.46
L0000033	406003.6	3746659.5	-23.50
L0000033	406053.6	3746659.5	-27.14

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000034	406053.6 3746609.5	-4.46
L0000034	406103.6 3746609.5	-9.93
L0000034	406053.6 3746659.5	-20.73
L0000034	406103.6 3746659.5	-29.76
L0000035	406103.6 3746609.5	-2.55
L0000035	406153.6 3746609.5	-11.23
L0000035	406103.6 3746659.5	-17.92
L0000035	406153.6 3746659.5	-32.29
L0000036	406153.6 3746609.5	-0.53
L0000036	406203.6 3746609.5	-12.36
L0000036	406153.6 3746659.5	-15.09
L0000036	406203.6 3746659.5	-34.67
L0000037	406253.6 3746609.5	-13.29
L0000037	406203.6 3746659.5	-12.23
L0000037	406253.6 3746659.5	-36.84
L0000038	406303.6 3746609.5	-14.08
L0000038	406253.6 3746659.5	-9.33
L0000038	406303.6 3746659.5	-38.66
L0000039	406353.6 3746609.5	-14.84
L0000039	406303.6 3746659.5	-6.37
L0000039	406353.6 3746659.5	-39.85
L0000040	406403.6 3746609.5	-15.37
L0000040	406353.6 3746659.5	-3.41
L0000040	406403.6 3746659.5	-40.42
L0000040	406453.6 3746659.5	0.46
L0000041	406453.6 3746609.5	-15.66
L0000041	406403.6 3746659.5	-0.44
L0000041	406453.6 3746659.5	-40.28
L0000041	406503.6 3746659.5	-2.39
L0000042	406503.6 3746609.5	-15.72
L0000042	406503.6 3746659.5	-39.45
L0000042	406553.6 3746659.5	-5.22
L0000043	406553.6 3746609.5	-15.53
L0000043	406553.6 3746659.5	-38.06
L0000043	406603.6 3746659.5	-8.03
L0000044	406603.6 3746609.5	-15.10
L0000044	406603.6 3746659.5	-36.23
L0000044	406653.6 3746659.5	-10.80
L0000045	406653.6 3746609.5	-14.44

 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000045	406653.6 3746659.5	-34.10
L0000045	406703.6 3746659.5	-13.55
L0000046	406703.6 3746609.5	-13.56
L0000046	406753.6 3746609.5	-3.46
L0000046	406703.6 3746659.5	-31.76
L0000046	406753.6 3746659.5	-16.25
L0000047	406753.6 3746609.5	-12.48
L0000047	406803.6 3746609.5	-5.66
L0000047	406753.6 3746659.5	-29.26
L0000047	406803.6 3746659.5	-18.90
L0000048	406803.6 3746609.5	-11.21
L0000048	406853.6 3746609.5	-7.77
L0000048	406803.6 3746659.5	-26.66
L0000048	406853.6 3746659.5	-21.48
L0000049	406853.6 3746609.5	-9.76
L0000049	406903.6 3746609.5	-9.77
L0000049	406853.6 3746659.5	-23.98
L0000049	406903.6 3746659.5	-23.99
L0000050	406903.6 3746609.5	-8.16
L0000050	406953.6 3746609.5	-11.65
L0000050	406903.6 3746659.5	-21.24
L0000050	406953.6 3746659.5	-26.38
L0000051	406953.6 3746609.5	-6.34
L0000051	407003.6 3746609.5	-13.29
L0000051	406953.6 3746659.5	-18.50
L0000051	407003.6 3746659.5	-28.71
L0000052	407003.6 3746609.5	-4.40
L0000052	407053.6 3746609.5	-14.77
L0000052	407003.6 3746659.5	-15.72
L0000052	407053.6 3746659.5	-30.88
L0000053	407053.6 3746609.5	-2.35
L0000053	407103.6 3746609.5	-16.06
L0000053	407053.6 3746659.5	-12.91
L0000053	407103.6 3746659.5	-32.83
L0000054	407103.6 3746609.5	-0.21
L0000054	407153.6 3746609.5	-17.14
L0000054	407103.6 3746659.5	-10.07
L0000054	407153.6 3746659.5	-34.50
L0000055	407203.6 3746609.5	-18.00
L0000055	407153.6 3746659.5	-7.22

 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
L0000055	407203.6	3746659.5	-35.80
L0000056	407253.6	3746609.5	-18.61
L0000056	407203.6	3746659.5	-4.34
L0000056	407253.6	3746659.5	-36.65
L0000057	407303.6	3746609.5	-18.97
L0000057	407253.6	3746659.5	-1.45
L0000057	407303.6	3746659.5	-36.98
L0000057	407353.6	3746659.5	0.45
L0000058	407353.6	3746609.5	-19.07
L0000058	407353.6	3746659.5	-36.74
L0000058	407403.6	3746659.5	-2.36
L0000059	407403.6	3746609.5	-18.90
L0000059	407403.6	3746659.5	-35.97
L0000059	407453.6	3746659.5	-5.15
L0000060	407453.6	3746609.5	-18.48
L0000060	407503.6	3746609.5	0.78
L0000060	407453.6	3746659.5	-34.73
L0000060	407503.6	3746659.5	-7.91
L0000061	407503.6	3746609.5	-17.79
L0000061	407553.6	3746609.5	-1.63
L0000061	407503.6	3746659.5	-33.11
L0000061	407553.6	3746659.5	-10.63
L0000062	407553.6	3746609.5	-16.88
L0000062	407603.6	3746609.5	-3.96
L0000062	407553.6	3746659.5	-31.20
L0000062	407603.6	3746659.5	-13.31
L0000063	407603.6	3746609.5	-15.74
L0000063	407653.6	3746609.5	-6.22
L0000063	407603.6	3746659.5	-29.06
L0000063	407653.6	3746659.5	-15.95
L0000064	407653.6	3746609.5	-14.40
L0000064	407703.6	3746609.5	-8.39
L0000064	407653.6	3746659.5	-26.75
L0000064	407703.6	3746659.5	-18.52
L0000065	407703.6	3746609.5	-12.88
L0000065	407753.6	3746609.5	-10.46
L0000065	407703.6	3746659.5	-24.32
L0000065	407753.6	3746659.5	-21.02
L0000066	407753.6	3746609.5	-11.20
L0000066	407803.6	3746609.5	-12.42

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE	- - RECEPTOR LOCATION - -		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
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***      18:55:26

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

SOURCE	- - RECEPTOR LOCATION - -	DISTANCE
ID	XR (METERS) YR (METERS)	(METERS)
L0000077	408353.6 3746659.5	-34.92
L0000077	408403.6 3746659.5	-9.10
L0000078	408403.6 3746609.5	-16.48
L0000078	408453.6 3746609.5	-1.68
L0000078	408403.6 3746659.5	-33.39
L0000078	408453.6 3746659.5	-11.95
L0000079	408453.6 3746609.5	-15.22
L0000079	408503.6 3746609.5	-3.73
L0000079	408453.6 3746659.5	-31.55

[illegible]

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

[illegible]

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*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
(METERS/SEC)

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***      07/06/23  
*** AERMET - VERSION 16216 ***  
***  
***  
***  
***  
***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

Met

Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_V9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166
Name: UNKNOWN
UNKNOWN
Year: 2012

Upper air station no.: 3190
Name:
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	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96		
322.		10.1		283.8	2.0												
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52		
13.		10.1		283.1	2.0												
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
73.		10.1		282.0	2.0												
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91		
98.		10.1		281.4	2.0												
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00		
0.		10.1		280.9	2.0												
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55		
80.		10.1		280.4	2.0												
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69		
201.		10.1		280.4	2.0												
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52		
72.		10.1		280.9	2.0												
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00		
0.		10.1		285.9	2.0												
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79		
268.		10.1		289.9	2.0												
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70		
273.		10.1		294.2	2.0												
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74		
230.		10.1		297.5	2.0												
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20		
227.		10.1		300.4	2.0												
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47		
233.		10.1		300.9	2.0												
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20		
233.		10.1		302.0	2.0												
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91		
229.		10.1		298.1	2.0												
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37		
212.		10.1		294.2	2.0												
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91		
190.		10.1		292.0	2.0												
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70		
302.		10.1		289.2	2.0												
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87		
338.		10.1		288.1	2.0												
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11		
304.		10.1		287.0	2.0												
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
76.		10.1		285.4	2.0												
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62		
306.		10.1		284.9	2.0												
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82		

318. 10.1 283.8 2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	404203.57	404253.57
404353.57	404403.57	404303.57

3747209.5	0.24792m(13010324)	0.27383m(13010324)	0.30149m(13010324)
0.32886m(13010324)	0.35318m(13010324)		
3747159.5	0.27259m(13010324)	0.30801m(13010324)	0.34799m(13010324)
0.38898m(13010324)	0.42471m(13010324)		
3747109.5	0.30057m(13010324)	0.35054m(13010324)	0.41278m(13010324)
0.48201m(13010324)	0.54144m(13010324)		
3747059.5	0.33019m(13010324)	0.40144m(13010324)	0.50605m(13010324)
0.64826m(13010324)	0.77352m(13010324)		
3747009.5	0.35703m(13010324)	0.45371m(13010324)	0.63138m(13010324)
1.02266m(13010324)	0.81561m(13010324)		
3746959.5	0.37422m(13010324)	0.48761m(13010324)	0.72573m(13010324)
0.71131m(13010324)	0.66566m(13010324)		
3746909.5	0.37697m(13010324)	0.48623m(13010324)	0.69256m(13010324)
1.16965m(13010324)	0.76903m(13010324)		
3746859.5	0.36684m(13010324)	0.45848m(13010324)	0.60396m(13010324)
0.83995m(13010324)	1.19650m(13010324)		
3746809.5	0.34915m(13010324)	0.42200m(13010324)	0.52401m(13010324)
0.66508m(13010324)	0.85183m(13010324)		
3746759.5	0.32859m(13010324)	0.38614m(13010324)	0.46049m(13010324)
0.55498m(13010324)	0.67174m(13010324)		
3746709.5	0.30783m(13010324)	0.35380m(13010324)	0.41014m(13010324)
0.47817m(13010324)	0.55872m(13010324)		
3746659.5	0.28810m(13010324)	0.32540m(13010324)	0.36947m(13010324)
0.42090m(13010324)	0.48004m(13010324)		
3746609.5	0.26985m(13010324)	0.30059m(13010324)	0.33595m(13010324)
0.37621m(13010324)	0.42151m(13010324)		
3746559.5	0.25318m(13010324)	0.27886m(13010324)	0.30782m(13010324)
0.34017m(13010324)	0.37596m(13010324)		

3746509.5 | 0.23801m(13010324) 0.25974m(13010324) 0.28384m(13010324)
0.31037m(13010324) 0.33933m(13010324)
3746459.5 | 0.22423m(13010324) 0.24280m(13010324) 0.26313m(13010324)
0.28525m(13010324) 0.30912m(13010324)
3746409.5 | 0.21169m(13010324) 0.22771m(13010324) 0.24506m(13010324)
0.26375m(13010324) 0.28374m(13010324)
3746359.5 | 0.20025m(13010324) 0.21419m(13010324) 0.22915m(13010324)
0.24513m(13010324) 0.26207m(13010324)
3746309.5 | 0.18981m(13010324) 0.20202m(13010324) 0.21503m(13010324)
0.22882m(13010324) 0.24334m(13010324)
3746259.5 | 0.18024m(13010324) 0.19101m(13010324) 0.20241m(13010324)
0.21441m(13010324) 0.22697m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM 10 IN
MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 404453.57 404503.57 404553.57
404603.57 404653.57

3747209.5 | 0.37210m(13010324) 0.38471m(13010324) 0.39161m(13010324)
0.39409m(13010324) 0.39354m(13010324)
3747159.5 | 0.44968m(13010324) 0.46278m(13010324) 0.46647m(13010324)
0.46403m(13010324) 0.45811m(13010324)
3747109.5 | 0.57480m(13010324) 0.58310m(13010324) 0.57622m(13010324)
0.56217m(13010324) 0.54554m(13010324)
3747059.5 | 0.80945m(13010324) 0.78774m(13010324) 0.74841m(13010324)
0.70705m(13010324) 0.66876m(13010324)
3747009.5 | 1.36786m(13010324) 1.18724m(13010324) 1.04538m(13010324)
0.93686m(13010324) 0.85274m(13010324)
3746959.5 | 1.65087m(13010324) 1.49149m(13010324) 1.65594m(13010324)
1.35086m(13010324) 1.15533m(13010324)
3746909.5 | 1.08440m(13010324) 1.28435m(13010324) 1.94593m(13010324)
1.63593m(13010324) 1.75983m(13010324)
3746859.5 | 1.71083m(13010324) 1.73138m(13010324) 1.29845m(13010324)
1.39010m(13010324) 1.40078m(13010324)
3746809.5 | 1.09114m(13010324) 1.40749m(13010324) 1.87325m(13010324)
1.80356m(13010324) 1.39033m(13010324)
3746759.5 | 0.81287m(13010324) 0.98431m(13010324) 1.20082m(13010324)
1.49443m(13010324) 1.93771m(13010324)
3746709.5 | 0.65260m(13010324) 0.76171m(13010324) 0.89035m(13010324)
1.04666m(13010324) 1.24456m(13010324)
3746659.5 | 0.54721m(13010324) 0.62308m(13010324) 0.70906m(13010324)
0.80769m(13010324) 0.92278m(13010324)

3746609.5 | 0.47197m(13010324) 0.52780m(13010324) 0.58945m(13010324)
0.65773m(13010324) 0.73381m(13010324)
3746559.5 | 0.41522m(13010324) 0.45796m(13010324) 0.50429m(13010324)
0.55442m(13010324) 0.60865m(13010324)
3746509.5 | 0.37069m(13010324) 0.40439m(13010324) 0.44042m(13010324)
0.47875m(13010324) 0.51940m(13010324)
3746459.5 | 0.33470m(13010324) 0.36191m(13010324) 0.39066m(13010324)
0.42088m(13010324) 0.45246m(13010324)
3746409.5 | 0.30496m(13010324) 0.32733m(13010324) 0.35077m(13010324)
0.37516m(13010324) 0.40038m(13010324)
3746359.5 | 0.27992m(13010324) 0.29861m(13010324) 0.31804m(13010324)
0.33811m(13010324) 0.35870m(13010324)
3746309.5 | 0.25854m(13010324) 0.27436m(13010324) 0.29070m(13010324)
0.30748m(13010324) 0.32459m(13010324)
3746259.5 | 0.24006m(13010324) 0.25359m(13010324) 0.26751m(13010324)
0.28173m(13010324) 0.29616m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 404703.57 404753.57 404803.57
404853.57 404903.57

3747209.5 | 0.39108m(13010324) 0.38756m(13010324) 0.38356m(13010324)
0.37946m(13010324) 0.37551m(13010324)
3747159.5 | 0.45051m(13010324) 0.44235m(13010324) 0.43429m(13010324)
0.42672m(13010324) 0.41984m(13010324)
3747109.5 | 0.52867m(13010324) 0.51273m(13010324) 0.49823m(13010324)
0.48539m(13010324) 0.47420m(13010324)
3747059.5 | 0.63495m(13010324) 0.60578m(13010324) 0.58093m(13010324)
0.55993m(13010324) 0.54230m(13010324)
3747009.5 | 0.78657m(13010324) 0.73394m(13010324) 0.69175m(13010324)
0.65771m(13010324) 0.63016m(13010324)
3746959.5 | 1.02000m(13010324) 0.92187m(13010324) 0.84837m(13010324)
0.79207m(13010324) 0.74831m(13010324)
3746909.5 | 1.43298m(13010324) 1.22848m(13010324) 1.08968m(13010324)
0.99045m(13010324) 0.91738m(13010324)
3746859.5 | 1.71765m(13010324) 1.84576m(13010324) 1.52430m(13010324)
1.32134m(13010324) 1.18499m(13010324)
3746809.5 | 1.44139m(13010324) 1.42879m(13010324) 1.84503m(13010324)
2.02396m(13010324) 1.69472m(13010324)
3746759.5 | 1.80952m(13010324) 1.44272m(13010324) 1.48259m(13010324)
1.47499m(13010324) 1.42937m(13010324)

3746709.5 | 1.50771m(13010324) 1.88228m(13010324) 1.73557m(13010324)
1.43810m(13010324) 1.49388m(13010324)
3746659.5 | 1.05990m(13010324) 1.22741m(13010324) 1.43784m(13010324)
1.70722m(13010324) 2.05610m(13010324)
3746609.5 | 0.81921m(13010324) 0.91578m(13010324) 1.02542m(13010324)
1.14938m(13010324) 1.28782m(13010324)
3746559.5 | 0.66733m(13010324) 0.73077m(13010324) 0.79906m(13010324)
0.87193m(13010324) 0.94866m(13010324)
3746509.5 | 0.56233m(13010324) 0.60746m(13010324) 0.65456m(13010324)
0.70324m(13010324) 0.75293m(13010324)
3746459.5 | 0.48527m(13010324) 0.51914m(13010324) 0.55382m(13010324)
0.58896m(13010324) 0.62417m(13010324)
3746409.5 | 0.42629m(13010324) 0.45270m(13010324) 0.47940m(13010324)
0.50612m(13010324) 0.53257m(13010324)
3746359.5 | 0.37967m(13010324) 0.40087m(13010324) 0.42211m(13010324)
0.44320m(13010324) 0.46391m(13010324)
3746309.5 | 0.34191m(13010324) 0.35930m(13010324) 0.37663m(13010324)
0.39375m(13010324) 0.41047m(13010324)
3746259.5 | 0.31069m(13010324) 0.32523m(13010324) 0.33965m(13010324)
0.35384m(13010324) 0.36768m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 404953.57 405003.57 405053.57
405103.57 405153.57

3747209.5 | 0.37187m(13010324) 0.36861m(13010324) 0.36578m(13010324)
0.36339m(13010324) 0.36143m(13010324)
3747159.5 | 0.41374m(13010324) 0.40844m(13010324) 0.40393m(13010324)
0.40017m(13010324) 0.39709m(13010324)
3747109.5 | 0.46459m(13010324) 0.45645m(13010324) 0.44963m(13010324)
0.44402m(13010324) 0.43946m(13010324)
3747059.5 | 0.52760m(13010324) 0.51542m(13010324) 0.50540m(13010324)
0.49725m(13010324) 0.49071m(13010324)
3747009.5 | 0.60784m(13010324) 0.58976m(13010324) 0.57516m(13010324)
0.56343m(13010324) 0.55412m(13010324)
3746959.5 | 0.71398m(13010324) 0.68688m(13010324) 0.66538m(13010324)
0.64837m(13010324) 0.63504m(13010324)
3746909.5 | 0.86245m(13010324) 0.82041m(13010324) 0.78779m(13010324)
0.76238m(13010324) 0.74275m(13010324)
3746859.5 | 1.08918m(13010324) 1.01911m(13010324) 0.96622m(13010324)
0.92580m(13010324) 0.89517m(13010324)

3746809.5		1.49295m(13010324)	1.35701m(13010324)	1.25868m(13010324)
1.18578m(13010324)		1.13238m(13010324)		
3746759.5		1.85359m(13010324)	2.10966m(13010324)	1.85789m(13010324)
1.68533m(13010324)		1.56899m(13010324)		
3746709.5		1.51535m(13010324)	1.50827m(13010324)	1.48616m(13010324)
1.45523m(13010324)		1.96899m(13010324)		
3746659.5		1.78602m(13010324)	1.41129m(13010324)	1.46307m(13010324)
1.50144m(13010324)		1.53059m(13010324)		
3746609.5		1.44070m(13010324)	1.61149m(13010324)	1.80781m(13010324)
2.02363m(13010324)		2.24892m(13010324)		
3746559.5		1.02853m(13010324)	1.11119m(13010324)	1.19610m(13010324)
1.28067m(13010324)		1.36079m(13010324)		
3746509.5		0.80303m(13010324)	0.85294m(13010324)	0.90184m(13010324)
0.94848m(13010324)		0.99117m(13010324)		
3746459.5		0.65900m(13010324)	0.69297m(13010324)	0.72553m(13010324)
0.75599m(13010324)		0.78359m(13010324)		
3746409.5		0.55844m(13010324)	0.58338m(13010324)	0.60703m(13010324)
0.62900m(13010324)		0.64890m(13010324)		
3746359.5		0.48403m(13010324)	0.50330m(13010324)	0.52150m(13010324)
0.53838m(13010324)		0.55375m(13010324)		
3746309.5		0.42665m(13010324)	0.44211m(13010324)	0.45669m(13010324)
0.47024m(13010324)		0.48264m(13010324)		
3746259.5		0.38102m(13010324)	0.39377m(13010324)	0.40580m(13010324)
0.41702m(13010324)		0.42734m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM 10 IN
MICROGRAMS/M**3 **

Y-COORD			X-COORD (METERS)
(METERS)		405203.57 405253.57	405303.57
405353.57		405403.57	

3747209.5		0.35987m(13010324)	0.35868m(13010324)	0.35783m(13010324)
0.35727m(13010324)		0.35696m(13010324)		
3747159.5		0.39464m(13010324)	0.39275m(13010324)	0.39136m(13010324)
0.39039m(13010324)		0.38978m(13010324)		
3747109.5		0.43585m(13010324)	0.43307m(13010324)	0.43099m(13010324)
0.42951m(13010324)		0.42853m(13010324)		
3747059.5		0.48556m(13010324)	0.48160m(13010324)	0.47865m(13010324)
0.47654m(13010324)		0.47512m(13010324)		
3747009.5		0.54686m(13010324)	0.54133m(13010324)	0.53725m(13010324)
0.53435m(13010324)		0.53239m(13010324)		
3746959.5		0.62477m(13010324)	0.61705m(13010324)	0.61144m(13010324)
0.60751m(13010324)		0.60489m(13010324)		

3746909.5 | 0.72787m(13010324) 0.71691m(13010324) 0.70911m(13010324)
0.70379m(13010324) 0.70033m(13010324)
3746859.5 | 0.87249m(13010324) 0.85624m(13010324) 0.84506m(13010324)
0.83772m(13010324) 0.83314m(13010324)
3746809.5 | 1.09424m(13010324) 1.06804m(13010324) 1.05088m(13010324)
1.04024m(13010324) 1.03403m(13010324)
3746759.5 | 1.49077m(13010324) 1.44080m(13010324) 1.41028m(13010324)
1.39269m(13010324) 1.38364m(13010324)
3746709.5 | 1.85426m(13010324) 2.33393m(13010324) 2.25509m(13010324)
2.21161m(13010324) 2.19648m(13010324)
3746659.5 | 1.55194m(13010324) 1.56937m(13010324) 1.58672m(13010324)
1.60904m(13010324) 1.63643m(13010324)
3746609.5 | 2.46116m(13010324) 1.92926m(13010324) 1.95615m(13010324)
1.95509m(13010324) 1.95512m(13010324)
3746559.5 | 1.43089m(13010324) 1.48593m(13010324) 1.52565m(13010324)
1.55202m(13010324) 1.56769m(13010324)
3746509.5 | 1.02811m(13010324) 1.05805m(13010324) 1.08093m(13010324)
1.09755m(13010324) 1.10928m(13010324)
3746459.5 | 0.80764m(13010324) 0.82772m(13010324) 0.84382m(13010324)
0.85636m(13010324) 0.86598m(13010324)
3746409.5 | 0.66644m(13010324) 0.68143m(13010324) 0.69391m(13010324)
0.70409m(13010324) 0.71232m(13010324)
3746359.5 | 0.56743m(13010324) 0.57936m(13010324) 0.58956m(13010324)
0.59817m(13010324) 0.60537m(13010324)
3746309.5 | 0.49380m(13010324) 0.50368m(13010324) 0.51231m(13010324)
0.51976m(13010324) 0.52616m(13010324)
3746259.5 | 0.43672m(13010324) 0.44513m(13010324) 0.45259m(13010324)
0.45915m(13010324) 0.46489m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

PAGE 45
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE 1ST HIGHEST 24-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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM_10 IN **
MICROGRAMS/M**3
Y-COORD | X-COORD (METERS)
(METERS) | 405453.57 405503.57 405553.57
405603.57 405653.57
- - - - -
3747209.5 | 0.35686m(13010324) 0.35693m(13010324) 0.35713m(13010324)
0.35744m(13010324) 0.35781m(13010324)
3747159.5 | 0.38945m(13010324) 0.38937m(13010324) 0.38946m(13010324)
0.38969m(13010324) 0.39001m(13010324)
3747109.5 | 0.42795m(13010324) 0.42768m(13010324) 0.42766m(13010324)
0.42781m(13010324) 0.42808m(13010324)
3747059.5 | 0.47424m(13010324) 0.47377m(13010324) 0.47361m(13010324)
0.47368m(13010324) 0.47391m(13010324)

3747009.5		0.53116m(13010324)	0.53047m(13010324)	0.53018m(13010324)
0.53016m(13010324)		0.53034m(13010324)		
3746959.5		0.60325m(13010324)	0.60232m(13010324)	0.60188m(13010324)
0.60177m(13010324)		0.60189m(13010324)		
3746909.5		0.69821m(13010324)	0.69701m(13010324)	0.69642m(13010324)
0.69621m(13010324)		0.69625m(13010324)		
3746859.5		0.83044m(13010324)	0.82893m(13010324)	0.82815m(13010324)
0.82779m(13010324)		0.82769m(13010324)		
3746809.5		1.03057m(13010324)	1.02865m(13010324)	1.02755m(13010324)
1.02688m(13010324)		1.02644m(13010324)		
3746759.5		1.37896m(13010324)	1.37616m(13010324)	1.37419m(13010324)
1.37259m(13010324)		1.37115m(13010324)		
3746709.5		2.18845m(13010324)	2.18201m(13010324)	2.17590m(13010324)
2.16975m(13010324)		2.16347m(13010324)		
3746659.5		1.67305m(13010324)	1.71723m(13010324)	1.76703m(13010324)
1.71693m(13010324)		1.67550m(13010324)		
3746609.5		1.95187m(13010324)	1.95163m(13010324)	1.95572m(13010324)
1.96471m(13010324)		1.97896m(13010324)		
3746559.5		1.57810m(13010324)	1.58629m(13010324)	1.59338m(13010324)
1.59983m(13010324)		1.60586m(13010324)		
3746509.5		1.11780m(13010324)	1.12443m(13010324)	1.12993m(13010324)
1.13470m(13010324)		1.13896m(13010324)		
3746459.5		0.87344m(13010324)	0.87940m(13010324)	0.88434m(13010324)
0.88855m(13010324)		0.89224m(13010324)		
3746409.5		0.71899m(13010324)	0.72448m(13010324)	0.72907m(13010324)
0.73300m(13010324)		0.73641m(13010324)		
3746359.5		0.61140m(13010324)	0.61647m(13010324)	0.62078m(13010324)
0.62450m(13010324)		0.62773m(13010324)		
3746309.5		0.53163m(13010324)	0.53633m(13010324)	0.54039m(13010324)
0.54392m(13010324)		0.54700m(13010324)		
3746259.5		0.46989m(13010324)	0.47425m(13010324)	0.47806m(13010324)
0.48141m(13010324)		0.48436m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

PAGE 46
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE 1ST HIGHEST 24-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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)		405703.57	405753.57
405853.57		405903.57	405803.57

3747209.5		0.35823m(13010324)	0.35867m(13010324)
0.35958m(13010324)		0.36002m(13010324)	0.35913m(13010324)
3747159.5		0.39041m(13010324)	0.39083m(13010324)
0.39173m(13010324)		0.39217m(13010324)	0.39128m(13010324)

