

Appendix E Health Risk Assessment

Appendices

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1. Construction Health Risk Assessment

1.1 INTRODUCTION

The Santa Monica-Malibu Unified School District (SMMUSD), the project applicant, is proposing the redevelopment and modernization of the existing Grant Elementary School campus (proposed project or project). The approximately 6.01-acre Project Site is bounded by bounded by Pearl Street to the north, 24th Court (alley) to the east, Pearl Place South (alley) to the west, and residential uses to the south in the City of Malibu, Los Angeles County, California. Grant ES is in an urban area surrounded by residential, commercial, and institutional uses. The project is a school redevelopment project that would result in demolition of existing school buildings and construction of new school. The proposed project would involve building and asphalt demolition, site preparation, grading, trenching, building construction, architectural coating, paving, and finishing and landscaping over three construction phases. The following provides the background methodology used for the construction health risk assessment for the proposed project.

Project construction is anticipated to take place in three phases, with Phase 1 from May 2023 through August 2024, Phase 2 from June 2025 through February 2027, and Phase 3 from June 2027 through August 2028 (approximately 1,067 total workdays over the 6-year span). The nearest sensitive receptors to the project site include the single- and multi-family residences surrounding the project site, as well as Grant Elementary School students that would be present on-site. Guidance from the California Environmental Protection Agency (Cal/EPA), Office of Environmental Health Hazard Assessment (OEHHA), and California Air Pollution Control Officers Association (CAPCOA) recommend the completion of health risk assessments (HRA) to determine the impacts of hazardous air emissions upon sensitive receptors in the vicinity of the project. As a result, a site-specific construction health risk assessment (HRA) has been prepared for the proposed project. This HRA considers the health impact to sensitive receptors (nearby residences and on-site students) of construction emissions at the project site from diesel equipment exhaust (diesel particulate matter or DPM).

1.2 METHODOLOGY AND SIGNIFICANCE THRESHOLDS

For this HRA, the South Coast Air Quality Management District (South Coast AQMD) significance thresholds were deemed to be appropriate and the thresholds that were used for this project are shown below:

- Excess cancer risk of more than 10 in a million
- Non-cancer hazard index (chronic or acute) greater than 1.0

The methodology used in this HRA is consistent with the following OEHHA guidance document:

- OEHHA. 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments*. February, 2015.

Potential exposures to DPM from project construction was evaluated for off-site sensitive receptors in close proximity to the site. Pollutant concentrations were estimated using an air dispersion model, and excess lifetime cancer risks and chronic non-cancer hazard indexes were calculated. These risks were then compared to the significance thresholds adopted for this HRA.

It should be noted that these health impacts are based on conservative (i.e., health protective) assumptions. The United States Environmental Protection Agency (USEPA, 2005) and the Office of Environmental Health Hazard Assessment (OEHHA, 2015) note that conservative assumptions used in a risk assessment are intended to ensure that the estimated risks do not underestimate the actual risks. Therefore, the estimated risks may not necessarily represent actual risks experienced by populations at or near a site. The use of conservative assumptions tends to produce upper-bound estimates of exposure and thus risk.

For residential-based receptors, the following conservative assumptions were used:

- It was assumed that maximum-exposed off-site residential receptors (both children and adults) stood outdoors and are subject to DPM at their residence for 8 hours per day, and approximately 260 construction days per year. In reality, California residents typically will spend on average 2 hours per day outdoors at their residences (USEPA, 2011). This would result in lower exposures to construction related DPM emissions and lower estimated risk values.
- The calculated risk for infants from third trimester to age 2 is multiplied by a factor of 10 to account for early life exposure and uncertainty in child versus adult exposure impacts (OEHHA, 2015).

1.3 CONSTRUCTION EMISSIONS

Construction emissions were calculated as average daily emissions in pounds per day, using the proposed construction schedule and the latest version of California Emissions Estimation Model, known as CalEEMod Version 2022.1 (CAPCOA, 2022). Construction modeling considered years 2023 - 2024 for Phase 1 construction activities, and years 2025 - 2027 for Phase 2, and years 2027 -2028 for Phase 3. DPM emissions were based on the CalEEMod construction runs, using annual exhaust PM₁₀ construction emissions presented in pounds (lbs) per day.

The average daily emission rates from construction equipment used during the proposed project were determined by dividing the annual average emissions for each construction year by the number of construction days per year for each calendar year of construction (i.e., 2023, 2024, 2025, 2026, 2027, and 2028). The off-site hauling emission rates were adjusted to evaluate localized emissions from the 0.51-mile haul route within 1,000 feet of the project site. The CalEEMod construction emissions output and emission rate calculations are provided in Appendix A of this HRA.

1.4 DISPERSION MODELING

Air quality modeling was performed using the AERMOD atmospheric dispersion model to assess the impact of emitted compounds on sensitive receptors near the project. The model is a steady state Gaussian plume model and is an approved model by South Coast AQMD for estimating ground level impacts from point and fugitive sources in simple and complex terrain. The on-site construction emissions for the project were modeled

as poly-area sources. The off-site mobile sources were modeled as adjacent line volume sources. The model requires additional input parameters, including chemical emission data and local meteorology. Inputs for the construction emission rates are those described in Section 1.3. Meteorological data obtained from the South Coast AQMD for the nearest representative meteorological station (Santa Monica Airport) with the five latest available years (2012 to 2016) of record were used to represent local weather conditions and prevailing winds. The prevailing wind direction at the Santa Monica Airport meteorological station is to the northeast, and the wind rose is provided in Appendix A.

The modeling analysis also considered the spatial distribution and elevation of each emitting source in relation to the sensitive receptors. To accommodate the model's Cartesian grid format, direction-dependent calculations were obtained by identifying the Universal Transverse Mercator (UTM) coordinates for each source location. In addition, digital elevation model (DEM) data for the area were obtained and included in the model runs to account for complex terrain. An emission release height of 4.15 meters was used as representative of the stack exhaust height for off-road construction equipment and diesel truck traffic, and an initial vertical dispersion parameter of 1.93 m was used, per California Air Resources Board (CARB) guidance (2000).

To determine contaminant impacts during construction hours, the model's Hour-By-Day-of-Week (HRDOW) scalar option was invoked to predict flagpole-level concentrations (0 m for ground-floor receptors) for construction emissions generated between the hours of 7:00 AM and 4:00 PM with a 1-hour lunch break.

A unit emission rate of 1 gram per second was used for all modeling runs. The unit emission rates were proportioned over the poly-area sources for on-site construction emissions and divided between the volume sources for off-site hauling emissions. The maximum modeled concentrations from the output files were then multiplied by the emission rates calculated in Appendix A to obtain the maximum flagpole-level concentrations at the off-site maximum exposed individual residential receptor (MEIR) and on-site maximum exposed school receptor (MESR). The MEIR and MESR locations correspond with the maximum AERMOD predicted DPM concentrations at nearby off-site residences and on-site student locations from the on-site emission source because the calculated on-site emission rates are approximately 2 orders of magnitude higher than the calculated off-site emission rates (see Appendix A). Therefore, the maximum concentrations associated with the on-site emission sources produce the highest overall ground-level MEIR and MESR concentrations and, consequently, highest calculated health risks.

The air dispersion model output for the emission sources is presented in Appendix B. The model output DPM concentrations from the construction emission sources are provided in Appendix C.

1.5 RISK CHARACTERIZATION

1.5.1 Carcinogenic Chemical Risk

Carcinogenic compounds are not considered to have threshold levels (i.e., dose levels below which there are no risks). Therefore, any exposure will have some associated risk. The South Coast AQMD has established a maximum incremental cancer risk of 10 in a million (1×10^{-5} or 10×10^{-6}) for CEQA projects and the OEHHA also sets a typical risk management level as 10 in a million (OEHHA, 2015).

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. The cancer risk probability is determined by multiplying the chemical's annual concentration by its cancer potency factor (CPF), a measure of the carcinogenic potential of a chemical when a dose is received through the inhalation pathway. It is an upper-limit estimate of the probability of contracting cancer as a result of continuous exposure to an ambient concentration of one microgram per cubic meter ($\mu\text{g}/\text{m}^3$), averaged over a lifetime of 70 years.

Recent guidance from OEHHA recommends a refinement to the standard point estimate approach with the use of age-specific breathing rates and age sensitivity factors (ASFs) to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose for each age group. Once determined, contaminant dose is multiplied by the cancer potency factor in units of inverse dose expressed in milligrams per kilogram per day ($\text{mg}/\text{kg}/\text{day}$)⁻¹ to derive the cancer risk estimate. Therefore, the following dose algorithm was used to accommodate the unique exposures associated with each receptor type.

$$\text{Dose}_{\text{AIR,per age group}} = (C_{\text{air}} \times \text{EF} \times \left[\frac{\text{BR}}{\text{BW}}\right] \times A \times \text{CF})$$

Where:

- Dose_{AIR} = dose by inhalation ($\text{mg}/\text{kg}/\text{day}$), per age group
- C_{air} = concentration of contaminant in air ($\mu\text{g}/\text{m}^3$)
- EF = exposure frequency (number of days/365 days)
- BR/BW = daily breathing rate normalized to body weight ($\text{L}/\text{kg}/\text{day}$)
- A = inhalation absorption factor (default = 1)
- CF = conversion factor (1×10^{-6} , μg to mg , L to m^3)

The inhalation absorption factor (A) is a unitless factor that is only used if the cancer potency factor included a correction for absorption across the lung. The default value of 1 was used for this assessment. For residential receptors, the exposure frequency (EF) of 0.96 is used to represent 350 days per year to allow for a two-week period away from home each year (OEHHA, 2015). For students, the EF of 0.49 is used to represent 180 days per year accounting for the average annual days school would be in-session. The 95th percentile daily breathing rates (BR/BW), exposure duration (ED), age sensitivity factors (ASFs), and fraction of time at home (FAH) for the various age groups are provided herein:

<u>Age Groups</u>	<u>BR/BW (L/kg-day)</u>	<u>ED</u>	<u>ASF</u>	<u>FAH</u>
Third trimester	361	0.25	10	0.85
0-2 age group	1,090	2	10	0.85
2-9 age group	861	7	3	0.72
2-16 age group	745	14	3	0.72
16-30 age group	335	14	1	0.73
16-70 age group	290	54	1	0.73

For construction analysis, the exposure duration spans the length of construction (e.g., 1,067 workdays or 4.09 years). In addition, the construction duration each year was considered in the risk calculations to account for the number of days residents are exposed to construction emissions from 2023 through 2028. As the length of construction is longer than 2.25 years, the third trimester, 0-2, and 2-9 age bins apply to the construction analysis for the off-site residential receptors.

To calculate the overall cancer risk, the risk for each appropriate age group is calculated per the following equation:

$$\text{Cancer Risk}_{\text{AIR}} = \text{Dose}_{\text{AIR}} \times \text{CPF} \times \text{ASF} \times \text{FAH} \times \frac{\text{ED}}{\text{AT}}$$

Where:

Dose _{AIR}	=	dose by inhalation (mg/kg-day), per age group
CPF	=	cancer potency factor, chemical-specific (mg/kg-day) ⁻¹
ASF	=	age sensitivity factor, per age group
FAH	=	fraction of time at home, per age group (for residential receptors only)
ED	=	exposure duration (years)
AT	=	averaging time period over which exposure duration is averaged (70 years)

The CPFs used in the assessment were obtained from OEHHA guidance. The excess lifetime cancer risks during the construction period to the maximally exposed resident were calculated based on the factors provided above. The cancer risks for each age group are summed to estimate the total cancer risk for each toxic chemical species. The final step converts the cancer risk in scientific notation to a whole number that expresses the cancer risk in “chances per million” by multiplying the cancer risk by a factor of 1x10⁶ (i.e., 1 million).

The calculated results are provided in Appendix C.

1.5.2 Non-Carcinogenic Hazards

An evaluation was also conducted of the potential non-cancer effects of chronic chemical exposures. Adverse health effects are evaluated by comparing the annual receptor level concentration of each chemical compound with the appropriate reference exposure limit (REL). Available RELs promulgated by OEHHA were considered in the assessment.

The hazard index approach was used to quantify non-carcinogenic impacts. The hazard index assumes that chronic sub-threshold exposures adversely affect a specific organ or organ system (toxicological endpoint).

Target organs presented in regulatory guidance were used for each discrete chemical exposure. To calculate the hazard index, each chemical concentration or dose is divided by the appropriate toxicity value. This ratio is summed for compounds affecting the same toxicological endpoint. A health hazard is presumed to exist where the total equals or exceeds one.

The chronic hazard analysis for DPM is provided in Appendix C. The calculations contain the relevant exposure concentrations and corresponding reference dose values used in the evaluation of non-carcinogenic exposures.

1.6 CONSTRUCTION HRA RESULTS

The calculated results are provided in Appendix C and the results are summarized in Table 1.

TABLE 1. CONSTRUCTION RISK SUMMARY - UNMITIGATED

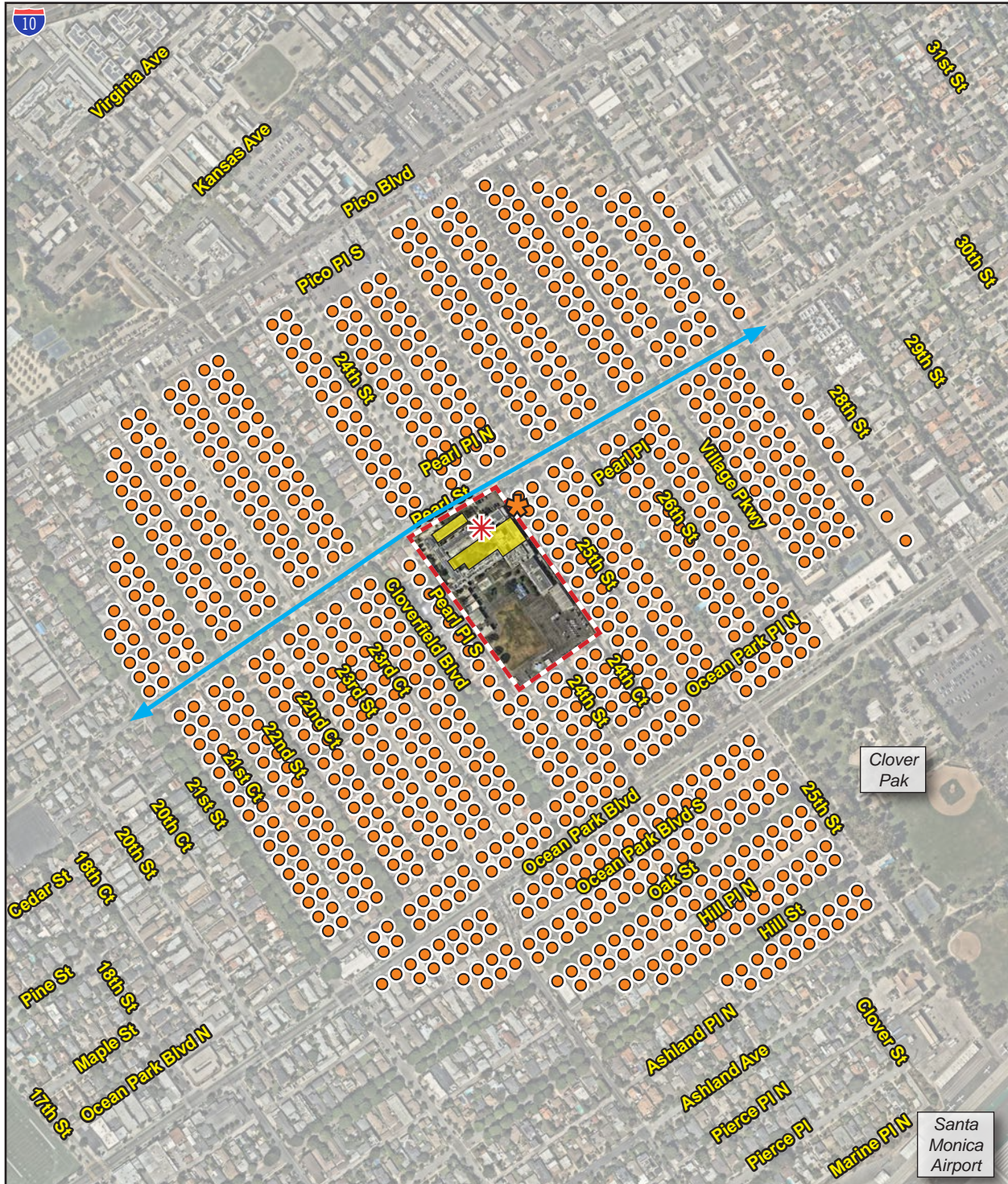
Receptor	Cancer Risk (per million)	Chronic Hazards
Maximum Exposed Individual Resident (MEIR)	5.8	0.039
Maximum Exposed School Receptor (MESR)	2.4	0.075
South Coast AQMD Threshold	10	1.0
Exceeds Threshold?	No	No

Note: Cancer risk calculated using 2015 OEHHA HRA guidance. Modeling assumes use of off-road construction equipment that meets the United States Environmental Protection Agency (US EPA) Tier 4 Final emissions standards for off-road diesel-powered construction equipment with more than 25 horsepower.

Cancer risk during project construction for the MEIR was calculated to be 5.8 in a million and the MESR was calculated to be 2.4 in a million. As illustrated in Table 1, neither of these cancer risks would exceed the 10 in a million-significance threshold. In accordance with the latest 2015 OEHHA guidance, the calculated total cancer risk conservatively assumes that the risk for the MEIR consists of a pregnant woman in the third trimester that subsequently gives birth to an infant during the approximately 4.09-year cumulative construction period; therefore, calculated risk values for the first 2.25 years were multiplied by a factor of 10 and the remaining risk values by a factor of 3. Similarly, student receptors were assumed to be first exposed at age 5; therefore, calculated risk values for the full construction duration for students were multiplied by a factor of 3. In addition, it was conservatively assumed that the residents were outdoors 8 hours a day and exposed to all of the daily construction emissions.

For non-carcinogenic effects, the chronic hazard index identified for each toxicological endpoint totaled less than one for all the off-site sensitive receptors. Therefore, chronic non-carcinogenic hazards are less than significant. Because cancer risks and chronic non-carcinogenic hazards for the MEIR and MESR would not exceed South Coast AQMD significance threshold, construction activities associated with the Proposed Project are **less than significant**.

Figure 1 - Phase 1 Project Site and Offsite Receptor Locations



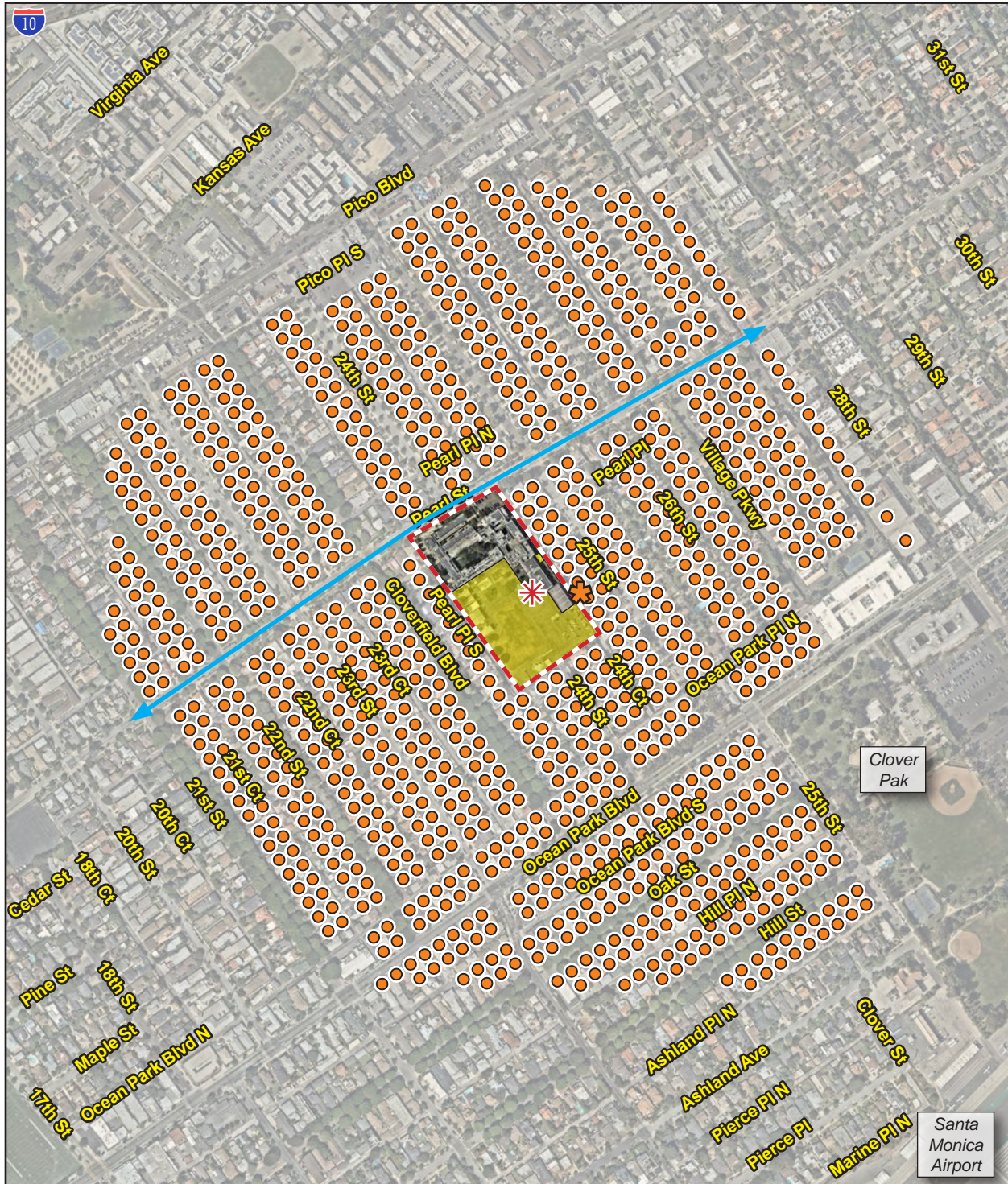
- - - Grant ES Campus Boundary
- Development Area
- ✦ Maximum Exposed Individual Receptor - Phase 1
- ✦ Maximum Exposed School Receptor - Phase 1
- Receptors - Residential
- ↔ Construction Truck Route

0 580
 Scale (Feet)



Source: Nearmap, Inc., 2022.