3747109.5		0.42845m(13010324)	0.42886m(13010324)	0.42930m(13010324)
0.42975m(13010324)		0.43019m(13010324)		
3747059.5		0.47424m(13010324)	0.47463m(13010324)	0.47507m(13010324)
0.47551m(13010324)		0.47596m(13010324)		
3747009.5		0.53063m(13010324)	0.53101m(13010324)	0.53143m(13010324)
0.53187m(13010324)		0.53231m(13010324)		
3746959.5		0.60215m(13010324)	0.60249m(13010324)	0.60288m(13010324)
0.60330m(13010324)		0.60373m(13010324)		
3746909.5		0.69643m(13010324)	0.69671m(13010324)	0.69704m(13010324)
0.69741m(13010324)		0.69780m(13010324)		
3746859.5		0.82773m(13010324)	0.82785m(13010324)	0.82804m(13010324)
0.82828m(13010324)		0.82858m(13010324)		
3746809.5		1.02612m(13010324)	1.02587m(13010324)	1.02569m(13010324)
1.02560m(13010324)		1.02566m(13010324)		
3746759.5		1.36979m(13010324)	1.36846m(13010324)	1.36721m(13010324)
1.36614m(13010324)		1.36547m(13010324)		
3746709.5		2.15708m(13010324)	2.15064m(13010324)	2.14430m(13010324)
2.13842m(13010324)		2.13418m(13010324)		
3746659.5		1.64161m(13010324)	1.61436m(13010324)	1.59313m(13010324)
1.57754m(13010324)		1.56722m(13010324)		
3746609.5		1.99872m(13010324)	2.02424m(13010324)	2.05566m(13010324)
1.45307m(13010324)		1.44807m(13010324)		
3746559.5		1.61157m(13010324)	1.61699m(13010324)	1.62212m(13010324)
1.62677m(13010324)		1.63052m(13010324)		
3746509.5		1.14284m(13010324)	1.14639m(13010324)	1.14962m(13010324)
1.15248m(13010324)		1.15489m(13010324)		
3746459.5		0.89551m(13010324)	0.89844m(13010324)	0.90106m(13010324)
0.90336m(13010324)		0.90536m(13010324)		
3746409.5		0.73941m(13010324)	0.74207m(13010324)	0.74442m(13010324)
0.74650m(13010324)		0.74832m(13010324)		
3746359.5		0.63057m(13010324)	0.63308m(13010324)	0.63530m(13010324)
0.63726m(13010324)		0.63899m(13010324)		
3746309.5		0.54972m(13010324)	0.55212m(13010324)	0.55425m(13010324)
0.55613m(13010324)		0.55780m(13010324)		
3746259.5		0.48696m(13010324)	0.48928m(13010324)	0.49133m(13010324)
0.49316m(13010324)		0.49478m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)		405953.57	406003.57
406103.57		406153.57	406053.57

3747209.5 | 0.36043m(13010324) 0.36081m(13010324) 0.36116m(13010324)
0.36146m(13010324) 0.36171m(13010324)
3747159.5 | 0.39259m(13010324) 0.39298m(13010324) 0.39333m(13010324)
0.39364m(13010324) 0.39390m(13010324)
3747109.5 | 0.43062m(13010324) 0.43101m(13010324) 0.43137m(13010324)
0.43168m(13010324) 0.43195m(13010324)
3747059.5 | 0.47639m(13010324) 0.47679m(13010324) 0.47716m(13010324)
0.47748m(13010324) 0.47775m(13010324)
3747009.5 | 0.53274m(13010324) 0.53315m(13010324) 0.53353m(13010324)
0.53386m(13010324) 0.53413m(13010324)
3746959.5 | 0.60416m(13010324) 0.60457m(13010324) 0.60496m(13010324)
0.60530m(13010324) 0.60557m(13010324)
3746909.5 | 0.69822m(13010324) 0.69863m(13010324) 0.69902m(13010324)
0.69937m(13010324) 0.69965m(13010324)
3746859.5 | 0.82894m(13010324) 0.82934m(13010324) 0.82974m(13010324)
0.83010m(13010324) 0.83039m(13010324)
3746809.5 | 1.02589m(13010324) 1.02624m(13010324) 1.02665m(13010324)
1.02704m(13010324) 1.02735m(13010324)
3746759.5 | 1.36535m(13010324) 1.36564m(13010324) 1.36608m(13010324)
1.36652m(13010324) 1.36687m(13010324)
3746709.5 | 2.13258m(13010324) 2.13275m(13010324) 2.13342m(13010324)
2.13428m(13010324) 2.13519m(13010324)
3746659.5 | 1.56163m(13010324) 1.56074m(13010324) 1.56468m(13010324)
1.57336m(13010324) 1.58691m(13010324)
3746609.5 | 1.44596m(13010324) 1.44651m(13010324) 1.44943m(13010324)
1.45504m(13010324) 1.46349m(13010324)
3746559.5 | 1.63302m(13010324) 1.63459m(13010324) 1.63573m(13010324)
1.63669m(13010324) 1.63756m(13010324)
3746509.5 | 1.15679m(13010324) 1.15826m(13010324) 1.15945m(13010324)
1.16045m(13010324) 1.16135m(13010324)
3746459.5 | 0.90704m(13010324) 0.90844m(13010324) 0.90963m(13010324)
0.91065m(13010324) 0.91157m(13010324)
3746409.5 | 0.74990m(13010324) 0.75126m(13010324) 0.75243m(13010324)
0.75346m(13010324) 0.75438m(13010324)
3746359.5 | 0.64050m(13010324) 0.64183m(13010324) 0.64300m(13010324)
0.64402m(13010324) 0.64493m(13010324)
3746309.5 | 0.55928m(13010324) 0.56058m(13010324) 0.56173m(13010324)
0.56275m(13010324) 0.56364m(13010324)
3746259.5 | 0.49622m(13010324) 0.49750m(13010324) 0.49863m(13010324)
0.49963m(13010324) 0.50052m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 406203.57 406253.57 406303.57

406353.57

406403.57

3747209.5 | 0.36191m(13010324) 0.36206m(13010324) 0.36215m(13010324)
0.36217m(13010324) 0.36214m(13010324)
3747159.5 | 0.39410m(13010324) 0.39425m(13010324) 0.39433m(13010324)
0.39435m(13010324) 0.39431m(13010324)
3747109.5 | 0.43215m(13010324) 0.43230m(13010324) 0.43238m(13010324)
0.43239m(13010324) 0.43233m(13010324)
3747059.5 | 0.47796m(13010324) 0.47810m(13010324) 0.47817m(13010324)
0.47816m(13010324) 0.47809m(13010324)
3747009.5 | 0.53434m(13010324) 0.53447m(13010324) 0.53453m(13010324)
0.53450m(13010324) 0.53439m(13010324)
3746959.5 | 0.60578m(13010324) 0.60590m(13010324) 0.60592m(13010324)
0.60585m(13010324) 0.60569m(13010324)
3746909.5 | 0.69985m(13010324) 0.69994m(13010324) 0.69992m(13010324)
0.69978m(13010324) 0.69952m(13010324)
3746859.5 | 0.83058m(13010324) 0.83062m(13010324) 0.83051m(13010324)
0.83023m(13010324) 0.82979m(13010324)
3746809.5 | 1.02752m(13010324) 1.02749m(13010324) 1.02718m(13010324)
1.02660m(13010324) 1.02579m(13010324)
3746759.5 | 1.36703m(13010324) 1.36683m(13010324) 1.36606m(13010324)
1.36467m(13010324) 1.36289m(13010324)
3746709.5 | 2.13596m(13010324) 2.13602m(13010324) 2.13413m(13010324)
2.12960m(13010324) 2.12411m(13010324)
3746659.5 | 1.60556m(13010324) 1.62965m(13010324) 1.65978m(13010324)
1.69643m(13010324) 1.73983m(13010324)
3746609.5 | 2.06675m(13010324) 2.04398m(13010324) 2.02851m(13010324)
2.01844m(13010324) 2.01492m(13010324)
3746559.5 | 1.63846m(13010324) 1.63969m(13010324) 1.64170m(13010324)
1.64462m(13010324) 1.64796m(13010324)
3746509.5 | 1.16224m(13010324) 1.16322m(13010324) 1.16440m(13010324)
1.16580m(13010324) 1.16734m(13010324)
3746459.5 | 0.91244m(13010324) 0.91329m(13010324) 0.91418m(13010324)
0.91512m(13010324) 0.91607m(13010324)
3746409.5 | 0.75522m(13010324) 0.75601m(13010324) 0.75676m(13010324)
0.75749m(13010324) 0.75820m(13010324)
3746359.5 | 0.64575m(13010324) 0.64649m(13010324) 0.64717m(13010324)
0.64780m(13010324) 0.64837m(13010324)
3746309.5 | 0.56444m(13010324) 0.56515m(13010324) 0.56579m(13010324)
0.56635m(13010324) 0.56685m(13010324)
3746259.5 | 0.50130m(13010324) 0.50199m(13010324) 0.50259m(13010324)
0.50311m(13010324) 0.50356m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN

Y-COORD (METERS)			X-COORD (METERS)
406603.57	406453.57	406503.57	406553.57

3747209.5	0.36204m(13010324)	0.36188m(13010324)	0.36165m(13010324)
0.36136m(13010324)	0.36100m(13010324)		
3747159.5	0.39420m(13010324)	0.39402m(13010324)	0.39378m(13010324)
0.39346m(13010324)	0.39308m(13010324)		
3747109.5	0.43220m(13010324)	0.43201m(13010324)	0.43174m(13010324)
0.43140m(13010324)	0.43098m(13010324)		
3747059.5	0.47793m(13010324)	0.47770m(13010324)	0.47740m(13010324)
0.47702m(13010324)	0.47657m(13010324)		
3747009.5	0.53419m(13010324)	0.53392m(13010324)	0.53356m(13010324)
0.53313m(13010324)	0.53263m(13010324)		
3746959.5	0.60543m(13010324)	0.60508m(13010324)	0.60465m(13010324)
0.60414m(13010324)	0.60355m(13010324)		
3746909.5	0.69915m(13010324)	0.69869m(13010324)	0.69813m(13010324)
0.69749m(13010324)	0.69677m(13010324)		
3746859.5	0.82923m(13010324)	0.82855m(13010324)	0.82778m(13010324)
0.82692m(13010324)	0.82597m(13010324)		
3746809.5	1.02482m(13010324)	1.02372m(13010324)	1.02251m(13010324)
1.02122m(13010324)	1.01984m(13010324)		
3746759.5	1.36088m(13010324)	1.35875m(13010324)	1.35651m(13010324)
1.35418m(13010324)	1.35178m(13010324)		
3746709.5	2.11820m(13010324)	2.11202m(13010324)	2.10564m(13010324)
2.09912m(13010324)	2.09251m(13010324)		
3746659.5	1.75291m(13010324)	1.70561m(13010324)	1.66625m(13010324)
1.63388m(13010324)	1.60774m(13010324)		
3746609.5	2.01744m(13010324)	2.02610m(13010324)	2.04114m(13010324)
2.06275m(13010324)	2.09119m(13010324)		
3746559.5	1.65139m(13010324)	1.65481m(13010324)	1.65819m(13010324)
1.66151m(13010324)	1.66475m(13010324)		
3746509.5	1.16892m(13010324)	1.17048m(13010324)	1.17198m(13010324)
1.17343m(13010324)	1.17480m(13010324)		
3746459.5	0.91702m(13010324)	0.91793m(13010324)	0.91878m(13010324)
0.91956m(13010324)	0.92027m(13010324)		
3746409.5	0.75886m(13010324)	0.75947m(13010324)	0.76002m(13010324)
0.76049m(13010324)	0.76089m(13010324)		
3746359.5	0.64888m(13010324)	0.64934m(13010324)	0.64972m(13010324)
0.65003m(13010324)	0.65025m(13010324)		
3746309.5	0.56728m(13010324)	0.56764m(13010324)	0.56792m(13010324)
0.56813m(13010324)	0.56826m(13010324)		
3746259.5	0.50394m(13010324)	0.50424m(13010324)	0.50446m(13010324)
0.50460m(13010324)	0.50467m(13010324)		

FF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR			
SOURCE GROUP: ALL ***			
INCLUDING SOURCE(S):			
	L0000001	L0000002	
	L0000003	L0000004	L0000005
L0000006	L0000007	L0000008	L0000009
L0000011	L0000012	L0000013	L0000010
L0000014	L0000015	L0000016	L0000017
L0000019	L0000020	L0000021	L0000018
L0000022	L0000023	L0000024	L0000025
L0000027	L0000028	.	.

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD (METERS)			X-COORD (METERS)
406853.57	406703.57	406753.57	406803.57

3747209.5	0.36057m(13010324)	0.36008m(13010324)	0.35951m(13010324)
0.35887m(13010324)	0.35816m(13010324)		
3747159.5	0.39263m(13010324)	0.39211m(13010324)	0.39151m(13010324)
0.39085m(13010324)	0.39010m(13010324)		
3747109.5	0.43050m(13010324)	0.42995m(13010324)	0.42932m(13010324)
0.42862m(13010324)	0.42784m(13010324)		
3747059.5	0.47605m(13010324)	0.47545m(13010324)	0.47478m(13010324)
0.47403m(13010324)	0.47321m(13010324)		
3747009.5	0.53205m(13010324)	0.53139m(13010324)	0.53066m(13010324)
0.52986m(13010324)	0.52898m(13010324)		
3746959.5	0.60289m(13010324)	0.60215m(13010324)	0.60134m(13010324)
0.60045m(13010324)	0.59949m(13010324)		
3746909.5	0.69597m(13010324)	0.69510m(13010324)	0.69416m(13010324)
0.69315m(13010324)	0.69207m(13010324)		
3746859.5	0.82495m(13010324)	0.82386m(13010324)	0.82270m(13010324)
0.82148m(13010324)	0.82020m(13010324)		
3746809.5	1.01839m(13010324)	1.01687m(13010324)	1.01529m(13010324)
1.01365m(13010324)	1.01200m(13010324)		
3746759.5	1.34931m(13010324)	1.34677m(13010324)	1.34418m(13010324)
1.34156m(13010324)	1.33897m(13010324)		
3746709.5	2.08590m(13010324)	2.07933m(13010324)	2.07286m(13010324)
2.06653m(13010324)	2.06049m(13010324)		
3746659.5	1.58724m(13010324)	1.57195m(13010324)	1.56154m(13010324)
1.55580m(13010324)	1.55471m(13010324)		
3746609.5	1.48092m(13010324)	1.47259m(13010324)	1.46718m(13010324)
1.46467m(13010324)	1.46490m(13010324)		
3746559.5	1.66793m(13010324)	1.67103m(13010324)	1.67405m(13010324)
1.67694m(13010324)	1.67959m(13010324)		
3746509.5	1.17609m(13010324)	1.17729m(13010324)	1.17838m(13010324)
1.17935m(13010324)	1.18013m(13010324)		
3746459.5	0.92089m(13010324)	0.92143m(13010324)	0.92186m(13010324)
0.92217m(13010324)	0.92234m(13010324)		
3746409.5	0.76120m(13010324)	0.76143m(13010324)	0.76155m(13010324)
0.76157m(13010324)	0.76147m(13010324)		
3746359.5	0.65040m(13010324)	0.65046m(13010324)	0.65042m(13010324)
0.65028m(13010324)	0.65003m(13010324)		
3746309.5	0.56830m(13010324)	0.56826m(13010324)	0.56813m(13010324)
0.56790m(13010324)	0.56757m(13010324)		
3746259.5	0.50465m(13010324)	0.50455m(13010324)	0.50436m(13010324)
0.50407m(13010324)	0.50369m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 406953.57 407003.57 407053.57
407103.57 407153.57

3747209.5	0.35737m(13010324)	0.35650m(13010324)	0.35555m(13010324)
0.35451m(13010324)	0.35338m(13010324)		
3747159.5	0.38928m(13010324)	0.38838m(13010324)	0.38739m(13010324)
0.38632m(13010324)	0.38515m(13010324)		
3747109.5	0.42698m(13010324)	0.42604m(13010324)	0.42502m(13010324)
0.42390m(13010324)	0.42269m(13010324)		
3747059.5	0.47231m(13010324)	0.47133m(13010324)	0.47026m(13010324)
0.46910m(13010324)	0.46784m(13010324)		
3747009.5	0.52802m(13010324)	0.52698m(13010324)	0.52586m(13010324)
0.52465m(13010324)	0.52333m(13010324)		
3746959.5	0.59846m(13010324)	0.59735m(13010324)	0.59616m(13010324)
0.59487m(13010324)	0.59349m(13010324)		
3746909.5	0.69093m(13010324)	0.68972m(13010324)	0.68843m(13010324)
0.68705m(13010324)	0.68558m(13010324)		
3746859.5	0.81887m(13010324)	0.81750m(13010324)	0.81606m(13010324)
0.81454m(13010324)	0.81293m(13010324)		
3746809.5	1.01033m(13010324)	1.00866m(13010324)	1.00696m(13010324)
1.00519m(13010324)	1.00334m(13010324)		
3746759.5	1.33651m(13010324)	1.33419m(13010324)	1.33191m(13010324)
1.32959m(13010324)	1.32718m(13010324)		
3746709.5	2.05533m(13010324)	2.05113m(13010324)	2.04722m(13010324)
2.04332m(13010324)	2.03933m(13010324)		
3746659.5	1.55807m(13010324)	1.56594m(13010324)	1.57864m(13010324)
1.59630m(13010324)	1.61923m(13010324)		
3746609.5	1.46819m(13010324)	1.47461m(13010324)	1.48393m(13010324)
1.49646m(13010324)	2.09625m(13010324)		
3746559.5	1.68172m(13010324)	1.68327m(13010324)	1.68451m(13010324)
1.68556m(13010324)	1.68647m(13010324)		
3746509.5	1.18068m(13010324)	1.18098m(13010324)	1.18107m(13010324)
1.18100m(13010324)	1.18078m(13010324)		
3746459.5	0.92236m(13010324)	0.92221m(13010324)	0.92190m(13010324)
0.92145m(13010324)	0.92086m(13010324)		
3746409.5	0.76124m(13010324)	0.76087m(13010324)	0.76038m(13010324)
0.75975m(13010324)	0.75899m(13010324)		
3746359.5	0.64967m(13010324)	0.64919m(13010324)	0.64859m(13010324)
0.64787m(13010324)	0.64702m(13010324)		
3746309.5	0.56713m(13010324)	0.56659m(13010324)	0.56593m(13010324)
0.56515m(13010324)	0.56425m(13010324)		
3746259.5	0.50321m(13010324)	0.50262m(13010324)	0.50193m(13010324)
0.50112m(13010324)	0.50020m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM 10 IN
 MICROGRAMS/M**3 **

Y-COORD		X-COORD (METERS)
(METERS)	407203.57	407253.57
407353.57	407403.57	407303.57

3747209.5	0.35215m(13010324)	0.35082m(13010324)	0.34938m(13010324)
0.34782m(13010324)	0.34615m(13010324)		
3747159.5	0.38388m(13010324)	0.38250m(13010324)	0.38101m(13010324)
0.37940m(13010324)	0.37767m(13010324)		
3747109.5	0.42137m(13010324)	0.41995m(13010324)	0.41841m(13010324)
0.41675m(13010324)	0.41495m(13010324)		
3747059.5	0.46647m(13010324)	0.46500m(13010324)	0.46340m(13010324)
0.46168m(13010324)	0.45982m(13010324)		
3747009.5	0.52191m(13010324)	0.52038m(13010324)	0.51872m(13010324)
0.51694m(13010324)	0.51501m(13010324)		
3746959.5	0.59200m(13010324)	0.59040m(13010324)	0.58867m(13010324)
0.58681m(13010324)	0.58480m(13010324)		
3746909.5	0.68400m(13010324)	0.68230m(13010324)	0.68048m(13010324)
0.67851m(13010324)	0.67640m(13010324)		
3746859.5	0.81121m(13010324)	0.80938m(13010324)	0.80741m(13010324)
0.80531m(13010324)	0.80304m(13010324)		
3746809.5	1.00138m(13010324)	0.99930m(13010324)	0.99708m(13010324)
0.99472m(13010324)	0.99221m(13010324)		
3746759.5	1.32467m(13010324)	1.32204m(13010324)	1.31928m(13010324)
1.31637m(13010324)	1.31329m(13010324)		
3746709.5	2.03518m(13010324)	2.03082m(13010324)	2.02621m(13010324)
2.02133m(13010324)	2.01619m(13010324)		
3746659.5	1.64786m(13010324)	1.68275m(13010324)	2.31861m(13010324)
1.70510m(13010324)	1.66120m(13010324)		
3746609.5	2.07674m(13010324)	2.06411m(13010324)	2.05843m(13010324)
2.05982m(13010324)	2.06844m(13010324)		
3746559.5	1.68725m(13010324)	1.68789m(13010324)	1.68837m(13010324)
1.68868m(13010324)	1.68883m(13010324)		
3746509.5	1.18042m(13010324)	1.17993m(13010324)	1.17928m(13010324)
1.17848m(13010324)	1.17751m(13010324)		
3746459.5	0.92013m(13010324)	0.91926m(13010324)	0.91825m(13010324)
0.91707m(13010324)	0.91573m(13010324)		
3746409.5	0.75809m(13010324)	0.75706m(13010324)	0.75588m(13010324)
0.75455m(13010324)	0.75305m(13010324)		
3746359.5	0.64604m(13010324)	0.64493m(13010324)	0.64367m(13010324)
0.64226m(13010324)	0.64069m(13010324)		
3746309.5	0.56323m(13010324)	0.56207m(13010324)	0.56078m(13010324)
0.55934m(13010324)	0.55773m(13010324)		
3746259.5	0.49916m(13010324)	0.49798m(13010324)	0.49668m(13010324)
0.49522m(13010324)	0.49361m(13010324)		

PF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 18:55:26

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 407453.57 407503.57 407553.57
407603.57 407653.57

3747209.5 | 0.34434m(13010324) 0.34238m(13010324) 0.34028m(13010324)
0.33802m(13010324) 0.33558m(13010324)
3747159.5 | 0.37579m(13010324) 0.37377m(13010324) 0.37159m(13010324)
0.36924m(13010324) 0.36670m(13010324)
3747109.5 | 0.41301m(13010324) 0.41092m(13010324) 0.40866m(13010324)
0.40622m(13010324) 0.40358m(13010324)
3747059.5 | 0.45781m(13010324) 0.45564m(13010324) 0.45330m(13010324)
0.45077m(13010324) 0.44803m(13010324)
3747009.5 | 0.51292m(13010324) 0.51067m(13010324) 0.50824m(13010324)
0.50562m(13010324) 0.50278m(13010324)
3746959.5 | 0.58263m(13010324) 0.58029m(13010324) 0.57776m(13010324)
0.57503m(13010324) 0.57208m(13010324)
3746909.5 | 0.67412m(13010324) 0.67167m(13010324) 0.66903m(13010324)
0.66618m(13010324) 0.66310m(13010324)
3746859.5 | 0.80061m(13010324) 0.79800m(13010324) 0.79520m(13010324)
0.79218m(13010324) 0.78894m(13010324)
3746809.5 | 0.98952m(13010324) 0.98665m(13010324) 0.98358m(13010324)
0.98030m(13010324) 0.97678m(13010324)
3746759.5 | 1.31005m(13010324) 1.30662m(13010324) 1.30298m(13010324)
1.29912m(13010324) 1.29502m(13010324)
3746709.5 | 2.01080m(13010324) 2.00517m(13010324) 1.99931m(13010324)
1.99326m(13010324) 1.98702m(13010324)
3746659.5 | 1.62424m(13010324) 1.59343m(13010324) 1.56814m(13010324)
1.54789m(13010324) 1.53230m(13010324)
3746609.5 | 2.08446m(13010324) 1.50136m(13010324) 1.48396m(13010324)
1.46973m(13010324) 1.45855m(13010324)
3746559.5 | 1.68877m(13010324) 1.68851m(13010324) 1.68802m(13010324)
1.68727m(13010324) 1.68623m(13010324)
3746509.5 | 1.17635m(13010324) 1.17499m(13010324) 1.17340m(13010324)
1.17154m(13010324) 1.16939m(13010324)
3746459.5 | 0.91420m(13010324) 0.91247m(13010324) 0.91051m(13010324)
0.90829m(13010324) 0.90578m(13010324)
3746409.5 | 0.75136m(13010324) 0.74948m(13010324) 0.74737m(13010324)
0.74501m(13010324) 0.74237m(13010324)
3746359.5 | 0.63893m(13010324) 0.63698m(13010324) 0.63482m(13010324)
0.63241m(13010324) 0.62974m(13010324)
3746309.5 | 0.55595m(13010324) 0.55399m(13010324) 0.55181m(13010324)
0.54941m(13010324) 0.54675m(13010324)
3746259.5 | 0.49184m(13010324) 0.48988m(13010324) 0.48772m(13010324)
0.48535m(13010324) 0.48273m(13010324)

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN

MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)			
407853.57	407703.57	407753.57	407803.57

3747209.5	0.33294m(13010324)	0.33010m(13010324)	0.32704m(13010324)
0.32373m(13010324)	0.32015m(13010324)		
3747159.5	0.36396m(13010324)	0.36100m(13010324)	0.35779m(13010324)
0.35432m(13010324)	0.35056m(13010324)		
3747109.5	0.40073m(13010324)	0.39764m(13010324)	0.39430m(13010324)
0.39067m(13010324)	0.38672m(13010324)		
3747059.5	0.44507m(13010324)	0.44187m(13010324)	0.43839m(13010324)
0.43460m(13010324)	0.43047m(13010324)		
3747009.5	0.49971m(13010324)	0.49638m(13010324)	0.49277m(13010324)
0.48883m(13010324)	0.48453m(13010324)		
3746959.5	0.56889m(13010324)	0.56544m(13010324)	0.56170m(13010324)
0.55763m(13010324)	0.55317m(13010324)		
3746909.5	0.65978m(13010324)	0.65620m(13010324)	0.65233m(13010324)
0.64813m(13010324)	0.64355m(13010324)		
3746859.5	0.78545m(13010324)	0.78171m(13010324)	0.77770m(13010324)
0.77339m(13010324)	0.76873m(13010324)		
3746809.5	0.97302m(13010324)	0.96904m(13010324)	0.96484m(13010324)
0.96045m(13010324)	0.95580m(13010324)		
3746759.5	1.29070m(13010324)	1.28618m(13010324)	1.28158m(13010324)
1.27711m(13010324)	1.27275m(13010324)		
3746709.5	1.98063m(13010324)	1.97417m(13010324)	1.96797m(13010324)
1.96344m(13010324)	1.96095m(13010324)		
3746659.5	1.52111m(13010324)	1.51416m(13010324)	1.51160m(13010324)
1.51296m(13010324)	1.51823m(13010324)		
3746609.5	1.45032m(13010324)	1.44489m(13010324)	1.44180m(13010324)
1.44166m(13010324)	1.44450m(13010324)		
3746559.5	1.68484m(13010324)	1.68295m(13010324)	1.68021m(13010324)
1.67573m(13010324)	1.66922m(13010324)		
3746509.5	1.16687m(13010324)	1.16388m(13010324)	1.16024m(13010324)
1.15575m(13010324)	1.15029m(13010324)		
3746459.5	0.90292m(13010324)	0.89964m(13010324)	0.89584m(13010324)
0.89143m(13010324)	0.88633m(13010324)		
3746409.5	0.73940m(13010324)	0.73605m(13010324)	0.73226m(13010324)
0.72796m(13010324)	0.72309m(13010324)		
3746359.5	0.62676m(13010324)	0.62343m(13010324)	0.61970m(13010324)
0.61553m(13010324)	0.61086m(13010324)		
3746309.5	0.54380m(13010324)	0.54053m(13010324)	0.53691m(13010324)
0.53287m(13010324)	0.52839m(13010324)		

3746259.5 | 0.47984m(13010324) 0.47666m(13010324) 0.47315m(13010324)
0.46927m(13010324) 0.46498m(13010324)
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD	X-COORD (METERS)	
(METERS)	407953.57	408003.57
408103.57	408153.57	408053.57

3747209.5 | 0.31628m(13010324) 0.31208m(13010324) 0.30753m(13010324)
0.30260m(13010324) 0.29725m(13010324)
3747159.5 | 0.34647m(13010324) 0.34202m(13010324) 0.33717m(13010324)
0.33188m(13010324) 0.32611m(13010324)
3747109.5 | 0.38241m(13010324) 0.37771m(13010324) 0.37256m(13010324)
0.36690m(13010324) 0.36069m(13010324)
3747059.5 | 0.42595m(13010324) 0.42100m(13010324) 0.41554m(13010324)
0.40951m(13010324) 0.40284m(13010324)
3747009.5 | 0.47981m(13010324) 0.47462m(13010324) 0.46887m(13010324)
0.46247m(13010324) 0.45534m(13010324)
3746959.5 | 0.54828m(13010324) 0.54287m(13010324) 0.53684m(13010324)
0.53011m(13010324) 0.52253m(13010324)
3746909.5 | 0.63851m(13010324) 0.63293m(13010324) 0.62669m(13010324)
0.61965m(13010324) 0.61167m(13010324)
3746859.5 | 0.76362m(13010324) 0.75795m(13010324) 0.75158m(13010324)
0.74434m(13010324) 0.73606m(13010324)
3746809.5 | 0.95076m(13010324) 0.94517m(13010324) 0.93884m(13010324)
0.93160m(13010324) 0.92320m(13010324)
3746759.5 | 1.26818m(13010324) 1.26310m(13010324) 1.25726m(13010324)
1.25044m(13010324) 1.24240m(13010324)
3746709.5 | 1.95883m(13010324) 1.95628m(13010324) 1.95294m(13010324)
1.94856m(13010324) 1.94283m(13010324)
3746659.5 | 1.52817m(13010324) 1.54265m(13010324) 1.56184m(13010324)
1.58607m(13010324) 1.61583m(13010324)
3746609.5 | 1.44936m(13010324) 1.45667m(13010324) 2.04577m(13010324)
2.01599m(13010324) 1.99267m(13010324)
3746559.5 | 1.66142m(13010324) 1.65267m(13010324) 1.64297m(13010324)
1.63220m(13010324) 1.62011m(13010324)
3746509.5 | 1.14393m(13010324) 1.13670m(13010324) 1.12857m(13010324)
1.11940m(13010324) 1.10898m(13010324)
3746459.5 | 0.88051m(13010324) 0.87392m(13010324) 0.86648m(13010324)
0.85807m(13010324) 0.84850m(13010324)
3746409.5 | 0.71759m(13010324) 0.71141m(13010324) 0.70444m(13010324)
0.69658m(13010324) 0.68767m(13010324)

3746359.5 | 0.60562m(13010324) 0.59977m(13010324) 0.59320m(13010324)
0.58583m(13010324) 0.57752m(13010324)
3746309.5 | 0.52341m(13010324) 0.51785m(13010324) 0.51167m(13010324)
0.50476m(13010324) 0.49702m(13010324)
3746259.5 | 0.46023m(13010324) 0.45498m(13010324) 0.44916m(13010324)
0.44270m(13010324) 0.43551m(13010324)
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 408203.57 408253.57 408303.57
408353.57 408403.57

3747209.5 | 0.29144m(13010324) 0.28515m(13010324) 0.27835m(13010324)
0.27102m(13010324) 0.26313m(13010324)
3747159.5 | 0.31980m(13010324) 0.31292m(13010324) 0.30541m(13010324)
0.29723m(13010324) 0.28837m(13010324)
3747109.5 | 0.35385m(13010324) 0.34631m(13010324) 0.33801m(13010324)
0.32888m(13010324) 0.31886m(13010324)
3747059.5 | 0.39543m(13010324) 0.38719m(13010324) 0.37801m(13010324)
0.36780m(13010324) 0.35645m(13010324)
3747009.5 | 0.44734m(13010324) 0.43836m(13010324) 0.42823m(13010324)
0.41680m(13010324) 0.40390m(13010324)
3746959.5 | 0.51395m(13010324) 0.50420m(13010324) 0.49307m(13010324)
0.48030m(13010324) 0.46563m(13010324)
3746909.5 | 0.60256m(13010324) 0.59206m(13010324) 0.57991m(13010324)
0.56572m(13010324) 0.54907m(13010324)
3746859.5 | 0.72649m(13010324) 0.71534m(13010324) 0.70222m(13010324)
0.68662m(13010324) 0.66789m(13010324)
3746809.5 | 0.91339m(13010324) 0.90178m(13010324) 0.88790m(13010324)
0.87107m(13010324) 0.85034m(13010324)
3746759.5 | 1.23282m(13010324) 1.22128m(13010324) 1.20719m(13010324)
1.18969m(13010324) 1.16753m(13010324)
3746709.5 | 1.93538m(13010324) 1.92574m(13010324) 1.91324m(13010324)
1.89690m(13010324) 1.87520m(13010324)
3746659.5 | 2.22895m(13010324) 1.59416m(13010324) 1.53932m(13010324)
1.48710m(13010324) 1.43525m(13010324)
3746609.5 | 1.97522m(13010324) 1.96294m(13010324) 1.95503m(13010324)
1.95026m(13010324) 1.33430m(13010324)
3746559.5 | 1.60640m(13010324) 1.59062m(13010324) 1.57215m(13010324)
1.55006m(13010324) 1.52292m(13010324)
3746509.5 | 1.09705m(13010324) 1.08320m(13010324) 1.06691m(13010324)
1.04739m(13010324) 1.02353m(13010324)

3746459.5 | 0.83754m(13010324) 0.82486m(13010324) 0.81002m(13010324)
0.79242m(13010324) 0.77126m(13010324)
3746409.5 | 0.67751m(13010324) 0.66583m(13010324) 0.65231m(13010324)
0.63650m(13010324) 0.61786m(13010324)
3746359.5 | 0.56810m(13010324) 0.55739m(13010324) 0.54512m(13010324)
0.53099m(13010324) 0.51465m(13010324)
3746309.5 | 0.48832m(13010324) 0.47852m(13010324) 0.46743m(13010324)
0.45485m(13010324) 0.44056m(13010324)
3746259.5 | 0.42750m(13010324) 0.41856m(13010324) 0.40856m(13010324)
0.39737m(13010324) 0.38486m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

Y-COORD	X-COORD (METERS)	
(METERS)	408453.57	408503.57
408603.57	408653.57	408553.57

3747209.5 | 0.25471m(13010324) 0.24578m(13010324) 0.23638m(13010324)
0.22660m(13010324) 0.21653m(13010324)
3747159.5 | 0.27881m(13010324) 0.26857m(13010324) 0.25771m(13010324)
0.24632m(13010324) 0.23454m(13010324)
3747109.5 | 0.30794m(13010324) 0.29610m(13010324) 0.28341m(13010324)
0.26999m(13010324) 0.25600m(13010324)
3747059.5 | 0.34389m(13010324) 0.33008m(13010324) 0.31507m(13010324)
0.29900m(13010324) 0.28210m(13010324)
3747009.5 | 0.38938m(13010324) 0.37312m(13010324) 0.35512m(13010324)
0.33552m(13010324) 0.31463m(13010324)
3746959.5 | 0.44876m(13010324) 0.42944m(13010324) 0.40753m(13010324)
0.38309m(13010324) 0.35657m(13010324)
3746909.5 | 0.52945m(13010324) 0.50632m(13010324) 0.47921m(13010324)
0.44797m(13010324) 0.41306m(13010324)
3746859.5 | 0.64515m(13010324) 0.61737m(13010324) 0.58336m(13010324)
0.54221m(13010324) 0.49406m(13010324)
3746809.5 | 0.82435m(13010324) 0.79119m(13010324) 0.74822m(13010324)
0.69238m(13010324) 0.62171m(13010324)
3746759.5 | 1.13875m(13010324) 1.10019m(13010324) 1.04662m(13010324)
0.96946m(13010324) 0.85732m(13010324)
3746709.5 | 1.84567m(13010324) 1.80384m(13010324) 1.74098m(13010324)
1.63800m(13010324) 1.44879m(13010324)
3746659.5 | 1.38041m(13010324) 1.31691m(13010324) 1.23320m(13010324)
1.09985m(13010324) 0.80905m(13010324)
3746609.5 | 1.28536m(13010324) 1.22651m(13010324) 1.14707m(13010324)
1.02101m(13010324) 0.76462m(13010324)

3746559.5 | 1.48844m(13010324) 1.44266m(13010324) 1.37837m(13010324)
1.28148m(13010324) 1.12547m(13010324)
3746509.5 | 0.99363m(13010324) 0.95511m(13010324) 0.90400m(13010324)
0.83465m(13010324) 0.74140m(13010324)
3746459.5 | 0.74540m(13010324) 0.71336m(13010324) 0.67325m(13010324)
0.62321m(13010324) 0.56261m(13010324)
3746409.5 | 0.59569m(13010324) 0.56920m(13010324) 0.53760m(13010324)
0.50041m(13010324) 0.45801m(13010324)
3746359.5 | 0.49570m(13010324) 0.47376m(13010324) 0.44852m(13010324)
0.41998m(13010324) 0.38862m(13010324)
3746309.5 | 0.42434m(13010324) 0.40603m(13010324) 0.38554m(13010324)
0.36300m(13010324) 0.33881m(13010324)
3746259.5 | 0.37092m(13010324) 0.35549m(13010324) 0.33858m(13010324)
0.32035m(13010324) 0.30108m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 408703.57 408753.57 408803.57
408853.57 408903.57

3747209.5 | 0.20631m(13010324) 0.19607m(13010324) 0.18595m(13010324)
0.17607m(13010324) 0.16654m(13010324)
3747159.5 | 0.22255m(13010324) 0.21053m(13010324) 0.19868m(13010324)
0.18717m(13010324) 0.17615m(13010324)
3747109.5 | 0.24171m(13010324) 0.22738m(13010324) 0.21330m(13010324)
0.19971m(13010324) 0.18682m(13010324)
3747059.5 | 0.26473m(13010324) 0.24731m(13010324) 0.23027m(13010324)
0.21398m(13010324) 0.19870m(13010324)
3747009.5 | 0.29301m(13010324) 0.27132m(13010324) 0.25024m(13010324)
0.23033m(13010324) 0.21195m(13010324)
3746959.5 | 0.32880m(13010324) 0.30092m(13010324) 0.27408m(13010324)
0.24918m(13010324) 0.22671m(13010324)
3746909.5 | 0.37585m(13010324) 0.33844m(13010324) 0.30298m(13010324)
0.27098m(13010324) 0.24303m(13010324)
3746859.5 | 0.44115m(13010324) 0.38782m(13010324) 0.33861m(13010324)
0.29612m(13010324) 0.26076m(13010324)
3746809.5 | 0.53937m(13010324) 0.45599m(13010324) 0.38295m(13010324)
0.32451m(13010324) 0.27925m(13010324)
3746759.5 | 0.70843m(13010324) 0.55586m(13010324) 0.43723m(13010324)
0.35466m(13010324) 0.29703m(13010324)
3746709.5 | 1.09072m(13010324) 0.70751m(13010324) 0.49666m(13010324)
0.38185m(13010324) 0.31135m(13010324)

3746659.5 | 0.84030m(13010324) 0.87426m(13010324) 0.53733m(13010324)
0.39719m(13010324) 0.31874m(13010324)
3746609.5 | 0.78951m(13010324) 0.81598m(13010324) 0.52550m(13010324)
0.39301m(13010324) 0.31679m(13010324)
3746559.5 | 0.88602m(13010324) 0.63802m(13010324) 0.47272m(13010324)
0.37166m(13010324) 0.30621m(13010324)
3746509.5 | 0.62662m(13010324) 0.51025m(13010324) 0.41407m(13010324)
0.34248m(13010324) 0.29011m(13010324)
3746459.5 | 0.49436m(13010324) 0.42562m(13010324) 0.36393m(13010324)
0.31276m(13010324) 0.27182m(13010324)
3746409.5 | 0.41227m(13010324) 0.36632m(13010324) 0.32344m(13010324)
0.28567m(13010324) 0.25354m(13010324)
3746359.5 | 0.35557m(13010324) 0.32241m(13010324) 0.29081m(13010324)
0.26194m(13010324) 0.23637m(13010324)
3746309.5 | 0.31367m(13010324) 0.28847m(13010324) 0.26414m(13010324)
0.24140m(13010324) 0.22069m(13010324)
3746259.5 | 0.28123m(13010324) 0.26135m(13010324) 0.24199m(13010324)
0.22362m(13010324) 0.20656m(13010324)
FF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***
** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

DATE NETWORK
GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

ALL HIGH 1ST HIGH VALUE IS 2.46116m ON 13010324: AT (405203.57, 3746609.46,
0.00, 0.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
FF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 18:55:26

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** Message Summary : AERMOD Model Execution ***
----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)
A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS CA-91 PM25\14635 OPS
CA-91 PM25.ADI
**
*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**
CO STARTING
  TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
  MODELOPT DFAULT CONC
  AVERTIME 24
  URBANOPT 3010232 ORANGE_COUNTY
  POLLUTID PM_2.5
  RUNORNOT RUN
  ERRORFIL "14635 OPS CA-91 PM25.ERR"
CO FINISHED
**
*****
** AERMOD SOURCE PATHWAY
*****
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** -----
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 53.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.05436
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 404371.937, 3746972.329, 0.00, 3.49, 24.65
** 404707.688, 3746802.877, 0.00, 3.49, 24.65
** 404797.537, 3746763.470, 0.00, 3.49, 24.65
** 404850.343, 3746740.613, 0.00, 3.49, 24.65
** 404939.404, 3746711.452, 0.00, 3.49, 24.65
** 405094.669, 3746674.409, 0.00, 3.49, 24.65
** 405206.586, 3746657.070, 0.00, 3.49, 24.65
** 405325.596, 3746650.764, 0.00, 3.49, 24.65
** 405904.885, 3746647.612, 0.00, 3.49, 24.65
** 406282.408, 3746647.612, 0.00, 3.49, 24.65
** 406934.995, 3746644.459, 0.00, 3.49, 24.65
** 407837.003, 3746642.031, 0.00, 3.49, 24.65
** 408727.746, 3746644.991, 0.00, 3.49, 24.65
** -----
  LOCATION L0000001      VOLUME  404395.595 3746960.389 0.0
  LOCATION L0000002      VOLUME  404442.911 3746936.509 0.0
  LOCATION L0000003      VOLUME  404490.226 3746912.629 0.0
  LOCATION L0000004      VOLUME  404537.541 3746888.749 0.0

```

LOCATION	L0000005	VOLUME	404584.857	3746864.869	0.0
LOCATION	L0000006	VOLUME	404632.172	3746840.990	0.0
LOCATION	L0000007	VOLUME	404679.488	3746817.110	0.0
LOCATION	L0000008	VOLUME	404727.297	3746794.277	0.0
LOCATION	L0000009	VOLUME	404775.833	3746772.989	0.0
LOCATION	L0000010	VOLUME	404824.427	3746751.831	0.0
LOCATION	L0000011	VOLUME	404873.874	3746732.908	0.0
LOCATION	L0000012	VOLUME	404924.243	3746716.416	0.0
LOCATION	L0000013	VOLUME	404975.439	3746702.855	0.0
LOCATION	L0000014	VOLUME	405026.992	3746690.555	0.0
LOCATION	L0000015	VOLUME	405078.545	3746678.256	0.0
LOCATION	L0000016	VOLUME	405130.664	3746668.832	0.0
LOCATION	L0000017	VOLUME	405183.039	3746660.718	0.0
LOCATION	L0000018	VOLUME	405235.717	3746655.526	0.0
LOCATION	L0000019	VOLUME	405288.643	3746652.722	0.0
LOCATION	L0000020	VOLUME	405341.591	3746650.677	0.0
LOCATION	L0000021	VOLUME	405394.590	3746650.389	0.0
LOCATION	L0000022	VOLUME	405447.589	3746650.100	0.0
LOCATION	L0000023	VOLUME	405500.588	3746649.812	0.0
LOCATION	L0000024	VOLUME	405553.587	3746649.524	0.0
LOCATION	L0000025	VOLUME	405606.587	3746649.235	0.0
LOCATION	L0000026	VOLUME	405659.586	3746648.947	0.0
LOCATION	L0000027	VOLUME	405712.585	3746648.658	0.0
LOCATION	L0000028	VOLUME	405765.584	3746648.370	0.0
LOCATION	L0000029	VOLUME	405818.584	3746648.081	0.0
LOCATION	L0000030	VOLUME	405871.583	3746647.793	0.0
LOCATION	L0000031	VOLUME	405924.582	3746647.612	0.0
LOCATION	L0000032	VOLUME	405977.582	3746647.612	0.0
LOCATION	L0000033	VOLUME	406030.582	3746647.612	0.0
LOCATION	L0000034	VOLUME	406083.582	3746647.612	0.0
LOCATION	L0000035	VOLUME	406136.582	3746647.612	0.0
LOCATION	L0000036	VOLUME	406189.582	3746647.612	0.0
LOCATION	L0000037	VOLUME	406242.582	3746647.612	0.0
LOCATION	L0000038	VOLUME	406295.582	3746647.548	0.0
LOCATION	L0000039	VOLUME	406348.581	3746647.292	0.0
LOCATION	L0000040	VOLUME	406401.581	3746647.036	0.0
LOCATION	L0000041	VOLUME	406454.580	3746646.780	0.0
LOCATION	L0000042	VOLUME	406507.580	3746646.524	0.0
LOCATION	L0000043	VOLUME	406560.579	3746646.268	0.0
LOCATION	L0000044	VOLUME	406613.578	3746646.012	0.0
LOCATION	L0000045	VOLUME	406666.578	3746645.756	0.0
LOCATION	L0000046	VOLUME	406719.577	3746645.500	0.0
LOCATION	L0000047	VOLUME	406772.577	3746645.244	0.0
LOCATION	L0000048	VOLUME	406825.576	3746644.988	0.0
LOCATION	L0000049	VOLUME	406878.575	3746644.732	0.0
LOCATION	L0000050	VOLUME	406931.575	3746644.476	0.0
LOCATION	L0000051	VOLUME	406984.574	3746644.326	0.0
LOCATION	L0000052	VOLUME	407037.574	3746644.183	0.0
LOCATION	L0000053	VOLUME	407090.574	3746644.040	0.0
LOCATION	L0000054	VOLUME	407143.574	3746643.898	0.0
LOCATION	L0000055	VOLUME	407196.574	3746643.755	0.0
LOCATION	L0000056	VOLUME	407249.574	3746643.612	0.0
LOCATION	L0000057	VOLUME	407302.573	3746643.470	0.0
LOCATION	L0000058	VOLUME	407355.573	3746643.327	0.0
LOCATION	L0000059	VOLUME	407408.573	3746643.184	0.0
LOCATION	L0000060	VOLUME	407461.573	3746643.042	0.0
LOCATION	L0000061	VOLUME	407514.573	3746642.899	0.0
LOCATION	L0000062	VOLUME	407567.572	3746642.756	0.0
LOCATION	L0000063	VOLUME	407620.572	3746642.614	0.0
LOCATION	L0000064	VOLUME	407673.572	3746642.471	0.0
LOCATION	L0000065	VOLUME	407726.572	3746642.328	0.0
LOCATION	L0000066	VOLUME	407779.572	3746642.186	0.0
LOCATION	L0000067	VOLUME	407832.571	3746642.043	0.0
LOCATION	L0000068	VOLUME	407885.571	3746642.192	0.0
LOCATION	L0000069	VOLUME	407938.571	3746642.369	0.0
LOCATION	L0000070	VOLUME	407991.571	3746642.545	0.0

LOCATION	L0000071	VOLUME	408044.570	3746642.721	0.0
LOCATION	L0000072	VOLUME	408097.570	3746642.897	0.0
LOCATION	L0000073	VOLUME	408150.570	3746643.073	0.0
LOCATION	L0000074	VOLUME	408203.569	3746643.249	0.0
LOCATION	L0000075	VOLUME	408256.569	3746643.425	0.0
LOCATION	L0000076	VOLUME	408309.569	3746643.602	0.0
LOCATION	L0000077	VOLUME	408362.568	3746643.778	0.0
LOCATION	L0000078	VOLUME	408415.568	3746643.954	0.0
LOCATION	L0000079	VOLUME	408468.568	3746644.130	0.0
LOCATION	L0000080	VOLUME	408521.568	3746644.306	0.0
LOCATION	L0000081	VOLUME	408574.567	3746644.482	0.0
LOCATION	L0000082	VOLUME	408627.567	3746644.659	0.0
LOCATION	L0000083	VOLUME	408680.567	3746644.835	0.0
** END OF LINE VOLUME SOURCE ID = SLINE1					
** SOURCE PARAMETERS **					
** LINE VOLUME SOURCE ID = SLINE1					
SRCPARAM	L0000001	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000002	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000003	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000004	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000005	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000006	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000007	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000008	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000009	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000010	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000011	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000012	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000013	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000014	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000015	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000016	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000017	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000018	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000019	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000020	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000021	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000022	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000023	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000024	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000025	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000026	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000027	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000028	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000029	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000030	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000031	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000032	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000033	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000034	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000035	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000036	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000037	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000038	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000039	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000040	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000041	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000042	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000043	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000044	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000045	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000046	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000047	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000048	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000049	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000050	0.0006549398	3.49	24.65	3.25

SRCPARAM	L0000051	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000052	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000053	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000054	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000055	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000056	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000057	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000058	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000059	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000060	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000061	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000062	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000063	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000064	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000065	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000066	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000067	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000068	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000069	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000070	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000071	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000072	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000073	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000074	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000075	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000076	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000077	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000078	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000079	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000080	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000081	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000082	0.0006549398	3.49	24.65	3.25
SRCPARAM	L0000083	0.0006549398	3.49	24.65	3.25

```
URBANSRC  ALL
SRCGROUP  ALL
```

* *
 * * * * *

* *

RE STARTING

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W186 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** 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 83 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: PM_2.5

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 83 Source(s); 1 Source Group(s); and 1900 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 83 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 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) = 29.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate
 Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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

****Input Runstream File:**

aermod.inp

****Output Print File:**

aermod.out

****Detailed Error/Message File:** 14635 OPS CA-91

PM25.ERR

****File for Summary of Results:** 14635 OPS CA-91

PM25.SUM

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)	CATS.	BY						
L0000001	0	0.65494E-03	404395.6	3746960.4	0.0	3.49	24.65	3.25
YES								
L0000002	0	0.65494E-03	404442.9	3746936.5	0.0	3.49	24.65	3.25
YES								
L0000003	0	0.65494E-03	404490.2	3746912.6	0.0	3.49	24.65	3.25
YES								
L0000004	0	0.65494E-03	404537.5	3746888.7	0.0	3.49	24.65	3.25
YES								
L0000005	0	0.65494E-03	404584.9	3746864.9	0.0	3.49	24.65	3.25
YES								
L0000006	0	0.65494E-03	404632.2	3746841.0	0.0	3.49	24.65	3.25
YES								
L0000007	0	0.65494E-03	404679.5	3746817.1	0.0	3.49	24.65	3.25
YES								
L0000008	0	0.65494E-03	404727.3	3746794.3	0.0	3.49	24.65	3.25
YES								
L0000009	0	0.65494E-03	404775.8	3746773.0	0.0	3.49	24.65	3.25
YES								
L0000010	0	0.65494E-03	404824.4	3746751.8	0.0	3.49	24.65	3.25
YES								
L0000011	0	0.65494E-03	404873.9	3746732.9	0.0	3.49	24.65	3.25

YES								
L0000012	0	0.65494E-03	404924.2	3746716.4	0.0	3.49	24.65	3.25
YES								
L0000013	0	0.65494E-03	404975.4	3746702.9	0.0	3.49	24.65	3.25
YES								
L0000014	0	0.65494E-03	405027.0	3746690.6	0.0	3.49	24.65	3.25
YES								
L0000015	0	0.65494E-03	405078.5	3746678.3	0.0	3.49	24.65	3.25
YES								
L0000016	0	0.65494E-03	405130.7	3746668.8	0.0	3.49	24.65	3.25
YES								
L0000017	0	0.65494E-03	405183.0	3746660.7	0.0	3.49	24.65	3.25
YES								
L0000018	0	0.65494E-03	405235.7	3746655.5	0.0	3.49	24.65	3.25
YES								
L0000019	0	0.65494E-03	405288.6	3746652.7	0.0	3.49	24.65	3.25
YES								
L0000020	0	0.65494E-03	405341.6	3746650.7	0.0	3.49	24.65	3.25
YES								
L0000021	0	0.65494E-03	405394.6	3746650.4	0.0	3.49	24.65	3.25
YES								
L0000022	0	0.65494E-03	405447.6	3746650.1	0.0	3.49	24.65	3.25
YES								
L0000023	0	0.65494E-03	405500.6	3746649.8	0.0	3.49	24.65	3.25
YES								
L0000024	0	0.65494E-03	405553.6	3746649.5	0.0	3.49	24.65	3.25
YES								
L0000025	0	0.65494E-03	405606.6	3746649.2	0.0	3.49	24.65	3.25
YES								
L0000026	0	0.65494E-03	405659.6	3746648.9	0.0	3.49	24.65	3.25
YES								
L0000027	0	0.65494E-03	405712.6	3746648.7	0.0	3.49	24.65	3.25
YES								
L0000028	0	0.65494E-03	405765.6	3746648.4	0.0	3.49	24.65	3.25
YES								
L0000029	0	0.65494E-03	405818.6	3746648.1	0.0	3.49	24.65	3.25
YES								
L0000030	0	0.65494E-03	405871.6	3746647.8	0.0	3.49	24.65	3.25
YES								
L0000031	0	0.65494E-03	405924.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000032	0	0.65494E-03	405977.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000033	0	0.65494E-03	406030.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000034	0	0.65494E-03	406083.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000035	0	0.65494E-03	406136.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000036	0	0.65494E-03	406189.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000037	0	0.65494E-03	406242.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000038	0	0.65494E-03	406295.6	3746647.5	0.0	3.49	24.65	3.25
YES								
L0000039	0	0.65494E-03	406348.6	3746647.3	0.0	3.49	24.65	3.25
YES								
L0000040	0	0.65494E-03	406401.6	3746647.0	0.0	3.49	24.65	3.25
YES								

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*** VOLUME SOURCE DATA ***

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

L0000041		0	0.65494E-03	406454.6	3746646.8	0.0	3.49	24.65	3.25
YES									
L0000042		0	0.65494E-03	406507.6	3746646.5	0.0	3.49	24.65	3.25
YES									
L0000043		0	0.65494E-03	406560.6	3746646.3	0.0	3.49	24.65	3.25
YES									
L0000044		0	0.65494E-03	406613.6	3746646.0	0.0	3.49	24.65	3.25
YES									
L0000045		0	0.65494E-03	406666.6	3746645.8	0.0	3.49	24.65	3.25
YES									
L0000046		0	0.65494E-03	406719.6	3746645.5	0.0	3.49	24.65	3.25
YES									
L0000047		0	0.65494E-03	406772.6	3746645.2	0.0	3.49	24.65	3.25
YES									
L0000048		0	0.65494E-03	406825.6	3746645.0	0.0	3.49	24.65	3.25
YES									
L0000049		0	0.65494E-03	406878.6	3746644.7	0.0	3.49	24.65	3.25
YES									
L0000050		0	0.65494E-03	406931.6	3746644.5	0.0	3.49	24.65	3.25
YES									
L0000051		0	0.65494E-03	406984.6	3746644.3	0.0	3.49	24.65	3.25
YES									
L0000052		0	0.65494E-03	407037.6	3746644.2	0.0	3.49	24.65	3.25
YES									
L0000053		0	0.65494E-03	407090.6	3746644.0	0.0	3.49	24.65	3.25
YES									
L0000054		0	0.65494E-03	407143.6	3746643.9	0.0	3.49	24.65	3.25
YES									
L0000055		0	0.65494E-03	407196.6	3746643.8	0.0	3.49	24.65	3.25
YES									
L0000056		0	0.65494E-03	407249.6	3746643.6	0.0	3.49	24.65	3.25
YES									
L0000057		0	0.65494E-03	407302.6	3746643.5	0.0	3.49	24.65	3.25
YES									
L0000058		0	0.65494E-03	407355.6	3746643.3	0.0	3.49	24.65	3.25
YES									
L0000059		0	0.65494E-03	407408.6	3746643.2	0.0	3.49	24.65	3.25
YES									
L0000060		0	0.65494E-03	407461.6	3746643.0	0.0	3.49	24.65	3.25
YES									
L0000061		0	0.65494E-03	407514.6	3746642.9	0.0	3.49	24.65	3.25
YES									
L0000062		0	0.65494E-03	407567.6	3746642.8	0.0	3.49	24.65	3.25
YES									
L0000063		0	0.65494E-03	407620.6	3746642.6	0.0	3.49	24.65	3.25
YES									
L0000064		0	0.65494E-03	407673.6	3746642.5	0.0	3.49	24.65	3.25
YES									
L0000065		0	0.65494E-03	407726.6	3746642.3	0.0	3.49	24.65	3.25
YES									
L0000066		0	0.65494E-03	407779.6	3746642.2	0.0	3.49	24.65	3.25
YES									
L0000067		0	0.65494E-03	407832.6	3746642.0	0.0	3.49	24.65	3.25


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GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

[illegible]

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GP\14635 CONS      ***          07/06/23
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***                                     ***
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*** MODELOPTs: ReqDFault CONC ELEV URBAN ADJ U*

SRCGROUP ID	SOURCE IDs

L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 ,
L0000055 , L0000056 ,

L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 ,
L0000063 , L0000064 ,

L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,
L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,
L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

404203.6, 404253.6, 404303.6, 404353.6, 404403.6, 404453.6, 404503.6, 404553.6,
404603.6, 404653.6,
404703.6, 404753.6, 404803.6, 404853.6, 404903.6, 404953.6, 405003.6, 405053.6,
405103.6, 405153.6,
405203.6, 405253.6, 405303.6, 405353.6, 405403.6, 405453.6, 405503.6, 405553.6,
405603.6, 405653.6,
405703.6, 405753.6, 405803.6, 405853.6, 405903.6, 405953.6, 406003.6, 406053.6,
406103.6, 406153.6,
406203.6, 406253.6, 406303.6, 406353.6, 406403.6, 406453.6, 406503.6, 406553.6,
406603.6, 406653.6,
406703.6, 406753.6, 406803.6, 406853.6, 406903.6, 406953.6, 407003.6, 407053.6,
407103.6, 407153.6,
407203.6, 407253.6, 407303.6, 407353.6, 407403.6, 407453.6, 407503.6, 407553.6,
407603.6, 407653.6,
407703.6, 407753.6, 407803.6, 407853.6, 407903.6, 407953.6, 408003.6, 408053.6,
408103.6, 408153.6,
408203.6, 408253.6, 408303.6, 408353.6, 408403.6, 408453.6, 408503.6, 408553.6,
408603.6, 408653.6,
408703.6, 408753.6, 408803.6, 408853.6, 408903.6,

*** Y-COORDINATES OF GRID ***
(METERS)

3746259.5, 3746309.5, 3746359.5, 3746409.5, 3746459.5, 3746509.5, 3746559.5, 3746609.5,
3746659.5, 3746709.5,
3746759.5, 3746809.5, 3746859.5, 3746909.5, 3746959.5, 3747009.5, 3747059.5, 3747109.5,
3747159.5, 3747209.5,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD			X-COORD (METERS)			
(METERS)	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57	404553.57	404603.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
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***
***      19:19:30

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PAGE 9

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

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*** NETWORK ID: UCART1      ; NETWORK TYPE: GRIDCART ***
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* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)					
(METERS)	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

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FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
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19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		405103.57	405153.57	405203.57	405253.57	405303.57	405353.57
405403.57		405453.57	405503.57				

3747209.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747159.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747109.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747059.46		0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 ***
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)		406003.57	406053.57	406103.57	406153.57	406203.57
406303.57		406353.57	406403.57			406253.57

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD							
(METERS)		406453.57	406503.57	406553.57	406603.57	406653.57	406703.57
406753.57		406803.57	406853.57				
- - - - -	-	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	-	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -

3747209.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46		0.00	0.00	0.00	0.00	0.00	0.00

0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
	406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
407203.57	407253.57	407303.57				

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00

0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)				X-COORD (METERS)		
407653.57	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
407653.57	407703.57	407753.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

PAGE 16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408103.57	407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
	408153.57	408203.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408553.57	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
	408603.57	408653.57				

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***
***      19.19.30

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* ELEVATION HEIGHTS IN METERS *

3747209.46		0.00	0.00	0.00	0.00	0.00
3747159.46		0.00	0.00	0.00	0.00	0.00
3747109.46		0.00	0.00	0.00	0.00	0.00
3747059.46		0.00	0.00	0.00	0.00	0.00
3747009.46		0.00	0.00	0.00	0.00	0.00
3746959.46		0.00	0.00	0.00	0.00	0.00

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***      19.19.30

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Y-COORD	X-COORD (METERS)					
(METERS)	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57	404553.57	404603.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