Figure 2 - Phase 2 Project Site and Offsite Receptor Locations



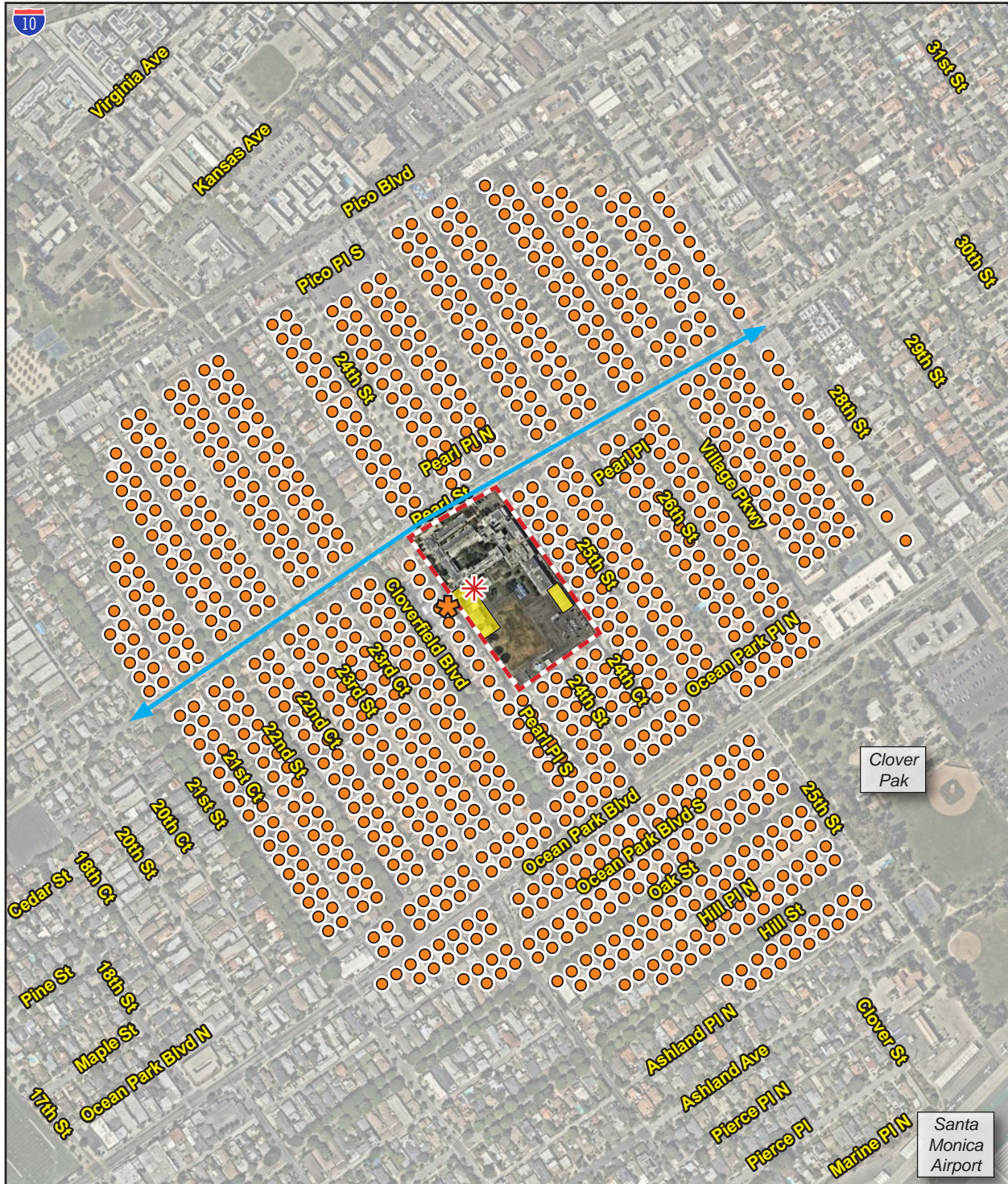
- - - Grant ES Campus Boundary
- Development Area
- ✦ Maximum Exposed Individual Receptor - Phase 2
- ✳ Maximum Exposed School Receptor - Phase 2
- Receptors - Residential
- ↔ Construction Truck Route

0 580
 Scale (Feet)



Source: Nearmap, Inc., 2022.

Figure 3 - Phase 3 Project Site and Offsite Receptor Locations



	Grant ES Campus Boundary		Maximum Exposed Individual Receptor - Phase 3
	Development Area		Maximum Exposed School Receptor - Phase 3
			Receptors - Residential
			Construction Truck Route

0 580
 Scale (Feet)

Source: Nearmap, Inc., 2022.

2. References

California Air Pollution Control Officers Association (CAPCOA). 2022. California Emissions Estimator Model (CalEEMod). Version 2022.1.0. Prepared by: ICF in collaboration with Sacramento Metropolitan Air Quality Management District.

California Air Resources Board (CARB). 2000. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*.

Office of Environmental Health Hazard Assessment (OEHHHA). 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments*. Dated February 2015.

South Coast Air Quality Management District (South Coast AQMD). 2021, May 20 (accessed). 2012-2016. Meteorological Data Set for Santa Monica Airport Meteorological Station. <http://www.aqmd.gov/home/air-quality/meteorological-data/data-for-aermod>.

United States Environmental Protection Agency (USEPA). 2011. *Exposure Factors Handbook 2011 Edition (Final)*. EPA/600/R-09/052F, 2011.

_____. 2005. *Guideline on Air Quality Models (Revised)*. EPA-450/2-78-027R.

Appendix A. Emission Rate Calculations

Phase Name	Start Date	End Date	CalEEMo d Days	Total Days
Phase 1 Asphalt Demolition	5/15/2023	6/22/2023	29	38
Phase 1 Asphalt Demolition Debris Haul	5/15/2023	6/22/2023	29	38
Phase 1 Utility Trenching	6/22/2023	6/28/2023	5	6
Phase 1 Building Construction 2023	6/28/2023	12/31/2023	133	186
Phase 1 Building Construction 2024	1/1/2024	8/11/2024	160	223
Phase 1 Architectural Coating	7/22/2024	8/11/2024	15	20
Phase 1 Finishing/Landscaping	8/5/2024	8/11/2024	5	6
Phase 2 Building Demolition	6/15/2025	8/4/2025	36	50
Phase 2 Building Demolition Debris Haul	6/15/2025	8/4/2025	36	50
Phase 2 Asphalt Demolition	6/15/2025	8/4/2025	36	50
Phase 2 Asphalt Demolition Debris Haul	6/15/2025	8/4/2025	36	50
Phase 2 Site Preparation	8/4/2025	8/9/2025	5	5
Phase 2 Building Construction 2025	8/9/2025	12/31/2025	103	144
Phase 2 Building Construction 2026	1/1/2026	12/31/2026	261	364
Phase 2 Building Construction 2027	1/1/2027	2/17/2027	34	47
Phase 2 Paving	1/25/2027	2/17/2027	18	23
Phase 2 Architectural Coating	1/25/2027	2/17/2027	18	23
Phase 3 Building Demolition	6/15/2027	7/21/2027	27	36
Phase 3 Building Demolition Debris Haul	6/15/2027	7/21/2027	27	36
Phase 3 Asphalt Demolition	6/15/2027	7/21/2027	27	36
Phase 3 Asphalt Demolition Debris Haul	6/15/2027	7/21/2027	27	36
Phase 3 Site Preparation	7/21/2027	7/23/2027	3	2
Phase 3 Utility Trenching	7/23/2027	7/29/2027	5	6
Phase 3 Building Construction 2027	7/29/2027	12/31/2027	112	155
Phase 3 Building Construction 2028	1/1/2028	8/11/2028	160	223
Phase 3 Paving	7/25/2028	8/11/2028	14	17
Phase 3 Architectural Coating	7/25/2028	8/11/2028	14	17
Phase 3 Finishing/Landscaping	8/5/2028	8/11/2028	5	6

	Number of Construction Days Per Year			Total Construction Days Per Year		
2023	5/15/2023	12/31/2023	165	1/1/2023	12/31/2023	260
2024	1/1/2024	8/11/2024	160	1/1/2024	12/31/2024	262
2025	6/15/2025	12/31/2025	143	1/1/2025	12/31/2025	261
2026	1/1/2026	12/31/2026	261	1/1/2026	12/31/2026	261
2027(P2)	1/1/2027	2/17/2027	34	1/1/2027	12/31/2027	261
2027(P3)	6/15/2027	12/31/2027	144	1/1/2028	12/31/2028	260
2028	1/1/2028	8/11/2028	160			
	CONSTRUCTION DAYS		1067	TOTAL DAYS		1565

Onsite Construction PM10 Exhaust Emissions - Unmitigated Scenario (Tier 4 Final Equipment) ¹

Year	Construction Activity	Days of Activity	Average Daily Emissions (lbs/day)	Total Annual Emissions (lbs/year)	Total Construction Days/Year	Annual Average Daily Emissions (lbs/hr)	Emission Rate (g/s)	Workdays/Year	Construction Duration ²
2023	P1 Demolition	29	0.00	0.01	165	2.79E-03	3.51E-04	260	0.63
	P1 Utility Trenching	5	0.00						
	P1 Building Construction	133	0.01						
2024	P1 Building Construction	160	0.01	0.01	160	3.16E-03	3.98E-04	262	0.61
	P1 Architectural Coating	15	0.00						
	P1 Finishing/Landscaping	5	0.00						
2025	P2 Demolition	36	0.00	0.02	143	7.20E-03	9.07E-04	261	0.55
	P2 Site Preparation	5	0.00						
	P2 Building Construction	103	0.02						
2026	P2 Building Construction	261	0.05	0.05	261	8.83E-03	1.11E-03	261	1.00
	P2 Building Construction	34	0.01						
	P2 Paving	18	0.00						
2027 (P2)	P2 Architectural Coating	18	0.00	0.01	34	1.39E-02	1.75E-03	261	0.13
	P2 Building Construction	18	0.00						
	P2 Architectural Coating	18	0.00						
2027 (P3)	P3 Demolition	27	0.00	0.02	144	6.71E-03	8.46E-04	261	0.55
	P3 Site Preparation	3	0.00						
	P3 Utility Trenching	5	0.00						
2028	P3 Building Construction	112	0.02	0.03	160	7.97E-03	1.00E-03	260	0.62
	P3 Building Construction	160	0.03						
	P3 Paving	14	0.00						
	P3 Architectural Coating	14	0.00						
	P3 Finishing/Landscaping	5	0.00						

Offsite Construction PM10 Exhaust Emissions - Unmitigated Scenario ¹

Year	Construction Activity	Days of Activity	Average Daily Emissions (lbs/day)	Total Annual Emissions (lbs/year)	Total Construction Days/Year	Annual Average Daily Emissions (lbs/hr)	Hauling Emissions w/m 1,000 ft (lbs/day) ³	Emission Rate (g/s)
2023	P1 Demolition	29	0.00	0.00	165	1.04E-04	2.68E-06	3.38E-07
	P1 Utility Trenching	5	0.00					
	P1 Building Construction	133	0.00					
2024	P1 Building Construction	160	0.00	0.00	160	5.62E-05	1.44E-06	1.82E-07
	P1 Architectural Coating	15	0.00					
	P1 Finishing/Landscaping	5	0.00					
2025	P2 Demolition	36	0.00	0.00	143	4.26E-04	1.09E-05	1.38E-06
	P2 Site Preparation	5	0.00					
	P2 Building Construction	103	0.00					
2026	P2 Building Construction	261	0.00	0.00	261	9.78E-05	2.51E-06	3.17E-07
	P2 Building Construction	34	0.00					
	P2 Paving	18	0.00					
2027 (P2)	P2 Architectural Coating	18	0.00	0.00	34	4.94E-05	1.27E-06	1.60E-07
	P2 Building Construction	18	0.00					
	P2 Architectural Coating	18	0.00					
2027 (P3)	P3 Demolition	27	0.00	0.00	144	2.36E-04	6.06E-06	7.64E-07
	P3 Site Preparation	3	0.00					
	P3 Utility Trenching	5	0.00					
2028	P3 Building Construction	112	0.00	0.00	160	1.09E-04	2.81E-06	3.54E-07
	P3 Building Construction	160	0.00					
	P3 Paving	14	0.00					
	P3 Architectural Coating	14	0.00					
	P3 Finishing/Landscaping	5	0.00					

Note: Emissions evenly distributed over 79 modeled volume sources.

Hauling Length (miles) ³	20.0	miles
Haul Length within 1,000 ft of Site (miles) ⁴	0.51	miles
Hours per work day (7:00 AM to 4:00 PM, 1-hour of breaks) ⁵	8	hours

¹ DPM emissions taken as PM₁₀ exhaust emissions from CalEEMod average daily emissions.

² Construction durations determined for each year to adjust receptor exposures to the exposure durations for each construction year (see App C - Risk Calculations).

³ Based on CalEEMod default 20 mile hauling distance.

⁴ Emissions from CalEEMod offsite average daily emissions, which is based on proportional haul truck trip distances, are adjusted to evaluate emissions from the 0.51-mile route within 1,000 of the project site.

⁵ Work hours applied in By Hour/Day (HRDOW) variable emissions module in an dispersion model (see App C - Air Dispersion Model Output Files).

PHASE 1 MODEL

3.2. Demolition (2023)

Unmitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.00	0.00	0.02	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition		0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Total		0.00	0.00	0.02	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Unmitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.01	0.00	0.00	0.00
Vendor		0.00	0.00	0.01	0.01	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
Total		0.00	0.00	0.02	0.05	0.00	0.00	0.01	0.01	0.00	0.00	0.00

3.4. Demolition (2023)

Unmitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition		0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Unmitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Trenching (2023)

Unmitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.00	0.00	0.00	0.06	0.00	0.00	0.00	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
Total		0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Unmitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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
Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Building Construction (2023)											
<u>Unmitigated Construction On-Site</u>											
	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day										
Off-Road Equipment	0.05	0.05	0.23	2.96	0.00	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
Total	0.05	0.05	0.23	2.96	0.00	0.01	0.00	0.01	0.01	0.00	0.01
<u>Unmitigated Construction Off-Site</u>											
Category	lbs/day										
Worker	0.00	0.00	0.00	0.03	0.00	0.00		0.00	0.00		0.00
Vendor	0.00	0.00	0.02	0.01	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
Total	0.00	0.00	0.02	0.03	0.00	0.00	0.01	0.01	0.00	0.00	0.00

3.8. Building Construction (2024)											
<u>Unmitigated Construction On-Site</u>											
	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day										
Off-Road Equipment	0.05	0.05	0.28	3.55	0.01	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
Total	0.05	0.05	0.28	3.55	0.01	0.01	0.00	0.01	0.01	0.00	0.01
<u>Unmitigated Construction Off-Site</u>											
Category	lbs/day										
Worker	0.00	0.00	0.00	0.03	0.00	0.00		0.01	0.01		0.00
Vendor	0.00	0.00	0.02	0.01	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
Total	0.00	0.00	0.02	0.04	0.00	0.00	0.01	0.01	0.00	0.00	0.00

3.10. Architectural Coating (2024)											
<u>Unmitigated Construction On-Site</u>											
	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day										
Off-Road Equipment	0.00	0.00	0.03	0.04	0.00	0.00		0.00	0.00		0.00
Architectural Coatings		0.15									
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00
Total	0.00	0.15	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<u>Unmitigated Construction Off-Site</u>											
Category	lbs/day										
Worker	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00
Vendor	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
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Trenching (2024)											
<u>Unmitigated Construction On-Site</u>											
	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day										
Off-Road Equipment	0.00	0.00	0.00	0.06	0.00	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
Total	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<u>Unmitigated Construction Off-Site</u>											
Category	lbs/day										
Worker	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00
Vendor	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
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

PHASE 2 MODEL

3.2. Demolition (2025)											
<u>Unmitigated Construction On-Site</u>											
	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day										
Off-Road Equipment	0.01	0.01	0.28	0.75	0.00	0.00		0.00	0.00		0.00
Demolition											
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00
Total	0.01	0.01	0.28	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<u>Unmitigated Construction Off-Site</u>											
Category	lbs/day										
Worker	0.01	0.01	0.01	0.08	0.00	0.00		0.02	0.02		0.00
Vendor	0.00	0.00	0.03	0.01	0.00	0.00		0.01	0.01		0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00
Total	0.01	0.01	0.04	0.09	0.00	0.00	0.02	0.02	0.00	0.01	0.01

3.4. Demolition (2025)											
<u>Unmitigated Construction On-Site</u>											
	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day										
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00
Demolition											
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00		0.03	0.03		0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00
<u>Unmitigated Construction Off-Site</u>											
Category	lbs/day										
Worker	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00
Hauling	0.00	0.00	0.03	0.01	0.00	0.00		0.01	0.01		0.00
Total	0.00	0.00	0.03	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00

3.6. Demolition (2025)											
<u>Unmitigated Construction On-Site</u>											
	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day										
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00
Demolition											
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<u>Unmitigated Construction Off-Site</u>											
Category	lbs/day										
Worker	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00
Vendor	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
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Demolition (2025)											
<u>Unmitigated Construction On-Site</u>											

		TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day											
Off-Road Equipment		0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00
Demolition								0.06	0.05		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
Total		0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.00	0.01	0.01
Unmitigated Construction Off-Site												
Category	lbs/day											
Worker		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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	0.04	0.02	0.00	0.00	0.01	0.01	0.00	0.00	0.00
Total		0.00	0.00	0.04	0.02	0.00	0.00	0.01	0.01	0.00	0.00	0.00

3.10. Site Preparation (2025)

Unmitigated Construction On-Site												
		TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day											
Off-Road Equipment		0.00	0.00	0.02	0.12	0.00	0.00		0.00	0.00		0.00
Dust From Material Movement								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
Total		0.00	0.00	0.02	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unmitigated Construction Off-Site												
Category	lbs/day											
Worker		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		0.00	0.00	0.01	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
Total		0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (2025)

Unmitigated Construction On-Site												
		TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day											
Off-Road Equipment		0.10	0.10	1.29	3.77	0.01	0.02		0.02	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
Total		0.10	0.10	1.29	3.77	0.01	0.02	0.00	0.02	0.02	0.00	0.02
Unmitigated Construction Off-Site												
Category	lbs/day											
Worker		0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	0.00	0.00
Vendor		0.00	0.00	0.02	0.01	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
Total		0.01	0.01	0.03	0.09	0.00	0.00	0.02	0.02	0.00	0.00	0.01