```

3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
* HILL HEIGHT SCALES IN METERS *

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Y-COORD (METERS)	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)					
(METERS)	405103.57	405153.57	405203.57	405253.57	405303.57	405353.57
405403.57	405453.57	405503.57				

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)		X-COORD (METERS)					
405853.57		405553.57	405603.57	405653.57	405703.57	405753.57	405803.57
		405903.57	405953.57				

3747209.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00	
0.00		0.00	0.00	0.00			
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK							
GP\14635 CONS *** 07/06/23							
*** AERMET - VERSION 16216 ***							

*** 19:19:30							

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
406303.57	406003.57	406053.57	406103.57	406153.57	406203.57	406253.57
	406353.57	406403.57				


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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***
***      19:19:30

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*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ  U*
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* HILL HEIGHT SCALES IN METERS *

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
407653.57		407703.57	407753.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
408103.57		408153.57	408203.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

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3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
* HILL HEIGHT SCALES IN METERS *
```

Y-COORD (METERS)	X-COORD (METERS)					
	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
408553.57	408603.57	408653.57				

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00 0.00	0.00	0.00	0.00			

PR *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)				X-COORD (METERS)	
	408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00

PR *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 * LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
L0000001	404403.6	3746909.5	-1.45
L0000001	404353.6	3746959.5	-10.96
L0000001	404403.6	3746959.5	-44.97
L0000001	404403.6	3747009.5	-3.28
L0000002	404403.6	3746909.5	-5.25
L0000002	404453.6	3746909.5	-23.92
L0000002	404403.6	3746959.5	-7.45
L0000002	404453.6	3746959.5	-27.69
L0000003	404453.6	3746909.5	-16.20
L0000003	404503.6	3746909.5	-39.28
L0000003	404503.6	3746959.5	-4.30
L0000004	404503.6	3746859.5	-8.14

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***      07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     ***      19:19:30
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

SOURCE	- - RECEPTOR LOCATION - -	DISTANCE
ID	XR (METERS) YR (METERS)	(METERS)
L0000011	404853.6 3746759.5	-19.57
L0000011	404903.6 3746759.5	-13.16
L0000012	404903.6 3746709.5	-31.19
L0000012	404953.6 3746709.5	-22.86
L0000012	404903.6 3746759.5	-5.25
L0000012	404953.6 3746759.5	-0.91
L0000013	404953.6 3746659.5	-4.40
L0000013	405003.6 3746659.5	-1.28
L0000013	404953.6 3746709.5	-30.15
L0000013	405003.6 3746709.5	-24.10
L0000014	405003.6 3746659.5	-14.07
L0000014	405053.6 3746659.5	-12.09
L0000014	405003.6 3746709.5	-22.90
L0000014	405053.6 3746709.5	-20.38
L0000015	405053.6 3746659.5	-21.74
L0000015	405103.6 3746659.5	-21.70
L0000015	405053.6 3746709.5	-13.03
L0000015	405103.6 3746709.5	-13.00
L0000016	405103.6 3746659.5	-24.33
L0000016	405153.6 3746659.5	-28.25
L0000016	405103.6 3746709.5	-4.16

L0000016	405153.6	3746709.5	-6.36
L0000017	405153.6	3746659.5	-23.50
L0000017	405203.6	3746659.5	-32.43
L0000017	405203.6	3746709.5	-0.11
L0000018	405253.6	3746609.5	-3.59
L0000018	405203.6	3746659.5	-20.61
L0000018	405253.6	3746659.5	-34.72
L0000019	405303.6	3746609.5	-7.23
L0000019	405253.6	3746659.5	-17.28
L0000019	405303.6	3746659.5	-36.62
L0000020	405353.6	3746609.5	-10.08
L0000020	405303.6	3746659.5	-13.98
L0000020	405353.6	3746659.5	-38.14
L0000021	405403.6	3746609.5	-11.09
L0000021	405353.6	3746659.5	-10.99
L0000021	405403.6	3746659.5	-40.23
L0000022	405453.6	3746609.5	-11.92
L0000022	405403.6	3746659.5	-7.99
L0000022	405453.6	3746659.5	-41.89

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FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
***
***
19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000023	405503.6 3746609.5	-12.54
L0000023	405453.6 3746659.5	-5.00
L0000023	405503.6 3746659.5	-42.90
L0000023	405553.6 3746659.5	0.86
L0000024	405553.6 3746609.5	-12.93
L0000024	405503.6 3746659.5	-2.00
L0000024	405553.6 3746659.5	-43.06
L0000024	405603.6 3746659.5	-2.04
L0000025	405603.6 3746609.5	-13.11
L0000025	405603.6 3746659.5	-42.34
L0000025	405653.6 3746659.5	-4.91
L0000026	405653.6 3746609.5	-13.05
L0000026	405653.6 3746659.5	-40.88
L0000026	405703.6 3746659.5	-7.77
L0000027	405703.6 3746609.5	-12.78
L0000027	405703.6 3746659.5	-38.93
L0000027	405753.6 3746659.5	-10.61
L0000028	405753.6 3746609.5	-12.27
L0000028	405753.6 3746659.5	-36.65
L0000028	405803.6 3746659.5	-13.43
L0000029	405803.6 3746609.5	-11.56
L0000029	405853.6 3746609.5	-0.89
L0000029	405803.6 3746659.5	-34.16
L0000029	405853.6 3746659.5	-16.21
L0000030	405853.6 3746609.5	-10.64
L0000030	405903.6 3746609.5	-3.07
L0000030	405853.6 3746659.5	-31.54
L0000030	405903.6 3746659.5	-18.95
L0000031	405903.6 3746609.5	-9.44
L0000031	405953.6 3746609.5	-5.08

L0000031	405903.6	3746659.5	-28.88
L0000031	405953.6	3746659.5	-21.68
L0000032	405953.6	3746609.5	-7.92
L0000032	406003.6	3746609.5	-6.84
L0000032	405953.6	3746659.5	-26.22
L0000032	406003.6	3746659.5	-24.44
L0000033	406003.6	3746609.5	-6.25
L0000033	406053.6	3746609.5	-8.46
L0000033	406003.6	3746659.5	-23.50
L0000033	406053.6	3746659.5	-27.14

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000034	406053.6 3746609.5	-4.46
L0000034	406103.6 3746609.5	-9.93
L0000034	406053.6 3746659.5	-20.73
L0000034	406103.6 3746659.5	-29.76
L0000035	406103.6 3746609.5	-2.55
L0000035	406153.6 3746609.5	-11.23
L0000035	406103.6 3746659.5	-17.92
L0000035	406153.6 3746659.5	-32.29
L0000036	406153.6 3746609.5	-0.53
L0000036	406203.6 3746609.5	-12.36
L0000036	406153.6 3746659.5	-15.09
L0000036	406203.6 3746659.5	-34.67
L0000037	406253.6 3746609.5	-13.29
L0000037	406203.6 3746659.5	-12.23
L0000037	406253.6 3746659.5	-36.84
L0000038	406303.6 3746609.5	-14.08
L0000038	406253.6 3746659.5	-9.33
L0000038	406303.6 3746659.5	-38.66
L0000039	406353.6 3746609.5	-14.84
L0000039	406303.6 3746659.5	-6.37
L0000039	406353.6 3746659.5	-39.85
L0000040	406403.6 3746609.5	-15.37
L0000040	406353.6 3746659.5	-3.41
L0000040	406403.6 3746659.5	-40.42
L0000040	406453.6 3746659.5	0.46
L0000041	406453.6 3746609.5	-15.66
L0000041	406403.6 3746659.5	-0.44
L0000041	406453.6 3746659.5	-40.28
L0000041	406503.6 3746659.5	-2.39
L0000042	406503.6 3746609.5	-15.72
L0000042	406503.6 3746659.5	-39.45
L0000042	406553.6 3746659.5	-5.22
L0000043	406553.6 3746609.5	-15.53
L0000043	406553.6 3746659.5	-38.06
L0000043	406603.6 3746659.5	-8.03
L0000044	406603.6 3746609.5	-15.10
L0000044	406603.6 3746659.5	-36.23
L0000044	406653.6 3746659.5	-10.80
L0000045	406653.6 3746609.5	-14.44

 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000045	406653.6 3746659.5	-34.10
L0000045	406703.6 3746659.5	-13.55
L0000046	406703.6 3746609.5	-13.56
L0000046	406753.6 3746609.5	-3.46
L0000046	406703.6 3746659.5	-31.76
L0000046	406753.6 3746659.5	-16.25
L0000047	406753.6 3746609.5	-12.48
L0000047	406803.6 3746609.5	-5.66
L0000047	406753.6 3746659.5	-29.26
L0000047	406803.6 3746659.5	-18.90
L0000048	406803.6 3746609.5	-11.21
L0000048	406853.6 3746609.5	-7.77
L0000048	406803.6 3746659.5	-26.66
L0000048	406853.6 3746659.5	-21.48
L0000049	406853.6 3746609.5	-9.76
L0000049	406903.6 3746609.5	-9.77
L0000049	406853.6 3746659.5	-23.98
L0000049	406903.6 3746659.5	-23.99
L0000050	406903.6 3746609.5	-8.16
L0000050	406953.6 3746609.5	-11.65
L0000050	406903.6 3746659.5	-21.24
L0000050	406953.6 3746659.5	-26.38
L0000051	406953.6 3746609.5	-6.34
L0000051	407003.6 3746609.5	-13.29
L0000051	406953.6 3746659.5	-18.50
L0000051	407003.6 3746659.5	-28.71
L0000052	407003.6 3746609.5	-4.40
L0000052	407053.6 3746609.5	-14.77
L0000052	407003.6 3746659.5	-15.72
L0000052	407053.6 3746659.5	-30.88
L0000053	407053.6 3746609.5	-2.35
L0000053	407103.6 3746609.5	-16.06
L0000053	407053.6 3746659.5	-12.91
L0000053	407103.6 3746659.5	-32.83
L0000054	407103.6 3746609.5	-0.21
L0000054	407153.6 3746609.5	-17.14
L0000054	407103.6 3746659.5	-10.07
L0000054	407153.6 3746659.5	-34.50
L0000055	407203.6 3746609.5	-18.00
L0000055	407153.6 3746659.5	-7.22

 *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
L0000055	407203.6	3746659.5	-35.80
L0000056	407253.6	3746609.5	-18.61
L0000056	407203.6	3746659.5	-4.34
L0000056	407253.6	3746659.5	-36.65
L0000057	407303.6	3746609.5	-18.97
L0000057	407253.6	3746659.5	-1.45
L0000057	407303.6	3746659.5	-36.98
L0000057	407353.6	3746659.5	0.45
L0000058	407353.6	3746609.5	-19.07
L0000058	407353.6	3746659.5	-36.74
L0000058	407403.6	3746659.5	-2.36
L0000059	407403.6	3746609.5	-18.90
L0000059	407403.6	3746659.5	-35.97
L0000059	407453.6	3746659.5	-5.15
L0000060	407453.6	3746609.5	-18.48
L0000060	407503.6	3746609.5	0.78
L0000060	407453.6	3746659.5	-34.73
L0000060	407503.6	3746659.5	-7.91
L0000061	407503.6	3746609.5	-17.79
L0000061	407553.6	3746609.5	-1.63
L0000061	407503.6	3746659.5	-33.11
L0000061	407553.6	3746659.5	-10.63
L0000062	407553.6	3746609.5	-16.88
L0000062	407603.6	3746609.5	-3.96
L0000062	407553.6	3746659.5	-31.20
L0000062	407603.6	3746659.5	-13.31
L0000063	407603.6	3746609.5	-15.74
L0000063	407653.6	3746609.5	-6.22
L0000063	407603.6	3746659.5	-29.06
L0000063	407653.6	3746659.5	-15.95
L0000064	407653.6	3746609.5	-14.40
L0000064	407703.6	3746609.5	-8.39
L0000064	407653.6	3746659.5	-26.75
L0000064	407703.6	3746659.5	-18.52
L0000065	407703.6	3746609.5	-12.88
L0000065	407753.6	3746609.5	-10.46
L0000065	407703.6	3746659.5	-24.32
L0000065	407753.6	3746659.5	-21.02
L0000066	407753.6	3746609.5	-11.20
L0000066	407803.6	3746609.5	-12.42

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE	- - RECEPTOR LOCATION - -		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)

```

*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***
***      19:19:30

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ U*

SOURCE	-- RECEPTOR LOCATION --		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0000077	408353.6	3746659.5	-34.92
L0000077	408403.6	3746659.5	-9.10
L0000078	408403.6	3746609.5	-16.48
L0000078	408453.6	3746609.5	-1.68
L0000078	408403.6	3746659.5	-33.39
L0000078	408453.6	3746659.5	-11.95
L0000079	408453.6	3746609.5	-15.22
L0000079	408503.6	3746609.5	-3.73
L0000079	408453.6	3746659.5	-31.55

```
*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***          07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     ***          19:19:30
```

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

[illegible]

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*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
(METERS/SEC)

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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK  
GP\14635 CONS      ***          07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     ***           19:19:30
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

Met

Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_V9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166
Name: UNKNOWN
UNKNOWN
Year: 2012

Upper air station no.: 3190
Name:
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	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96		
322.		10.1		283.8	2.0												
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52		
13.		10.1		283.1	2.0												
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
73.		10.1		282.0	2.0												
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91		
98.		10.1		281.4	2.0												
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00		
0.		10.1		280.9	2.0												
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55		
80.		10.1		280.4	2.0												
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69		
201.		10.1		280.4	2.0												
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52		
72.		10.1		280.9	2.0												
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00		
0.		10.1		285.9	2.0												
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79		
268.		10.1		289.9	2.0												
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70		
273.		10.1		294.2	2.0												
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74		
230.		10.1		297.5	2.0												
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20		
227.		10.1		300.4	2.0												
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47		
233.		10.1		300.9	2.0												
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20		
233.		10.1		302.0	2.0												
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91		
229.		10.1		298.1	2.0												
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37		
212.		10.1		294.2	2.0												
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91		
190.		10.1		292.0	2.0												
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70		
302.		10.1		289.2	2.0												
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87		
338.		10.1		288.1	2.0												
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11		
304.		10.1		287.0	2.0												
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
76.		10.1		285.4	2.0												
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62		
306.		10.1		284.9	2.0												
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82		

318. 10.1 283.8 2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):		L0000001	,	L0000002	,
L0000003		,	L0000004	,	L0000005
L0000006	,	L0000007	,	L0000008	,
L0000011	,	L0000012	,	L0000013	,
L0000014	,	L0000015	,	L0000016	,
L0000017	,	L0000018	,	L0000019	,
L0000022	,	L0000023	,	L0000024	,
L0000025	,	L0000026	,	L0000027	,
L0000028	,	.	.	.	.

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)		404203.57	404253.57
404353.57		404403.57	404303.57

3747209.5		0.08568m(13010324)	0.09463m(13010324)	0.10419m(13010324)
0.11365m(13010324)		0.12205m(13010324)		
3747159.5		0.09420m(13010324)	0.10644m(13010324)	0.12026m(13010324)
0.13442m(13010324)		0.14677m(13010324)		
3747109.5		0.10387m(13010324)	0.12114m(13010324)	0.14265m(13010324)
0.16658m(13010324)		0.18711m(13010324)		
3747059.5		0.11411m(13010324)	0.13873m(13010324)	0.17488m(13010324)
0.22403m(13010324)		0.26731m(13010324)		
3747009.5		0.12338m(13010324)	0.15679m(13010324)	0.21819m(13010324)
0.35341m(13010324)		0.28186m(13010324)		
3746959.5		0.12932m(13010324)	0.16851m(13010324)	0.25080m(13010324)
0.24582m(13010324)		0.23004m(13010324)		
3746909.5		0.13028m(13010324)	0.16803m(13010324)	0.23934m(13010324)
0.40421m(13010324)		0.26576m(13010324)		
3746859.5		0.12677m(13010324)	0.15844m(13010324)	0.20872m(13010324)
0.29027m(13010324)		0.41349m(13010324)		
3746809.5		0.12066m(13010324)	0.14583m(13010324)	0.18109m(13010324)
0.22984m(13010324)		0.29438m(13010324)		
3746759.5		0.11355m(13010324)	0.13344m(13010324)	0.15914m(13010324)
0.19179m(13010324)		0.23214m(13010324)		
3746709.5		0.10638m(13010324)	0.12227m(13010324)	0.14174m(13010324)
0.16525m(13010324)		0.19308m(13010324)		
3746659.5		0.09956m(13010324)	0.11245m(13010324)	0.12768m(13010324)
0.14545m(13010324)		0.16589m(13010324)		
3746609.5		0.09326m(13010324)	0.10388m(13010324)	0.11610m(13010324)
0.13001m(13010324)		0.14567m(13010324)		
3746559.5		0.08749m(13010324)	0.09637m(13010324)	0.10638m(13010324)
0.11756m(13010324)		0.12993m(13010324)		

3746509.5 | 0.08225m(13010324) 0.08976m(13010324) 0.09809m(13010324)
0.10726m(13010324) 0.11727m(13010324)
3746459.5 | 0.07749m(13010324) 0.08391m(13010324) 0.09093m(13010324)
0.09858m(13010324) 0.10683m(13010324)
3746409.5 | 0.07315m(13010324) 0.07869m(13010324) 0.08469m(13010324)
0.09115m(13010324) 0.09805m(13010324)
3746359.5 | 0.06920m(13010324) 0.07402m(13010324) 0.07919m(13010324)
0.08471m(13010324) 0.09057m(13010324)
3746309.5 | 0.06559m(13010324) 0.06981m(13010324) 0.07431m(13010324)
0.07907m(13010324) 0.08409m(13010324)
3746259.5 | 0.06229m(13010324) 0.06601m(13010324) 0.06995m(13010324)
0.07410m(13010324) 0.07844m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

PAGE 41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM 2.5 IN
MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 404453.57 404503.57 404553.57
404603.57 404653.57

3747209.5 | 0.12859m(13010324) 0.13295m(13010324) 0.13533m(13010324)
0.13619m(13010324) 0.13600m(13010324)
3747159.5 | 0.15540m(13010324) 0.15993m(13010324) 0.16120m(13010324)
0.16036m(13010324) 0.15832m(13010324)
3747109.5 | 0.19864m(13010324) 0.20151m(13010324) 0.19913m(13010324)
0.19428m(13010324) 0.18853m(13010324)
3747059.5 | 0.27973m(13010324) 0.27223m(13010324) 0.25864m(13010324)
0.24434m(13010324) 0.23111m(13010324)
3747009.5 | 0.47271m(13010324) 0.41029m(13010324) 0.36126m(13010324)
0.32376m(13010324) 0.29469m(13010324)
3746959.5 | 0.57051m(13010324) 0.51543m(13010324) 0.57226m(13010324)
0.46683m(13010324) 0.39926m(13010324)
3746909.5 | 0.37475m(13010324) 0.44385m(13010324) 0.67248m(13010324)
0.56535m(13010324) 0.60817m(13010324)
3746859.5 | 0.59123m(13010324) 0.59833m(13010324) 0.44872m(13010324)
0.48039m(13010324) 0.48408m(13010324)
3746809.5 | 0.37708m(13010324) 0.48640m(13010324) 0.64736m(13010324)
0.62328m(13010324) 0.48047m(13010324)
3746759.5 | 0.28091m(13010324) 0.34016m(13010324) 0.41498m(13010324)
0.51645m(13010324) 0.66964m(13010324)
3746709.5 | 0.22553m(13010324) 0.26323m(13010324) 0.30769m(13010324)
0.36171m(13010324) 0.43010m(13010324)
3746659.5 | 0.18911m(13010324) 0.21532m(13010324) 0.24504m(13010324)
0.27912m(13010324) 0.31890m(13010324)

3746609.5 | 0.16311m(13010324) 0.18240m(13010324) 0.20370m(13010324)
0.22730m(13010324) 0.25359m(13010324)
3746559.5 | 0.14349m(13010324) 0.15826m(13010324) 0.17427m(13010324)
0.19160m(13010324) 0.21034m(13010324)
3746509.5 | 0.12810m(13010324) 0.13975m(13010324) 0.15220m(13010324)
0.16545m(13010324) 0.17949m(13010324)
3746459.5 | 0.11567m(13010324) 0.12507m(13010324) 0.13501m(13010324)
0.14545m(13010324) 0.15636m(13010324)
3746409.5 | 0.10539m(13010324) 0.11312m(13010324) 0.12122m(13010324)
0.12965m(13010324) 0.13836m(13010324)
3746359.5 | 0.09674m(13010324) 0.10319m(13010324) 0.10991m(13010324)
0.11684m(13010324) 0.12396m(13010324)
3746309.5 | 0.08935m(13010324) 0.09481m(13010324) 0.10046m(13010324)
0.10626m(13010324) 0.11217m(13010324)
3746259.5 | 0.08296m(13010324) 0.08764m(13010324) 0.09245m(13010324)
0.09736m(13010324) 0.10235m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

PAGE 42
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE 1ST HIGHEST 24-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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 404703.57 404753.57 404803.57
404853.57 404903.57
- - - - -

3747209.5 | 0.13515m(13010324) 0.13393m(13010324) 0.13255m(13010324)
0.13113m(13010324) 0.12977m(13010324)
3747159.5 | 0.15569m(13010324) 0.15287m(13010324) 0.15008m(13010324)
0.14747m(13010324) 0.14509m(13010324)
3747109.5 | 0.18270m(13010324) 0.17719m(13010324) 0.17218m(13010324)
0.16774m(13010324) 0.16387m(13010324)
3747059.5 | 0.21943m(13010324) 0.20935m(13010324) 0.20076m(13010324)
0.19350m(13010324) 0.18741m(13010324)
3747009.5 | 0.27182m(13010324) 0.25364m(13010324) 0.23906m(13010324)
0.22729m(13010324) 0.21777m(13010324)
3746959.5 | 0.35249m(13010324) 0.31858m(13010324) 0.29318m(13010324)
0.27372m(13010324) 0.25860m(13010324)
3746909.5 | 0.49521m(13010324) 0.42454m(13010324) 0.37657m(13010324)
0.34228m(13010324) 0.31703m(13010324)
3746859.5 | 0.59359m(13010324) 0.63786m(13010324) 0.52677m(13010324)
0.45663m(13010324) 0.40951m(13010324)
3746809.5 | 0.49812m(13010324) 0.49376m(13010324) 0.63761m(13010324)
0.69944m(13010324) 0.58566m(13010324)
3746759.5 | 0.62534m(13010324) 0.49858m(13010324) 0.51235m(13010324)
0.50973m(13010324) 0.49396m(13010324)

3746709.5 | 0.52104m(13010324) 0.65048m(13010324) 0.59978m(13010324)
0.49698m(13010324) 0.51626m(13010324)
3746659.5 | 0.36628m(13010324) 0.42417m(13010324) 0.49689m(13010324)
0.58998m(13010324) 0.71055m(13010324)
3746609.5 | 0.28311m(13010324) 0.31648m(13010324) 0.35437m(13010324)
0.39720m(13010324) 0.44505m(13010324)
3746559.5 | 0.23062m(13010324) 0.25254m(13010324) 0.27614m(13010324)
0.30132m(13010324) 0.32784m(13010324)
3746509.5 | 0.19433m(13010324) 0.20993m(13010324) 0.22620m(13010324)
0.24303m(13010324) 0.26020m(13010324)
3746459.5 | 0.16770m(13010324) 0.17941m(13010324) 0.19139m(13010324)
0.20353m(13010324) 0.21570m(13010324)
3746409.5 | 0.14732m(13010324) 0.15644m(13010324) 0.16567m(13010324)
0.17491m(13010324) 0.18405m(13010324)
3746359.5 | 0.13121m(13010324) 0.13853m(13010324) 0.14587m(13010324)
0.15316m(13010324) 0.16032m(13010324)
3746309.5 | 0.11816m(13010324) 0.12417m(13010324) 0.13016m(13010324)
0.13607m(13010324) 0.14185m(13010324)
3746259.5 | 0.10737m(13010324) 0.11239m(13010324) 0.11738m(13010324)
0.12228m(13010324) 0.12706m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 404953.57 405003.57 405053.57
405103.57 405153.57

3747209.5 | 0.12851m(13010324) 0.12739m(13010324) 0.12641m(13010324)
0.12558m(13010324) 0.12490m(13010324)
3747159.5 | 0.14298m(13010324) 0.14115m(13010324) 0.13959m(13010324)
0.13829m(13010324) 0.13723m(13010324)
3747109.5 | 0.16055m(13010324) 0.15774m(13010324) 0.15539m(13010324)
0.15344m(13010324) 0.15187m(13010324)
3747059.5 | 0.18233m(13010324) 0.17812m(13010324) 0.17466m(13010324)
0.17184m(13010324) 0.16958m(13010324)
3747009.5 | 0.21006m(13010324) 0.20381m(13010324) 0.19876m(13010324)
0.19471m(13010324) 0.19149m(13010324)
3746959.5 | 0.24674m(13010324) 0.23737m(13010324) 0.22994m(13010324)
0.22407m(13010324) 0.21946m(13010324)
3746909.5 | 0.29805m(13010324) 0.28352m(13010324) 0.27225m(13010324)
0.26347m(13010324) 0.25668m(13010324)
3746859.5 | 0.37640m(13010324) 0.35219m(13010324) 0.33391m(13010324)
0.31994m(13010324) 0.30935m(13010324)

3746809.5		0.51594m(13010324)	0.46896m(13010324)	0.43498m(13010324)
0.40979m(13010324)		0.39133m(13010324)		
3746759.5		0.64057m(13010324)	0.72906m(13010324)	0.64205m(13010324)
0.58242m(13010324)		0.54221m(13010324)		
3746709.5		0.52368m(13010324)	0.52123m(13010324)	0.51359m(13010324)
0.50290m(13010324)		0.68045m(13010324)		
3746659.5		0.61722m(13010324)	0.48772m(13010324)	0.50561m(13010324)
0.51887m(13010324)		0.52894m(13010324)		
3746609.5		0.49788m(13010324)	0.55690m(13010324)	0.62475m(13010324)
0.69933m(13010324)		0.77719m(13010324)		
3746559.5		0.35544m(13010324)	0.38401m(13010324)	0.41335m(13010324)
0.44258m(13010324)		0.47027m(13010324)		
3746509.5		0.27751m(13010324)	0.29476m(13010324)	0.31166m(13010324)
0.32778m(13010324)		0.34253m(13010324)		
3746459.5		0.22774m(13010324)	0.23948m(13010324)	0.25073m(13010324)
0.26126m(13010324)		0.27080m(13010324)		
3746409.5		0.19299m(13010324)	0.20160m(13010324)	0.20978m(13010324)
0.21737m(13010324)		0.22425m(13010324)		
3746359.5		0.16727m(13010324)	0.17393m(13010324)	0.18022m(13010324)
0.18606m(13010324)		0.19136m(13010324)		
3746309.5		0.14744m(13010324)	0.15278m(13010324)	0.15782m(13010324)
0.16251m(13010324)		0.16679m(13010324)		
3746259.5		0.13167m(13010324)	0.13608m(13010324)	0.14024m(13010324)
0.14411m(13010324)		0.14768m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM 2.5 IN
MICROGRAMS/M**3 **

Y-COORD			X-COORD (METERS)
(METERS)		405203.57 405253.57 405303.57	
405353.57		405403.57	

3747209.5		0.12436m(13010324)	0.12395m(13010324)	0.12366m(13010324)
0.12346m(13010324)		0.12336m(13010324)		
3747159.5		0.13638m(13010324)	0.13573m(13010324)	0.13525m(13010324)
0.13491m(13010324)		0.13470m(13010324)		
3747109.5		0.15062m(13010324)	0.14966m(13010324)	0.14894m(13010324)
0.14843m(13010324)		0.14809m(13010324)		
3747059.5		0.16780m(13010324)	0.16643m(13010324)	0.16541m(13010324)
0.16468m(13010324)		0.16419m(13010324)		
3747009.5		0.18899m(13010324)	0.18708m(13010324)	0.18566m(13010324)
0.18466m(13010324)		0.18398m(13010324)		
3746959.5		0.21591m(13010324)	0.21324m(13010324)	0.21130m(13010324)
0.20994m(13010324)		0.20904m(13010324)		

3746909.5 | 0.25154m(13010324) 0.24775m(13010324) 0.24506m(13010324)
0.24322m(13010324) 0.24202m(13010324)
3746859.5 | 0.30152m(13010324) 0.29590m(13010324) 0.29204m(13010324)
0.28950m(13010324) 0.28792m(13010324)
3746809.5 | 0.37815m(13010324) 0.36910m(13010324) 0.36317m(13010324)
0.35949m(13010324) 0.35734m(13010324)
3746759.5 | 0.51518m(13010324) 0.49791m(13010324) 0.48737m(13010324)
0.48129m(13010324) 0.47816m(13010324)
3746709.5 | 0.64080m(13010324) 0.80656m(13010324) 0.77932m(13010324)
0.76429m(13010324) 0.75906m(13010324)
3746659.5 | 0.53632m(13010324) 0.54235m(13010324) 0.54834m(13010324)
0.55605m(13010324) 0.56552m(13010324)
3746609.5 | 0.85053m(13010324) 0.66672m(13010324) 0.67601m(13010324)
0.67564m(13010324) 0.67565m(13010324)
3746559.5 | 0.49449m(13010324) 0.51351m(13010324) 0.52724m(13010324)
0.53635m(13010324) 0.54176m(13010324)
3746509.5 | 0.35529m(13010324) 0.36564m(13010324) 0.37355m(13010324)
0.37929m(13010324) 0.38335m(13010324)
3746459.5 | 0.27911m(13010324) 0.28604m(13010324) 0.29161m(13010324)
0.29594m(13010324) 0.29927m(13010324)
3746409.5 | 0.23031m(13010324) 0.23549m(13010324) 0.23980m(13010324)
0.24332m(13010324) 0.24617m(13010324)
3746359.5 | 0.19609m(13010324) 0.20022m(13010324) 0.20374m(13010324)
0.20672m(13010324) 0.20921m(13010324)
3746309.5 | 0.17065m(13010324) 0.17406m(13010324) 0.17704m(13010324)
0.17962m(13010324) 0.18183m(13010324)
3746259.5 | 0.15092m(13010324) 0.15383m(13010324) 0.15641m(13010324)
0.15867m(13010324) 0.16066m(13010324)
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE 1ST HIGHEST 24-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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM_2.5 IN **
MICROGRAMS/M**3
Y-COORD | X-COORD (METERS)
(METERS) | 405453.57 405503.57 405553.57
405603.57 405653.57
- - - - -
3747209.5 | 0.12332m(13010324) 0.12335m(13010324) 0.12342m(13010324)
0.12352m(13010324) 0.12365m(13010324)
3747159.5 | 0.13459m(13010324) 0.13456m(13010324) 0.13459m(13010324)
0.13467m(13010324) 0.13478m(13010324)
3747109.5 | 0.14789m(13010324) 0.14780m(13010324) 0.14779m(13010324)
0.14784m(13010324) 0.14794m(13010324)
3747059.5 | 0.16389m(13010324) 0.16373m(13010324) 0.16367m(13010324)
0.16370m(13010324) 0.16377m(13010324)

3747009.5		0.18356m(13010324)	0.18332m(13010324)	0.18322m(13010324)
0.18321m(13010324)		0.18327m(13010324)		
3746959.5		0.20847m(13010324)	0.20815m(13010324)	0.20800m(13010324)
0.20796m(13010324)		0.20800m(13010324)		
3746909.5		0.24129m(13010324)	0.24087m(13010324)	0.24067m(13010324)
0.24060m(13010324)		0.24061m(13010324)		
3746859.5		0.28699m(13010324)	0.28646m(13010324)	0.28619m(13010324)
0.28607m(13010324)		0.28603m(13010324)		
3746809.5		0.35615m(13010324)	0.35548m(13010324)	0.35510m(13010324)
0.35487m(13010324)		0.35472m(13010324)		
3746759.5		0.47654m(13010324)	0.47558m(13010324)	0.47490m(13010324)
0.47434m(13010324)		0.47385m(13010324)		
3746709.5		0.75629m(13010324)	0.75406m(13010324)	0.75195m(13010324)
0.74983m(13010324)		0.74766m(13010324)		
3746659.5		0.57818m(13010324)	0.59344m(13010324)	0.61065m(13010324)
0.59334m(13010324)		0.57902m(13010324)		
3746609.5		0.67453m(13010324)	0.67445m(13010324)	0.67586m(13010324)
0.67897m(13010324)		0.68389m(13010324)		
3746559.5		0.54536m(13010324)	0.54819m(13010324)	0.55064m(13010324)
0.55287m(13010324)		0.55496m(13010324)		
3746509.5		0.38629m(13010324)	0.38858m(13010324)	0.39048m(13010324)
0.39213m(13010324)		0.39360m(13010324)		
3746459.5		0.30185m(13010324)	0.30391m(13010324)	0.30561m(13010324)
0.30707m(13010324)		0.30834m(13010324)		
3746409.5		0.24847m(13010324)	0.25037m(13010324)	0.25195m(13010324)
0.25331m(13010324)		0.25449m(13010324)		
3746359.5		0.21129m(13010324)	0.21304m(13010324)	0.21453m(13010324)
0.21582m(13010324)		0.21693m(13010324)		
3746309.5		0.18372m(13010324)	0.18535m(13010324)	0.18675m(13010324)
0.18797m(13010324)		0.18903m(13010324)		
3746259.5		0.16238m(13010324)	0.16389m(13010324)	0.16521m(13010324)
0.16637m(13010324)		0.16738m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):		L0000001	,	L0000002	,
L0000003		,	L0000004	,	L0000005
L0000006	,	L0000007	,	L0000008	,
L0000011	,	L0000012	,	L0000013	,
L0000014	,	L0000015	,	L0000016	,
L0000019	,	L0000020	,	L0000021	,
L0000022	,	L0000023	,	L0000024	,
L0000027	,	L0000028	,	.	.

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)		405703.57	405753.57
405853.57		405903.57	405803.57

3747209.5		0.12380m(13010324)	0.12395m(13010324)	0.12411m(13010324)
0.12426m(13010324)		0.12442m(13010324)		
3747159.5		0.13492m(13010324)	0.13507m(13010324)	0.13522m(13010324)
0.13538m(13010324)		0.13553m(13010324)		

3747109.5 | 0.14806m(13010324) 0.14821m(13010324) 0.14836m(13010324)
0.14851m(13010324) 0.14867m(13010324)
3747059.5 | 0.16389m(13010324) 0.16403m(13010324) 0.16417m(13010324)
0.16433m(13010324) 0.16448m(13010324)
3747009.5 | 0.18338m(13010324) 0.18351m(13010324) 0.18365m(13010324)
0.18380m(13010324) 0.18396m(13010324)
3746959.5 | 0.20809m(13010324) 0.20821m(13010324) 0.20834m(13010324)
0.20849m(13010324) 0.20864m(13010324)
3746909.5 | 0.24068m(13010324) 0.24077m(13010324) 0.24088m(13010324)
0.24101m(13010324) 0.24115m(13010324)
3746859.5 | 0.28605m(13010324) 0.28609m(13010324) 0.28615m(13010324)
0.28624m(13010324) 0.28634m(13010324)
3746809.5 | 0.35461m(13010324) 0.35452m(13010324) 0.35446m(13010324)
0.35443m(13010324) 0.35445m(13010324)
3746759.5 | 0.47337m(13010324) 0.47292m(13010324) 0.47248m(13010324)
0.47211m(13010324) 0.47188m(13010324)
3746709.5 | 0.74545m(13010324) 0.74322m(13010324) 0.74103m(13010324)
0.73900m(13010324) 0.73753m(13010324)
3746659.5 | 0.56731m(13010324) 0.55789m(13010324) 0.55056m(13010324)
0.54517m(13010324) 0.54160m(13010324)
3746609.5 | 0.69072m(13010324) 0.69954m(13010324) 0.71040m(13010324)
0.50215m(13010324) 0.50043m(13010324)
3746559.5 | 0.55693m(13010324) 0.55880m(13010324) 0.56057m(13010324)
0.56218m(13010324) 0.56348m(13010324)
3746509.5 | 0.39494m(13010324) 0.39617m(13010324) 0.39729m(13010324)
0.39828m(13010324) 0.39911m(13010324)
3746459.5 | 0.30947m(13010324) 0.31048m(13010324) 0.31139m(13010324)
0.31219m(13010324) 0.31287m(13010324)
3746409.5 | 0.25553m(13010324) 0.25644m(13010324) 0.25726m(13010324)
0.25798m(13010324) 0.25861m(13010324)
3746359.5 | 0.21791m(13010324) 0.21878m(13010324) 0.21955m(13010324)
0.22022m(13010324) 0.22082m(13010324)
3746309.5 | 0.18997m(13010324) 0.19080m(13010324) 0.19154m(13010324)
0.19219m(13010324) 0.19277m(13010324)
3746259.5 | 0.16829m(13010324) 0.16908m(13010324) 0.16980m(13010324)
0.17043m(13010324) 0.17099m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 405953.57 406003.57 406053.57
406103.57 406153.57


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*** AERMOT - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***      19:19:30

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*** THE      1ST HIGHEST 24-HR AVERAGE CONCENTRATION      VALUES FOR
SOURCE GROUP:  ALL          ***
      INCLUDING SOURCE(S) :      L0000001      , L0000002      ,
      L0000003      , L0000004      , L0000005      ,
, L0000007      , L0000008      , L0000009      , L0000010      ,
, L0000012      , L0000013      ,
, L0000015      , L0000016      , L0000017      , L0000018      ,
, L0000020      , L0000021      ,
, L0000023      , L0000024      , L0000025      , L0000026      ,
, L0000028      , . . .      ,

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Y-COORD			X-COORD (METERS)
(METERS)	406203.57	406253.57	406303.57

406353.57

406403.57

3747209.5 | 0.12507m(13010324) 0.12512m(13010324) 0.12515m(13010324)
0.12516m(13010324) 0.12515m(13010324)
3747159.5 | 0.13619m(13010324) 0.13624m(13010324) 0.13627m(13010324)
0.13628m(13010324) 0.13627m(13010324)
3747109.5 | 0.14934m(13010324) 0.14939m(13010324) 0.14942m(13010324)
0.14943m(13010324) 0.14941m(13010324)
3747059.5 | 0.16517m(13010324) 0.16522m(13010324) 0.16525m(13010324)
0.16524m(13010324) 0.16522m(13010324)
3747009.5 | 0.18466m(13010324) 0.18470m(13010324) 0.18472m(13010324)
0.18471m(13010324) 0.18467m(13010324)
3746959.5 | 0.20935m(13010324) 0.20939m(13010324) 0.20940m(13010324)
0.20937m(13010324) 0.20931m(13010324)
3746909.5 | 0.24186m(13010324) 0.24189m(13010324) 0.24188m(13010324)
0.24183m(13010324) 0.24174m(13010324)
3746859.5 | 0.28703m(13010324) 0.28705m(13010324) 0.28701m(13010324)
0.28691m(13010324) 0.28676m(13010324)
3746809.5 | 0.35509m(13010324) 0.35508m(13010324) 0.35498m(13010324)
0.35477m(13010324) 0.35450m(13010324)
3746759.5 | 0.47242m(13010324) 0.47235m(13010324) 0.47208m(13010324)
0.47161m(13010324) 0.47099m(13010324)
3746709.5 | 0.73815m(13010324) 0.73817m(13010324) 0.73752m(13010324)
0.73595m(13010324) 0.73405m(13010324)
3746659.5 | 0.55485m(13010324) 0.56318m(13010324) 0.57359m(13010324)
0.58626m(13010324) 0.60125m(13010324)
3746609.5 | 0.71423m(13010324) 0.70636m(13010324) 0.70102m(13010324)
0.69754m(13010324) 0.69632m(13010324)
3746559.5 | 0.56622m(13010324) 0.56665m(13010324) 0.56734m(13010324)
0.56835m(13010324) 0.56950m(13010324)
3746509.5 | 0.40165m(13010324) 0.40199m(13010324) 0.40240m(13010324)
0.40288m(13010324) 0.40341m(13010324)
3746459.5 | 0.31532m(13010324) 0.31562m(13010324) 0.31593m(13010324)
0.31625m(13010324) 0.31658m(13010324)
3746409.5 | 0.26099m(13010324) 0.26126m(13010324) 0.26152m(13010324)
0.26178m(13010324) 0.26202m(13010324)
3746359.5 | 0.22316m(13010324) 0.22342m(13010324) 0.22365m(13010324)
0.22387m(13010324) 0.22406m(13010324)
3746309.5 | 0.19506m(13010324) 0.19531m(13010324) 0.19553m(13010324)
0.19572m(13010324) 0.19589m(13010324)
3746259.5 | 0.17324m(13010324) 0.17348m(13010324) 0.17369m(13010324)
0.17387m(13010324) 0.17402m(13010324)

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN

Y-COORD (METERS)			X-COORD (METERS)
406603.57	406453.57	406503.57	406553.57

3747209.5	0.12511m(13010324)	0.12506m(13010324)	0.12498m(13010324)
0.12488m(13010324)	0.12476m(13010324)		
3747159.5	0.13623m(13010324)	0.13617m(13010324)	0.13608m(13010324)
0.13597m(13010324)	0.13584m(13010324)		
3747109.5	0.14936m(13010324)	0.14929m(13010324)	0.14920m(13010324)
0.14908m(13010324)	0.14894m(13010324)		
3747059.5	0.16516m(13010324)	0.16509m(13010324)	0.16498m(13010324)
0.16485m(13010324)	0.16469m(13010324)		
3747009.5	0.18461m(13010324)	0.18451m(13010324)	0.18439m(13010324)
0.18424m(13010324)	0.18407m(13010324)		
3746959.5	0.20923m(13010324)	0.20911m(13010324)	0.20896m(13010324)
0.20878m(13010324)	0.20858m(13010324)		
3746909.5	0.24161m(13010324)	0.24145m(13010324)	0.24126m(13010324)
0.24104m(13010324)	0.24079m(13010324)		
3746859.5	0.28657m(13010324)	0.28633m(13010324)	0.28606m(13010324)
0.28577m(13010324)	0.28544m(13010324)		
3746809.5	0.35416m(13010324)	0.35378m(13010324)	0.35336m(13010324)
0.35291m(13010324)	0.35244m(13010324)		
3746759.5	0.47030m(13010324)	0.46956m(13010324)	0.46878m(13010324)
0.46798m(13010324)	0.46715m(13010324)		
3746709.5	0.73201m(13010324)	0.72988m(13010324)	0.72767m(13010324)
0.72542m(13010324)	0.72313m(13010324)		
3746659.5	0.60577m(13010324)	0.58943m(13010324)	0.57583m(13010324)
0.56464m(13010324)	0.55561m(13010324)		
3746609.5	0.69719m(13010324)	0.70018m(13010324)	0.70538m(13010324)
0.71285m(13010324)	0.72268m(13010324)		
3746559.5	0.57069m(13010324)	0.57187m(13010324)	0.57304m(13010324)
0.57419m(13010324)	0.57531m(13010324)		
3746509.5	0.40396m(13010324)	0.40450m(13010324)	0.40502m(13010324)
0.40552m(13010324)	0.40599m(13010324)		
3746459.5	0.31691m(13010324)	0.31722m(13010324)	0.31751m(13010324)
0.31778m(13010324)	0.31803m(13010324)		
3746409.5	0.26225m(13010324)	0.26246m(13010324)	0.26265m(13010324)
0.26281m(13010324)	0.26295m(13010324)		
3746359.5	0.22424m(13010324)	0.22440m(13010324)	0.22453m(13010324)
0.22464m(13010324)	0.22472m(13010324)		
3746309.5	0.19604m(13010324)	0.19616m(13010324)	0.19626m(13010324)
0.19634m(13010324)	0.19638m(13010324)		
3746259.5	0.17415m(13010324)	0.17425m(13010324)	0.17433m(13010324)
0.17438m(13010324)	0.17440m(13010324)		

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³

**

Y-COORD (METERS)			X-COORD (METERS)
406853.57	406703.57	406753.57	406803.57
	406903.57		

3747209.5	0.12461m(13010324)	0.12444m(13010324)	0.12424m(13010324)
0.12402m(13010324)	0.12377m(13010324)		
3747159.5	0.13569m(13010324)	0.13551m(13010324)	0.13530m(13010324)
0.13507m(13010324)	0.13481m(13010324)		
3747109.5	0.14877m(13010324)	0.14858m(13010324)	0.14837m(13010324)
0.14812m(13010324)	0.14785m(13010324)		
3747059.5	0.16451m(13010324)	0.16431m(13010324)	0.16408m(13010324)
0.16382m(13010324)	0.16353m(13010324)		
3747009.5	0.18387m(13010324)	0.18364m(13010324)	0.18339m(13010324)
0.18311m(13010324)	0.18281m(13010324)		
3746959.5	0.20835m(13010324)	0.20809m(13010324)	0.20781m(13010324)
0.20750m(13010324)	0.20717m(13010324)		
3746909.5	0.24052m(13010324)	0.24022m(13010324)	0.23989m(13010324)
0.23954m(13010324)	0.23917m(13010324)		
3746859.5	0.28509m(13010324)	0.28471m(13010324)	0.28431m(13010324)
0.28389m(13010324)	0.28345m(13010324)		
3746809.5	0.35194m(13010324)	0.35141m(13010324)	0.35086m(13010324)
0.35030m(13010324)	0.34973m(13010324)		
3746759.5	0.46630m(13010324)	0.46542m(13010324)	0.46452m(13010324)
0.46362m(13010324)	0.46272m(13010324)		
3746709.5	0.72085m(13010324)	0.71858m(13010324)	0.71634m(13010324)
0.71415m(13010324)	0.71207m(13010324)		
3746659.5	0.54852m(13010324)	0.54324m(13010324)	0.53964m(13010324)
0.53766m(13010324)	0.53728m(13010324)		
3746609.5	0.51178m(13010324)	0.50890m(13010324)	0.50703m(13010324)
0.50616m(13010324)	0.50624m(13010324)		
3746559.5	0.57641m(13010324)	0.57748m(13010324)	0.57852m(13010324)
0.57952m(13010324)	0.58044m(13010324)		
3746509.5	0.40643m(13010324)	0.40685m(13010324)	0.40723m(13010324)
0.40756m(13010324)	0.40783m(13010324)		
3746459.5	0.31824m(13010324)	0.31843m(13010324)	0.31858m(13010324)
0.31868m(13010324)	0.31874m(13010324)		
3746409.5	0.26306m(13010324)	0.26314m(13010324)	0.26318m(13010324)
0.26318m(13010324)	0.26315m(13010324)		
3746359.5	0.22477m(13010324)	0.22479m(13010324)	0.22477m(13010324)
0.22472m(13010324)	0.22464m(13010324)		
3746309.5	0.19640m(13010324)	0.19638m(13010324)	0.19633m(13010324)
0.19626m(13010324)	0.19614m(13010324)		
3746259.5	0.17440m(13010324)	0.17436m(13010324)	0.17430m(13010324)
0.17420m(13010324)	0.17407m(13010324)		

*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 406953.57 407003.57 407053.57
407103.57 407153.57

3747209.5 | 0.12350m(13010324) 0.12320m(13010324) 0.12287m(13010324)
0.12251m(13010324) 0.12212m(13010324)
3747159.5 | 0.13453m(13010324) 0.13422m(13010324) 0.13388m(13010324)
0.13350m(13010324) 0.13310m(13010324)
3747109.5 | 0.14756m(13010324) 0.14723m(13010324) 0.14688m(13010324)
0.14649m(13010324) 0.14607m(13010324)
3747059.5 | 0.16322m(13010324) 0.16288m(13010324) 0.16251m(13010324)
0.16211m(13010324) 0.16168m(13010324)
3747009.5 | 0.18247m(13010324) 0.18212m(13010324) 0.18173m(13010324)
0.18131m(13010324) 0.18085m(13010324)
3746959.5 | 0.20682m(13010324) 0.20643m(13010324) 0.20602m(13010324)
0.20558m(13010324) 0.20510m(13010324)
3746909.5 | 0.23877m(13010324) 0.23835m(13010324) 0.23791m(13010324)
0.23743m(13010324) 0.23692m(13010324)
3746859.5 | 0.28299m(13010324) 0.28251m(13010324) 0.28202m(13010324)
0.28149m(13010324) 0.28093m(13010324)
3746809.5 | 0.34915m(13010324) 0.34857m(13010324) 0.34799m(13010324)
0.34738m(13010324) 0.34673m(13010324)
3746759.5 | 0.46187m(13010324) 0.46107m(13010324) 0.46028m(13010324)
0.45948m(13010324) 0.45865m(13010324)
3746709.5 | 0.71028m(13010324) 0.70883m(13010324) 0.70748m(13010324)
0.70613m(13010324) 0.70476m(13010324)
3746659.5 | 0.53844m(13010324) 0.54116m(13010324) 0.54555m(13010324)
0.55165m(13010324) 0.55958m(13010324)
3746609.5 | 0.50738m(13010324) 0.50960m(13010324) 0.51282m(13010324)
0.51715m(13010324) 0.72442m(13010324)
3746559.5 | 0.58117m(13010324) 0.58171m(13010324) 0.58213m(13010324)
0.58250m(13010324) 0.58281m(13010324)
3746509.5 | 0.40802m(13010324) 0.40813m(13010324) 0.40816m(13010324)
0.40813m(13010324) 0.40806m(13010324)
3746459.5 | 0.31875m(13010324) 0.31870m(13010324) 0.31859m(13010324)
0.31844m(13010324) 0.31823m(13010324)
3746409.5 | 0.26307m(13010324) 0.26294m(13010324) 0.26277m(13010324)
0.26256m(13010324) 0.26229m(13010324)
3746359.5 | 0.22451m(13010324) 0.22435m(13010324) 0.22414m(13010324)
0.22389m(13010324) 0.22360m(13010324)
3746309.5 | 0.19599m(13010324) 0.19580m(13010324) 0.19557m(13010324)
0.19531m(13010324) 0.19500m(13010324)
3746259.5 | 0.17390m(13010324) 0.17370m(13010324) 0.17346m(13010324)
0.17318m(13010324) 0.17286m(13010324)

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM 2.5 IN
 MICROGRAMS/M**3 **

Y-COORD		X-COORD (METERS)
(METERS)	407203.57	407253.57
407353.57	407403.57	407303.57

3747209.5	0.12170m(13010324)	0.12124m(13010324)	0.12074m(13010324)
0.12020m(13010324)	0.11962m(13010324)		
3747159.5	0.13266m(13010324)	0.13219m(13010324)	0.13167m(13010324)
0.13112m(13010324)	0.13051m(13010324)		
3747109.5	0.14562m(13010324)	0.14513m(13010324)	0.14460m(13010324)
0.14402m(13010324)	0.14340m(13010324)		
3747059.5	0.16120m(13010324)	0.16069m(13010324)	0.16014m(13010324)
0.15955m(13010324)	0.15891m(13010324)		
3747009.5	0.18036m(13010324)	0.17983m(13010324)	0.17926m(13010324)
0.17864m(13010324)	0.17798m(13010324)		
3746959.5	0.20459m(13010324)	0.20403m(13010324)	0.20343m(13010324)
0.20279m(13010324)	0.20209m(13010324)		
3746909.5	0.23638m(13010324)	0.23579m(13010324)	0.23516m(13010324)
0.23448m(13010324)	0.23375m(13010324)		
3746859.5	0.28034m(13010324)	0.27971m(13010324)	0.27903m(13010324)
0.27830m(13010324)	0.27752m(13010324)		
3746809.5	0.34606m(13010324)	0.34534m(13010324)	0.34457m(13010324)
0.34376m(13010324)	0.34289m(13010324)		
3746759.5	0.45778m(13010324)	0.45687m(13010324)	0.45592m(13010324)
0.45491m(13010324)	0.45385m(13010324)		
3746709.5	0.70332m(13010324)	0.70181m(13010324)	0.70022m(13010324)
0.69854m(13010324)	0.69676m(13010324)		
3746659.5	0.56947m(13010324)	0.58153m(13010324)	0.80127m(13010324)
0.58925m(13010324)	0.57408m(13010324)		
3746609.5	0.71768m(13010324)	0.71332m(13010324)	0.71136m(13010324)
0.71184m(13010324)	0.71482m(13010324)		
3746559.5	0.58308m(13010324)	0.58330m(13010324)	0.58347m(13010324)
0.58358m(13010324)	0.58363m(13010324)		
3746509.5	0.40793m(13010324)	0.40776m(13010324)	0.40754m(13010324)
0.40726m(13010324)	0.40693m(13010324)		
3746459.5	0.31798m(13010324)	0.31768m(13010324)	0.31733m(13010324)
0.31692m(13010324)	0.31646m(13010324)		
3746409.5	0.26198m(13010324)	0.26163m(13010324)	0.26122m(13010324)
0.26076m(13010324)	0.26024m(13010324)		
3746359.5	0.22326m(13010324)	0.22288m(13010324)	0.22244m(13010324)
0.22195m(13010324)	0.22141m(13010324)		
3746309.5	0.19464m(13010324)	0.19424m(13010324)	0.19380m(13010324)
0.19330m(13010324)	0.19274m(13010324)		
3746259.5	0.17250m(13010324)	0.17209m(13010324)	0.17164m(13010324)
0.17114m(13010324)	0.17058m(13010324)		

PF *** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
 GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 19:19:30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD			X-COORD (METERS)
(METERS)	407453.57	407503.57	407553.57
407603.57	407653.57		