3.14. Building Construction (2026)

Unmitigated Construction On-Site												
		TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day											
Off-Road Equipment		0.26	0.24	3.23	9.49	0.02	0.05		0.05	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
Total		0.26	0.24	3.23	9.49	0.02	0.05	0.00	0.05	0.05	0.00	0.05
Unmitigated Construction Off-Site												
Category	lbs/day											
Worker		0.01	0.01	0.02	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01
Vendor		0.00	0.00	0.04	0.02	0.00	0.00	0.01	0.01	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
Total		0.02	0.01	0.06	0.20	0.00	0.00	0.05	0.05	0.00	0.01	0.01

3.16. Building Construction (2027)

Unmitigated Construction On-Site												
		TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day											
Off-Road Equipment		0.03	0.03	0.43	1.25	0.00	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
Total		0.03	0.03	0.43	1.25	0.00	0.01	0.00	0.01	0.01	0.00	0.01
Unmitigated Construction Off-Site												
Category	lbs/day											
Worker		0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.01	0.00	0.00	0.00
Vendor		0.00	0.00	0.01	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
Total		0.00	0.00	0.01	0.03	0.00	0.00	0.01	0.01	0.00	0.00	0.00

3.18. Paving (2027)

Unmitigated Construction On-Site												
		TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day											
Off-Road Equipment		0.00	0.00	0.05	0.25	0.00	0.00		0.00	0.00		0.00
Paving			0.01									
Onsite truck		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.00	0.01	0.05	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unmitigated Construction Off-Site												
Category	lbs/day											
Worker		0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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
Total		0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Architectural Coating (2027)

Unmitigated Construction On-Site												
		TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day											
Off-Road Equipment		0.01	0.01	0.08	0.05	0.00	0.00		0.00	0.00		0.00
Architectural Coatings			0.21									
Onsite truck		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.01	0.22	0.08	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unmitigated Construction Off-Site												
Category	lbs/day											
Worker		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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
Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

PHASE 3 MODEL

3.2. Demolition (2027)

Unmitigated Construction On-Site												
		TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Category	lbs/day											
Off-Road Equipment		0.01	0.01	0.09	0.68	0.00	0.00		0.00	0.00		0.00
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
Total		0.01	0.01	0.09	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Unmitigated Construction Off-Site												
Category	lbs/day	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	
Worker		0.00	0.00	0.00	0.06	0.00	0.00	0.01	0.00	0.00	0.00	
Vendor		0.00	0.00	0.02	0.01	0.00	0.00	0.01	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	
Total		0.01	0.00	0.03	0.07	0.00	0.00	0.02	0.00	0.00	0.00	
3.4. Demolition (2027)												
<u>Unmitigated Construction On-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.00
Demolition		0.00	0.00	0.00	0.00	0.00		0.03	0.03		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
Total		0.00	0.00	0.00	0.00	0.00		0.03	0.03	0.00	0.00	0.00
<u>Unmitigated Construction Off-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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	0.02	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00
Total		0.00	0.00	0.02	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00
3.6. Demolition (2027)												
<u>Unmitigated Construction On-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition		0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<u>Unmitigated Construction Off-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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
Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.8. Demolition (2027)												
<u>Unmitigated Construction On-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00
Demolition		0.00	0.00	0.00	0.00	0.00		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
Total		0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
<u>Unmitigated Construction Off-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.10. Site Preparation (2027)												
<u>Unmitigated Construction On-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.00	0.00	0.01	0.07	0.00	0.00		0.00	0.00		0.00
Dust From Material Movement		0.00	0.00	0.00	0.00	0.00		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
Total		0.00	0.00	0.01	0.07	0.00		0.00	0.00	0.00	0.00	0.00
<u>Unmitigated Construction Off-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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
Total		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.20. Trenching (2027)												
<u>Unmitigated Construction On-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.00	0.00	0.01	0.01	0.00	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
Total		0.00	0.00	0.01	0.01	0.00		0.00	0.00	0.00	0.00	0.00
<u>Unmitigated Construction Off-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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
Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.12. Building Construction (2027)												
<u>Unmitigated Construction On-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.10	0.09	1.32	3.36	0.01	0.02		0.02	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
Total		0.10	0.09	1.32	3.36	0.01	0.02	0.00	0.02	0.02	0.00	0.02
<u>Unmitigated Construction Off-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.01	0.01	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01
Vendor		0.00	0.00	0.04	0.02	0.00	0.00	0.01	0.01	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
Total		0.01	0.01	0.05	0.18	0.00	0.00	0.05	0.05	0.00	0.01	0.01
3.14. Building Construction (2028)												
<u>Unmitigated Construction On-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.14	0.13	1.90	4.82	0.01	0.03		0.03	0.03		0.03
Onsite truck		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.14	0.13	1.90	4.82	0.01	0.03	0.00	0.03	0.03	0.00	0.03
<u>Unmitigated Construction Off-Site</u>												
Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T

Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.06	0.06	0.00	0.01	0.01
Vendor	0.00	0.00	0.06	0.03	0.00	0.00	0.01	0.01	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
Total	0.02	0.02	0.07	0.24	0.00	0.00	0.07	0.07	0.00	0.02	0.02

3.16. Paving (2028)

Unmitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.00	0.00	0.04	0.19	0.00	0.00		0.00	0.00		0.00
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
Total		0.00	0.00	0.04	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Unmitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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
Total		0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Architectural Coating (2028)

Unmitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.00	0.00	0.02	0.04	0.00	0.00		0.00	0.00		0.00
Architectural Coatings			0.31									
Onsite truck		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.00	0.31	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Unmitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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
Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Trenching (2028)

Unmitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.00	0.00	0.01	0.01	0.00	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
Total		0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Unmitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO ₂	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor		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
Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Appendix B. Air Dispersion Model Output

**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) = 53.00 ; 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: SMM-08 Phase 1.err

**File for Summary of Results: SMM-08 Phase 1.sum

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 1) Construction HRA
*** AERMET - VERSION 16216 *** *** Santa Monica

*** 02/05/23
*** 21:40:02
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
 *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.12658E-01	364654.8	3765078.5	45.9	4.15	4.85	3.26	YES	HRDOW
L0000002	0	0.12658E-01	364663.5	3765084.3	46.0	4.15	4.85	3.26	YES	HRDOW
L0000003	0	0.12658E-01	364672.1	3765090.2	46.3	4.15	4.85	3.26	YES	HRDOW
L0000004	0	0.12658E-01	364680.7	3765096.0	46.5	4.15	4.85	3.26	YES	HRDOW
L0000005	0	0.12658E-01	364689.4	3765101.9	46.8	4.15	4.85	3.26	YES	HRDOW
L0000006	0	0.12658E-01	364698.0	3765107.7	47.0	4.15	4.85	3.26	YES	HRDOW
L0000007	0	0.12658E-01	364706.6	3765113.6	47.1	4.15	4.85	3.26	YES	HRDOW
L0000008	0	0.12658E-01	364715.3	3765119.4	47.3	4.15	4.85	3.26	YES	HRDOW
L0000009	0	0.12658E-01	364723.9	3765125.3	47.5	4.15	4.85	3.26	YES	HRDOW
L0000010	0	0.12658E-01	364732.5	3765131.1	47.6	4.15	4.85	3.26	YES	HRDOW
L0000011	0	0.12658E-01	364741.2	3765137.0	47.5	4.15	4.85	3.26	YES	HRDOW
L0000012	0	0.12658E-01	364749.8	3765142.8	47.4	4.15	4.85	3.26	YES	HRDOW
L0000013	0	0.12658E-01	364758.4	3765148.7	47.2	4.15	4.85	3.26	YES	HRDOW
L0000014	0	0.12658E-01	364767.1	3765154.5	47.0	4.15	4.85	3.26	YES	HRDOW
L0000015	0	0.12658E-01	364775.7	3765160.4	46.9	4.15	4.85	3.26	YES	HRDOW
L0000016	0	0.12658E-01	364784.3	3765166.2	46.7	4.15	4.85	3.26	YES	HRDOW
L0000017	0	0.12658E-01	364793.0	3765172.1	46.5	4.15	4.85	3.26	YES	HRDOW
L0000018	0	0.12658E-01	364801.6	3765177.9	46.6	4.15	4.85	3.26	YES	HRDOW
L0000019	0	0.12658E-01	364810.2	3765183.8	46.8	4.15	4.85	3.26	YES	HRDOW
L0000020	0	0.12658E-01	364818.9	3765189.6	47.1	4.15	4.85	3.26	YES	HRDOW
L0000021	0	0.12658E-01	364827.5	3765195.5	47.4	4.15	4.85	3.26	YES	HRDOW
L0000022	0	0.12658E-01	364836.2	3765201.3	47.4	4.15	4.85	3.26	YES	HRDOW
L0000023	0	0.12658E-01	364844.8	3765207.2	47.6	4.15	4.85	3.26	YES	HRDOW
L0000024	0	0.12658E-01	364853.4	3765213.0	48.0	4.15	4.85	3.26	YES	HRDOW
L0000025	0	0.12658E-01	364862.1	3765218.9	48.1	4.15	4.85	3.26	YES	HRDOW
L0000026	0	0.12658E-01	364870.7	3765224.7	48.1	4.15	4.85	3.26	YES	HRDOW
L0000027	0	0.12658E-01	364879.3	3765230.6	48.0	4.15	4.85	3.26	YES	HRDOW
L0000028	0	0.12658E-01	364888.4	3765235.7	47.9	4.15	4.85	3.26	YES	HRDOW
L0000029	0	0.12658E-01	364897.5	3765240.8	47.8	4.15	4.85	3.26	YES	HRDOW
L0000030	0	0.12658E-01	364906.6	3765245.9	47.7	4.15	4.85	3.26	YES	HRDOW
L0000031	0	0.12658E-01	364915.7	3765251.0	47.6	4.15	4.85	3.26	YES	HRDOW
L0000032	0	0.12658E-01	364924.8	3765256.0	47.4	4.15	4.85	3.26	YES	HRDOW
L0000033	0	0.12658E-01	364933.9	3765261.1	47.3	4.15	4.85	3.26	YES	HRDOW
L0000034	0	0.12658E-01	364943.0	3765266.2	47.3	4.15	4.85	3.26	YES	HRDOW
L0000035	0	0.12658E-01	364952.1	3765271.3	47.3	4.15	4.85	3.26	YES	HRDOW
L0000036	0	0.12658E-01	364961.3	3765276.4	47.3	4.15	4.85	3.26	YES	HRDOW
L0000037	0	0.12658E-01	364970.4	3765281.5	47.3	4.15	4.85	3.26	YES	HRDOW
L0000038	0	0.12658E-01	364979.5	3765286.6	47.2	4.15	4.85	3.26	YES	HRDOW
L0000039	0	0.12658E-01	364988.6	3765291.7	47.0	4.15	4.85	3.26	YES	HRDOW
L0000040	0	0.12658E-01	364997.7	3765296.7	47.0	4.15	4.85	3.26	YES	HRDOW

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*** SMM-08 (Phase 1) Construction HRA
*** Santa Monica

*** 02/05/23
*** 21:40:02
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000041	0	0.12658E-01	365006.8	3765301.8	47.1	4.15	4.85	3.26	YES	HRDOW
L0000042	0	0.12658E-01	365015.9	3765306.9	47.4	4.15	4.85	3.26	YES	HRDOW
L0000043	0	0.12658E-01	365025.0	3765312.0	47.5	4.15	4.85	3.26	YES	HRDOW
L0000044	0	0.12658E-01	365034.1	3765317.1	47.5	4.15	4.85	3.26	YES	HRDOW
L0000045	0	0.12658E-01	365043.2	3765322.2	47.6	4.15	4.85	3.26	YES	HRDOW
L0000046	0	0.12658E-01	365052.3	3765327.3	47.7	4.15	4.85	3.26	YES	HRDOW
L0000047	0	0.12658E-01	365061.4	3765332.4	48.0	4.15	4.85	3.26	YES	HRDOW
L0000048	0	0.12658E-01	365070.5	3765337.4	48.3	4.15	4.85	3.26	YES	HRDOW
L0000049	0	0.12658E-01	365079.6	3765342.5	48.7	4.15	4.85	3.26	YES	HRDOW
L0000050	0	0.12658E-01	365088.7	3765347.6	49.0	4.15	4.85	3.26	YES	HRDOW
L0000051	0	0.12658E-01	365097.8	3765352.7	49.2	4.15	4.85	3.26	YES	HRDOW
L0000052	0	0.12658E-01	365106.9	3765357.8	49.6	4.15	4.85	3.26	YES	HRDOW
L0000053	0	0.12658E-01	365116.0	3765362.9	50.2	4.15	4.85	3.26	YES	HRDOW
L0000054	0	0.12658E-01	365125.1	3765368.0	50.8	4.15	4.85	3.26	YES	HRDOW
L0000055	0	0.12658E-01	365134.2	3765373.1	51.5	4.15	4.85	3.26	YES	HRDOW
L0000056	0	0.12658E-01	365143.3	3765378.1	51.5	4.15	4.85	3.26	YES	HRDOW
L0000057	0	0.12658E-01	365152.5	3765383.2	51.2	4.15	4.85	3.26	YES	HRDOW
L0000058	0	0.12658E-01	365161.6	3765388.3	50.9	4.15	4.85	3.26	YES	HRDOW
L0000059	0	0.12658E-01	365170.7	3765393.4	51.0	4.15	4.85	3.26	YES	HRDOW
L0000060	0	0.12658E-01	365179.8	3765398.4	51.1	4.00	4.85	3.26	YES	HRDOW
L0000061	0	0.12658E-01	365189.0	3765403.4	51.1	3.80	4.85	3.26	YES	HRDOW
L0000062	0	0.12658E-01	365198.2	3765408.4	50.7	3.60	4.85	3.26	YES	HRDOW
L0000063	0	0.12658E-01	365207.3	3765413.3	50.3	3.39	4.85	3.26	YES	HRDOW
L0000064	0	0.12658E-01	365216.5	3765418.3	50.0	3.19	4.85	3.26	YES	HRDOW
L0000065	0	0.12658E-01	365225.7	3765423.3	49.8	2.99	4.85	3.26	YES	HRDOW
L0000066	0	0.12658E-01	365234.8	3765428.3	49.7	2.79	4.85	3.26	YES	HRDOW
L0000067	0	0.12658E-01	365244.0	3765433.2	49.5	2.59	4.85	3.26	YES	HRDOW
L0000068	0	0.12658E-01	365253.2	3765438.2	49.3	2.38	4.85	3.26	YES	HRDOW
L0000069	0	0.12658E-01	365262.3	3765443.2	49.0	2.18	4.85	3.26	YES	HRDOW
L0000070	0	0.12658E-01	365271.5	3765448.2	49.0	1.98	4.85	3.26	YES	HRDOW
L0000071	0	0.12658E-01	365280.7	3765453.1	49.0	1.78	4.85	3.26	YES	HRDOW
L0000072	0	0.12658E-01	365289.8	3765458.1	49.1	1.58	4.85	3.26	YES	HRDOW
L0000073	0	0.12658E-01	365299.0	3765463.1	49.2	1.38	4.85	3.26	YES	HRDOW
L0000074	0	0.12658E-01	365308.2	3765468.0	49.2	1.17	4.85	3.26	YES	HRDOW
L0000075	0	0.12658E-01	365317.3	3765473.0	49.2	0.97	4.85	3.26	YES	HRDOW
L0000076	0	0.12658E-01	365326.5	3765478.0	49.4	0.77	4.85	3.26	YES	HRDOW
L0000077	0	0.12658E-01	365335.7	3765483.0	49.6	0.57	4.85	3.26	YES	HRDOW
L0000078	0	0.12658E-01	365344.8	3765487.9	49.7	0.37	4.85	3.26	YES	HRDOW
L0000079	0	0.12658E-01	365354.0	3765492.9	49.7	0.16	4.85	3.26	YES	HRDOW

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
 *** Santa Monica

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
1	0	0.35728E-03	364953.1	3765246.7	47.5	4.15	4	1.93	YES	HRDOW
2	0	0.35739E-03	364975.0	3765217.2	47.9	4.15	8	1.93	YES	HRDOW

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 1) Construction HRA
*** AERMET - VERSION 16216 *** *** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs																
-----	-----																
ONSITE	1	,	2	,													
OFFSITE	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	,			

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 1) Construction HRA
 *** AERMET - VERSION 16216 *** *** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs							
-----	-----	-----							
L0000006	9830000.	1	, 2	, L0000001	, L0000002	, L0000003	, L0000004	, L0000005	,
	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	,							

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 1) Construction HRA
 *** AERMET - VERSION 16216 *** *** Santa Monica

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = 1 ; SOURCE TYPE = AREAPOLY :

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

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 1) Construction HRA
 *** AERMET - VERSION 16216 *** *** Santa Monica

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = 2 ; SOURCE TYPE = AREAPOLY :

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

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 1) Construction HRA
 *** AERMET - VERSION 16216 *** *** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000001 TO L0000079 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
*** Santa Monica

*** 02/05/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(364887.8, 3764714.0,	43.4,	43.4,	0.0);	(364907.8, 3764714.0,	43.1,	43.1,	0.0);
(364927.8, 3764714.0,	42.4,	42.4,	0.0);	(364947.8, 3764714.0,	41.5,	41.5,	0.0);
(364967.8, 3764714.0,	41.7,	41.7,	0.0);	(364987.8, 3764714.0,	41.7,	41.7,	0.0);
(365007.8, 3764714.0,	41.7,	41.7,	0.0);	(365027.8, 3764714.0,	41.8,	41.8,	0.0);
(365067.8, 3764714.0,	42.0,	42.0,	0.0);	(365087.8, 3764714.0,	42.0,	42.0,	0.0);
(365107.8, 3764714.0,	42.1,	42.1,	0.0);	(365127.8, 3764714.0,	42.3,	42.3,	0.0);
(365147.8, 3764714.0,	41.8,	41.8,	0.0);	(365167.8, 3764714.0,	41.8,	41.8,	0.0);
(365187.8, 3764714.0,	41.9,	41.9,	0.0);	(365207.8, 3764714.0,	42.2,	42.2,	0.0);
(365287.8, 3764714.0,	43.1,	43.1,	0.0);	(365307.8, 3764714.0,	43.4,	43.4,	0.0);
(365327.8, 3764714.0,	43.7,	43.7,	0.0);	(365347.8, 3764714.0,	44.0,	44.0,	0.0);
(364907.8, 3764734.0,	43.3,	43.3,	0.0);	(364927.8, 3764734.0,	42.8,	42.8,	0.0);
(364947.8, 3764734.0,	41.8,	41.8,	0.0);	(364967.8, 3764734.0,	42.5,	42.5,	0.0);
(364987.8, 3764734.0,	42.3,	42.3,	0.0);	(365007.8, 3764734.0,	42.0,	42.0,	0.0);
(365027.8, 3764734.0,	42.2,	42.2,	0.0);	(365047.8, 3764734.0,	42.8,	42.8,	0.0);
(365107.8, 3764734.0,	42.4,	42.4,	0.0);	(365127.8, 3764734.0,	42.8,	42.8,	0.0);
(365147.8, 3764734.0,	42.4,	42.4,	0.0);	(365167.8, 3764734.0,	42.1,	42.1,	0.0);
(365187.8, 3764734.0,	42.1,	42.1,	0.0);	(365207.8, 3764734.0,	42.4,	42.4,	0.0);
(365227.8, 3764734.0,	42.9,	42.9,	0.0);	(365247.8, 3764734.0,	43.3,	43.3,	0.0);
(365327.8, 3764734.0,	43.8,	43.8,	0.0);	(365347.8, 3764734.0,	44.0,	44.0,	0.0);
(365367.8, 3764734.0,	44.0,	44.0,	0.0);	(364887.8, 3764754.0,	43.3,	43.3,	0.0);
(364947.8, 3764754.0,	42.7,	42.7,	0.0);	(364967.8, 3764754.0,	43.1,	43.1,	0.0);
(364987.8, 3764754.0,	43.0,	43.0,	0.0);	(365007.8, 3764754.0,	42.9,	42.9,	0.0);
(365027.8, 3764754.0,	42.9,	42.9,	0.0);	(365067.8, 3764754.0,	43.0,	43.0,	0.0);
(365087.8, 3764754.0,	43.0,	43.0,	0.0);	(365127.8, 3764754.0,	42.7,	42.7,	0.0);
(365147.8, 3764754.0,	42.6,	42.6,	0.0);	(365167.8, 3764754.0,	42.6,	42.6,	0.0);
(365187.8, 3764754.0,	42.7,	42.7,	0.0);	(365207.8, 3764754.0,	42.9,	42.9,	0.0);
(365227.8, 3764754.0,	43.3,	43.3,	0.0);	(365247.8, 3764754.0,	43.8,	43.8,	0.0);
(365267.8, 3764754.0,	43.9,	43.9,	0.0);	(365347.8, 3764754.0,	44.1,	44.1,	0.0);
(365367.8, 3764754.0,	44.1,	44.1,	0.0);	(365387.8, 3764754.0,	43.9,	43.9,	0.0);
(365407.8, 3764754.0,	43.5,	43.5,	0.0);	(364827.8, 3764774.0,	44.0,	44.0,	0.0);
(364847.8, 3764774.0,	43.6,	43.6,	0.0);	(364867.8, 3764774.0,	43.1,	43.1,	0.0);
(364887.8, 3764774.0,	43.1,	43.1,	0.0);	(364907.8, 3764774.0,	43.2,	43.2,	0.0);
(364967.8, 3764774.0,	43.5,	43.5,	0.0);	(364987.8, 3764774.0,	43.6,	43.6,	0.0);
(365007.8, 3764774.0,	43.6,	43.6,	0.0);	(365027.8, 3764774.0,	43.5,	43.5,	0.0);
(365067.8, 3764774.0,	43.4,	43.4,	0.0);	(365087.8, 3764774.0,	43.6,	43.6,	0.0);
(365107.8, 3764774.0,	43.4,	43.4,	0.0);	(365167.8, 3764774.0,	43.0,	43.0,	0.0);
(365187.8, 3764774.0,	43.1,	43.1,	0.0);	(365207.8, 3764774.0,	43.3,	43.3,	0.0);
(365227.8, 3764774.0,	43.7,	43.7,	0.0);	(365247.8, 3764774.0,	44.3,	44.3,	0.0);
(365267.8, 3764774.0,	44.5,	44.5,	0.0);	(365287.8, 3764774.0,	44.4,	44.4,	0.0);
(365307.8, 3764774.0,	44.3,	44.3,	0.0);	(365387.8, 3764774.0,	43.8,	43.8,	0.0);
(365407.8, 3764774.0,	43.4,	43.4,	0.0);	(365427.8, 3764774.0,	43.0,	43.0,	0.0);

(364807.8, 3764794.0,	44.2,	44.2,	0.0);	(364827.8, 3764794.0,	43.8,	43.8,	0.0);
(364847.8, 3764794.0,	43.1,	43.1,	0.0);	(364867.8, 3764794.0,	42.9,	42.9,	0.0);
(364887.8, 3764794.0,	42.8,	42.8,	0.0);	(364947.8, 3764794.0,	43.6,	43.6,	0.0);
(365007.8, 3764794.0,	43.7,	43.7,	0.0);	(365027.8, 3764794.0,	43.7,	43.7,	0.0);

*** AERMOD - VERSION 21112 *** ** SMM-08 (Phase 1) Construction HRA
*** AERMET - VERSION 16216 *** ** Santa Monica
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

*** 02/05/23
*** 21:40:02

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

(365067.8, 3764794.0,	43.6,	43.6,	0.0);	(365087.8, 3764794.0,	43.8,	43.8,	0.0);
(365107.8, 3764794.0,	43.9,	43.9,	0.0);	(365127.8, 3764794.0,	44.0,	44.0,	0.0);
(365147.8, 3764794.0,	43.7,	43.7,	0.0);	(365187.8, 3764794.0,	43.3,	43.3,	0.0);
(365207.8, 3764794.0,	43.8,	43.8,	0.0);	(365227.8, 3764794.0,	44.3,	44.3,	0.0);
(365247.8, 3764794.0,	44.8,	44.8,	0.0);	(365267.8, 3764794.0,	44.9,	44.9,	0.0);
(365287.8, 3764794.0,	44.9,	44.9,	0.0);	(365307.8, 3764794.0,	45.0,	45.0,	0.0);
(365327.8, 3764794.0,	44.6,	44.6,	0.0);	(365407.8, 3764794.0,	43.4,	43.4,	0.0);
(365427.8, 3764794.0,	43.0,	43.0,	0.0);	(365447.8, 3764794.0,	42.7,	42.7,	0.0);
(365467.8, 3764794.0,	42.5,	42.5,	0.0);	(364787.8, 3764814.0,	44.3,	44.3,	0.0);
(364807.8, 3764814.0,	44.0,	44.0,	0.0);	(364827.8, 3764814.0,	43.4,	43.4,	0.0);
(364847.8, 3764814.0,	42.8,	42.8,	0.0);	(364867.8, 3764814.0,	42.8,	42.8,	0.0);
(364927.8, 3764814.0,	43.4,	43.4,	0.0);	(364947.8, 3764814.0,	43.8,	43.8,	0.0);
(364967.8, 3764814.0,	43.9,	43.9,	0.0);	(365047.8, 3764814.0,	43.8,	43.8,	0.0);
(365067.8, 3764814.0,	43.9,	43.9,	0.0);	(365087.8, 3764814.0,	44.1,	44.1,	0.0);
(365107.8, 3764814.0,	44.2,	44.2,	0.0);	(365127.8, 3764814.0,	44.2,	44.2,	0.0);
(365147.8, 3764814.0,	44.1,	44.1,	0.0);	(365167.8, 3764814.0,	43.9,	43.9,	0.0);
(365227.8, 3764814.0,	44.1,	44.1,	0.0);	(365247.8, 3764814.0,	44.8,	44.8,	0.0);
(365267.8, 3764814.0,	45.1,	45.1,	0.0);	(365287.8, 3764814.0,	45.0,	45.0,	0.0);
(365307.8, 3764814.0,	44.8,	44.8,	0.0);	(365327.8, 3764814.0,	44.4,	44.4,	0.0);
(365347.8, 3764814.0,	44.1,	44.1,	0.0);	(365367.8, 3764814.0,	43.8,	43.8,	0.0);
(365447.8, 3764814.0,	42.9,	42.9,	0.0);	(365467.8, 3764814.0,	42.7,	42.7,	0.0);
(364787.8, 3764834.0,	44.3,	44.3,	0.0);	(364807.8, 3764834.0,	43.8,	43.8,	0.0);
(364827.8, 3764834.0,	43.1,	43.1,	0.0);	(364847.8, 3764834.0,	42.7,	42.7,	0.0);
(364867.8, 3764834.0,	42.8,	42.8,	0.0);	(364927.8, 3764834.0,	43.6,	43.6,	0.0);
(364967.8, 3764834.0,	44.3,	44.3,	0.0);	(364985.5, 3764826.9,	44.2,	44.2,	0.0);
(365067.8, 3764834.0,	44.1,	44.1,	0.0);	(365087.8, 3764834.0,	44.3,	44.3,	0.0);
(365107.8, 3764834.0,	44.4,	44.4,	0.0);	(365127.8, 3764834.0,	44.3,	44.3,	0.0);
(365147.8, 3764834.0,	44.5,	44.5,	0.0);	(365167.8, 3764834.0,	44.3,	44.3,	0.0);
(365187.8, 3764834.0,	44.2,	44.2,	0.0);	(365247.8, 3764834.0,	44.8,	44.8,	0.0);
(365267.8, 3764834.0,	45.0,	45.0,	0.0);	(365287.8, 3764834.0,	44.9,	44.9,	0.0);
(365307.8, 3764834.0,	44.6,	44.6,	0.0);	(365327.8, 3764834.0,	44.2,	44.2,	0.0);
(365347.8, 3764834.0,	43.8,	43.8,	0.0);	(365367.8, 3764834.0,	43.5,	43.5,	0.0);
(365387.8, 3764834.0,	43.4,	43.4,	0.0);	(364767.8, 3764854.0,	44.4,	44.4,	0.0);
(364787.8, 3764854.0,	44.0,	44.0,	0.0);	(364807.8, 3764854.0,	43.5,	43.5,	0.0);
(364827.8, 3764854.0,	43.1,	43.1,	0.0);	(364847.8, 3764854.0,	42.9,	42.9,	0.0);
(364907.8, 3764854.0,	43.8,	43.8,	0.0);	(364927.8, 3764854.0,	44.2,	44.2,	0.0);
(364947.8, 3764854.0,	44.3,	44.3,	0.0);	(364985.5, 3764846.9,	44.3,	44.3,	0.0);
(365027.8, 3764854.0,	44.1,	44.1,	0.0);	(365087.8, 3764854.0,	44.2,	44.2,	0.0);
(365107.8, 3764854.0,	44.4,	44.4,	0.0);	(365167.8, 3764854.0,	44.6,	44.6,	0.0);
(365187.8, 3764854.0,	44.6,	44.6,	0.0);	(365207.8, 3764854.0,	44.6,	44.6,	0.0);
(365227.8, 3764854.0,	44.8,	44.8,	0.0);	(365287.8, 3764854.0,	44.5,	44.5,	0.0);
(365307.8, 3764854.0,	44.4,	44.4,	0.0);	(365327.8, 3764854.0,	43.8,	43.8,	0.0);
(365347.8, 3764854.0,	43.3,	43.3,	0.0);	(365367.8, 3764854.0,	43.1,	43.1,	0.0);
(365387.8, 3764854.0,	43.0,	43.0,	0.0);	(365407.8, 3764854.0,	43.1,	43.1,	0.0);
(365427.8, 3764854.0,	43.2,	43.2,	0.0);	(364747.8, 3764874.0,	44.4,	44.4,	0.0);

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***
 *** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/05/23
 *** 21:40:02

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

(364767.8, 3764874.0, 44.1, 44.1, 0.0);	(364787.8, 3764874.0, 43.8, 43.8, 0.0);
(364807.8, 3764874.0, 43.5, 43.5, 0.0);	(364827.8, 3764874.0, 43.2, 43.2, 0.0);
(364887.8, 3764874.0, 43.9, 43.9, 0.0);	(364907.8, 3764874.0, 44.3, 44.3, 0.0);
(364947.8, 3764874.0, 44.5, 44.5, 0.0);	(364967.8, 3764874.0, 44.5, 44.5, 0.0);
(365011.8, 3764867.7, 44.2, 44.2, 0.0);	(365060.3, 3764876.1, 44.2, 44.2, 0.0);
(365167.8, 3764874.0, 44.6, 44.6, 0.0);	(365187.8, 3764874.0, 44.5, 44.5, 0.0);
(365207.8, 3764874.0, 44.5, 44.5, 0.0);	(365227.8, 3764874.0, 44.7, 44.7, 0.0);
(365247.8, 3764874.0, 44.7, 44.7, 0.0);	(365307.8, 3764874.0, 43.9, 43.9, 0.0);
(365327.8, 3764874.0, 43.6, 43.6, 0.0);	(365347.8, 3764874.0, 43.2, 43.2, 0.0);
(365367.8, 3764874.0, 43.0, 43.0, 0.0);	(365387.8, 3764874.0, 42.9, 42.9, 0.0);
(365407.8, 3764874.0, 42.8, 42.8, 0.0);	(365427.8, 3764874.0, 42.8, 42.8, 0.0);
(364747.8, 3764894.0, 44.3, 44.3, 0.0);	(364767.8, 3764894.0, 43.4, 43.4, 0.0);
(364787.8, 3764894.0, 43.7, 43.7, 0.0);	(364807.8, 3764894.0, 43.7, 43.7, 0.0);
(364827.8, 3764894.0, 43.5, 43.5, 0.0);	(364887.8, 3764894.0, 44.5, 44.5, 0.0);
(364907.8, 3764894.0, 44.8, 44.8, 0.0);	(364927.8, 3764894.0, 44.8, 44.8, 0.0);
(364947.8, 3764894.0, 44.5, 44.5, 0.0);	(365007.8, 3764894.0, 44.4, 44.4, 0.0);
(365025.5, 3764901.5, 44.1, 44.1, 0.0);	(365047.8, 3764894.0, 44.3, 44.3, 0.0);
(365067.8, 3764894.0, 44.4, 44.4, 0.0);	(365087.8, 3764894.0, 44.3, 44.3, 0.0);
(365147.8, 3764894.0, 44.5, 44.5, 0.0);	(365167.8, 3764894.0, 44.6, 44.6, 0.0);
(365187.8, 3764894.0, 44.5, 44.5, 0.0);	(365207.8, 3764894.0, 44.4, 44.4, 0.0);
(365227.8, 3764894.0, 44.5, 44.5, 0.0);	(365247.8, 3764894.0, 44.5, 44.5, 0.0);
(365267.8, 3764894.0, 44.3, 44.3, 0.0);	(365347.8, 3764894.0, 43.1, 43.1, 0.0);
(365367.8, 3764894.0, 42.9, 42.9, 0.0);	(365387.8, 3764894.0, 42.9, 42.9, 0.0);
(365407.8, 3764894.0, 42.7, 42.7, 0.0);	(364727.8, 3764914.0, 44.4, 44.4, 0.0);
(364747.8, 3764914.0, 44.0, 44.0, 0.0);	(364767.8, 3764914.0, 43.5, 43.5, 0.0);
(364787.8, 3764914.0, 43.8, 43.8, 0.0);	(364807.8, 3764914.0, 43.8, 43.8, 0.0);
(364867.8, 3764914.0, 44.8, 44.8, 0.0);	(364887.8, 3764914.0, 45.0, 45.0, 0.0);
(364907.8, 3764914.0, 45.0, 45.0, 0.0);	(364927.8, 3764914.0, 44.7, 44.7, 0.0);
(364987.8, 3764914.0, 44.2, 44.2, 0.0);	(365007.8, 3764914.0, 44.2, 44.2, 0.0);
(365027.8, 3764914.0, 44.0, 44.0, 0.0);	(365047.8, 3764914.0, 44.2, 44.2, 0.0);
(365121.3, 3764918.1, 44.7, 44.7, 0.0);	(365187.8, 3764914.0, 44.6, 44.6, 0.0);
(365207.8, 3764914.0, 44.7, 44.7, 0.0);	(365227.8, 3764914.0, 44.4, 44.4, 0.0);
(365247.8, 3764914.0, 44.0, 44.0, 0.0);	(365267.8, 3764914.0, 43.9, 43.9, 0.0);
(365287.8, 3764914.0, 43.8, 43.8, 0.0);	(365307.8, 3764914.0, 43.2, 43.2, 0.0);
(365367.8, 3764914.0, 42.9, 42.9, 0.0);	(365387.8, 3764914.0, 43.0, 43.0, 0.0);
(364727.8, 3764934.0, 44.3, 44.3, 0.0);	(364747.8, 3764934.0, 43.8, 43.8, 0.0);
(364767.8, 3764934.0, 43.7, 43.7, 0.0);	(364787.8, 3764934.0, 43.9, 43.9, 0.0);
(364847.8, 3764934.0, 45.0, 45.0, 0.0);	(364867.8, 3764934.0, 45.3, 45.3, 0.0);
(364887.8, 3764934.0, 45.2, 45.2, 0.0);	(364907.8, 3764934.0, 45.0, 45.0, 0.0);
(364987.8, 3764934.0, 44.0, 44.0, 0.0);	(365007.8, 3764934.0, 44.0, 44.0, 0.0);
(365027.8, 3764934.0, 44.0, 44.0, 0.0);	(365047.8, 3764934.0, 44.3, 44.3, 0.0);
(365107.8, 3764934.0, 44.9, 44.9, 0.0);	(365127.8, 3764934.0, 45.0, 45.0, 0.0);
(365147.8, 3764934.0, 44.9, 44.9, 0.0);	(365207.8, 3764934.0, 44.7, 44.7, 0.0);
(365227.8, 3764934.0, 44.6, 44.6, 0.0);	(365247.8, 3764934.0, 44.3, 44.3, 0.0);
(365267.8, 3764934.0, 44.1, 44.1, 0.0);	(365287.8, 3764934.0, 43.8, 43.8, 0.0);

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***
 *** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/05/23
 *** 21:40:02

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

(365307.8, 3764934.0, 43.2, 43.2, 0.0);	(365327.8, 3764934.0, 43.2, 43.2, 0.0);
(364707.8, 3764954.0, 44.6, 44.6, 0.0);	(364727.8, 3764954.0, 44.2, 44.2, 0.0);
(364747.8, 3764954.0, 43.8, 43.8, 0.0);	(364767.8, 3764954.0, 44.0, 44.0, 0.0);
(364787.8, 3764954.0, 44.3, 44.3, 0.0);	(364847.8, 3764954.0, 45.7, 45.7, 0.0);
(364867.8, 3764954.0, 45.6, 45.6, 0.0);	(364887.8, 3764954.0, 45.3, 45.3, 0.0);
(364907.8, 3764954.0, 44.9, 44.9, 0.0);	(364967.8, 3764954.0, 44.0, 44.0, 0.0);
(364987.8, 3764954.0, 43.8, 43.8, 0.0);	(365027.8, 3764954.0, 44.3, 44.3, 0.0);
(365087.8, 3764954.0, 45.0, 45.0, 0.0);	(365107.8, 3764954.0, 45.3, 45.3, 0.0);
(365127.8, 3764954.0, 45.4, 45.4, 0.0);	(365147.8, 3764954.0, 45.3, 45.3, 0.0);
(365167.8, 3764954.0, 45.1, 45.1, 0.0);	(365247.8, 3764954.0, 44.6, 44.6, 0.0);
(365267.8, 3764954.0, 44.4, 44.4, 0.0);	(365287.8, 3764954.0, 44.1, 44.1, 0.0);
(365307.8, 3764954.0, 43.4, 43.4, 0.0);	(365327.8, 3764954.0, 43.3, 43.3, 0.0);
(365347.8, 3764954.0, 43.3, 43.3, 0.0);	(365367.8, 3764954.0, 43.2, 43.2, 0.0);
(364687.8, 3764974.0, 44.8, 44.8, 0.0);	(364707.8, 3764974.0, 44.5, 44.5, 0.0);
(364727.8, 3764974.0, 44.3, 44.3, 0.0);	(364747.8, 3764974.0, 44.3, 44.3, 0.0);
(364767.8, 3764974.0, 44.6, 44.6, 0.0);	(364827.8, 3764974.0, 45.6, 45.6, 0.0);
(364847.8, 3764974.0, 45.9, 45.9, 0.0);	(364867.8, 3764974.0, 45.7, 45.7, 0.0);
(364887.8, 3764974.0, 45.2, 45.2, 0.0);	(364907.8, 3764974.0, 44.7, 44.7, 0.0);
(364947.8, 3764974.0, 43.8, 43.8, 0.0);	(364967.8, 3764974.0, 43.7, 43.7, 0.0);
(365007.8, 3764974.0, 44.1, 44.1, 0.0);	(365027.8, 3764974.0, 44.5, 44.5, 0.0);
(365067.8, 3764974.0, 45.0, 45.0, 0.0);	(365087.8, 3764974.0, 45.4, 45.4, 0.0);
(365107.8, 3764974.0, 45.6, 45.6, 0.0);	(365127.8, 3764974.0, 45.9, 45.9, 0.0);
(365147.8, 3764974.0, 45.4, 45.4, 0.0);	(365167.8, 3764974.0, 45.0, 45.0, 0.0);
(365267.8, 3764974.0, 44.8, 44.8, 0.0);	(365287.8, 3764974.0, 44.8, 44.8, 0.0);
(365307.8, 3764974.0, 44.2, 44.2, 0.0);	(365327.8, 3764974.0, 43.7, 43.7, 0.0);
(365347.8, 3764974.0, 43.5, 43.5, 0.0);	(364667.8, 3764994.0, 44.8, 44.8, 0.0);
(364687.8, 3764994.0, 44.7, 44.7, 0.0);	(364707.8, 3764994.0, 44.5, 44.5, 0.0);
(364727.8, 3764994.0, 44.6, 44.6, 0.0);	(364747.8, 3764994.0, 44.9, 44.9, 0.0);
(364807.8, 3764994.0, 45.7, 45.7, 0.0);	(364827.8, 3764994.0, 45.9, 45.9, 0.0);
(364847.8, 3764994.0, 46.0, 46.0, 0.0);	(364867.8, 3764994.0, 45.6, 45.6, 0.0);
(364887.8, 3764994.0, 45.1, 45.1, 0.0);	(364927.8, 3764994.0, 44.0, 44.0, 0.0);
(364947.8, 3764994.0, 43.7, 43.7, 0.0);	(364987.8, 3764994.0, 43.9, 43.9, 0.0);
(365007.8, 3764994.0, 44.3, 44.3, 0.0);	(365067.8, 3764994.0, 45.4, 45.4, 0.0);
(365087.8, 3764994.0, 45.7, 45.7, 0.0);	(365107.8, 3764994.0, 45.8, 45.8, 0.0);
(365127.8, 3764994.0, 45.9, 45.9, 0.0);	(365147.8, 3764994.0, 45.3, 45.3, 0.0);
(365307.8, 3764994.0, 44.7, 44.7, 0.0);	(365327.8, 3764994.0, 44.3, 44.3, 0.0);
(365347.8, 3764994.0, 44.1, 44.1, 0.0);	(364667.8, 3765014.0, 44.9, 44.9, 0.0);
(364687.8, 3765014.0, 44.7, 44.7, 0.0);	(364707.8, 3765014.0, 44.8, 44.8, 0.0);
(364727.8, 3765014.0, 45.1, 45.1, 0.0);	(364787.8, 3765014.0, 46.0, 46.0, 0.0);
(364807.8, 3765014.0, 46.1, 46.1, 0.0);	(364827.8, 3765014.0, 46.1, 46.1, 0.0);
(364847.8, 3765014.0, 45.9, 45.9, 0.0);	(364867.8, 3765014.0, 45.4, 45.4, 0.0);
(364927.8, 3765014.0, 43.9, 43.9, 0.0);	(364947.8, 3765014.0, 43.7, 43.7, 0.0);
(364987.8, 3765014.0, 44.2, 44.2, 0.0);	(365007.8, 3765014.0, 44.6, 44.6, 0.0);
(365047.8, 3765014.0, 45.3, 45.3, 0.0);	(365067.8, 3765014.0, 45.8, 45.8, 0.0);
(365089.2, 3765022.2, 46.0, 46.0, 0.0);	(365107.8, 3765014.0, 45.9, 45.9, 0.0);