3747209.5	0.11900m(13010324)	0.11832m(13010324)	0.11760m(13010324)
0.11681m(13010324)	0.11597m(13010324)		
3747159.5	0.12987m(13010324)	0.12917m(13010324)	0.12841m(13010324)
0.12760m(13010324)	0.12672m(13010324)		
3747109.5	0.14273m(13010324)	0.14201m(13010324)	0.14122m(13010324)
0.14038m(13010324)	0.13947m(13010324)		
3747059.5	0.15821m(13010324)	0.15746m(13010324)	0.15665m(13010324)
0.15578m(13010324)	0.15483m(13010324)		
3747009.5	0.17726m(13010324)	0.17648m(13010324)	0.17564m(13010324)
0.17473m(13010324)	0.17375m(13010324)		
3746959.5	0.20134m(13010324)	0.20054m(13010324)	0.19966m(13010324)
0.19872m(13010324)	0.19770m(13010324)		
3746909.5	0.23296m(13010324)	0.23212m(13010324)	0.23120m(13010324)
0.23022m(13010324)	0.22916m(13010324)		
3746859.5	0.27668m(13010324)	0.27578m(13010324)	0.27481m(13010324)
0.27376m(13010324)	0.27264m(13010324)		
3746809.5	0.34196m(13010324)	0.34097m(13010324)	0.33991m(13010324)
0.33877m(13010324)	0.33756m(13010324)		
3746759.5	0.45273m(13010324)	0.45154m(13010324)	0.45029m(13010324)
0.44895m(13010324)	0.44754m(13010324)		
3746709.5	0.69490m(13010324)	0.69295m(13010324)	0.69093m(13010324)
0.68883m(13010324)	0.68668m(13010324)		
3746659.5	0.56131m(13010324)	0.55066m(13010324)	0.54192m(13010324)
0.53492m(13010324)	0.52953m(13010324)		
3746609.5	0.72035m(13010324)	0.51884m(13010324)	0.51283m(13010324)
0.50791m(13010324)	0.50405m(13010324)		
3746559.5	0.58361m(13010324)	0.58352m(13010324)	0.58335m(13010324)
0.58309m(13010324)	0.58273m(13010324)		
3746509.5	0.40653m(13010324)	0.40605m(13010324)	0.40550m(13010324)
0.40486m(13010324)	0.40412m(13010324)		
3746459.5	0.31593m(13010324)	0.31533m(13010324)	0.31466m(13010324)
0.31389m(13010324)	0.31302m(13010324)		
3746409.5	0.25966m(13010324)	0.25901m(13010324)	0.25828m(13010324)
0.25746m(13010324)	0.25655m(13010324)		
3746359.5	0.22080m(13010324)	0.22013m(13010324)	0.21938m(13010324)
0.21855m(13010324)	0.21763m(13010324)		
3746309.5	0.19213m(13010324)	0.19145m(13010324)	0.19070m(13010324)
0.18987m(13010324)	0.18895m(13010324)		
3746259.5	0.16997m(13010324)	0.16929m(13010324)	0.16855m(13010324)
0.16773m(13010324)	0.16682m(13010324)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³

**

Y-COORD			X-COORD (METERS)
(METERS)	407703.57	407753.57	407803.57
407853.57	407903.57		

3747209.5	0.11506m(13010324)	0.11408m(13010324)	0.11302m(13010324)
0.11188m(13010324)	0.11064m(13010324)		
3747159.5	0.12578m(13010324)	0.12475m(13010324)	0.12365m(13010324)
0.12245m(13010324)	0.12115m(13010324)		
3747109.5	0.13848m(13010324)	0.13742m(13010324)	0.13626m(13010324)
0.13501m(13010324)	0.13364m(13010324)		
3747059.5	0.15381m(13010324)	0.15270m(13010324)	0.15150m(13010324)
0.15019m(13010324)	0.14876m(13010324)		
3747009.5	0.17269m(13010324)	0.17154m(13010324)	0.17029m(13010324)
0.16893m(13010324)	0.16745m(13010324)		
3746959.5	0.19660m(13010324)	0.19541m(13010324)	0.19411m(13010324)
0.19271m(13010324)	0.19117m(13010324)		
3746909.5	0.22801m(13010324)	0.22677m(13010324)	0.22543m(13010324)
0.22398m(13010324)	0.22240m(13010324)		
3746859.5	0.27144m(13010324)	0.27014m(13010324)	0.26876m(13010324)
0.26727m(13010324)	0.26566m(13010324)		
3746809.5	0.33626m(13010324)	0.33488m(13010324)	0.33343m(13010324)
0.33191m(13010324)	0.33031m(13010324)		
3746759.5	0.44604m(13010324)	0.44448m(13010324)	0.44289m(13010324)
0.44135m(13010324)	0.43984m(13010324)		
3746709.5	0.68447m(13010324)	0.68224m(13010324)	0.68010m(13010324)
0.67853m(13010324)	0.67767m(13010324)		
3746659.5	0.52567m(13010324)	0.52327m(13010324)	0.52238m(13010324)
0.52285m(13010324)	0.52467m(13010324)		
3746609.5	0.50120m(13010324)	0.49933m(13010324)	0.49826m(13010324)
0.49821m(13010324)	0.49919m(13010324)		
3746559.5	0.58225m(13010324)	0.58160m(13010324)	0.58065m(13010324)
0.57910m(13010324)	0.57685m(13010324)		
3746509.5	0.40325m(13010324)	0.40221m(13010324)	0.40096m(13010324)
0.39941m(13010324)	0.39752m(13010324)		
3746459.5	0.31203m(13010324)	0.31090m(13010324)	0.30959m(13010324)
0.30806m(13010324)	0.30630m(13010324)		
3746409.5	0.25552m(13010324)	0.25437m(13010324)	0.25306m(13010324)
0.25157m(13010324)	0.24989m(13010324)		
3746359.5	0.21660m(13010324)	0.21545m(13010324)	0.21416m(13010324)
0.21272m(13010324)	0.21110m(13010324)		
3746309.5	0.18793m(13010324)	0.18680m(13010324)	0.18554m(13010324)
0.18415m(13010324)	0.18260m(13010324)		

3746259.5 | 0.16583m(13010324) 0.16473m(13010324) 0.16351m(13010324)
0.16217m(13010324) 0.16069m(13010324)
*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	407953.57	408003.57
408103.57	408153.57	408053.57

3747209.5 | 0.10930m(13010324) 0.10785m(13010324) 0.10628m(13010324)
0.10457m(13010324) 0.10272m(13010324)
3747159.5 | 0.11973m(13010324) 0.11820m(13010324) 0.11652m(13010324)
0.11469m(13010324) 0.11270m(13010324)
3747109.5 | 0.13216m(13010324) 0.13053m(13010324) 0.12875m(13010324)
0.12680m(13010324) 0.12465m(13010324)
3747059.5 | 0.14720m(13010324) 0.14549m(13010324) 0.14360m(13010324)
0.14152m(13010324) 0.13921m(13010324)
3747009.5 | 0.16582m(13010324) 0.16402m(13010324) 0.16203m(13010324)
0.15982m(13010324) 0.15736m(13010324)
3746959.5 | 0.18947m(13010324) 0.18760m(13010324) 0.18552m(13010324)
0.18320m(13010324) 0.18058m(13010324)
3746909.5 | 0.22066m(13010324) 0.21873m(13010324) 0.21657m(13010324)
0.21414m(13010324) 0.21138m(13010324)
3746859.5 | 0.26389m(13010324) 0.26193m(13010324) 0.25973m(13010324)
0.25723m(13010324) 0.25437m(13010324)
3746809.5 | 0.32857m(13010324) 0.32663m(13010324) 0.32445m(13010324)
0.32194m(13010324) 0.31904m(13010324)
3746759.5 | 0.43826m(13010324) 0.43650m(13010324) 0.43449m(13010324)
0.43213m(13010324) 0.42935m(13010324)
3746709.5 | 0.67694m(13010324) 0.67605m(13010324) 0.67490m(13010324)
0.67339m(13010324) 0.67141m(13010324)
3746659.5 | 0.52811m(13010324) 0.53311m(13010324) 0.53974m(13010324)
0.54812m(13010324) 0.55840m(13010324)
3746609.5 | 0.50087m(13010324) 0.50340m(13010324) 0.70698m(13010324)
0.69669m(13010324) 0.68863m(13010324)
3746559.5 | 0.57416m(13010324) 0.57113m(13010324) 0.56778m(13010324)
0.56406m(13010324) 0.55988m(13010324)
3746509.5 | 0.39532m(13010324) 0.39282m(13010324) 0.39001m(13010324)
0.38684m(13010324) 0.38324m(13010324)
3746459.5 | 0.30429m(13010324) 0.30201m(13010324) 0.29944m(13010324)
0.29653m(13010324) 0.29323m(13010324)
3746409.5 | 0.24799m(13010324) 0.24585m(13010324) 0.24344m(13010324)
0.24072m(13010324) 0.23765m(13010324)

3746359.5 | 0.20929m(13010324) 0.20727m(13010324) 0.20500m(13010324)
0.20245m(13010324) 0.19958m(13010324)
3746309.5 | 0.18088m(13010324) 0.17896m(13010324) 0.17682m(13010324)
0.17444m(13010324) 0.17176m(13010324)
3746259.5 | 0.15905m(13010324) 0.15723m(13010324) 0.15522m(13010324)
0.15299m(13010324) 0.15050m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD | X-COORD (METERS)
(METERS) | 408203.57 408253.57 408303.57
408353.57 408403.57

3747209.5 | 0.10072m(13010324) 0.09854m(13010324) 0.09619m(13010324)
0.09366m(13010324) 0.09093m(13010324)
3747159.5 | 0.11052m(13010324) 0.10814m(13010324) 0.10554m(13010324)
0.10272m(13010324) 0.09966m(13010324)
3747109.5 | 0.12228m(13010324) 0.11968m(13010324) 0.11681m(13010324)
0.11365m(13010324) 0.11019m(13010324)
3747059.5 | 0.13665m(13010324) 0.13381m(13010324) 0.13063m(13010324)
0.12710m(13010324) 0.12318m(13010324)
3747009.5 | 0.15459m(13010324) 0.15149m(13010324) 0.14799m(13010324)
0.14404m(13010324) 0.13958m(13010324)
3746959.5 | 0.17761m(13010324) 0.17424m(13010324) 0.17040m(13010324)
0.16598m(13010324) 0.16091m(13010324)
3746909.5 | 0.20823m(13010324) 0.20461m(13010324) 0.20040m(13010324)
0.19550m(13010324) 0.18975m(13010324)
3746859.5 | 0.25106m(13010324) 0.24721m(13010324) 0.24267m(13010324)
0.23728m(13010324) 0.23081m(13010324)
3746809.5 | 0.31565m(13010324) 0.31164m(13010324) 0.30684m(13010324)
0.30103m(13010324) 0.29386m(13010324)
3746759.5 | 0.42604m(13010324) 0.42205m(13010324) 0.41718m(13010324)
0.41114m(13010324) 0.40348m(13010324)
3746709.5 | 0.66883m(13010324) 0.66550m(13010324) 0.66118m(13010324)
0.65553m(13010324) 0.64804m(13010324)
3746659.5 | 0.77029m(13010324) 0.55091m(13010324) 0.53196m(13010324)
0.51392m(13010324) 0.49600m(13010324)
3746609.5 | 0.68260m(13010324) 0.67836m(13010324) 0.67562m(13010324)
0.67397m(13010324) 0.46111m(13010324)
3746559.5 | 0.55514m(13010324) 0.54969m(13010324) 0.54331m(13010324)
0.53567m(13010324) 0.52629m(13010324)
3746509.5 | 0.37912m(13010324) 0.37434m(13010324) 0.36870m(13010324)
0.36196m(13010324) 0.35371m(13010324)

3746459.5 | 0.28944m(13010324) 0.28506m(13010324) 0.27993m(13010324)
0.27385m(13010324) 0.26653m(13010324)
3746409.5 | 0.23413m(13010324) 0.23010m(13010324) 0.22543m(13010324)
0.21996m(13010324) 0.21352m(13010324)
3746359.5 | 0.19633m(13010324) 0.19262m(13010324) 0.18838m(13010324)
0.18350m(13010324) 0.17785m(13010324)
3746309.5 | 0.16876m(13010324) 0.16537m(13010324) 0.16153m(13010324)
0.15719m(13010324) 0.15225m(13010324)
3746259.5 | 0.14774m(13010324) 0.14465m(13010324) 0.14119m(13010324)
0.13732m(13010324) 0.13300m(13010324)

*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

Y-COORD		X-COORD (METERS)
(METERS)	408453.57	408503.57
408603.57	408653.57	408553.57

3747209.5 | 0.08802m(13010324) 0.08494m(13010324) 0.08169m(13010324)
0.07831m(13010324) 0.07483m(13010324)
3747159.5 | 0.09635m(13010324) 0.09281m(13010324) 0.08906m(13010324)
0.08512m(13010324) 0.08105m(13010324)
3747109.5 | 0.10642m(13010324) 0.10233m(13010324) 0.09794m(13010324)
0.09330m(13010324) 0.08847m(13010324)
3747059.5 | 0.11884m(13010324) 0.11407m(13010324) 0.10888m(13010324)
0.10333m(13010324) 0.09749m(13010324)
3747009.5 | 0.13456m(13010324) 0.12894m(13010324) 0.12272m(13010324)
0.11595m(13010324) 0.10873m(13010324)
3746959.5 | 0.15508m(13010324) 0.14841m(13010324) 0.14083m(13010324)
0.13239m(13010324) 0.12322m(13010324)
3746909.5 | 0.18297m(13010324) 0.17498m(13010324) 0.16561m(13010324)
0.15481m(13010324) 0.14275m(13010324)
3746859.5 | 0.22295m(13010324) 0.21335m(13010324) 0.20160m(13010324)
0.18738m(13010324) 0.17074m(13010324)
3746809.5 | 0.28488m(13010324) 0.27342m(13010324) 0.25857m(13010324)
0.23927m(13010324) 0.21485m(13010324)
3746759.5 | 0.39353m(13010324) 0.38021m(13010324) 0.36169m(13010324)
0.33503m(13010324) 0.29627m(13010324)
3746709.5 | 0.63783m(13010324) 0.62337m(13010324) 0.60165m(13010324)
0.56606m(13010324) 0.50067m(13010324)
3746659.5 | 0.47704m(13010324) 0.45510m(13010324) 0.42617m(13010324)
0.38009m(13010324) 0.27959m(13010324)
3746609.5 | 0.44420m(13010324) 0.42386m(13010324) 0.39641m(13010324)
0.35284m(13010324) 0.26424m(13010324)

3746559.5 | 0.51438m(13010324) 0.49856m(13010324) 0.47634m(13010324)
0.44286m(13010324) 0.38894m(13010324)
3746509.5 | 0.34338m(13010324) 0.33007m(13010324) 0.31240m(13010324)
0.28844m(13010324) 0.25621m(13010324)
3746459.5 | 0.25760m(13010324) 0.24652m(13010324) 0.23266m(13010324)
0.21537m(13010324) 0.19443m(13010324)
3746409.5 | 0.20586m(13010324) 0.19671m(13010324) 0.18578m(13010324)
0.17293m(13010324) 0.15828m(13010324)
3746359.5 | 0.17131m(13010324) 0.16372m(13010324) 0.15500m(13010324)
0.14514m(13010324) 0.13430m(13010324)
3746309.5 | 0.14664m(13010324) 0.14032m(13010324) 0.13323m(13010324)
0.12545m(13010324) 0.11709m(13010324)
3746259.5 | 0.12818m(13010324) 0.12285m(13010324) 0.11701m(13010324)
0.11071m(13010324) 0.10405m(13010324)
*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM 2.5 IN
MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 408703.57 408753.57 408803.57
408853.57 408903.57

3747209.5 | 0.07130m(13010324) 0.06776m(13010324) 0.06426m(13010324)
0.06085m(13010324) 0.05755m(13010324)
3747159.5 | 0.07691m(13010324) 0.07276m(13010324) 0.06866m(13010324)
0.06468m(13010324) 0.06088m(13010324)
3747109.5 | 0.08353m(13010324) 0.07858m(13010324) 0.07371m(13010324)
0.06902m(13010324) 0.06456m(13010324)
3747059.5 | 0.09149m(13010324) 0.08547m(13010324) 0.07958m(13010324)
0.07395m(13010324) 0.06867m(13010324)
3747009.5 | 0.10126m(13010324) 0.09376m(13010324) 0.08648m(13010324)
0.07960m(13010324) 0.07325m(13010324)
3746959.5 | 0.11363m(13010324) 0.10399m(13010324) 0.09472m(13010324)
0.08611m(13010324) 0.07835m(13010324)
3746909.5 | 0.12989m(13010324) 0.11696m(13010324) 0.10471m(13010324)
0.09365m(13010324) 0.08399m(13010324)
3746859.5 | 0.15245m(13010324) 0.13402m(13010324) 0.11702m(13010324)
0.10233m(13010324) 0.09011m(13010324)
3746809.5 | 0.18640m(13010324) 0.15758m(13010324) 0.13234m(13010324)
0.11215m(13010324) 0.09650m(13010324)
3746759.5 | 0.24482m(13010324) 0.19210m(13010324) 0.15110m(13010324)
0.12257m(13010324) 0.10265m(13010324)
3746709.5 | 0.37693m(13010324) 0.24450m(13010324) 0.17164m(13010324)
0.13196m(13010324) 0.10760m(13010324)

3746659.5 | 0.29039m(13010324) 0.30213m(13010324) 0.18569m(13010324)
0.13726m(13010324) 0.11015m(13010324)
3746609.5 | 0.27284m(13010324) 0.28199m(13010324) 0.18160m(13010324)
0.13582m(13010324) 0.10948m(13010324)
3746559.5 | 0.30619m(13010324) 0.22049m(13010324) 0.16336m(13010324)
0.12844m(13010324) 0.10582m(13010324)
3746509.5 | 0.21655m(13010324) 0.17633m(13010324) 0.14310m(13010324)
0.11835m(13010324) 0.10026m(13010324)
3746459.5 | 0.17084m(13010324) 0.14709m(13010324) 0.12577m(13010324)
0.10808m(13010324) 0.09394m(13010324)
3746409.5 | 0.14247m(13010324) 0.12659m(13010324) 0.11178m(13010324)
0.09872m(13010324) 0.08762m(13010324)
3746359.5 | 0.12288m(13010324) 0.11142m(13010324) 0.10050m(13010324)
0.09052m(13010324) 0.08168m(13010324)
3746309.5 | 0.10840m(13010324) 0.09969m(13010324) 0.09128m(13010324)
0.08342m(13010324) 0.07627m(13010324)
3746259.5 | 0.09719m(13010324) 0.09032m(13010324) 0.08363m(13010324)
0.07728m(13010324) 0.07138m(13010324)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

PAGE 59
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***
** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

DATE NETWORK
GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

ALL HIGH 1ST HIGH VALUE IS 0.85053m ON 13010324: AT (405203.57, 3746609.46,
0.00, 0.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 19:19:30

PAGE 60
*** 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 2285 Informational Message(s)
A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 7/6/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Ops CA-91 DPM\14635 Ops
CA-91 DPM.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 3010232 Orange_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "14635 Ops CA-91 DPM.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 53.00
** Configuration = Adjacent
** Emission Rate = 0.01064
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 13
** 404371.937, 3746972.329, 0.00, 3.49, 24.65
** 404707.688, 3746802.877, 0.00, 3.49, 24.65
** 404797.537, 3746763.470, 0.00, 3.49, 24.65
** 404850.343, 3746740.613, 0.00, 3.49, 24.65
** 404939.404, 3746711.452, 0.00, 3.49, 24.65
** 405094.669, 3746674.409, 0.00, 3.49, 24.65
** 405206.586, 3746657.070, 0.00, 3.49, 24.65
** 405325.596, 3746650.764, 0.00, 3.49, 24.65
** 405904.885, 3746647.612, 0.00, 3.49, 24.65
** 406282.408, 3746647.612, 0.00, 3.49, 24.65
** 406934.995, 3746644.459, 0.00, 3.49, 24.65
** 407837.003, 3746642.031, 0.00, 3.49, 24.65
** 408727.746, 3746644.991, 0.00, 3.49, 24.65
** -----
  LOCATION L0000001      VOLUME  404395.595 3746960.389 0.0
  LOCATION L0000002      VOLUME  404442.911 3746936.509 0.0
  LOCATION L0000003      VOLUME  404490.226 3746912.629 0.0
  LOCATION L0000004      VOLUME  404537.541 3746888.749 0.0

```

LOCATION	L0000005	VOLUME	404584.857	3746864.869	0.0
LOCATION	L0000006	VOLUME	404632.172	3746840.990	0.0
LOCATION	L0000007	VOLUME	404679.488	3746817.110	0.0
LOCATION	L0000008	VOLUME	404727.297	3746794.277	0.0
LOCATION	L0000009	VOLUME	404775.833	3746772.989	0.0
LOCATION	L0000010	VOLUME	404824.427	3746751.831	0.0
LOCATION	L0000011	VOLUME	404873.874	3746732.908	0.0
LOCATION	L0000012	VOLUME	404924.243	3746716.416	0.0
LOCATION	L0000013	VOLUME	404975.439	3746702.855	0.0
LOCATION	L0000014	VOLUME	405026.992	3746690.555	0.0
LOCATION	L0000015	VOLUME	405078.545	3746678.256	0.0
LOCATION	L0000016	VOLUME	405130.664	3746668.832	0.0
LOCATION	L0000017	VOLUME	405183.039	3746660.718	0.0
LOCATION	L0000018	VOLUME	405235.717	3746655.526	0.0
LOCATION	L0000019	VOLUME	405288.643	3746652.722	0.0
LOCATION	L0000020	VOLUME	405341.591	3746650.677	0.0
LOCATION	L0000021	VOLUME	405394.590	3746650.389	0.0
LOCATION	L0000022	VOLUME	405447.589	3746650.100	0.0
LOCATION	L0000023	VOLUME	405500.588	3746649.812	0.0
LOCATION	L0000024	VOLUME	405553.587	3746649.524	0.0
LOCATION	L0000025	VOLUME	405606.587	3746649.235	0.0
LOCATION	L0000026	VOLUME	405659.586	3746648.947	0.0
LOCATION	L0000027	VOLUME	405712.585	3746648.658	0.0
LOCATION	L0000028	VOLUME	405765.584	3746648.370	0.0
LOCATION	L0000029	VOLUME	405818.584	3746648.081	0.0
LOCATION	L0000030	VOLUME	405871.583	3746647.793	0.0
LOCATION	L0000031	VOLUME	405924.582	3746647.612	0.0
LOCATION	L0000032	VOLUME	405977.582	3746647.612	0.0
LOCATION	L0000033	VOLUME	406030.582	3746647.612	0.0
LOCATION	L0000034	VOLUME	406083.582	3746647.612	0.0
LOCATION	L0000035	VOLUME	406136.582	3746647.612	0.0
LOCATION	L0000036	VOLUME	406189.582	3746647.612	0.0
LOCATION	L0000037	VOLUME	406242.582	3746647.612	0.0
LOCATION	L0000038	VOLUME	406295.582	3746647.548	0.0
LOCATION	L0000039	VOLUME	406348.581	3746647.292	0.0
LOCATION	L0000040	VOLUME	406401.581	3746647.036	0.0
LOCATION	L0000041	VOLUME	406454.580	3746646.780	0.0
LOCATION	L0000042	VOLUME	406507.580	3746646.524	0.0
LOCATION	L0000043	VOLUME	406560.579	3746646.268	0.0
LOCATION	L0000044	VOLUME	406613.578	3746646.012	0.0
LOCATION	L0000045	VOLUME	406666.578	3746645.756	0.0
LOCATION	L0000046	VOLUME	406719.577	3746645.500	0.0
LOCATION	L0000047	VOLUME	406772.577	3746645.244	0.0
LOCATION	L0000048	VOLUME	406825.576	3746644.988	0.0
LOCATION	L0000049	VOLUME	406878.575	3746644.732	0.0
LOCATION	L0000050	VOLUME	406931.575	3746644.476	0.0
LOCATION	L0000051	VOLUME	406984.574	3746644.326	0.0
LOCATION	L0000052	VOLUME	407037.574	3746644.183	0.0
LOCATION	L0000053	VOLUME	407090.574	3746644.040	0.0
LOCATION	L0000054	VOLUME	407143.574	3746643.898	0.0
LOCATION	L0000055	VOLUME	407196.574	3746643.755	0.0
LOCATION	L0000056	VOLUME	407249.574	3746643.612	0.0
LOCATION	L0000057	VOLUME	407302.573	3746643.470	0.0
LOCATION	L0000058	VOLUME	407355.573	3746643.327	0.0
LOCATION	L0000059	VOLUME	407408.573	3746643.184	0.0
LOCATION	L0000060	VOLUME	407461.573	3746643.042	0.0
LOCATION	L0000061	VOLUME	407514.573	3746642.899	0.0
LOCATION	L0000062	VOLUME	407567.572	3746642.756	0.0
LOCATION	L0000063	VOLUME	407620.572	3746642.614	0.0
LOCATION	L0000064	VOLUME	407673.572	3746642.471	0.0
LOCATION	L0000065	VOLUME	407726.572	3746642.328	0.0
LOCATION	L0000066	VOLUME	407779.572	3746642.186	0.0
LOCATION	L0000067	VOLUME	407832.571	3746642.043	0.0
LOCATION	L0000068	VOLUME	407885.571	3746642.192	0.0
LOCATION	L0000069	VOLUME	407938.571	3746642.369	0.0
LOCATION	L0000070	VOLUME	407991.571	3746642.545	0.0

LOCATION	L0000071	VOLUME	408044.570	3746642.721	0.0
LOCATION	L0000072	VOLUME	408097.570	3746642.897	0.0
LOCATION	L0000073	VOLUME	408150.570	3746643.073	0.0
LOCATION	L0000074	VOLUME	408203.569	3746643.249	0.0
LOCATION	L0000075	VOLUME	408256.569	3746643.425	0.0
LOCATION	L0000076	VOLUME	408309.569	3746643.602	0.0
LOCATION	L0000077	VOLUME	408362.568	3746643.778	0.0
LOCATION	L0000078	VOLUME	408415.568	3746643.954	0.0
LOCATION	L0000079	VOLUME	408468.568	3746644.130	0.0
LOCATION	L0000080	VOLUME	408521.568	3746644.306	0.0
LOCATION	L0000081	VOLUME	408574.567	3746644.482	0.0
LOCATION	L0000082	VOLUME	408627.567	3746644.659	0.0
LOCATION	L0000083	VOLUME	408680.567	3746644.835	0.0

** End of LINE VOLUME Source ID = SLINE1

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM	L0000001	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000002	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000003	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000004	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000005	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000006	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000007	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000008	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000009	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000010	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000011	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000012	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000013	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000014	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000015	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000016	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000017	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000018	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000019	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000020	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000021	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000022	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000023	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000024	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000025	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000026	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000027	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000028	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000029	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000030	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000031	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000032	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000033	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000034	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000035	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000036	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000037	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000038	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000039	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000040	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000041	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000042	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000043	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000044	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000045	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000046	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000047	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000048	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000049	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000050	0.0001281928	3.49	24.65	3.25

SRCPARAM	L0000051	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000052	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000053	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000054	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000055	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000056	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000057	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000058	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000059	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000060	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000061	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000062	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000063	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000064	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000065	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000066	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000067	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000068	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000069	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000070	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000071	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000072	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000073	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000074	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000075	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000076	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000077	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000078	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000079	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000080	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000081	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000082	0.0001281928	3.49	24.65	3.25
SRCPARAM	L0000083	0.0001281928	3.49	24.65	3.25