*** AERMOD - VERSION 21112 *** ** SMM-08 (Phase 1) Construction HRA
*** AERMET - VERSION 16216 *** ** Santa Monica
*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

*** 02/05/23
*** 21:40:02

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

(365127.8, 3765014.0, 45.7, 45.7, 0.0);	(365177.2, 3765021.6, 45.3, 45.3, 0.0);
(365327.8, 3765014.0, 44.9, 44.9, 0.0);	(364647.8, 3765034.0, 45.1, 45.1, 0.0);
(364667.8, 3765034.0, 45.0, 45.0, 0.0);	(364687.8, 3765034.0, 44.9, 44.9, 0.0);
(364707.8, 3765034.0, 45.1, 45.1, 0.0);	(364727.8, 3765034.0, 45.5, 45.5, 0.0);
(364787.8, 3765034.0, 46.3, 46.3, 0.0);	(364807.8, 3765034.0, 46.3, 46.3, 0.0);
(364827.8, 3765034.0, 46.1, 46.1, 0.0);	(364847.8, 3765034.0, 45.8, 45.8, 0.0);
(364907.8, 3765034.0, 44.4, 44.4, 0.0);	(364927.8, 3765034.0, 44.0, 44.0, 0.0);
(364967.8, 3765034.0, 44.4, 44.4, 0.0);	(364987.8, 3765034.0, 44.7, 44.7, 0.0);
(365040.3, 3765045.5, 45.4, 45.4, 0.0);	(365047.8, 3765034.0, 45.4, 45.4, 0.0);
(365081.8, 3765036.7, 46.1, 46.1, 0.0);	(365102.7, 3765037.1, 45.8, 45.8, 0.0);
(365115.9, 3765028.2, 45.6, 45.6, 0.0);	(365167.8, 3765034.0, 45.3, 45.3, 0.0);
(364667.8, 3765054.0, 45.3, 45.3, 0.0);	(364687.8, 3765054.0, 45.3, 45.3, 0.0);
(364707.8, 3765054.0, 45.6, 45.6, 0.0);	(364767.8, 3765054.0, 46.6, 46.6, 0.0);
(364787.8, 3765054.0, 46.6, 46.6, 0.0);	(364807.8, 3765054.0, 46.4, 46.4, 0.0);
(364827.8, 3765054.0, 46.0, 46.0, 0.0);	(364847.8, 3765054.0, 45.5, 45.5, 0.0);
(364887.8, 3765054.0, 44.7, 44.7, 0.0);	(364907.8, 3765054.0, 44.5, 44.5, 0.0);
(364947.8, 3765054.0, 44.5, 44.5, 0.0);	(364967.8, 3765054.0, 44.9, 44.9, 0.0);
(365027.8, 3765054.0, 45.5, 45.5, 0.0);	(365073.5, 3765062.5, 46.0, 46.0, 0.0);
(365090.6, 3765063.1, 45.8, 45.8, 0.0);	(365097.1, 3765048.7, 45.8, 45.8, 0.0);
(365147.8, 3765054.0, 45.3, 45.3, 0.0);	(365164.4, 3765046.0, 45.3, 45.3, 0.0);
(365207.8, 3765054.0, 45.1, 45.1, 0.0);	(365227.8, 3765054.0, 45.1, 45.1, 0.0);
(365287.8, 3765054.0, 45.3, 45.3, 0.0);	(365307.8, 3765054.0, 45.7, 45.7, 0.0);
(365327.8, 3765054.0, 45.6, 45.6, 0.0);	(364607.8, 3765074.0, 45.7, 45.7, 0.0);
(364627.8, 3765074.0, 45.7, 45.7, 0.0);	(364687.8, 3765074.0, 45.9, 45.9, 0.0);
(364747.8, 3765074.0, 46.9, 46.9, 0.0);	(364767.8, 3765074.0, 46.9, 46.9, 0.0);
(364787.8, 3765074.0, 46.6, 46.6, 0.0);	(364807.8, 3765074.0, 46.3, 46.3, 0.0);
(364827.8, 3765074.0, 45.9, 45.9, 0.0);	(364867.8, 3765074.0, 45.0, 45.0, 0.0);
(364887.8, 3765074.0, 44.8, 44.8, 0.0);	(364907.8, 3765074.0, 44.7, 44.7, 0.0);
(364927.8, 3765074.0, 44.8, 44.8, 0.0);	(364947.8, 3765074.0, 45.1, 45.1, 0.0);
(365007.8, 3765074.0, 45.8, 45.8, 0.0);	(365021.8, 3765063.6, 45.6, 45.6, 0.0);
(365082.6, 3765075.8, 45.9, 45.9, 0.0);	(365146.5, 3765067.2, 45.4, 45.4, 0.0);
(365135.7, 3765077.5, 45.5, 45.5, 0.0);	(365207.8, 3765074.0, 45.1, 45.1, 0.0);
(365227.8, 3765074.0, 45.1, 45.1, 0.0);	(365267.8, 3765074.0, 45.2, 45.2, 0.0);
(365287.8, 3765074.0, 45.6, 45.6, 0.0);	(365307.8, 3765074.0, 46.0, 46.0, 0.0);
(365327.8, 3765074.0, 46.0, 46.0, 0.0);	(365347.8, 3765074.0, 45.8, 45.8, 0.0);
(364607.8, 3765094.0, 45.9, 45.9, 0.0);	(364627.8, 3765094.0, 46.2, 46.2, 0.0);
(364647.8, 3765094.0, 46.3, 46.3, 0.0);	(364727.8, 3765094.0, 46.9, 46.9, 0.0);
(364747.8, 3765094.0, 47.3, 47.3, 0.0);	(364767.8, 3765094.0, 47.0, 47.0, 0.0);
(364787.8, 3765094.0, 46.6, 46.6, 0.0);	(364807.8, 3765094.0, 46.2, 46.2, 0.0);
(364867.8, 3765094.0, 45.2, 45.2, 0.0);	(364887.8, 3765094.0, 45.1, 45.1, 0.0);
(364927.8, 3765094.0, 45.4, 45.4, 0.0);	(364947.8, 3765094.0, 45.8, 45.8, 0.0);
(364991.2, 3765100.9, 46.5, 46.5, 0.0);	(365007.8, 3765094.0, 46.4, 46.4, 0.0);
(365130.0, 3765090.1, 45.6, 45.6, 0.0);	(365123.9, 3765104.3, 45.8, 45.8, 0.0);
(365192.8, 3765102.6, 45.3, 45.3, 0.0);	(365207.8, 3765094.0, 45.1, 45.1, 0.0);
(365267.8, 3765094.0, 45.6, 45.6, 0.0);	(365287.8, 3765094.0, 46.1, 46.1, 0.0);

*** AERMOD - VERSION 21112 *** ** SMM-08 (Phase 1) Construction HRA
*** AERMET - VERSION 16216 *** ** Santa Monica
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

*** 02/05/23
*** 21:40:02

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

(365307.8, 3765094.0,	46.6,	46.6,	0.0);	(365327.8, 3765094.0,	46.4,	46.4,	0.0);
(364587.8, 3765114.0,	46.0,	46.0,	0.0);	(364607.8, 3765114.0,	46.2,	46.2,	0.0);
(364627.8, 3765114.0,	46.5,	46.5,	0.0);	(364647.8, 3765114.0,	46.8,	46.8,	0.0);
(364667.8, 3765114.0,	47.0,	47.0,	0.0);	(364747.8, 3765114.0,	47.5,	47.5,	0.0);
(364767.8, 3765114.0,	47.0,	47.0,	0.0);	(364787.8, 3765114.0,	46.5,	46.5,	0.0);
(364807.8, 3765114.0,	46.0,	46.0,	0.0);	(364847.8, 3765114.0,	45.5,	45.5,	0.0);
(364867.8, 3765114.0,	45.5,	45.5,	0.0);	(364907.8, 3765114.0,	45.7,	45.7,	0.0);
(364927.8, 3765114.0,	46.1,	46.1,	0.0);	(364987.8, 3765114.0,	46.8,	46.8,	0.0);
(364974.2, 3765124.8,	47.0,	47.0,	0.0);	(365167.8, 3765114.0,	45.4,	45.4,	0.0);
(365187.8, 3765114.0,	45.4,	45.4,	0.0);	(365247.8, 3765114.0,	45.6,	45.6,	0.0);
(365267.8, 3765114.0,	46.1,	46.1,	0.0);	(365287.8, 3765114.0,	46.8,	46.8,	0.0);
(365307.8, 3765114.0,	47.2,	47.2,	0.0);	(365327.8, 3765114.0,	46.9,	46.9,	0.0);
(364587.8, 3765134.0,	46.1,	46.1,	0.0);	(364607.8, 3765134.0,	46.4,	46.4,	0.0);
(364627.8, 3765134.0,	46.7,	46.7,	0.0);	(364647.8, 3765134.0,	47.1,	47.1,	0.0);
(364707.8, 3765134.0,	47.7,	47.7,	0.0);	(364787.8, 3765134.0,	46.5,	46.5,	0.0);
(364847.8, 3765134.0,	45.8,	45.8,	0.0);	(364867.8, 3765134.0,	45.8,	45.8,	0.0);
(364887.8, 3765134.0,	46.0,	46.0,	0.0);	(364907.8, 3765134.0,	46.4,	46.4,	0.0);
(364967.8, 3765134.0,	47.1,	47.1,	0.0);	(365173.2, 3765141.7,	45.5,	45.5,	0.0);
(365183.3, 3765128.9,	45.5,	45.5,	0.0);	(365227.8, 3765134.0,	45.8,	45.8,	0.0);
(365247.8, 3765134.0,	46.1,	46.1,	0.0);	(365287.8, 3765134.0,	47.7,	47.7,	0.0);
(365307.8, 3765134.0,	47.8,	47.8,	0.0);	(365327.8, 3765134.0,	47.4,	47.4,	0.0);
(364587.8, 3765154.0,	46.4,	46.4,	0.0);	(364607.8, 3765154.0,	46.6,	46.6,	0.0);
(364627.8, 3765154.0,	47.0,	47.0,	0.0);	(364647.8, 3765154.0,	47.4,	47.4,	0.0);
(364687.8, 3765154.0,	48.0,	48.0,	0.0);	(364707.8, 3765154.0,	48.0,	48.0,	0.0);
(364727.8, 3765154.0,	47.8,	47.8,	0.0);	(364747.8, 3765154.0,	47.4,	47.4,	0.0);
(364827.8, 3765154.0,	46.2,	46.2,	0.0);	(364847.8, 3765154.0,	46.3,	46.3,	0.0);
(364887.8, 3765154.0,	46.7,	46.7,	0.0);	(364907.8, 3765154.0,	47.0,	47.0,	0.0);
(364948.8, 3765161.6,	47.5,	47.5,	0.0);	(364970.0, 3765159.7,	47.6,	47.6,	0.0);
(365152.9, 3765164.4,	45.7,	45.7,	0.0);	(365167.8, 3765154.0,	45.5,	45.5,	0.0);
(365227.8, 3765154.0,	46.3,	46.3,	0.0);	(365247.8, 3765154.0,	46.9,	46.9,	0.0);
(365287.8, 3765154.0,	47.8,	47.8,	0.0);	(365307.8, 3765154.0,	47.9,	47.9,	0.0);
(365347.8, 3765154.0,	47.5,	47.5,	0.0);	(365367.8, 3765154.0,	47.4,	47.4,	0.0);
(364587.8, 3765174.0,	46.6,	46.6,	0.0);	(364607.8, 3765174.0,	46.9,	46.9,	0.0);
(364627.8, 3765174.0,	47.3,	47.3,	0.0);	(364667.8, 3765174.0,	47.9,	47.9,	0.0);
(364687.8, 3765174.0,	48.3,	48.3,	0.0);	(364707.8, 3765174.0,	48.2,	48.2,	0.0);
(364727.8, 3765174.0,	47.7,	47.7,	0.0);	(364747.8, 3765174.0,	47.5,	47.5,	0.0);
(364767.8, 3765174.0,	47.2,	47.2,	0.0);	(364827.8, 3765174.0,	46.6,	46.6,	0.0);
(364847.8, 3765174.0,	46.9,	46.9,	0.0);	(364867.8, 3765174.0,	47.2,	47.2,	0.0);
(364887.8, 3765174.0,	47.4,	47.4,	0.0);	(364941.2, 3765177.7,	47.7,	47.7,	0.0);
(364967.8, 3765174.0,	47.8,	47.8,	0.0);	(365127.8, 3765174.0,	46.0,	46.0,	0.0);
(365147.8, 3765174.0,	45.8,	45.8,	0.0);	(365207.8, 3765174.0,	46.6,	46.6,	0.0);
(365227.8, 3765174.0,	46.9,	46.9,	0.0);	(365247.8, 3765174.0,	47.5,	47.5,	0.0);
(365267.8, 3765174.0,	48.0,	48.0,	0.0);	(365287.8, 3765174.0,	48.2,	48.2,	0.0);
(365307.8, 3765174.0,	48.1,	48.1,	0.0);	(365347.8, 3765174.0,	47.9,	47.9,	0.0);
(365367.8, 3765174.0,	47.7,	47.7,	0.0);	(364587.8, 3765194.0,	46.9,	46.9,	0.0);

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 1) Construction HRA   ***   02/05/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   ***   21:40:02
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

(364607.8, 3765194.0, 47.3, 47.3, 0.0);	(364667.8, 3765194.0, 48.2, 48.2, 0.0);
(364687.8, 3765194.0, 48.4, 48.4, 0.0);	(364707.8, 3765194.0, 48.2, 48.2, 0.0);
(364727.8, 3765194.0, 47.8, 47.8, 0.0);	(364747.8, 3765194.0, 47.6, 47.6, 0.0);
(364787.8, 3765194.0, 47.0, 47.0, 0.0);	(364807.8, 3765194.0, 47.2, 47.2, 0.0);
(364847.8, 3765194.0, 47.2, 47.2, 0.0);	(364867.8, 3765194.0, 47.6, 47.6, 0.0);
(364927.8, 3765194.0, 47.6, 47.6, 0.0);	(364955.3, 3765151.4, 47.3, 47.3, 0.0);
(365125.7, 3765201.3, 46.2, 46.2, 0.0);	(365147.8, 3765194.0, 46.1, 46.1, 0.0);
(365187.8, 3765194.0, 46.7, 46.7, 0.0);	(365207.8, 3765194.0, 47.2, 47.2, 0.0);
(365247.8, 3765194.0, 47.9, 47.9, 0.0);	(365267.8, 3765194.0, 48.3, 48.3, 0.0);
(365287.8, 3765194.0, 48.8, 48.8, 0.0);	(365327.8, 3765194.0, 48.3, 48.3, 0.0);
(365347.8, 3765194.0, 48.1, 48.1, 0.0);	(365367.8, 3765194.0, 47.7, 47.7, 0.0);
(365387.8, 3765194.0, 47.3, 47.3, 0.0);	(365407.8, 3765194.0, 47.3, 47.3, 0.0);
(364587.8, 3765214.0, 47.4, 47.4, 0.0);	(364647.8, 3765214.0, 48.2, 48.2, 0.0);
(364667.8, 3765214.0, 48.5, 48.5, 0.0);	(364687.8, 3765214.0, 48.5, 48.5, 0.0);
(364707.8, 3765214.0, 48.2, 48.2, 0.0);	(364727.8, 3765214.0, 47.8, 47.8, 0.0);
(364787.8, 3765214.0, 47.4, 47.4, 0.0);	(364807.8, 3765214.0, 47.8, 47.8, 0.0);
(364827.8, 3765214.0, 48.0, 48.0, 0.0);	(364907.8, 3765214.0, 47.6, 47.6, 0.0);
(364917.3, 3765219.7, 47.6, 47.6, 0.0);	(365118.9, 3765212.8, 46.4, 46.4, 0.0);
(365187.8, 3765214.0, 47.2, 47.2, 0.0);	(365207.8, 3765214.0, 47.8, 47.8, 0.0);
(365247.8, 3765214.0, 48.6, 48.6, 0.0);	(365267.8, 3765214.0, 48.8, 48.8, 0.0);
(365307.8, 3765214.0, 48.9, 48.9, 0.0);	(365327.8, 3765214.0, 48.5, 48.5, 0.0);
(365347.8, 3765214.0, 48.1, 48.1, 0.0);	(365387.8, 3765214.0, 47.5, 47.5, 0.0);
(365407.8, 3765214.0, 47.5, 47.5, 0.0);	(365427.8, 3765214.0, 47.3, 47.3, 0.0);
(364587.8, 3765234.0, 47.8, 47.8, 0.0);	(364627.8, 3765234.0, 48.2, 48.2, 0.0);
(364647.8, 3765234.0, 48.5, 48.5, 0.0);	(364667.8, 3765234.0, 48.7, 48.7, 0.0);
(364687.8, 3765234.0, 48.7, 48.7, 0.0);	(364707.8, 3765234.0, 48.4, 48.4, 0.0);
(364727.8, 3765234.0, 47.8, 47.8, 0.0);	(364767.8, 3765234.0, 47.7, 47.7, 0.0);
(364787.8, 3765234.0, 47.9, 47.9, 0.0);	(364807.8, 3765234.0, 48.3, 48.3, 0.0);
(364827.8, 3765234.0, 48.8, 48.8, 0.0);	(364847.8, 3765234.0, 49.0, 49.0, 0.0);
(364927.8, 3765234.0, 47.6, 47.6, 0.0);	(365106.3, 3765240.5, 47.0, 47.0, 0.0);
(365111.2, 3765225.1, 46.7, 46.7, 0.0);	(365167.8, 3765234.0, 47.1, 47.1, 0.0);
(365187.8, 3765234.0, 47.8, 47.8, 0.0);	(365227.8, 3765234.0, 48.9, 48.9, 0.0);
(365247.8, 3765234.0, 49.1, 49.1, 0.0);	(365267.8, 3765234.0, 49.2, 49.2, 0.0);
(365307.8, 3765234.0, 49.3, 49.3, 0.0);	(365327.8, 3765234.0, 48.7, 48.7, 0.0);
(365367.8, 3765234.0, 47.7, 47.7, 0.0);	(365387.8, 3765234.0, 47.8, 47.8, 0.0);
(365407.8, 3765234.0, 47.7, 47.7, 0.0);	(365427.8, 3765234.0, 47.5, 47.5, 0.0);
(365447.8, 3765234.0, 47.3, 47.3, 0.0);	(365507.8, 3765234.0, 47.6, 47.6, 0.0);
(364627.8, 3765254.0, 48.7, 48.7, 0.0);	(364647.8, 3765254.0, 49.0, 49.0, 0.0);
(364667.8, 3765254.0, 49.2, 49.2, 0.0);	(364687.8, 3765254.0, 49.2, 49.2, 0.0);
(364707.8, 3765254.0, 48.8, 48.8, 0.0);	(364747.8, 3765254.0, 48.1, 48.1, 0.0);
(364767.8, 3765254.0, 48.2, 48.2, 0.0);	(364787.8, 3765254.0, 48.4, 48.4, 0.0);
(364807.8, 3765254.0, 48.9, 48.9, 0.0);	(364827.8, 3765254.0, 49.2, 49.2, 0.0);
(364887.8, 3765254.0, 48.2, 48.2, 0.0);	(365096.1, 3765254.0, 47.2, 47.2, 0.0);
(365147.8, 3765254.0, 47.2, 47.2, 0.0);	(365167.8, 3765254.0, 47.6, 47.6, 0.0);
(365207.8, 3765254.0, 49.3, 49.3, 0.0);	(365227.8, 3765254.0, 49.5, 49.5, 0.0);