```
URBANSRC  ALL
SRCGROUP  ALL
```

* *
 * * * * *

* *

* *

GRIDCART UCART1 STA

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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

***** WARNING MESSAGES *****
ME W186 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 15:08:47

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 83 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* CCVR_Sub - Meteorological data includes CCVR substitutions
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Assumes No FLAGPOLE Receptor Heights.
* The User Specified a Pollutant Type of: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes: 83 Source(s); 1 Source Group(s); and 1900 Receptor(s)
with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 83 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) = 29.00 ; Decay Coef. =
 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate
 Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14635 Ops CA-91

DPM.err

**File for Summary of Results: 14635 Ops CA-91

DPM.sum

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 07/06/23

*** AERMET - VERSION 16216 ***

*** 15:08:47

PAGE 2

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0000001	0	0.12819E-03	404395.6	3746960.4	0.0	3.49	24.65	3.25	
YES									
L0000002	0	0.12819E-03	404442.9	3746936.5	0.0	3.49	24.65	3.25	
YES									
L0000003	0	0.12819E-03	404490.2	3746912.6	0.0	3.49	24.65	3.25	
YES									
L0000004	0	0.12819E-03	404537.5	3746888.7	0.0	3.49	24.65	3.25	
YES									
L0000005	0	0.12819E-03	404584.9	3746864.9	0.0	3.49	24.65	3.25	
YES									
L0000006	0	0.12819E-03	404632.2	3746841.0	0.0	3.49	24.65	3.25	
YES									
L0000007	0	0.12819E-03	404679.5	3746817.1	0.0	3.49	24.65	3.25	
YES									
L0000008	0	0.12819E-03	404727.3	3746794.3	0.0	3.49	24.65	3.25	
YES									
L0000009	0	0.12819E-03	404775.8	3746773.0	0.0	3.49	24.65	3.25	
YES									
L0000010	0	0.12819E-03	404824.4	3746751.8	0.0	3.49	24.65	3.25	
YES									
L0000011	0	0.12819E-03	404873.9	3746732.9	0.0	3.49	24.65	3.25	
YES									
L0000012	0	0.12819E-03	404924.2	3746716.4	0.0	3.49	24.65	3.25	

YES								
L0000013	0	0.12819E-03	404975.4	3746702.9	0.0	3.49	24.65	3.25
YES								
L0000014	0	0.12819E-03	405027.0	3746690.6	0.0	3.49	24.65	3.25
YES								
L0000015	0	0.12819E-03	405078.5	3746678.3	0.0	3.49	24.65	3.25
YES								
L0000016	0	0.12819E-03	405130.7	3746668.8	0.0	3.49	24.65	3.25
YES								
L0000017	0	0.12819E-03	405183.0	3746660.7	0.0	3.49	24.65	3.25
YES								
L0000018	0	0.12819E-03	405235.7	3746655.5	0.0	3.49	24.65	3.25
YES								
L0000019	0	0.12819E-03	405288.6	3746652.7	0.0	3.49	24.65	3.25
YES								
L0000020	0	0.12819E-03	405341.6	3746650.7	0.0	3.49	24.65	3.25
YES								
L0000021	0	0.12819E-03	405394.6	3746650.4	0.0	3.49	24.65	3.25
YES								
L0000022	0	0.12819E-03	405447.6	3746650.1	0.0	3.49	24.65	3.25
YES								
L0000023	0	0.12819E-03	405500.6	3746649.8	0.0	3.49	24.65	3.25
YES								
L0000024	0	0.12819E-03	405553.6	3746649.5	0.0	3.49	24.65	3.25
YES								
L0000025	0	0.12819E-03	405606.6	3746649.2	0.0	3.49	24.65	3.25
YES								
L0000026	0	0.12819E-03	405659.6	3746648.9	0.0	3.49	24.65	3.25
YES								
L0000027	0	0.12819E-03	405712.6	3746648.7	0.0	3.49	24.65	3.25
YES								
L0000028	0	0.12819E-03	405765.6	3746648.4	0.0	3.49	24.65	3.25
YES								
L0000029	0	0.12819E-03	405818.6	3746648.1	0.0	3.49	24.65	3.25
YES								
L0000030	0	0.12819E-03	405871.6	3746647.8	0.0	3.49	24.65	3.25
YES								
L0000031	0	0.12819E-03	405924.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000032	0	0.12819E-03	405977.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000033	0	0.12819E-03	406030.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000034	0	0.12819E-03	406083.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000035	0	0.12819E-03	406136.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000036	0	0.12819E-03	406189.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000037	0	0.12819E-03	406242.6	3746647.6	0.0	3.49	24.65	3.25
YES								
L0000038	0	0.12819E-03	406295.6	3746647.5	0.0	3.49	24.65	3.25
YES								
L0000039	0	0.12819E-03	406348.6	3746647.3	0.0	3.49	24.65	3.25
YES								
L0000040	0	0.12819E-03	406401.6	3746647.0	0.0	3.49	24.65	3.25
YES								

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

L0000041	0	0.12819E-03	406454.6	3746646.8	0.0	3.49	24.65	3.25
YES								
L0000042	0	0.12819E-03	406507.6	3746646.5	0.0	3.49	24.65	3.25
YES								
L0000043	0	0.12819E-03	406560.6	3746646.3	0.0	3.49	24.65	3.25
YES								
L0000044	0	0.12819E-03	406613.6	3746646.0	0.0	3.49	24.65	3.25
YES								
L0000045	0	0.12819E-03	406666.6	3746645.8	0.0	3.49	24.65	3.25
YES								
L0000046	0	0.12819E-03	406719.6	3746645.5	0.0	3.49	24.65	3.25
YES								
L0000047	0	0.12819E-03	406772.6	3746645.2	0.0	3.49	24.65	3.25
YES								
L0000048	0	0.12819E-03	406825.6	3746645.0	0.0	3.49	24.65	3.25
YES								
L0000049	0	0.12819E-03	406878.6	3746644.7	0.0	3.49	24.65	3.25
YES								
L0000050	0	0.12819E-03	406931.6	3746644.5	0.0	3.49	24.65	3.25
YES								
L0000051	0	0.12819E-03	406984.6	3746644.3	0.0	3.49	24.65	3.25
YES								
L0000052	0	0.12819E-03	407037.6	3746644.2	0.0	3.49	24.65	3.25
YES								
L0000053	0	0.12819E-03	407090.6	3746644.0	0.0	3.49	24.65	3.25
YES								
L0000054	0	0.12819E-03	407143.6	3746643.9	0.0	3.49	24.65	3.25
YES								
L0000055	0	0.12819E-03	407196.6	3746643.8	0.0	3.49	24.65	3.25
YES								
L0000056	0	0.12819E-03	407249.6	3746643.6	0.0	3.49	24.65	3.25
YES								
L0000057	0	0.12819E-03	407302.6	3746643.5	0.0	3.49	24.65	3.25
YES								
L0000058	0	0.12819E-03	407355.6	3746643.3	0.0	3.49	24.65	3.25
YES								
L0000059	0	0.12819E-03	407408.6	3746643.2	0.0	3.49	24.65	3.25
YES								
L0000060	0	0.12819E-03	407461.6	3746643.0	0.0	3.49	24.65	3.25
YES								
L0000061	0	0.12819E-03	407514.6	3746642.9	0.0	3.49	24.65	3.25
YES								
L0000062	0	0.12819E-03	407567.6	3746642.8	0.0	3.49	24.65	3.25
YES								
L0000063	0	0.12819E-03	407620.6	3746642.6	0.0	3.49	24.65	3.25
YES								
L0000064	0	0.12819E-03	407673.6	3746642.5	0.0	3.49	24.65	3.25
YES								
L0000065	0	0.12819E-03	407726.6	3746642.3	0.0	3.49	24.65	3.25
YES								
L0000066	0	0.12819E-03	407779.6	3746642.2	0.0	3.49	24.65	3.25
YES								
L0000067	0	0.12819E-03	407832.6	3746642.0	0.0	3.49	24.65	3.25
YES								
L0000068	0	0.12819E-03	407885.6	3746642.2	0.0	3.49	24.65	3.25

YES
L0000069 0 0.12819E-03 407938.6 3746642.4 0.0 3.49 24.65 3.25
YES
L0000070 0 0.12819E-03 407991.6 3746642.5 0.0 3.49 24.65 3.25
YES
L0000071 0 0.12819E-03 408044.6 3746642.7 0.0 3.49 24.65 3.25
YES
L0000072 0 0.12819E-03 408097.6 3746642.9 0.0 3.49 24.65 3.25
YES
L0000073 0 0.12819E-03 408150.6 3746643.1 0.0 3.49 24.65 3.25
YES
L0000074 0 0.12819E-03 408203.6 3746643.2 0.0 3.49 24.65 3.25
YES
L0000075 0 0.12819E-03 408256.6 3746643.4 0.0 3.49 24.65 3.25
YES
L0000076 0 0.12819E-03 408309.6 3746643.6 0.0 3.49 24.65 3.25
YES
L0000077 0 0.12819E-03 408362.6 3746643.8 0.0 3.49 24.65 3.25
YES
L0000078 0 0.12819E-03 408415.6 3746644.0 0.0 3.49 24.65 3.25
YES
L0000079 0 0.12819E-03 408468.6 3746644.1 0.0 3.49 24.65 3.25
YES
L0000080 0 0.12819E-03 408521.6 3746644.3 0.0 3.49 24.65 3.25
YES
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** VOLUME SOURCE DATA ***
SOURCE NUMBER EMISSION RATE BASE RELEASE INIT. INIT.
SOURCE PART. EMISSION RATE URBAN RELEASE INIT. INIT.
ID SCALAR VARY (GRAMS/SEC) X Y ELEV. HEIGHT SY SZ
(METERS) CATS. (METERS) (METERS) (METERS) (METERS) (METERS)
BY

L0000081 0 0.12819E-03 408574.6 3746644.5 0.0 3.49 24.65 3.25
YES
L0000082 0 0.12819E-03 408627.6 3746644.7 0.0 3.49 24.65 3.25
YES
L0000083 0 0.12819E-03 408680.6 3746644.8 0.0 3.49 24.65 3.25
YES
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** SOURCE IDs DEFINING SOURCE GROUPS ***
SRCGROUP ID SOURCE IDs

L0000055 , L0000056 ,
L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 ,
L0000063 , L0000064 ,
L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,
L0000071 , L0000072 ,
L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,
L0000079 , L0000080 ,
L0000081 , L0000082 , L0000083 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

404203.6,	404253.6,	404303.6,	404353.6,	404403.6,	404453.6,	404503.6,	404553.6,
404603.6,	404653.6,						
404703.6,	404753.6,	404803.6,	404853.6,	404903.6,	404953.6,	405003.6,	405053.6,
405103.6,	405153.6,						
405203.6,	405253.6,	405303.6,	405353.6,	405403.6,	405453.6,	405503.6,	405553.6,
405603.6,	405653.6,						
405703.6,	405753.6,	405803.6,	405853.6,	405903.6,	405953.6,	406003.6,	406053.6,
406103.6,	406153.6,						
406203.6,	406253.6,	406303.6,	406353.6,	406403.6,	406453.6,	406503.6,	406553.6,
406603.6,	406653.6,						
406703.6,	406753.6,	406803.6,	406853.6,	406903.6,	406953.6,	407003.6,	407053.6,
407103.6,	407153.6,						
407203.6,	407253.6,	407303.6,	407353.6,	407403.6,	407453.6,	407503.6,	407553.6,
407603.6,	407653.6,						
407703.6,	407753.6,	407803.6,	407853.6,	407903.6,	407953.6,	408003.6,	408053.6,
408103.6,	408153.6,						
408203.6,	408253.6,	408303.6,	408353.6,	408403.6,	408453.6,	408503.6,	408553.6,
408603.6,	408653.6,						
408703.6,	408753.6,	408803.6,	408853.6,	408903.6,			

*** Y-COORDINATES OF GRID ***
(METERS)

3746259.5,	3746309.5,	3746359.5,	3746409.5,	3746459.5,	3746509.5,	3746559.5,	3746609.5,
3746659.5,	3746709.5,						
3746759.5,	3746809.5,	3746859.5,	3746909.5,	3746959.5,	3747009.5,	3747059.5,	3747109.5,
3747159.5,	3747209.5,						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)				
(METERS)	404203.57	404253.57	404303.57	404353.57	404403.57
404503.57	404553.57	404603.57			

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
```

Y-COORD	X-COORD (METERS)					
(METERS)	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				

3747209.46		0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD					X-COORD (METERS)	
(METERS)						
405403.57		405103.57	405153.57	405203.57	405253.57	405303.57
		405453.57	405503.57			405353.57

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00			
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD	(METERS)	406003.57	406053.57	406103.57	406153.57	406203.57	406253.57
406303.57		406353.57	406403.57				
3747209.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747159.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747109.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747059.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3747009.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746959.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746909.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746859.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746809.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746759.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746709.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746659.46		0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00				
3746609.46		0.00	0.00	0.00	0.00	0.00	0.00


```
0.00      0.00      0.00      0.00
3746359.46 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746309.46 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
3746259.46 |      0.00      0.00      0.00      0.00      0.00
0.00      0.00      0.00      0.00
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
***                                     *** 15:08:47
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
407203.57	406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
407653.57	407703.57	407753.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408103.57	407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
	408153.57	408203.57				

3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAS\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 15:08:47

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408553.57	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
	408603.57	408653.57				

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PF *** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***      15:08:47

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*** MODELOPTs:      RegDFault  CONC  ELEV  URBAN  ADJ  U*
```

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***      15:08:47

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

* HILL HEIGHT SCALES IN METERS *

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

```
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 15:08:47
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
404953.57	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				

```
3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 15:08:47
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	405103.57	405153.57	405203.57	405253.57	405303.57	405353.57
405403.57	405453.57	405503.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 ***

*** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

GP\14635 Cons *** 07/06/23

*** AERMET - VERSION 16216 ***

15:08:47

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *


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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      07/06/23
*** AERMET - VERSION 16216 ***
***
***
***      15:08:47

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

* HILL HEIGHT SCALES IN METERS *

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00			

3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 15:08:47

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
407203.57		407253.57	407303.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 07/06/23
 *** AERMET - VERSION 16216 ***

*** 15:08:47

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
407653.57		407703.57	407753.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00		0.00	0.00	0.00		

3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 15:08:47

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD		X-COORD (METERS)					
(METERS)		407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
408103.57		408153.57	408203.57				

3747209.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46		0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00

3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 15:08:47

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)					X-COORD (METERS)	
408553.57	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)				X-COORD (METERS)	
	408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 15:08:47

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
* LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000001	404403.6 3746909.5	-1.45
L0000001	404353.6 3746959.5	-10.96
L0000001	404403.6 3746959.5	-44.97
L0000001	404403.6 3747009.5	-3.28
L0000002	404403.6 3746909.5	-5.25
L0000002	404453.6 3746909.5	-23.92
L0000002	404403.6 3746959.5	-7.45
L0000002	404453.6 3746959.5	-27.69
L0000003	404453.6 3746909.5	-16.20
L0000003	404503.6 3746909.5	-39.28
L0000003	404503.6 3746959.5	-4.30
L0000004	404503.6 3746859.5	-8.14
L0000004	404553.6 3746859.5	-19.61
L0000004	404503.6 3746909.5	-13.21

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*** AERMOD - VERSION 22112 ***      C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:08:47
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

SOURCE	-- RECEPTOR LOCATION --		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L00000011	404853.6	3746759.5	-19.57
L00000011	404903.6	3746759.5	-13.16
L00000012	404903.6	3746709.5	-31.19
L00000012	404953.6	3746709.5	-22.86
L00000012	404903.6	3746759.5	-5.25
L00000012	404953.6	3746759.5	-0.91
L00000013	404953.6	3746659.5	-4.40
L00000013	405003.6	3746659.5	-1.28
L00000013	404953.6	3746709.5	-30.15
L00000013	405003.6	3746709.5	-24.10
L00000014	405003.6	3746659.5	-14.07
L00000014	405053.6	3746659.5	-12.09
L00000014	405003.6	3746709.5	-22.90
L00000014	405053.6	3746709.5	-20.38
L00000015	405053.6	3746659.5	-21.74
L00000015	405103.6	3746659.5	-21.70
L00000015	405053.6	3746709.5	-13.03
L00000015	405103.6	3746709.5	-13.00
L00000016	405103.6	3746659.5	-24.33
L00000016	405153.6	3746659.5	-28.25
L00000016	405103.6	3746709.5	-4.16
L00000016	405153.6	3746709.5	-6.36
L00000017	405153.6	3746659.5	-23.50

L0000017	405203.6	3746659.5	-32.43
L0000017	405203.6	3746709.5	-0.11
L0000018	405253.6	3746609.5	-3.59
L0000018	405203.6	3746659.5	-20.61
L0000018	405253.6	3746659.5	-34.72
L0000019	405303.6	3746609.5	-7.23
L0000019	405253.6	3746659.5	-17.28
L0000019	405303.6	3746659.5	-36.62
L0000020	405353.6	3746609.5	-10.08
L0000020	405303.6	3746659.5	-13.98
L0000020	405353.6	3746659.5	-38.14
L0000021	405403.6	3746609.5	-11.09
L0000021	405353.6	3746659.5	-10.99
L0000021	405403.6	3746659.5	-40.23
L0000022	405453.6	3746609.5	-11.92
L0000022	405403.6	3746659.5	-7.99
L0000022	405453.6	3746659.5	-41.89


 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
- - - - -	- - - - -	- - - - -
L0000023	405503.6 3746609.5	-12.54
L0000023	405453.6 3746659.5	-5.00
L0000023	405503.6 3746659.5	-42.90
L0000023	405553.6 3746659.5	0.86
L0000024	405553.6 3746609.5	-12.93
L0000024	405503.6 3746659.5	-2.00
L0000024	405553.6 3746659.5	-43.06
L0000024	405603.6 3746659.5	-2.04
L0000025	405603.6 3746609.5	-13.11
L0000025	405603.6 3746659.5	-42.34
L0000025	405653.6 3746659.5	-4.91
L0000026	405653.6 3746609.5	-13.05
L0000026	405653.6 3746659.5	-40.88
L0000026	405703.6 3746659.5	-7.77
L0000027	405703.6 3746609.5	-12.78
L0000027	405703.6 3746659.5	-38.93
L0000027	405753.6 3746659.5	-10.61
L0000028	405753.6 3746609.5	-12.27
L0000028	405753.6 3746659.5	-36.65
L0000028	405803.6 3746659.5	-13.43
L0000029	405803.6 3746609.5	-11.56
L0000029	405853.6 3746609.5	-0.89
L0000029	405803.6 3746659.5	-34.16
L0000029	405853.6 3746659.5	-16.21
L0000030	405853.6 3746609.5	-10.64
L0000030	405903.6 3746609.5	-3.07
L0000030	405853.6 3746659.5	-31.54
L0000030	405903.6 3746659.5	-18.95
L0000031	405903.6 3746609.5	-9.44
L0000031	405953.6 3746609.5	-5.08
L0000031	405903.6 3746659.5	-28.88
L0000031	405953.6 3746659.5	-21.68

L0000032	405953.6	3746609.5	-7.92
L0000032	406003.6	3746609.5	-6.84
L0000032	405953.6	3746659.5	-26.22
L0000032	406003.6	3746659.5	-24.44
L0000033	406003.6	3746609.5	-6.25
L0000033	406053.6	3746609.5	-8.46
L0000033	406003.6	3746659.5	-23.50
L0000033	406053.6	3746659.5	-27.14

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** *** 15:08:47

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
 *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000034	406053.6 3746609.5	-4.46
L0000034	406103.6 3746609.5	-9.93
L0000034	406053.6 3746659.5	-20.73
L0000034	406103.6 3746659.5	-29.76
L0000035	406103.6 3746609.5	-2.55
L0000035	406153.6 3746609.5	-11.23
L0000035	406103.6 3746659.5	-17.92
L0000035	406153.6 3746659.5	-32.29
L0000036	406153.6 3746609.5	-0.53
L0000036	406203.6 3746609.5	-12.36
L0000036	406153.6 3746659.5	-15.09
L0000036	406203.6 3746659.5	-34.67
L0000037	406253.6 3746609.5	-13.29
L0000037	406203.6 3746659.5	-12.23
L0000037	406253.6 3746659.5	-36.84
L0000038	406303.6 3746609.5	-14.08
L0000038	406253.6 3746659.5	-9.33
L0000038	406303.6 3746659.5	-38.66
L0000039	406353.6 3746609.5	-14.84
L0000039	406303.6 3746659.5	-6.37
L0000039	406353.6 3746659.5	-39.85
L0000040	406403.6 3746609.5	-15.37
L0000040	406353.6 3746659.5	-3.41
L0000040	406403.6 3746659.5	-40.42
L0000040	406453.6 3746659.5	0.46
L0000041	406453.6 3746609.5	-15.66
L0000041	406403.6 3746659.5	-0.44
L0000041	406453.6 3746659.5	-40.28
L0000041	406503.6 3746659.5	-2.39
L0000042	406503.6 3746609.5	-15.72
L0000042	406503.6 3746659.5	-39.45
L0000042	406553.6 3746659.5	-5.22
L0000043	406553.6 3746609.5	-15.53
L0000043	406553.6 3746659.5	-38.06
L0000043	406603.6 3746659.5	-8.03
L0000044	406603.6 3746609.5	-15.10
L0000044	406603.6 3746659.5	-36.23
L0000044	406653.6 3746659.5	-10.80
L0000045	406653.6 3746609.5	-14.44
L0000045	406703.6 3746609.5	-1.17

 *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
-----	-----	-----
L0000045	406653.6 3746659.5	-34.10
L0000045	406703.6 3746659.5	-13.55
L0000046	406703.6 3746609.5	-13.56
L0000046	406753.6 3746609.5	-3.46
L0000046	406703.6 3746659.5	-31.76
L0000046	406753.6 3746659.5	-16.25
L0000047	406753.6 3746609.5	-12.48
L0000047	406803.6 3746609.5	-5.66
L0000047	406753.6 3746659.5	-29.26
L0000047	406803.6 3746659.5	-18.90
L0000048	406803.6 3746609.5	-11.21
L0000048	406853.6 3746609.5	-7.77
L0000048	406803.6 3746659.5	-26.66
L0000048	406853.6 3746659.5	-21.48
L0000049	406853.6 3746609.5	-9.76
L0000049	406903.6 3746609.5	-9.77
L0000049	406853.6 3746659.5	-23.98
L0000049	406903.6 3746659.5	-23.99
L0000050	406903.6 3746609.5	-8.16
L0000050	406953.6 3746609.5	-11.65
L0000050	406903.6 3746659.5	-21.24
L0000050	406953.6 3746659.5	-26.38
L0000051	406953.6 3746609.5	-6.34
L0000051	407003.6 3746609.5	-13.29
L0000051	406953.6 3746659.5	-18.50
L0000051	407003.6 3746659.5	-28.71
L0000052	407003.6 3746609.5	-4.40
L0000052	407053.6 3746609.5	-14.77
L0000052	407003.6 3746659.5	-15.72
L0000052	407053.6 3746659.5	-30.88
L0000053	407053.6 3746609.5	-2.35
L0000053	407103.6 3746609.5	-16.06
L0000053	407053.6 3746659.5	-12.91
L0000053	407103.6 3746659.5	-32.83
L0000054	407103.6 3746609.5	-0.21
L0000054	407153.6 3746609.5	-17.14
L0000054	407103.6 3746659.5	-10.07
L0000054	407153.6 3746659.5	-34.50
L0000055	407203.6 3746609.5	-18.00
L0000055	407153.6 3746659.5	-7.22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*

LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000055	407203.6 3746659.5	-35.80
L0000056	407253.6 3746609.5	-18.61
L0000056	407203.6 3746659.5	-4.34
L0000056	407253.6 3746659.5	-36.65
L0000057	407303.6 3746609.5	-18.97
L0000057	407253.6 3746659.5	-1.45
L0000057	407303.6 3746659.5	-36.98
L0000057	407353.6 3746659.5	0.45
L0000058	407353.6 3746609.5	-19.07
L0000058	407353.6 3746659.5	-36.74
L0000058	407403.6 3746659.5	-2.36
L0000059	407403.6 3746609.5	-18.90
L0000059	407403.6 3746659.5	-35.97
L0000059	407453.6 3746659.5	-5.15
L0000060	407453.6 3746609.5	-18.48
L0000060	407503.6 3746609.5	0.78
L0000060	407453.6 3746659.5	-34.73
L0000060	407503.6 3746659.5	-7.91
L0000061	407503.6 3746609.5	-17.79
L0000061	407553.6 3746609.5	-1.63
L0000061	407503.6 3746659.5	-33.11
L0000061	407553.6 3746659.5	-10.63
L0000062	407553.6 3746609.5	-16.88
L0000062	407603.6 3746609.5	-3.96
L0000062	407553.6 3746659.5	-31.20
L0000062	407603.6 3746659.5	-13.31
L0000063	407603.6 3746609.5	-15.74
L0000063	407653.6 3746609.5	-6.22
L0000063	407603.6 3746659.5	-29.06
L0000063	407653.6 3746659.5	-15.95
L0000064	407653.6 3746609.5	-14.40
L0000064	407703.6 3746609.5	-8.39
L0000064	407653.6 3746659.5	-26.75
L0000064	407703.6 3746659.5	-18.52
L0000065	407703.6 3746609.5	-12.88
L0000065	407753.6 3746609.5	-10.46
L0000065	407703.6 3746659.5	-24.32
L0000065	407753.6 3746659.5	-21.02
L0000066	407753.6 3746609.5	-11.20
L0000066	407803.6 3746609.5	-12.42

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
* LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000066	407753.6 3746659.5	-21.78
L0000066	407803.6 3746659.5	-23.43

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*** AERMOT - VERSION 22112 ***
GP\14635 Cons 07/06/23
*** AERMET - VERSION 16216 ***
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*** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
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*** 15:08:47

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

```
* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
  LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL
```

SOURCE	-- RECEPTOR LOCATION --		DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0000077	408353.6	3746659.5	-34.92
L0000077	408403.6	3746659.5	-9.10
L0000078	408403.6	3746609.5	-16.48
L0000078	408453.6	3746609.5	-1.68
L0000078	408403.6	3746659.5	-33.39
L0000078	408453.6	3746659.5	-11.95
L0000079	408453.6	3746609.5	-15.22
L0000079	408503.6	3746609.5	-3.73
L0000079	408453.6	3746659.5	-31.55
L0000079	408503.6	3746659.5	-14.79
L0000080	408503.6	3746609.5	-13.78

```

*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons      ***      07/06/23
*** AERMET - VERSION 16216 ***
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***      15:08:47

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[illegible]

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*** AERMOD - VERSION 22112 ***      C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park  
GP\14635 Cons      07/06/23  
*** AERMET - VERSION 16216 ***  
***                                     *** 15:08:47
```

Surface file:
KFUL_V9_ADJU\KFUL_v9.SFC
Version: 16216
Profile file:

Met

FREE

FREE

Surface station no.: 3166

Name: UNKNOWN

UNKNOWN

Year: 2012

Upper air station no.: 3190

Name :

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	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96		
322.		10.1		283.8	2.0												
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52		
13.		10.1		283.1	2.0												
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75		
73.		10.1		282.0	2.0												
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91		
98.		10.1		281.4	2.0												
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00		
0.		10.1		280.9	2.0												
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55		
80.		10.1		280.4	2.0												
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69		
201.		10.1		280.4	2.0												
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52		
72.		10.1		280.9	2.0												
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00		
0.		10.1		285.9	2.0												
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79		
268.		10.1		289.9	2.0												
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70		
273.		10.1		294.2	2.0												
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74		
230.		10.1		297.5	2.0												
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20		
227.		10.1		300.4	2.0												
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47		
233.		10.1		300.9	2.0												
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20		
233.		10.1		302.0	2.0												
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91		
229.		10.1		298.1	2.0												
12	01	01	1	17	-9.1												

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	322.	0.96	283.8	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

INCLUDING SOURCE(S): 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD	(METERS)	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57		404553.57	404603.57				

3747209.46	0.00869	0.00966	0.01075	0.01190	0.01303
0.01399	0.01466	0.01504	0.01518		
3747159.46	0.00958	0.01090	0.01247	0.01422	0.01592
0.01724	0.01798	0.01821	0.01810		
3747109.46	0.01062	0.01248	0.01491	0.01788	0.02080
0.02264	0.02318	0.02290	0.02223		
3747059.46	0.01177	0.01444	0.01851	0.02463	0.03094
0.03309	0.03218	0.03033	0.02839		
3747009.46	0.01286	0.01654	0.02355	0.04080	0.03178
0.05867	0.05004	0.04335	0.03832		
3746959.46	0.01359	0.01795	0.02745	0.02686	0.02497
0.06940	0.06239	0.07083	0.05665		
3746909.46	0.01371	0.01788	0.02595	0.04518	0.02924
0.04207	0.05086	0.08151	0.06792		
3746859.46	0.01328	0.01671	0.02221	0.03126	0.04523
0.06614	0.06782	0.05037	0.05467		
3746809.46	0.01256	0.01523	0.01899	0.02425	0.03130
0.04052	0.05305	0.07223	0.07037		
3746759.46	0.01174	0.01382	0.01651	0.01997	0.02428
0.02955	0.03607	0.04448	0.05622		
3746709.46	0.01093	0.01258	0.01459	0.01705	0.01997
0.02341	0.02745	0.03228	0.03826		
3746659.46	0.01018	0.01150	0.01307	0.01490	0.01702
0.01944	0.02220	0.02535	0.02902		
3746609.46	0.00950	0.01057	0.01182	0.01324	0.01484
0.01664	0.01864	0.02087	0.02335		
3746559.46	0.00888	0.00977	0.01078	0.01191	0.01317
0.01455	0.01607	0.01771	0.01951		
3746509.46	0.00831	0.00907	0.00990	0.01082	0.01183
0.01293	0.01411	0.01537	0.01673		