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 1) Construction HRA   ***   02/05/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   ***   21:40:02
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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(365247.8, 3765254.0, 49.5, 49.5, 0.0);	(365287.8, 3765254.0, 49.7, 49.7, 0.0);
(365307.8, 3765254.0, 49.6, 49.6, 0.0);	(365327.8, 3765254.0, 48.7, 48.7, 0.0);
(365347.8, 3765254.0, 48.1, 48.1, 0.0);	(365367.8, 3765254.0, 48.0, 48.0, 0.0);
(365387.8, 3765254.0, 48.0, 48.0, 0.0);	(365407.8, 3765254.0, 47.9, 47.9, 0.0);
(365427.8, 3765254.0, 47.6, 47.6, 0.0);	(365447.8, 3765254.0, 47.3, 47.3, 0.0);
(365487.8, 3765254.0, 48.0, 48.0, 0.0);	(364607.8, 3765274.0, 48.8, 48.8, 0.0);
(364627.8, 3765274.0, 49.1, 49.1, 0.0);	(364647.8, 3765274.0, 49.4, 49.4, 0.0);
(364667.8, 3765274.0, 49.6, 49.6, 0.0);	(364687.8, 3765274.0, 49.5, 49.5, 0.0);
(364727.8, 3765274.0, 48.8, 48.8, 0.0);	(364747.8, 3765274.0, 48.7, 48.7, 0.0);
(364767.8, 3765274.0, 48.8, 48.8, 0.0);	(364787.8, 3765274.0, 49.0, 49.0, 0.0);
(364807.8, 3765274.0, 49.3, 49.3, 0.0);	(364827.8, 3765274.0, 49.6, 49.6, 0.0);
(364867.8, 3765274.0, 48.9, 48.9, 0.0);	(364887.8, 3765274.0, 48.4, 48.4, 0.0);
(364907.8, 3765274.0, 47.7, 47.7, 0.0);	(364927.8, 3765274.0, 47.5, 47.5, 0.0);
(365089.6, 3765267.3, 47.4, 47.4, 0.0);	(365127.8, 3765274.0, 47.7, 47.7, 0.0);
(365147.8, 3765274.0, 47.9, 47.9, 0.0);	(365167.8, 3765274.0, 48.2, 48.2, 0.0);
(365187.8, 3765274.0, 48.8, 48.8, 0.0);	(365207.8, 3765274.0, 49.6, 49.6, 0.0);
(365227.8, 3765274.0, 49.7, 49.7, 0.0);	(365267.8, 3765274.0, 50.1, 50.1, 0.0);
(365287.8, 3765274.0, 50.3, 50.3, 0.0);	(365307.8, 3765274.0, 49.2, 49.2, 0.0);
(365327.8, 3765274.0, 48.7, 48.7, 0.0);	(365347.8, 3765274.0, 48.5, 48.5, 0.0);
(365367.8, 3765274.0, 48.4, 48.4, 0.0);	(365387.8, 3765274.0, 47.9, 47.9, 0.0);
(365407.8, 3765274.0, 47.9, 47.9, 0.0);	(365427.8, 3765274.0, 47.7, 47.7, 0.0);
(365447.8, 3765274.0, 47.8, 47.8, 0.0);	(365467.8, 3765274.0, 48.3, 48.3, 0.0);
(364587.8, 3765294.0, 48.7, 48.7, 0.0);	(364607.8, 3765294.0, 49.1, 49.1, 0.0);
(364627.8, 3765294.0, 49.5, 49.5, 0.0);	(364647.8, 3765294.0, 49.9, 49.9, 0.0);
(364667.8, 3765294.0, 50.2, 50.2, 0.0);	(364687.8, 3765294.0, 49.8, 49.8, 0.0);
(364727.8, 3765294.0, 49.6, 49.6, 0.0);	(364747.8, 3765294.0, 49.4, 49.4, 0.0);
(364767.8, 3765294.0, 49.4, 49.4, 0.0);	(364787.8, 3765294.0, 49.6, 49.6, 0.0);
(364807.8, 3765294.0, 49.7, 49.7, 0.0);	(364867.8, 3765294.0, 49.1, 49.1, 0.0);
(364887.8, 3765294.0, 48.4, 48.4, 0.0);	(364907.8, 3765294.0, 47.8, 47.8, 0.0);
(364927.8, 3765294.0, 47.7, 47.7, 0.0);	(364947.8, 3765294.0, 47.4, 47.4, 0.0);
(365049.1, 3765286.1, 47.8, 47.8, 0.0);	(365058.7, 3765297.1, 47.9, 47.9, 0.0);
(365127.8, 3765294.0, 48.4, 48.4, 0.0);	(365147.8, 3765294.0, 48.6, 48.6, 0.0);
(365167.8, 3765294.0, 48.8, 48.8, 0.0);	(365187.8, 3765294.0, 49.4, 49.4, 0.0);
(365207.8, 3765294.0, 49.9, 49.9, 0.0);	(365227.8, 3765294.0, 49.9, 49.9, 0.0);
(365267.8, 3765294.0, 50.6, 50.6, 0.0);	(365287.8, 3765294.0, 50.7, 50.7, 0.0);
(365307.8, 3765294.0, 49.0, 49.0, 0.0);	(365327.8, 3765294.0, 48.7, 48.7, 0.0);
(365387.8, 3765294.0, 48.0, 48.0, 0.0);	(365407.8, 3765294.0, 48.0, 48.0, 0.0);
(365427.8, 3765294.0, 48.0, 48.0, 0.0);	(365447.8, 3765294.0, 48.3, 48.3, 0.0);
(365467.8, 3765294.0, 48.9, 48.9, 0.0);	(364587.8, 3765314.0, 49.0, 49.0, 0.0);
(364607.8, 3765314.0, 49.2, 49.2, 0.0);	(364627.8, 3765314.0, 49.6, 49.6, 0.0);
(364647.8, 3765314.0, 50.2, 50.2, 0.0);	(364667.8, 3765314.0, 50.4, 50.4, 0.0);
(364707.8, 3765314.0, 50.3, 50.3, 0.0);	(364727.8, 3765314.0, 50.3, 50.3, 0.0);
(364747.8, 3765314.0, 50.1, 50.1, 0.0);	(364767.8, 3765314.0, 50.2, 50.2, 0.0);
(364787.8, 3765314.0, 50.2, 50.2, 0.0);	(364847.8, 3765314.0, 49.7, 49.7, 0.0);
(364867.8, 3765314.0, 49.0, 49.0, 0.0);	(364887.8, 3765314.0, 48.3, 48.3, 0.0);

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/05/23
*** 21:40:02

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

(364907.8, 3765314.0,	47.9,	47.9,	0.0);	(364927.8, 3765314.0,	47.7,	47.7,	0.0);
(364967.8, 3765314.0,	47.4,	47.4,	0.0);	(364987.8, 3765314.0,	47.4,	47.4,	0.0);
(365007.8, 3765314.0,	47.5,	47.5,	0.0);	(365071.8, 3765307.5,	47.9,	47.9,	0.0);
(365107.8, 3765314.0,	48.6,	48.6,	0.0);	(365127.8, 3765314.0,	49.0,	49.0,	0.0);
(365147.8, 3765314.0,	49.2,	49.2,	0.0);	(365167.8, 3765314.0,	49.5,	49.5,	0.0);
(365187.8, 3765314.0,	49.9,	49.9,	0.0);	(365207.8, 3765314.0,	50.2,	50.2,	0.0);
(365247.8, 3765314.0,	50.6,	50.6,	0.0);	(365267.8, 3765314.0,	50.7,	50.7,	0.0);
(365287.8, 3765314.0,	50.6,	50.6,	0.0);	(365307.8, 3765314.0,	49.1,	49.1,	0.0);
(365327.8, 3765314.0,	48.7,	48.7,	0.0);	(365347.8, 3765314.0,	48.7,	48.7,	0.0);
(365427.8, 3765314.0,	48.5,	48.5,	0.0);	(365447.8, 3765314.0,	48.9,	48.9,	0.0);
(364587.8, 3765334.0,	49.2,	49.2,	0.0);	(364607.8, 3765334.0,	49.4,	49.4,	0.0);
(364627.8, 3765334.0,	49.8,	49.8,	0.0);	(364647.8, 3765334.0,	50.4,	50.4,	0.0);
(364687.8, 3765334.0,	50.9,	50.9,	0.0);	(364707.8, 3765334.0,	51.0,	51.0,	0.0);
(364727.8, 3765334.0,	50.9,	50.9,	0.0);	(364747.8, 3765334.0,	50.7,	50.7,	0.0);
(364767.8, 3765334.0,	50.8,	50.8,	0.0);	(364787.8, 3765334.0,	50.6,	50.6,	0.0);
(364827.8, 3765334.0,	50.2,	50.2,	0.0);	(364847.8, 3765334.0,	49.7,	49.7,	0.0);
(364867.8, 3765334.0,	49.0,	49.0,	0.0);	(364887.8, 3765334.0,	48.4,	48.4,	0.0);
(364907.8, 3765334.0,	48.0,	48.0,	0.0);	(364927.8, 3765334.0,	47.7,	47.7,	0.0);
(364947.8, 3765334.0,	47.5,	47.5,	0.0);	(364967.8, 3765334.0,	47.6,	47.6,	0.0);
(364987.8, 3765334.0,	47.7,	47.7,	0.0);	(365007.8, 3765334.0,	47.8,	47.8,	0.0);
(365027.8, 3765334.0,	47.9,	47.9,	0.0);	(365107.8, 3765334.0,	49.0,	49.0,	0.0);
(365127.8, 3765334.0,	49.5,	49.5,	0.0);	(365147.8, 3765334.0,	49.8,	49.8,	0.0);
(365167.8, 3765334.0,	50.1,	50.1,	0.0);	(365187.8, 3765334.0,	50.3,	50.3,	0.0);
(365227.8, 3765334.0,	50.4,	50.4,	0.0);	(365247.8, 3765334.0,	50.4,	50.4,	0.0);
(365267.8, 3765334.0,	50.3,	50.3,	0.0);	(365287.8, 3765334.0,	49.7,	49.7,	0.0);
(365307.8, 3765334.0,	49.0,	49.0,	0.0);	(365327.8, 3765334.0,	48.7,	48.7,	0.0);
(365347.8, 3765334.0,	48.6,	48.6,	0.0);	(365367.8, 3765334.0,	48.5,	48.5,	0.0);
(365387.8, 3765334.0,	48.6,	48.6,	0.0);	(365427.8, 3765334.0,	48.5,	48.5,	0.0);
(364587.8, 3765354.0,	49.2,	49.2,	0.0);	(364607.8, 3765354.0,	49.5,	49.5,	0.0);
(364627.8, 3765354.0,	50.1,	50.1,	0.0);	(364647.8, 3765354.0,	50.5,	50.5,	0.0);
(364687.8, 3765354.0,	51.2,	51.2,	0.0);	(364707.8, 3765354.0,	51.4,	51.4,	0.0);
(364727.8, 3765354.0,	51.2,	51.2,	0.0);	(364747.8, 3765354.0,	51.2,	51.2,	0.0);
(364767.8, 3765354.0,	51.2,	51.2,	0.0);	(364827.8, 3765354.0,	50.5,	50.5,	0.0);
(364847.8, 3765354.0,	49.8,	49.8,	0.0);	(364867.8, 3765354.0,	49.2,	49.2,	0.0);
(364887.8, 3765354.0,	48.6,	48.6,	0.0);	(364907.8, 3765354.0,	48.1,	48.1,	0.0);
(364927.8, 3765354.0,	47.6,	47.6,	0.0);	(364947.8, 3765354.0,	47.8,	47.8,	0.0);
(364967.8, 3765354.0,	47.9,	47.9,	0.0);	(364987.8, 3765354.0,	47.9,	47.9,	0.0);
(365007.8, 3765354.0,	48.0,	48.0,	0.0);	(365027.8, 3765354.0,	48.5,	48.5,	0.0);
(365047.8, 3765354.0,	48.5,	48.5,	0.0);	(365127.8, 3765354.0,	50.2,	50.2,	0.0);
(365147.8, 3765354.0,	50.5,	50.5,	0.0);	(365167.8, 3765354.0,	50.6,	50.6,	0.0);
(365187.8, 3765354.0,	50.6,	50.6,	0.0);	(365227.8, 3765354.0,	50.3,	50.3,	0.0);
(365247.8, 3765354.0,	50.1,	50.1,	0.0);	(365267.8, 3765354.0,	49.8,	49.8,	0.0);
(365287.8, 3765354.0,	48.9,	48.9,	0.0);	(365307.8, 3765354.0,	48.9,	48.9,	0.0);
(365327.8, 3765354.0,	48.8,	48.8,	0.0);	(365347.8, 3765354.0,	48.7,	48.7,	0.0);
(365367.8, 3765354.0,	48.5,	48.5,	0.0);	(365387.8, 3765354.0,	48.9,	48.9,	0.0);

*** AERMOD - VERSION 21112 *** ** SMM-08 (Phase 1) Construction HRA
*** AERMET - VERSION 16216 *** ** Santa Monica
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

*** 02/05/23
*** 21:40:02

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

(365407.8, 3765354.0, 48.7, 48.7, 0.0);	(365427.8, 3765354.0, 48.6, 48.6, 0.0);
(364587.8, 3765374.0, 49.5, 49.5, 0.0);	(364607.8, 3765374.0, 49.9, 49.9, 0.0);
(364627.8, 3765374.0, 50.2, 50.2, 0.0);	(364667.8, 3765374.0, 50.9, 50.9, 0.0);
(364687.8, 3765374.0, 51.5, 51.5, 0.0);	(364707.8, 3765374.0, 51.6, 51.6, 0.0);
(364727.8, 3765374.0, 51.4, 51.4, 0.0);	(364747.8, 3765374.0, 51.2, 51.2, 0.0);
(364807.8, 3765374.0, 50.7, 50.7, 0.0);	(364827.8, 3765374.0, 50.5, 50.5, 0.0);
(364847.8, 3765374.0, 49.8, 49.8, 0.0);	(364867.8, 3765374.0, 49.2, 49.2, 0.0);
(364887.8, 3765374.0, 48.6, 48.6, 0.0);	(364907.8, 3765374.0, 48.2, 48.2, 0.0);
(364927.8, 3765374.0, 48.1, 48.1, 0.0);	(364947.8, 3765374.0, 48.1, 48.1, 0.0);
(364967.8, 3765374.0, 48.1, 48.1, 0.0);	(364987.8, 3765374.0, 48.3, 48.3, 0.0);
(365007.8, 3765374.0, 48.6, 48.6, 0.0);	(365027.8, 3765374.0, 48.9, 48.9, 0.0);
(365067.8, 3765374.0, 49.3, 49.3, 0.0);	(365087.8, 3765374.0, 50.0, 50.0, 0.0);
(365107.8, 3765374.0, 50.5, 50.5, 0.0);	(365167.8, 3765374.0, 50.8, 50.8, 0.0);
(365207.8, 3765374.0, 50.4, 50.4, 0.0);	(365227.8, 3765374.0, 50.0, 50.0, 0.0);
(365247.8, 3765374.0, 49.6, 49.6, 0.0);	(365267.8, 3765374.0, 49.2, 49.2, 0.0);
(365287.8, 3765374.0, 48.9, 48.9, 0.0);	(365307.8, 3765374.0, 49.0, 49.0, 0.0);
(365327.8, 3765374.0, 49.1, 49.1, 0.0);	(365347.8, 3765374.0, 48.9, 48.9, 0.0);
(365367.8, 3765374.0, 48.6, 48.6, 0.0);	(365387.8, 3765374.0, 49.0, 49.0, 0.0);
(365407.8, 3765374.0, 49.2, 49.2, 0.0);	(364587.8, 3765394.0, 49.7, 49.7, 0.0);
(364607.8, 3765394.0, 50.1, 50.1, 0.0);	(364627.8, 3765394.0, 50.3, 50.3, 0.0);
(364647.8, 3765394.0, 50.3, 50.3, 0.0);	(364667.8, 3765394.0, 51.3, 51.3, 0.0);
(364687.8, 3765394.0, 51.7, 51.7, 0.0);	(364707.8, 3765394.0, 51.7, 51.7, 0.0);
(364727.8, 3765394.0, 51.4, 51.4, 0.0);	(364747.8, 3765394.0, 51.1, 51.1, 0.0);
(364787.8, 3765394.0, 50.7, 50.7, 0.0);	(364807.8, 3765394.0, 50.8, 50.8, 0.0);
(364827.8, 3765394.0, 50.4, 50.4, 0.0);	(364847.8, 3765394.0, 49.8, 49.8, 0.0);
(364867.8, 3765394.0, 49.1, 49.1, 0.0);	(364887.8, 3765394.0, 48.6, 48.6, 0.0);
(364907.8, 3765394.0, 48.4, 48.4, 0.0);	(364927.8, 3765394.0, 48.5, 48.5, 0.0);
(364947.8, 3765394.0, 48.4, 48.4, 0.0);	(364967.8, 3765394.0, 48.4, 48.4, 0.0);
(364987.8, 3765394.0, 48.8, 48.8, 0.0);	(365007.8, 3765394.0, 49.2, 49.2, 0.0);
(365047.8, 3765394.0, 49.6, 49.6, 0.0);	(365067.8, 3765394.0, 50.0, 50.0, 0.0);
(365087.8, 3765394.0, 50.7, 50.7, 0.0);	(365107.8, 3765394.0, 51.2, 51.2, 0.0);
(365127.8, 3765394.0, 51.8, 51.8, 0.0);	(365147.8, 3765394.0, 51.5, 51.5, 0.0);
(365207.8, 3765394.0, 50.3, 50.3, 0.0);	(365227.8, 3765394.0, 49.8, 49.8, 0.0);
(365247.8, 3765394.0, 49.4, 49.4, 0.0);	(365267.8, 3765394.0, 49.1, 49.1, 0.0);
(365287.8, 3765394.0, 49.0, 49.0, 0.0);	(365307.8, 3765394.0, 49.2, 49.2, 0.0);
(365327.8, 3765394.0, 49.1, 49.1, 0.0);	(365347.8, 3765394.0, 48.9, 48.9, 0.0);
(365367.8, 3765394.0, 48.8, 48.8, 0.0);	(365387.8, 3765394.0, 49.6, 49.6, 0.0);
(364647.8, 3765414.0, 51.2, 51.2, 0.0);	(364667.8, 3765414.0, 51.8, 51.8, 0.0);
(364687.8, 3765414.0, 51.9, 51.9, 0.0);	(364707.8, 3765414.0, 51.8, 51.8, 0.0);
(364727.8, 3765414.0, 51.3, 51.3, 0.0);	(364787.8, 3765414.0, 50.6, 50.6, 0.0);
(364807.8, 3765414.0, 50.5, 50.5, 0.0);	(364827.8, 3765414.0, 50.1, 50.1, 0.0);
(364847.8, 3765414.0, 49.6, 49.6, 0.0);	(364867.8, 3765414.0, 49.0, 49.0, 0.0);
(364887.8, 3765414.0, 48.7, 48.7, 0.0);	(364907.8, 3765414.0, 48.8, 48.8, 0.0);
(364927.8, 3765414.0, 48.8, 48.8, 0.0);	(364947.8, 3765414.0, 48.7, 48.7, 0.0);
(364967.8, 3765414.0, 48.9, 48.9, 0.0);	(364987.8, 3765414.0, 49.4, 49.4, 0.0);

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***
 *** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/05/23
 *** 21:40:02