3746459.46 | 0.00781 0.00845 0.00915 0.00991 0.01074
0.01162 0.01257 0.01357 0.01462
3746409.46 | 0.00735 0.00790 0.00849 0.00913 0.00982
0.01055 0.01132 0.01213 0.01297
3746359.46 | 0.00693 0.00741 0.00792 0.00846 0.00904
0.00965 0.01029 0.01096 0.01165
3746309.46 | 0.00655 0.00697 0.00741 0.00788 0.00837
0.00889 0.00943 0.00998 0.01056
3746259.46 | 0.00621 0.00657 0.00696 0.00736 0.00779
0.00823 0.00869 0.00916 0.00965
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 15:08:47

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

INCLUDING SOURCE(S): 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 404653.57 404703.57 404753.57 404803.57 404853.57 404903.57
404953.57 405003.57 405053.57

3747209.46 | 0.01515 0.01501 0.01483 0.01462 0.01441
0.01421 0.01403 0.01386 0.01372
3747159.46 | 0.01781 0.01744 0.01704 0.01665 0.01629
0.01596 0.01567 0.01542 0.01521
3747109.46 | 0.02144 0.02065 0.01991 0.01924 0.01865
0.01813 0.01770 0.01733 0.01702
3747059.46 | 0.02662 0.02507 0.02374 0.02262 0.02168
0.02089 0.02023 0.01969 0.01924
3747009.46 | 0.03447 0.03148 0.02911 0.02722 0.02571
0.02449 0.02350 0.02270 0.02206
3746959.46 | 0.04768 0.04154 0.03712 0.03384 0.03134
0.02940 0.02789 0.02670 0.02575
3746909.46 | 0.07486 0.05981 0.05050 0.04425 0.03981
0.03656 0.03413 0.03228 0.03085
3746859.46 | 0.05594 0.07104 0.07827 0.06352 0.05429
0.04815 0.04386 0.04076 0.03842
3746809.46 | 0.05391 0.05647 0.05662 0.07646 0.08609
0.07089 0.06169 0.05556 0.05115
3746759.46 | 0.07459 0.07038 0.05594 0.05799 0.05817
0.05677 0.07674 0.08978 0.07812
3746709.46 | 0.04599 0.05654 0.07204 0.06706 0.05557
0.05821 0.05950 0.05966 0.05915
3746659.46 | 0.03336 0.03861 0.04515 0.05355 0.06459
0.07931 0.06924 0.05442 0.05683
3746609.46 | 0.02615 0.02932 0.03295 0.03714 0.04194
0.04740 0.05353 0.06053 0.06873

3746559.46		0.02146	0.02360	0.02592	0.02845	0.03117
0.03407		0.03713	0.04033	0.04366		
3746509.46		0.01817	0.01970	0.02133	0.02303	0.02480
0.02663		0.02848	0.03035	0.03219		
3746459.46		0.01573	0.01689	0.01808	0.01932	0.02057
0.02184		0.02310	0.02433	0.02552		
3746409.46		0.01385	0.01475	0.01567	0.01661	0.01755
0.01849		0.01940	0.02029	0.02114		
3746359.46		0.01236	0.01308	0.01381	0.01455	0.01528
0.01601		0.01671	0.01739	0.01803		
3746309.46		0.01114	0.01174	0.01233	0.01293	0.01352
0.01410		0.01466	0.01519	0.01570		
3746259.46		0.01014	0.01063	0.01113	0.01162	0.01210
0.01258		0.01304	0.01348	0.01389		

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
 GP\14635 Cons 07/06/23
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD		X-COORD (METERS)					
(METERS)		405103.57	405153.57	405203.57	405253.57	405303.57	405353.57
405403.57		405453.57	405503.57				

3747209.46		0.01360	0.01350	0.01342	0.01336	0.01331
0.01328		0.01326	0.01325	0.01324		
3747159.46		0.01503	0.01489	0.01477	0.01468	0.01461
0.01456		0.01453	0.01451	0.01450		
3747109.46		0.01676	0.01655	0.01638	0.01625	0.01616
0.01609		0.01604	0.01601	0.01599		
3747059.46		0.01888	0.01858	0.01835	0.01817	0.01804
0.01794		0.01787	0.01783	0.01781		
3747009.46		0.02154	0.02113	0.02081	0.02056	0.02038
0.02024		0.02016	0.02010	0.02007		
3746959.46		0.02501	0.02442	0.02397	0.02362	0.02337
0.02320		0.02308	0.02301	0.02297		
3746909.46		0.02973	0.02887	0.02821	0.02772	0.02737
0.02714		0.02699	0.02689	0.02684		
3746859.46		0.03663	0.03527	0.03426	0.03354	0.03304
0.03272		0.03252	0.03240	0.03233		
3746809.46		0.04787	0.04547	0.04376	0.04258	0.04181
0.04134		0.04107	0.04092	0.04083		
3746759.46		0.07016	0.06482	0.06124	0.05896	0.05758
0.05678		0.05638	0.05617	0.05604		
3746709.46		0.05819	0.08180	0.07662	0.09991	0.09622
0.09418		0.09348	0.09310	0.09279		

3746659.46 | 0.05873 0.06032 0.06162 0.06278 0.06388
0.06516 0.06666 0.06853 0.07075
3746609.46 | 0.07792 0.08766 0.09696 0.07543 0.07672
0.07678 0.07687 0.07679 0.07682
3746559.46 | 0.04701 0.05023 0.05308 0.05534 0.05699
0.05810 0.05876 0.05921 0.05955
3746509.46 | 0.03396 0.03560 0.03703 0.03820 0.03911
0.03977 0.04025 0.04060 0.04087
3746459.46 | 0.02665 0.02767 0.02858 0.02934 0.02995
0.03044 0.03082 0.03111 0.03135
3746409.46 | 0.02194 0.02266 0.02330 0.02385 0.02432
0.02470 0.02501 0.02527 0.02548
3746359.46 | 0.01863 0.01918 0.01967 0.02010 0.02047
0.02079 0.02106 0.02128 0.02147
3746309.46 | 0.01618 0.01661 0.01701 0.01736 0.01767
0.01794 0.01817 0.01837 0.01854
3746259.46 | 0.01428 0.01464 0.01497 0.01526 0.01553
0.01576 0.01596 0.01614 0.01630
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 15:08:47

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 405553.57 405603.57 405653.57 405703.57 405753.57 405803.57
405853.57 405903.57 405953.57

3747209.46 | 0.01325 0.01326 0.01327 0.01329 0.01330
0.01332 0.01333 0.01335 0.01336
3747159.46 | 0.01450 0.01451 0.01452 0.01453 0.01455
0.01456 0.01458 0.01459 0.01461
3747109.46 | 0.01599 0.01599 0.01600 0.01602 0.01603
0.01604 0.01606 0.01607 0.01609
3747059.46 | 0.01780 0.01780 0.01781 0.01782 0.01783
0.01785 0.01786 0.01788 0.01789
3747009.46 | 0.02006 0.02005 0.02006 0.02006 0.02008
0.02009 0.02010 0.02012 0.02013
3746959.46 | 0.02295 0.02294 0.02294 0.02295 0.02295
0.02297 0.02298 0.02299 0.02300
3746909.46 | 0.02681 0.02680 0.02680 0.02680 0.02680
0.02681 0.02682 0.02683 0.02684
3746859.46 | 0.03230 0.03228 0.03226 0.03226 0.03225
0.03225 0.03226 0.03226 0.03227
3746809.46 | 0.04078 0.04074 0.04071 0.04069 0.04066
0.04065 0.04063 0.04063 0.04063


```
3746759.46 | 0.05594 0.05586 0.05578 0.05571 0.05564
0.05557 0.05551 0.05547 0.05546
3746709.46 | 0.09251 0.09221 0.09191 0.09161 0.09131
0.09101 0.09073 0.09051 0.09043
3746659.46 | 0.07067 0.06850 0.06673 0.06529 0.06416
0.06330 0.06271 0.06235 0.06222
3746609.46 | 0.07703 0.07745 0.07809 0.07896 0.08007
0.08143 0.05627 0.05609 0.05603
3746559.46 | 0.05984 0.06011 0.06035 0.06059 0.06081
0.06101 0.06120 0.06135 0.06146
3746509.46 | 0.04109 0.04128 0.04145 0.04161 0.04175
0.04187 0.04199 0.04208 0.04216
3746459.46 | 0.03154 0.03171 0.03186 0.03198 0.03210
0.03220 0.03229 0.03237 0.03243
3746409.46 | 0.02566 0.02581 0.02595 0.02606 0.02617
0.02626 0.02634 0.02641 0.02647
3746359.46 | 0.02164 0.02178 0.02190 0.02201 0.02211
0.02219 0.02227 0.02234 0.02240
3746309.46 | 0.01869 0.01883 0.01894 0.01905 0.01914
0.01922 0.01929 0.01935 0.01941
3746259.46 | 0.01644 0.01656 0.01667 0.01677 0.01686
0.01693 0.01700 0.01707 0.01712
PR *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 15:08:47
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

```
Y-COORD | X-COORD (METERS)
(METERS) | 406003.57 406053.57 406103.57 406153.57 406203.57 406253.57
406303.57 406353.57 406403.57
-----
3747209.46 | 0.01338 0.01339 0.01340 0.01341 0.01342
0.01342 0.01342 0.01343 0.01342
3747159.46 | 0.01462 0.01463 0.01464 0.01465 0.01466
0.01466 0.01467 0.01467 0.01467
3747109.46 | 0.01610 0.01611 0.01612 0.01613 0.01614
0.01615 0.01615 0.01615 0.01615
3747059.46 | 0.01790 0.01791 0.01792 0.01793 0.01794
0.01794 0.01795 0.01795 0.01794
3747009.46 | 0.02014 0.02015 0.02016 0.02017 0.02018
0.02018 0.02018 0.02018 0.02018
3746959.46 | 0.02301 0.02303 0.02304 0.02305 0.02305
0.02306 0.02306 0.02305 0.02304
3746909.46 | 0.02685 0.02686 0.02687 0.02688 0.02689
0.02689 0.02689 0.02688 0.02687
```

3746859.46 | 0.03228 0.03229 0.03230 0.03231 0.03232
0.03232 0.03231 0.03230 0.03228
3746809.46 | 0.04064 0.04065 0.04066 0.04067 0.04068
0.04067 0.04066 0.04063 0.04060
3746759.46 | 0.05546 0.05548 0.05549 0.05550 0.05551
0.05550 0.05546 0.05540 0.05531
3746709.46 | 0.09043 0.09045 0.09048 0.09050 0.09052
0.09052 0.09042 0.09020 0.08994
3746659.46 | 0.06231 0.06262 0.06315 0.06391 0.06492
0.06619 0.06775 0.06962 0.07182
3746609.46 | 0.05608 0.05623 0.05650 0.05689 0.08160
0.08067 0.08005 0.07967 0.07956
3746559.46 | 0.06152 0.06156 0.06160 0.06164 0.06167
0.06172 0.06180 0.06192 0.06206
3746509.46 | 0.04221 0.04226 0.04230 0.04233 0.04237
0.04241 0.04245 0.04251 0.04257
3746459.46 | 0.03249 0.03254 0.03258 0.03261 0.03265
0.03268 0.03271 0.03275 0.03279
3746409.46 | 0.02652 0.02657 0.02661 0.02665 0.02668
0.02671 0.02674 0.02677 0.02680
3746359.46 | 0.02245 0.02249 0.02253 0.02257 0.02260
0.02263 0.02266 0.02268 0.02270
3746309.46 | 0.01946 0.01951 0.01955 0.01958 0.01961
0.01964 0.01966 0.01969 0.01971
3746259.46 | 0.01717 0.01721 0.01725 0.01729 0.01732
0.01734 0.01737 0.01739 0.01741
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 15:08:47

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 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 , . . . ,
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF DPM IN **
MICROGRAMS/M**3

Y-COORD | X-COORD (METERS)
(METERS) | 406453.57 406503.57 406553.57 406603.57 406653.57 406703.57
406753.57 406803.57 406853.57

3747209.46 | 0.01342 0.01342 0.01341 0.01340 0.01338
0.01337 0.01335 0.01333 0.01331
3747159.46 | 0.01466 0.01466 0.01465 0.01463 0.01462
0.01461 0.01459 0.01457 0.01454
3747109.46 | 0.01614 0.01613 0.01612 0.01611 0.01610
0.01608 0.01606 0.01604 0.01601
3747059.46 | 0.01794 0.01793 0.01792 0.01790 0.01788
0.01787 0.01784 0.01782 0.01779
3747009.46 | 0.02017 0.02016 0.02014 0.02013 0.02011
0.02009 0.02006 0.02004 0.02001

3746959.46		0.02303	0.02302	0.02300	0.02298	0.02296
0.02293		0.02291	0.02287	0.02284		
3746909.46		0.02686	0.02684	0.02681	0.02679	0.02676
0.02673		0.02669	0.02666	0.02662		
3746859.46		0.03225	0.03223	0.03219	0.03216	0.03212
0.03208		0.03204	0.03199	0.03194		
3746809.46		0.04055	0.04050	0.04045	0.04040	0.04034
0.04028		0.04022	0.04015	0.04009		
3746759.46		0.05522	0.05513	0.05503	0.05493	0.05482
0.05472		0.05461	0.05450	0.05439		
3746709.46		0.08968	0.08939	0.08911	0.08882	0.08852
0.08822		0.08792	0.08763	0.08734		
3746659.46		0.07004	0.06800	0.06632	0.06496	0.06390
0.06308		0.06252	0.06218	0.06206		
3746609.46		0.07972	0.08013	0.08082	0.08178	0.08303
0.05745		0.05713	0.05694	0.05688		
3746559.46		0.06220	0.06234	0.06248	0.06262	0.06276
0.06290		0.06303	0.06316	0.06328		
3746509.46		0.04263	0.04269	0.04275	0.04281	0.04287
0.04292		0.04297	0.04302	0.04306		
3746459.46		0.03282	0.03286	0.03289	0.03292	0.03295
0.03298		0.03300	0.03302	0.03303		
3746409.46		0.02682	0.02685	0.02687	0.02689	0.02690
0.02692		0.02693	0.02693	0.02694		
3746359.46		0.02272	0.02274	0.02276	0.02277	0.02278
0.02279		0.02279	0.02279	0.02279		
3746309.46		0.01972	0.01974	0.01975	0.01976	0.01977
0.01977		0.01977	0.01977	0.01976		
3746259.46		0.01742	0.01743	0.01744	0.01745	0.01745
0.01745		0.01745	0.01745	0.01744		

*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 15:08:47

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD					X-COORD (METERS)	
(METERS)		406903.57	406953.57	407003.57	407053.57	407103.57
407203.57		407253.57	407303.57			407153.57

3747209.46		0.01329	0.01326	0.01323	0.01320	0.01316
0.01312		0.01308	0.01303	0.01298		
3747159.46		0.01452	0.01449	0.01446	0.01442	0.01438
0.01434		0.01430	0.01425	0.01420		
3747109.46		0.01598	0.01595	0.01592	0.01588	0.01585
0.01580		0.01576	0.01571	0.01566		

```
3747059.46 | 0.01776 0.01773 0.01770 0.01766 0.01762
0.01757 0.01753 0.01748 0.01742
3747009.46 | 0.01998 0.01994 0.01990 0.01986 0.01982
0.01977 0.01972 0.01967 0.01961
3746959.46 | 0.02281 0.02277 0.02273 0.02269 0.02264
0.02259 0.02254 0.02248 0.02242
3746909.46 | 0.02658 0.02654 0.02649 0.02645 0.02640
0.02634 0.02629 0.02623 0.02616
3746859.46 | 0.03189 0.03184 0.03179 0.03174 0.03168
0.03162 0.03156 0.03149 0.03142
3746809.46 | 0.04002 0.03996 0.03989 0.03983 0.03976
0.03969 0.03961 0.03954 0.03945
3746759.46 | 0.05428 0.05417 0.05408 0.05399 0.05390
0.05380 0.05370 0.05360 0.05349
3746709.46 | 0.08706 0.08683 0.08664 0.08646 0.08628
0.08611 0.08593 0.08574 0.08555
3746659.46 | 0.06216 0.06247 0.06299 0.06374 0.06474
0.06598 0.06750 0.06932 0.09665
3746609.46 | 0.05693 0.05712 0.05744 0.05789 0.05847
0.08313 0.08236 0.08190 0.08171
3746559.46 | 0.06340 0.06349 0.06356 0.06362 0.06367
0.06372 0.06376 0.06380 0.06383
3746509.46 | 0.04309 0.04312 0.04313 0.04314 0.04314
0.04314 0.04313 0.04312 0.04310
3746459.46 | 0.03304 0.03305 0.03304 0.03304 0.03302
0.03300 0.03298 0.03295 0.03292
3746409.46 | 0.02693 0.02693 0.02692 0.02690 0.02688
0.02686 0.02683 0.02679 0.02675
3746359.46 | 0.02278 0.02277 0.02275 0.02273 0.02271
0.02268 0.02265 0.02261 0.02257
3746309.46 | 0.01975 0.01974 0.01972 0.01970 0.01967
0.01964 0.01961 0.01957 0.01952
3746259.46 | 0.01743 0.01741 0.01739 0.01737 0.01734
0.01731 0.01728 0.01724 0.01719
*** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** 15:08:47
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PAGE 47
*** 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407353.57 407403.57 407453.57 407503.57 407553.57 407603.57
407653.57 407703.57 407753.57
- - - - -
3747209.46 | 0.01293 0.01287 0.01281 0.01275 0.01267
0.01260 0.01252 0.01243 0.01233
```

3747159.46		0.01415	0.01409	0.01402	0.01396	0.01388
0.01380		0.01371	0.01362	0.01352		
3747109.46		0.01560	0.01554	0.01547	0.01540	0.01532
0.01524		0.01515	0.01505	0.01494		
3747059.46		0.01736	0.01730	0.01723	0.01715	0.01707
0.01698		0.01689	0.01679	0.01668		
3747009.46		0.01955	0.01948	0.01941	0.01933	0.01925
0.01916		0.01906	0.01895	0.01884		
3746959.46		0.02236	0.02228	0.02221	0.02213	0.02204
0.02194		0.02184	0.02173	0.02161		
3746909.46		0.02609	0.02601	0.02593	0.02585	0.02575
0.02565		0.02555	0.02543	0.02530		
3746859.46		0.03134	0.03126	0.03118	0.03108	0.03098
0.03087		0.03076	0.03063	0.03050		
3746809.46		0.03937	0.03927	0.03918	0.03907	0.03896
0.03884		0.03871	0.03857	0.03843		
3746759.46		0.05338	0.05326	0.05313	0.05300	0.05287
0.05272		0.05257	0.05240	0.05224		
3746709.46		0.08535	0.08514	0.08492	0.08469	0.08445
0.08420		0.08395	0.08369	0.08343		
3746659.46		0.06819	0.06630	0.06474	0.06346	0.06245
0.06167		0.06112	0.06077	0.06063		
3746609.46		0.08184	0.08227	0.08302	0.05845	0.05777
0.05722		0.05680	0.05651	0.05635		
3746559.46		0.06385	0.06387	0.06388	0.06388	0.06388
0.06387		0.06384	0.06381	0.06375		
3746509.46		0.04308	0.04305	0.04301	0.04297	0.04292
0.04285		0.04278	0.04270	0.04259		
3746459.46		0.03288	0.03283	0.03278	0.03272	0.03266
0.03258		0.03249	0.03239	0.03228		
3746409.46		0.02671	0.02665	0.02660	0.02653	0.02646
0.02638		0.02629	0.02618	0.02607		
3746359.46		0.02252	0.02247	0.02241	0.02234	0.02226
0.02218		0.02209	0.02199	0.02187		
3746309.46		0.01947	0.01942	0.01936	0.01929	0.01921
0.01913		0.01904	0.01894	0.01883		
3746259.46		0.01714	0.01709	0.01703	0.01696	0.01689
0.01681		0.01672	0.01662	0.01651		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD					X-COORD (METERS)	
(METERS)		407803.57	407853.57	407903.57	407953.57	408003.57
408103.57		408153.57	408203.57			408053.57

3747209.46 | 0.01223 0.01211 0.01199 0.01186 0.01172
0.01156 0.01140 0.01121 0.01101
3747159.46 | 0.01341 0.01329 0.01317 0.01303 0.01288
0.01271 0.01253 0.01233 0.01212
3747109.46 | 0.01483 0.01471 0.01457 0.01443 0.01427
0.01409 0.01390 0.01369 0.01345
3747059.46 | 0.01656 0.01643 0.01629 0.01613 0.01597
0.01578 0.01557 0.01535 0.01509
3747009.46 | 0.01871 0.01858 0.01843 0.01827 0.01809
0.01790 0.01768 0.01743 0.01716
3746959.46 | 0.02148 0.02134 0.02119 0.02102 0.02083
0.02063 0.02039 0.02013 0.01984
3746909.46 | 0.02517 0.02502 0.02486 0.02469 0.02450
0.02428 0.02404 0.02377 0.02345
3746859.46 | 0.03036 0.03021 0.03005 0.02987 0.02968
0.02946 0.02921 0.02892 0.02859
3746809.46 | 0.03828 0.03812 0.03796 0.03779 0.03760
0.03738 0.03713 0.03684 0.03650
3746759.46 | 0.05207 0.05191 0.05176 0.05161 0.05144
0.05125 0.05102 0.05074 0.05041
3746709.46 | 0.08318 0.08301 0.08295 0.08290 0.08285
0.08277 0.08265 0.08249 0.08227
3746659.46 | 0.06070 0.06095 0.06140 0.06208 0.06297
0.06410 0.06549 0.06715 0.09352
3746609.46 | 0.05629 0.05636 0.05656 0.05685 0.05725
0.08150 0.08033 0.07945 0.07881
3746559.46 | 0.06366 0.06351 0.06327 0.06298 0.06265
0.06229 0.06189 0.06144 0.06094
3746509.46 | 0.04247 0.04231 0.04211 0.04189 0.04163
0.04134 0.04101 0.04063 0.04020
3746459.46 | 0.03215 0.03199 0.03181 0.03161 0.03138
0.03111 0.03081 0.03048 0.03009
3746409.46 | 0.02593 0.02578 0.02561 0.02542 0.02521
0.02496 0.02469 0.02438 0.02402
3746359.46 | 0.02174 0.02160 0.02143 0.02125 0.02105
0.02082 0.02057 0.02028 0.01995
3746309.46 | 0.01870 0.01856 0.01841 0.01824 0.01805
0.01783 0.01760 0.01733 0.01703
3746259.46 | 0.01639 0.01626 0.01611 0.01595 0.01577
0.01557 0.01535 0.01511 0.01483

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

INCLUDING SOURCE(S): 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 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

**

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

**

Y-COORD (METERS)				X-COORD (METERS)	
	408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00793	0.00753	0.00712	0.00671	0.00631
3747159.46	0.00859	0.00811	0.00763	0.00715	0.00668
3747109.46	0.00938	0.00880	0.00822	0.00764	0.00709
3747059.46	0.01033	0.00962	0.00891	0.00821	0.00754
3747009.46	0.01152	0.01062	0.00972	0.00885	0.00805
3746959.46	0.01304	0.01187	0.01070	0.00960	0.00860
3746909.46	0.01506	0.01346	0.01189	0.01045	0.00921
3746859.46	0.01792	0.01559	0.01335	0.01142	0.00986
3746809.46	0.02231	0.01855	0.01516	0.01250	0.01054
3746759.46	0.03003	0.02291	0.01734	0.01364	0.01120
3746709.46	0.04794	0.02954	0.01967	0.01467	0.01175
3746659.46	0.03476	0.03633	0.02112	0.01523	0.01205
3746609.46	0.03125	0.03236	0.02032	0.01497	0.01194
3746559.46	0.03378	0.02425	0.01786	0.01397	0.01145
3746509.46	0.02311	0.01884	0.01531	0.01266	0.01072
3746459.46	0.01790	0.01544	0.01323	0.01140	0.00992
3746409.46	0.01475	0.01313	0.01162	0.01029	0.00916
3746359.46	0.01261	0.01146	0.01036	0.00936	0.00847
3746309.46	0.01105	0.01018	0.00935	0.00856	0.00785
3746259.46	0.00986	0.00918	0.00852	0.00789	0.00731

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*** 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	0.09991 AT (	405253.57,	3746709.46,	0.00,
0.00,	0.00) GC UCART1				
	2ND HIGHEST VALUE IS	0.09696 AT (	405203.57,	3746609.46,	0.00,
	0.00, 0.00) GC UCART1				
	3RD HIGHEST VALUE IS	0.09665 AT (	407303.57,	3746659.46,	0.00,
	0.00, 0.00) GC UCART1				
	4TH HIGHEST VALUE IS	0.09622 AT (	405303.57,	3746709.46,	0.00,
	0.00, 0.00) GC UCART1				
	5TH HIGHEST VALUE IS	0.09418 AT (	405353.57,	3746709.46,	0.00,
	0.00, 0.00) GC UCART1				
	6TH HIGHEST VALUE IS	0.09352 AT (	408203.57,	3746659.46,	0.00,
	0.00, 0.00) GC UCART1				
	7TH HIGHEST VALUE IS	0.09348 AT (	405403.57,	3746709.46,	0.00,
	0.00, 0.00) GC UCART1				
	8TH HIGHEST VALUE IS	0.09310 AT (	405453.57,	3746709.46,	0.00,

0.00, 0.00) GC UCART1
9TH HIGHEST VALUE IS 0.09279 AT (405503.57, 3746709.46, 0.00,
0.00, 0.00) GC UCART1
10TH HIGHEST VALUE IS 0.09251 AT (405553.57, 3746709.46, 0.00,
0.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

***** WARNING MESSAGES *****
ME W186 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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APPENDIX 4.1:

RISK CALCULATIONS

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 Acre PMI	0 to 2	0.01865	250	0.95	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.4E-05	1.99	5.0E+00	1.4E-03	3.7E-03						
	Total										1.99			3.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00		
2 Acre PMI	0 to 2	0.01781	260	1.04	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.4E-05	2.17	5.0E+00	1.4E-03	3.6E-03						
	Total										2.17			3.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00		
3 Acre PMI	0 to 2	0.01574	260	1.16	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.2E-05	2.12	5.0E+00	1.4E-03	3.1E-03						
	Total										2.12			3.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00		
4 Acre PMI	0 to 2	0.01202	260	1.16	1090	1	70	1.00	10	3.0E-04	1.1E+00	9.3E-06	1.62	5.0E+00	1.4E-03	2.4E-03						
	Total										1.62			2.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00		
5 Acre PMI	0 to 2	0.01044	260	1.24	1090	1	70	1.00	10	3.0E-04	1.1E+00	8.1E-06	1.51	5.0E+00	1.4E-03	2.1E-03						
	Total										1.51			2.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00		

Operational Risk																							
Scenario	Age Bin	Conc. (µg/m³)	Weight Fraction	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
I-5	-0.25 to 0	0.01155	1.00E+00	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	4.0E-06	0.13	5.0E+00	1.4E-03	2.3E-03						
	0 to 2	0.01155	1.00E+00	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.2E-05	3.08	5.0E+00	1.4E-03	2.3E-03						
	2 to 16	0.01155	1.00E+00	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	6.3E-06	2.87	5.0E+00	1.4E-03	2.3E-03						
	16 to 30	0.01155	1.00E+00	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.9E-06	0.44	5.0E+00	1.4E-03	2.3E-03						
											Total		6.52				9.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
CA-91	-0.25 to 0	0.01540	1.00E+00	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	5.3E-06	0.17	5.0E+00	1.4E-03	3.1E-03						
	0 to 2	0.01540	1.00E+00	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.6E-05	4.10	5.0E+00	1.4E-03	3.1E-03						
	2 to 16	0.01540	1.00E+00	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	8.4E-06	3.83	5.0E+00	1.4E-03	3.1E-03						
	16 to 30	0.01540	1.00E+00	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	3.9E-06	0.59	5.0E+00	1.4E-03	3.1E-03						
											Total		8.70				1.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

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