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

(365047.8, 3765414.0, 50.4, 50.4, 0.0);	(365067.8, 3765414.0, 50.8, 50.8, 0.0);
(365087.8, 3765414.0, 51.2, 51.2, 0.0);	(365107.8, 3765414.0, 51.6, 51.6, 0.0);
(365127.8, 3765414.0, 52.0, 52.0, 0.0);	(365147.8, 3765414.0, 51.7, 51.7, 0.0);
(365187.8, 3765414.0, 51.3, 51.3, 0.0);	(365247.8, 3765414.0, 49.3, 49.3, 0.0);
(365267.8, 3765414.0, 49.1, 49.1, 0.0);	(365287.8, 3765414.0, 49.2, 49.2, 0.0);
(365307.8, 3765414.0, 49.3, 49.3, 0.0);	(365327.8, 3765414.0, 49.1, 49.1, 0.0);
(365347.8, 3765414.0, 48.9, 48.9, 0.0);	(365367.8, 3765414.0, 49.0, 49.0, 0.0);
(365387.8, 3765414.0, 50.2, 50.2, 0.0);	(364647.8, 3765434.0, 51.1, 51.1, 0.0);
(364667.8, 3765434.0, 51.9, 51.9, 0.0);	(364687.8, 3765434.0, 52.1, 52.1, 0.0);
(364707.8, 3765434.0, 51.8, 51.8, 0.0);	(364767.8, 3765434.0, 50.6, 50.6, 0.0);
(364787.8, 3765434.0, 50.4, 50.4, 0.0);	(364807.8, 3765434.0, 50.2, 50.2, 0.0);
(364827.8, 3765434.0, 49.9, 49.9, 0.0);	(364847.8, 3765434.0, 49.3, 49.3, 0.0);
(364867.8, 3765434.0, 49.0, 49.0, 0.0);	(364887.8, 3765434.0, 49.0, 49.0, 0.0);
(364907.8, 3765434.0, 49.0, 49.0, 0.0);	(364927.8, 3765434.0, 48.9, 48.9, 0.0);
(364947.8, 3765434.0, 49.1, 49.1, 0.0);	(364967.8, 3765434.0, 49.5, 49.5, 0.0);
(364987.8, 3765434.0, 50.0, 50.0, 0.0);	(365027.8, 3765434.0, 50.7, 50.7, 0.0);
(365047.8, 3765434.0, 51.1, 51.1, 0.0);	(365067.8, 3765434.0, 51.4, 51.4, 0.0);
(365087.8, 3765434.0, 51.5, 51.5, 0.0);	(365107.8, 3765434.0, 51.8, 51.8, 0.0);
(365127.8, 3765434.0, 51.7, 51.7, 0.0);	(365167.8, 3765434.0, 51.7, 51.7, 0.0);
(365187.8, 3765434.0, 51.3, 51.3, 0.0);	(365207.8, 3765434.0, 50.6, 50.6, 0.0);
(365227.8, 3765434.0, 50.0, 50.0, 0.0);	(365287.8, 3765434.0, 48.9, 48.9, 0.0);
(365307.8, 3765434.0, 49.1, 49.1, 0.0);	(365327.8, 3765434.0, 49.1, 49.1, 0.0);
(365347.8, 3765434.0, 49.2, 49.2, 0.0);	(365367.8, 3765434.0, 49.9, 49.9, 0.0);
(364687.8, 3765454.0, 52.0, 52.0, 0.0);	(364707.8, 3765454.0, 51.6, 51.6, 0.0);
(364747.8, 3765454.0, 50.9, 50.9, 0.0);	(364767.8, 3765454.0, 50.5, 50.5, 0.0);
(364787.8, 3765454.0, 50.2, 50.2, 0.0);	(364807.8, 3765454.0, 49.9, 49.9, 0.0);
(364827.8, 3765454.0, 49.7, 49.7, 0.0);	(364847.8, 3765454.0, 49.2, 49.2, 0.0);
(364867.8, 3765454.0, 49.2, 49.2, 0.0);	(364887.8, 3765454.0, 49.3, 49.3, 0.0);
(364907.8, 3765454.0, 49.3, 49.3, 0.0);	(364927.8, 3765454.0, 49.3, 49.3, 0.0);
(364947.8, 3765454.0, 49.8, 49.8, 0.0);	(364967.8, 3765454.0, 50.3, 50.3, 0.0);
(365007.8, 3765454.0, 50.9, 50.9, 0.0);	(365027.8, 3765454.0, 51.4, 51.4, 0.0);
(365047.8, 3765454.0, 51.7, 51.7, 0.0);	(365067.8, 3765454.0, 51.8, 51.8, 0.0);
(365087.8, 3765454.0, 51.8, 51.8, 0.0);	(365107.8, 3765454.0, 51.8, 51.8, 0.0);
(365147.8, 3765454.0, 51.7, 51.7, 0.0);	(365167.8, 3765454.0, 51.8, 51.8, 0.0);
(365187.8, 3765454.0, 51.2, 51.2, 0.0);	(365207.8, 3765454.0, 50.8, 50.8, 0.0);
(365227.8, 3765454.0, 50.2, 50.2, 0.0);	(365247.8, 3765454.0, 49.5, 49.5, 0.0);
(365327.8, 3765454.0, 49.1, 49.1, 0.0);	(365347.8, 3765454.0, 49.2, 49.2, 0.0);
(365367.8, 3765454.0, 49.3, 49.3, 0.0);	(364747.8, 3765474.0, 50.8, 50.8, 0.0);
(364767.8, 3765474.0, 50.4, 50.4, 0.0);	(364787.8, 3765474.0, 50.1, 50.1, 0.0);
(364807.8, 3765474.0, 49.9, 49.9, 0.0);	(364827.8, 3765474.0, 49.6, 49.6, 0.0);
(364847.8, 3765474.0, 49.6, 49.6, 0.0);	(364867.8, 3765474.0, 49.6, 49.6, 0.0);
(364887.8, 3765474.0, 49.7, 49.7, 0.0);	(364907.8, 3765474.0, 49.7, 49.7, 0.0);
(364927.8, 3765474.0, 50.1, 50.1, 0.0);	(364947.8, 3765474.0, 50.8, 50.8, 0.0);
(365007.8, 3765474.0, 52.1, 52.1, 0.0);	(365027.8, 3765474.0, 52.1, 52.1, 0.0);
(365047.8, 3765474.0, 52.2, 52.2, 0.0);	(365067.8, 3765474.0, 52.2, 52.2, 0.0);

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 1) Construction HRA   ***   02/05/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   21:40:02
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

(365087.8, 3765474.0, 52.1, 52.1, 0.0);	(365127.8, 3765474.0, 51.6, 51.6, 0.0);
(365147.8, 3765474.0, 51.8, 51.8, 0.0);	(365167.8, 3765474.0, 51.8, 51.8, 0.0);
(365187.8, 3765474.0, 50.9, 50.9, 0.0);	(365207.8, 3765474.0, 50.8, 50.8, 0.0);
(365227.8, 3765474.0, 50.2, 50.2, 0.0);	(365247.8, 3765474.0, 49.6, 49.6, 0.0);
(365267.8, 3765474.0, 49.2, 49.2, 0.0);	(365287.8, 3765474.0, 49.4, 49.4, 0.0);
(364747.8, 3765494.0, 50.8, 50.8, 0.0);	(364767.8, 3765494.0, 50.4, 50.4, 0.0);
(364787.8, 3765494.0, 50.2, 50.2, 0.0);	(364807.8, 3765494.0, 49.9, 49.9, 0.0);
(364827.8, 3765494.0, 49.7, 49.7, 0.0);	(364847.8, 3765494.0, 49.9, 49.9, 0.0);
(364867.8, 3765494.0, 50.0, 50.0, 0.0);	(364887.8, 3765494.0, 50.2, 50.2, 0.0);
(364907.8, 3765494.0, 50.5, 50.5, 0.0);	(364927.8, 3765494.0, 51.2, 51.2, 0.0);
(364947.8, 3765494.0, 51.5, 51.5, 0.0);	(364987.8, 3765494.0, 52.4, 52.4, 0.0);
(365007.8, 3765494.0, 52.7, 52.7, 0.0);	(365027.8, 3765494.0, 52.6, 52.6, 0.0);
(365047.8, 3765494.0, 52.4, 52.4, 0.0);	(365067.8, 3765494.0, 52.2, 52.2, 0.0);
(365087.8, 3765494.0, 51.9, 51.9, 0.0);	(365127.8, 3765494.0, 51.7, 51.7, 0.0);
(365147.8, 3765494.0, 51.6, 51.6, 0.0);	(365167.8, 3765494.0, 51.4, 51.4, 0.0);
(365187.8, 3765494.0, 51.0, 51.0, 0.0);	(365207.8, 3765494.0, 50.8, 50.8, 0.0);
(365227.8, 3765494.0, 50.2, 50.2, 0.0);	(365247.8, 3765494.0, 49.8, 49.8, 0.0);
(365267.8, 3765494.0, 49.8, 49.8, 0.0);	(365287.8, 3765494.0, 49.7, 49.7, 0.0);
(365307.8, 3765494.0, 49.7, 49.7, 0.0);	(365327.8, 3765494.0, 49.8, 49.8, 0.0);
(364787.8, 3765514.0, 50.4, 50.4, 0.0);	(364807.8, 3765514.0, 50.1, 50.1, 0.0);
(364847.8, 3765514.0, 50.2, 50.2, 0.0);	(364867.8, 3765514.0, 50.4, 50.4, 0.0);
(364887.8, 3765514.0, 50.7, 50.7, 0.0);	(364907.8, 3765514.0, 51.4, 51.4, 0.0);
(364927.8, 3765514.0, 52.1, 52.1, 0.0);	(364967.8, 3765514.0, 52.7, 52.7, 0.0);
(364987.8, 3765514.0, 53.3, 53.3, 0.0);	(365007.8, 3765514.0, 53.2, 53.2, 0.0);
(365027.8, 3765514.0, 52.9, 52.9, 0.0);	(365047.8, 3765514.0, 52.5, 52.5, 0.0);
(365067.8, 3765514.0, 52.2, 52.2, 0.0);	(365107.8, 3765514.0, 51.8, 51.8, 0.0);
(365127.8, 3765514.0, 51.6, 51.6, 0.0);	(365147.8, 3765514.0, 51.4, 51.4, 0.0);
(365167.8, 3765514.0, 51.2, 51.2, 0.0);	(365187.8, 3765514.0, 51.0, 51.0, 0.0);
(365207.8, 3765514.0, 50.6, 50.6, 0.0);	(365227.8, 3765514.0, 50.3, 50.3, 0.0);
(365247.8, 3765514.0, 50.2, 50.2, 0.0);	(365267.8, 3765514.0, 50.3, 50.3, 0.0);
(365287.8, 3765514.0, 50.2, 50.2, 0.0);	(365307.8, 3765514.0, 50.1, 50.1, 0.0);
(365327.8, 3765514.0, 50.1, 50.1, 0.0);	(364867.8, 3765534.0, 51.0, 51.0, 0.0);
(364887.8, 3765534.0, 51.5, 51.5, 0.0);	(364907.8, 3765534.0, 52.1, 52.1, 0.0);
(364967.8, 3765534.0, 53.7, 53.7, 0.0);	(364987.8, 3765534.0, 53.8, 53.8, 0.0);
(365007.8, 3765534.0, 53.4, 53.4, 0.0);	(365027.8, 3765534.0, 53.1, 53.1, 0.0);
(365047.8, 3765534.0, 52.6, 52.6, 0.0);	(365087.8, 3765534.0, 51.9, 51.9, 0.0);
(365107.8, 3765534.0, 51.8, 51.8, 0.0);	(365127.8, 3765534.0, 51.5, 51.5, 0.0);
(365147.8, 3765534.0, 51.2, 51.2, 0.0);	(365167.8, 3765534.0, 50.9, 50.9, 0.0);
(365187.8, 3765534.0, 50.9, 50.9, 0.0);	(365207.8, 3765534.0, 50.4, 50.4, 0.0);
(365227.8, 3765534.0, 50.5, 50.5, 0.0);	(365247.8, 3765534.0, 50.9, 50.9, 0.0);
(365267.8, 3765534.0, 50.9, 50.9, 0.0);	(365287.8, 3765534.0, 50.7, 50.7, 0.0);
(365307.8, 3765534.0, 50.6, 50.6, 0.0);	(364947.8, 3765554.0, 53.4, 53.4, 0.0);
(364967.8, 3765554.0, 53.9, 53.9, 0.0);	(364987.8, 3765554.0, 53.8, 53.8, 0.0);
(365007.8, 3765554.0, 53.5, 53.5, 0.0);	(365027.8, 3765554.0, 53.0, 53.0, 0.0);
(365047.8, 3765554.0, 52.5, 52.5, 0.0);	(365087.8, 3765554.0, 52.0, 52.0, 0.0);

*** AERMOD - VERSION 21112 *** ** SMM-08 (Phase 1) Construction HRA
*** AERMET - VERSION 16216 *** ** Santa Monica
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

*** 02/05/23
*** 21:40:02

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

(365107.8, 3765554.0,	51.7,	51.7,	0.0);	(365127.8, 3765554.0,	51.4,	51.4,	0.0);
(365147.8, 3765554.0,	51.1,	51.1,	0.0);	(365167.8, 3765554.0,	50.9,	50.9,	0.0);
(365187.8, 3765554.0,	50.7,	50.7,	0.0);	(365207.8, 3765554.0,	50.7,	50.7,	0.0);
(365227.8, 3765554.0,	50.9,	50.9,	0.0);	(365247.8, 3765554.0,	51.0,	51.0,	0.0);
(365267.8, 3765554.0,	50.8,	50.8,	0.0);	(365287.8, 3765554.0,	50.6,	50.6,	0.0);
(364927.8, 3765574.0,	53.0,	53.0,	0.0);	(364947.8, 3765574.0,	53.6,	53.6,	0.0);
(364967.8, 3765574.0,	53.8,	53.8,	0.0);	(364987.8, 3765574.0,	53.8,	53.8,	0.0);
(365007.8, 3765574.0,	53.4,	53.4,	0.0);	(365027.8, 3765574.0,	52.8,	52.8,	0.0);
(365067.8, 3765574.0,	52.1,	52.1,	0.0);	(365087.8, 3765574.0,	52.0,	52.0,	0.0);
(365107.8, 3765574.0,	51.7,	51.7,	0.0);	(365127.8, 3765574.0,	51.4,	51.4,	0.0);
(365147.8, 3765574.0,	51.2,	51.2,	0.0);	(365167.8, 3765574.0,	51.0,	51.0,	0.0);
(365187.8, 3765574.0,	50.7,	50.7,	0.0);	(365207.8, 3765574.0,	51.0,	51.0,	0.0);
(365227.8, 3765574.0,	51.2,	51.2,	0.0);	(365247.8, 3765574.0,	51.2,	51.2,	0.0);
(365267.8, 3765574.0,	51.2,	51.2,	0.0);	(365287.8, 3765574.0,	51.1,	51.1,	0.0);
(364927.8, 3765594.0,	53.1,	53.1,	0.0);	(364947.8, 3765594.0,	53.5,	53.5,	0.0);
(364967.8, 3765594.0,	53.7,	53.7,	0.0);	(364987.8, 3765594.0,	53.7,	53.7,	0.0);
(365007.8, 3765594.0,	53.3,	53.3,	0.0);	(365047.8, 3765594.0,	52.3,	52.3,	0.0);
(365067.8, 3765594.0,	52.2,	52.2,	0.0);	(365087.8, 3765594.0,	52.1,	52.1,	0.0);
(365107.8, 3765594.0,	51.6,	51.6,	0.0);	(365127.8, 3765594.0,	51.4,	51.4,	0.0);
(365147.8, 3765594.0,	51.2,	51.2,	0.0);	(365167.8, 3765594.0,	51.0,	51.0,	0.0);
(365187.8, 3765594.0,	51.0,	51.0,	0.0);	(365207.8, 3765594.0,	51.1,	51.1,	0.0);
(365227.8, 3765594.0,	51.3,	51.3,	0.0);	(365247.8, 3765594.0,	51.5,	51.5,	0.0);
(365267.8, 3765594.0,	52.0,	52.0,	0.0);	(364947.8, 3765614.0,	53.0,	53.0,	0.0);
(364967.8, 3765614.0,	53.2,	53.2,	0.0);	(364987.8, 3765614.0,	53.5,	53.5,	0.0);
(365007.8, 3765614.0,	52.9,	52.9,	0.0);	(365047.8, 3765614.0,	52.5,	52.5,	0.0);
(365067.8, 3765614.0,	52.4,	52.4,	0.0);	(365087.8, 3765614.0,	52.1,	52.1,	0.0);
(365107.8, 3765614.0,	51.7,	51.7,	0.0);	(365127.8, 3765614.0,	51.6,	51.6,	0.0);
(365147.8, 3765614.0,	51.4,	51.4,	0.0);	(365167.8, 3765614.0,	51.3,	51.3,	0.0);
(365187.8, 3765614.0,	51.3,	51.3,	0.0);	(365207.8, 3765614.0,	51.4,	51.4,	0.0);
(365227.8, 3765614.0,	51.5,	51.5,	0.0);	(365247.8, 3765614.0,	51.8,	51.8,	0.0);
(364987.8, 3765634.0,	53.1,	53.1,	0.0);	(365027.8, 3765634.0,	52.8,	52.8,	0.0);
(365047.8, 3765634.0,	52.8,	52.8,	0.0);	(365067.8, 3765634.0,	52.5,	52.5,	0.0);
(365087.8, 3765634.0,	52.2,	52.2,	0.0);	(365107.8, 3765634.0,	51.8,	51.8,	0.0);
(365127.8, 3765634.0,	51.7,	51.7,	0.0);	(365147.8, 3765634.0,	51.6,	51.6,	0.0);
(365167.8, 3765634.0,	51.6,	51.6,	0.0);	(365187.8, 3765634.0,	51.6,	51.6,	0.0);
(365207.8, 3765634.0,	51.7,	51.7,	0.0);	(365227.8, 3765634.0,	51.8,	51.8,	0.0);
(365247.8, 3765634.0,	52.0,	52.0,	0.0);	(365007.8, 3765654.0,	52.5,	52.5,	0.0);
(365027.8, 3765654.0,	53.0,	53.0,	0.0);	(365047.8, 3765654.0,	53.0,	53.0,	0.0);
(365067.8, 3765654.0,	52.7,	52.7,	0.0);	(365087.8, 3765654.0,	52.5,	52.5,	0.0);
(365107.8, 3765654.0,	52.1,	52.1,	0.0);	(365127.8, 3765654.0,	51.8,	51.8,	0.0);
(365147.8, 3765654.0,	51.7,	51.7,	0.0);	(365167.8, 3765654.0,	51.9,	51.9,	0.0);
(365187.8, 3765654.0,	51.9,	51.9,	0.0);	(365207.8, 3765654.0,	52.0,	52.0,	0.0);
(365227.8, 3765654.0,	52.1,	52.1,	0.0);	(365181.1, 3765002.4,	45.2,	45.2,	0.0);
(365199.6, 3765013.0,	45.3,	45.3,	0.0);	(365213.7, 3765024.7,	45.2,	45.2,	0.0);
(365230.9, 3765035.8,	45.0,	45.0,	0.0);	(365251.4, 3765048.1,	45.0,	45.0,	0.0);

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/05/23
*** 21:40:02

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

(365188.5, 3764992.6,	45.0,	45.0,	0.0);	(365206.3, 3765003.0,	45.2,	45.2,	0.0);
(365220.5, 3765010.2,	45.2,	45.2,	0.0);	(365232.8, 3765019.0,	45.1,	45.1,	0.0);
(365245.6, 3765028.2,	45.1,	45.1,	0.0);	(365255.9, 3765037.4,	45.1,	45.1,	0.0);
(365199.1, 3764978.5,	45.0,	45.0,	0.0);	(365216.9, 3764987.7,	45.0,	45.0,	0.0);
(365233.1, 3764999.6,	45.0,	45.0,	0.0);	(365246.0, 3765007.5,	45.1,	45.1,	0.0);
(365262.7, 3765019.5,	45.1,	45.1,	0.0);	(364949.6, 3765242.8,	47.6,	47.6,	0.0);
(365015.9, 3765211.8,	47.8,	47.8,	0.0);	(364956.1, 3765234.0,	47.8,	47.8,	0.0);
(364973.0, 3765235.9,	47.8,	47.8,	0.0);	(364984.5, 3765243.9,	47.7,	47.7,	0.0);
(364998.6, 3765251.6,	47.7,	47.7,	0.0);	(364964.0, 3765223.0,	47.9,	47.9,	0.0);
(364981.4, 3765229.0,	47.9,	47.9,	0.0);	(364994.4, 3765236.2,	47.8,	47.8,	0.0);
(365002.5, 3765244.3,	47.8,	47.8,	0.0);	(365025.0, 3765263.8,	47.7,	47.7,	0.0);
(365036.5, 3765269.9,	47.7,	47.7,	0.0);	(364972.6, 3765211.7,	48.0,	48.0,	0.0);
(364981.0, 3765200.6,	47.9,	47.9,	0.0);	(365079.7, 3765089.5,	46.0,	46.0,	0.0);
(364996.2, 3765200.8,	47.9,	47.9,	0.0);	(365028.5, 3765220.9,	47.8,	47.8,	0.0);
(364980.3, 3765188.4,	47.8,	47.8,	0.0);	(365023.6, 3765130.0,	47.0,	47.0,	0.0);
(365043.6, 3765130.0,	47.0,	47.0,	0.0);	(365063.6, 3765130.0,	46.8,	46.8,	0.0);
(365083.6, 3765130.0,	46.4,	46.4,	0.0);	(365103.6, 3765130.0,	46.4,	46.4,	0.0);
(365044.1, 3765092.2,	46.3,	46.3,	0.0);	(364996.5, 3765163.0,	47.5,	47.5,	0.0);
(365023.6, 3765150.0,	47.2,	47.2,	0.0);	(365043.6, 3765150.0,	47.2,	47.2,	0.0);
(365063.6, 3765150.0,	46.9,	46.9,	0.0);	(365083.6, 3765150.0,	46.6,	46.6,	0.0);
(365103.6, 3765150.0,	46.6,	46.6,	0.0);	(365061.7, 3765084.2,	46.2,	46.2,	0.0);
(364991.2, 3765174.9,	47.6,	47.6,	0.0);	(365023.6, 3765170.0,	47.4,	47.4,	0.0);
(365043.6, 3765170.0,	47.2,	47.2,	0.0);	(365063.6, 3765170.0,	47.0,	47.0,	0.0);
(365083.6, 3765170.0,	46.8,	46.8,	0.0);	(365108.8, 3765166.4,	46.6,	46.6,	0.0);
(365031.2, 3765110.2,	46.7,	46.7,	0.0);	(365053.8, 3765109.8,	46.7,	46.7,	0.0);
(365103.1, 3765113.1,	46.1,	46.1,	0.0);	(365076.2, 3765109.5,	46.3,	46.3,	0.0);
(365002.1, 3765184.8,	47.7,	47.7,	0.0);	(365020.1, 3765194.7,	47.6,	47.6,	0.0);
(365038.5, 3765193.7,	47.4,	47.4,	0.0);	(365058.5, 3765193.7,	47.2,	47.2,	0.0);
(365083.4, 3765189.8,	46.9,	46.9,	0.0);	(365100.8, 3765178.4,	46.6,	46.6,	0.0);
(365064.1, 3765229.7,	47.3,	47.3,	0.0);	(365036.6, 3765209.8,	47.6,	47.6,	0.0);
(365053.6, 3765218.6,	47.5,	47.5,	0.0);	(365071.3, 3765211.1,	47.0,	47.0,	0.0);
(365098.5, 3765213.7,	46.6,	46.6,	0.0);	(365005.1, 3765151.6,	47.3,	47.3,	0.0);
(365015.2, 3765256.2,	47.7,	47.7,	0.0);	(365007.8, 3765267.6,	47.5,	47.5,	0.0);
(365001.2, 3765281.6,	47.1,	47.1,	0.0);	(364943.2, 3765234.0,	47.7,	47.7,	0.0);
(364952.0, 3765222.4,	48.0,	48.0,	0.0);	(364962.5, 3765205.1,	48.0,	48.0,	0.0);

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 1) Construction HRA
 *** AERMET - VERSION 16216 *** *** Santa Monica

*** 02/05/23
 *** 21:40:02
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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)
L0000012	364747.8	3765154.0	0.91
L0000019	364807.8	3765194.0	0.08
L0000042	365007.8	3765314.0	0.33
L0000061	365187.8	3765414.0	0.23
L0000065	365227.8	3765434.0	0.48
L0000066	365227.8	3765434.0	-1.34

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
 *** Santa Monica

*** 02/05/23
 *** 21:40:02
 *** PAGE 104

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: metdata-53 m\KSMO_v9.SFC
 Profile file: metdata-53 m\KSMO_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93197
 Name: UNKNOWN
 Year: 2012

Upper air station no.: 3190
 Name: UNKNOWN
 Year: 2012

Met Version: 16216

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	-6.6	0.113	-9.000	-9.000	-999.	91.	19.8	0.17	2.20	1.00	1.26	131.	10.1	283.1	2.0			
12	01	01	1	02	-7.6	0.121	-9.000	-9.000	-999.	101.	21.3	0.17	2.20	1.00	1.35	232.	10.1	282.0	2.0			
12	01	01	1	03	-3.3	0.082	-9.000	-9.000	-999.	57.	15.3	0.17	2.20	1.00	0.86	46.	10.1	280.9	2.0			
12	01	01	1	04	-5.4	0.102	-9.000	-9.000	-999.	79.	17.9	0.17	2.20	1.00	1.14	82.	10.1	281.4	2.0			
12	01	01	1	05	-6.6	0.113	-9.000	-9.000	-999.	91.	19.8	0.17	2.20	1.00	1.26	205.	10.1	281.4	2.0			
12	01	01	1	06	-7.4	0.119	-9.000	-9.000	-999.	99.	20.9	0.17	2.20	1.00	1.33	254.	10.1	280.9	2.0			
12	01	01	1	07	-4.6	0.094	-9.000	-9.000	-999.	70.	16.6	0.17	2.20	1.00	1.04	39.	10.1	279.2	2.0			
12	01	01	1	08	-16.0	0.197	-9.000	-9.000	-999.	209.	43.0	0.17	2.20	0.54	2.10	63.	10.1	282.0	2.0			
12	01	01	1	09	36.8	0.255	0.339	0.005	38.	309.	-40.8	0.17	2.20	0.31	2.27	33.	10.1	292.0	2.0			
12	01	01	1	10	102.6	0.234	0.691	0.006	117.	271.	-11.3	0.17	2.20	0.23	1.79	204.	10.1	289.2	2.0			
12	01	01	1	11	154.6	0.178	1.118	0.005	327.	181.	-3.3	0.17	2.20	0.20	1.11	119.	10.1	296.4	2.0			
12	01	01	1	12	182.0	0.295	1.459	0.005	618.	385.	-12.8	0.17	2.20	0.19	2.30	76.	10.1	300.9	2.0			
12	01	01	1	13	175.0	0.355	1.686	0.005	991.	507.	-23.0	0.17	2.20	0.19	2.98	179.	10.1	293.8	2.0			
12	01	01	1	14	148.1	0.374	1.737	0.005	1282.	549.	-31.9	0.17	2.20	0.20	3.25	211.	10.1	292.0	2.0			
12	01	01	1	15	98.0	0.291	1.572	0.005	1436.	380.	-22.7	0.17	2.20	0.23	2.44	231.	10.1	290.9	2.0			
12	01	01	1	16	28.2	0.303	1.044	0.005	1460.	400.	-89.0	0.17	2.20	0.32	2.85	217.	10.1	289.2	2.0			
12	01	01	1	17	-22.4	0.259	-9.000	-9.000	-999.	317.	73.7	0.17	2.20	0.58	2.73	226.	10.1	287.0	2.0			
12	01	01	1	18	-8.7	0.131	-9.000	-9.000	-999.	124.	23.3	0.17	2.20	1.00	1.45	230.	10.1	286.4	2.0			
12	01	01	1	19	-13.2	0.163	-9.000	-9.000	-999.	157.	29.4	0.17	2.20	1.00	1.77	225.	10.1	285.9	2.0			
12	01	01	1	20	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	2.20	1.00	1.18	182.	10.1	284.9	2.0			
12	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	2.20	1.00	0.00	0.	10.1	284.2	2.0			
12	01	01	1	22	-7.3	0.119	-9.000	-9.000	-999.	99.	21.1	0.17	2.20	1.00	1.33	202.	10.1	285.4	2.0			
12	01	01	1	23	-6.0	0.108	-9.000	-9.000	-999.	86.	19.1	0.17	2.20	1.00	1.21	251.	10.1	284.9	2.0			
12	01	01	1	24	-5.4	0.102	-9.000	-9.000	-999.	78.	18.0	0.17	2.20	1.00	1.14	224.	10.1	284.2	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	131.	1.26	283.2	99.0	-99.00	-99.00	

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

365227.77	3764773.98	0.06361	365247.77	3764773.98	0.05847
365267.77	3764773.98	0.05374	365287.77	3764773.98	0.04942
365307.77	3764773.98	0.04552	365387.77	3764773.98	0.03354

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 1) Construction HRA   ***   02/05/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   21:40:02
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*** MODELOPTs:   RegDEFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ONSITE   ***
    INCLUDING SOURCE(S):      1           , 2           ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365407.77	3764773.98	0.03127	365427.77	3764773.98	0.02924
364807.77	3764793.98	0.22981	364827.77	3764793.98	0.22567
364847.77	3764793.98	0.22023	364867.77	3764793.98	0.21406
364887.77	3764793.98	0.20716	364947.77	3764793.98	0.18345
365007.77	3764793.98	0.15628	365027.77	3764793.98	0.14701
365067.77	3764793.98	0.12863	365087.77	3764793.98	0.11972
365107.77	3764793.98	0.11099	365127.77	3764793.98	0.10253
365147.77	3764793.98	0.09434	365187.77	3764793.98	0.07937
365207.77	3764793.98	0.07273	365227.77	3764793.98	0.06662
365247.77	3764793.98	0.06102	365267.77	3764793.98	0.05590
365287.77	3764793.98	0.05126	365307.77	3764793.98	0.04711
365327.77	3764793.98	0.04337	365407.77	3764793.98	0.03208
365427.77	3764793.98	0.02997	365447.77	3764793.98	0.02808
365467.77	3764793.98	0.02637	364787.77	3764813.98	0.25406
364807.77	3764813.98	0.25156	364827.77	3764813.98	0.24745
364847.77	3764813.98	0.24191	364867.77	3764813.98	0.23569
364927.77	3764813.98	0.21152	364947.77	3764813.98	0.20214
364967.77	3764813.98	0.19214	365047.77	3764813.98	0.14991
365067.77	3764813.98	0.13952	365087.77	3764813.98	0.12932
365107.77	3764813.98	0.11937	365127.77	3764813.98	0.10973
365147.77	3764813.98	0.10059	365167.77	3764813.98	0.09191
365227.77	3764813.98	0.06972	365247.77	3764813.98	0.06365
365267.77	3764813.98	0.05813	365287.77	3764813.98	0.05316
365307.77	3764813.98	0.04871	365327.77	3764813.98	0.04475
365347.77	3764813.98	0.04124	365367.77	3764813.98	0.03813
365447.77	3764813.98	0.02877	365467.77	3764813.98	0.02701
364787.77	3764833.98	0.27817	364807.77	3764833.98	0.27611
364827.77	3764833.98	0.27220	364847.77	3764833.98	0.26688
364867.77	3764833.98	0.26070	364927.77	3764833.98	0.23448
364967.77	3764833.98	0.21258	364985.50	3764826.89	0.19493
365067.77	3764833.98	0.15183	365087.77	3764833.98	0.14009
365107.77	3764833.98	0.12869	365127.77	3764833.98	0.11771
365147.77	3764833.98	0.10742	365167.77	3764833.98	0.09769
365187.77	3764833.98	0.08870	365247.77	3764833.98	0.06642
365267.77	3764833.98	0.06044	365287.77	3764833.98	0.05511
365307.77	3764833.98	0.05037	365327.77	3764833.98	0.04617
365347.77	3764833.98	0.04248	365367.77	3764833.98	0.03922

365387.77	3764833.98	0.03634	364767.77	3764853.98	0.30400
364787.77	3764853.98	0.30499	364807.77	3764853.98	0.30386
364827.77	3764853.98	0.30082	364847.77	3764853.98	0.29614

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 1) Construction HRA   ***   02/05/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   21:40:02
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*   ***   PAGE 107

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ONSITE   ***
INCLUDING SOURCE(S):   1   ,   2   ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364907.77	3764853.98	0.27266	364927.77	3764853.98	0.26172
364947.77	3764853.98	0.24947	364985.50	3764846.89	0.21587
365027.77	3764853.98	0.19398	365087.77	3764853.98	0.15218
365107.77	3764853.98	0.13909	365167.77	3764853.98	0.10394
365187.77	3764853.98	0.09389	365207.77	3764853.98	0.08480
365227.77	3764853.98	0.07665	365287.77	3764853.98	0.05712
365307.77	3764853.98	0.05209	365327.77	3764853.98	0.04764
365347.77	3764853.98	0.04374	365367.77	3764853.98	0.04033
365387.77	3764853.98	0.03735	365407.77	3764853.98	0.03471
365427.77	3764853.98	0.03236	364747.77	3764873.98	0.32781
364767.77	3764873.98	0.33245	364787.77	3764873.98	0.33524
364807.77	3764873.98	0.33570	364827.77	3764873.98	0.33389
364887.77	3764873.98	0.31618	364907.77	3764873.98	0.30598
364947.77	3764873.98	0.27948	364967.77	3764873.98	0.26422
365011.78	3764867.71	0.22061	365060.28	3764876.06	0.18982
365167.77	3764873.98	0.11068	365187.77	3764873.98	0.09941
365207.77	3764873.98	0.08930	365227.77	3764873.98	0.08035
365247.77	3764873.98	0.07238	365307.77	3764873.98	0.05385
365327.77	3764873.98	0.04918	365347.77	3764873.98	0.04509
365367.77	3764873.98	0.04152	365387.77	3764873.98	0.03840
365407.77	3764873.98	0.03564	365427.77	3764873.98	0.03320
364747.77	3764893.98	0.35728	364767.77	3764893.98	0.36351
364787.77	3764893.98	0.36931	364807.77	3764893.98	0.37224
364827.77	3764893.98	0.37219	364887.77	3764893.98	0.35656
364907.77	3764893.98	0.34539	364927.77	3764893.98	0.33145
364947.77	3764893.98	0.31503	365007.77	3764893.98	0.25917
365025.51	3764901.47	0.25176	365047.77	3764893.98	0.21968
365067.77	3764893.98	0.20039	365087.77	3764893.98	0.18169
365147.77	3764893.98	0.13200	365167.77	3764893.98	0.11800
365187.77	3764893.98	0.10537	365207.77	3764893.98	0.09410
365227.77	3764893.98	0.08424	365247.77	3764893.98	0.07557
365267.77	3764893.98	0.06801	365347.77	3764893.98	0.04649
365367.77	3764893.98	0.04277	365387.77	3764893.98	0.03951
365407.77	3764893.98	0.03663	364727.77	3764913.98	0.37724
364747.77	3764913.98	0.38918	364767.77	3764913.98	0.39908
364787.77	3764913.98	0.40791	364807.77	3764913.98	0.41375
364867.77	3764913.98	0.41243	364887.77	3764913.98	0.40425

364907.77	3764913.98	0.39207	364927.77	3764913.98	0.37623
364987.77	3764913.98	0.31467	365007.77	3764913.98	0.29156
365027.77	3764913.98	0.26784	365047.77	3764913.98	0.24471

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 1) Construction HRA   ***   02/05/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   21:40:02
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 , 2 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365121.31	3764918.09	0.16869	365187.77	3764913.98	0.11180
365207.77	3764913.98	0.09932	365227.77	3764913.98	0.08836
365247.77	3764913.98	0.07885	365267.77	3764913.98	0.07071
365287.77	3764913.98	0.06372	365307.77	3764913.98	0.05764
365367.77	3764913.98	0.04408	365387.77	3764913.98	0.04069
364727.77	3764933.98	0.40834	364747.77	3764933.98	0.42409
364767.77	3764933.98	0.43864	364787.77	3764933.98	0.45154
364847.77	3764933.98	0.47098	364867.77	3764933.98	0.46860
364887.77	3764933.98	0.46090	364907.77	3764933.98	0.44798
364987.77	3764933.98	0.35829	365007.77	3764933.98	0.33057
365027.77	3764933.98	0.30245	365047.77	3764933.98	0.27457
365107.77	3764933.98	0.19637	365127.77	3764933.98	0.17369
365147.77	3764933.98	0.15308	365207.77	3764933.98	0.10481
365227.77	3764933.98	0.09278	365247.77	3764933.98	0.08244
365267.77	3764933.98	0.07366	365287.77	3764933.98	0.06616
365307.77	3764933.98	0.05970	365327.77	3764933.98	0.05426
364707.77	3764953.98	0.41982	364727.77	3764953.98	0.44146
364747.77	3764953.98	0.46205	364767.77	3764953.98	0.48252
364787.77	3764953.98	0.50073	364847.77	3764953.98	0.53511
364867.77	3764953.98	0.53513	364887.77	3764953.98	0.52870
364907.77	3764953.98	0.51558	364967.77	3764953.98	0.44340
364987.77	3764953.98	0.41153	365027.77	3764953.98	0.34470
365087.77	3764953.98	0.24558	365107.77	3764953.98	0.21626
365127.77	3764953.98	0.18949	365147.77	3764953.98	0.16548
365167.77	3764953.98	0.14441	365247.77	3764953.98	0.08624
365267.77	3764953.98	0.07680	365287.77	3764953.98	0.06878
365307.77	3764953.98	0.06193	365327.77	3764953.98	0.05619
365347.77	3764953.98	0.05126	365367.77	3764953.98	0.04699
364687.77	3764973.98	0.42238	364707.77	3764973.98	0.44926
364727.77	3764973.98	0.47654	364747.77	3764973.98	0.50386
364767.77	3764973.98	0.53090	364827.77	3764973.98	0.59666
364847.77	3764973.98	0.60954	364867.77	3764973.98	0.61429
364887.77	3764973.98	0.61064	364907.77	3764973.98	0.59823
364947.77	3764973.98	0.54970	364967.77	3764973.98	0.51605
365007.77	3764973.98	0.43819	365027.77	3764973.98	0.39652
365067.77	3764973.98	0.31312	365087.77	3764973.98	0.27457
365107.77	3764973.98	0.23910	365127.77	3764973.98	0.20736

365147.77	3764973.98	0.17906	365167.77	3764973.98	0.15472
365267.77	3764973.98	0.08010	365287.77	3764973.98	0.07162
365307.77	3764973.98	0.06440	365327.77	3764973.98	0.05829

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
 *** Santa Monica

*** 02/05/23
 *** 21:40:02
 *** PAGE 109

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365347.77	3764973.98	0.05308	364667.77	3764993.98	0.41598
364687.77	3764993.98	0.44699	364707.77	3764993.98	0.47929
364727.77	3764993.98	0.51314	364747.77	3764993.98	0.54832
364807.77	3764993.98	0.64861	364827.77	3764993.98	0.67578
364847.77	3764993.98	0.69678	364867.77	3764993.98	0.70881
364887.77	3764993.98	0.71020	364927.77	3764993.98	0.67937
364947.77	3764993.98	0.64826	364987.77	3764993.98	0.56358
365007.77	3764993.98	0.51379	365067.77	3764993.98	0.35664
365087.77	3764993.98	0.30885	365107.77	3764993.98	0.26547
365127.77	3764993.98	0.22731	365147.77	3764993.98	0.19400
365307.77	3764993.98	0.06701	365327.77	3764993.98	0.06059
365347.77	3764993.98	0.05512	364667.77	3765013.98	0.43508
364687.77	3765013.98	0.47083	364707.77	3765013.98	0.50946
364727.77	3765013.98	0.55088	364787.77	3765013.98	0.68382
364807.77	3765013.98	0.72699	364827.77	3765013.98	0.76608
364847.77	3765013.98	0.79888	364867.77	3765013.98	0.82173
364927.77	3765013.98	0.80916	364947.77	3765013.98	0.77542
364987.77	3765013.98	0.67430	365007.77	3765013.98	0.61097
365047.77	3765013.98	0.47476	365067.77	3765013.98	0.40984
365089.22	3765022.25	0.36413	365107.77	3765013.98	0.29601
365127.77	3765013.98	0.24972	365177.19	3765021.56	0.16959
365327.77	3765013.98	0.06313	364647.77	3765033.98	0.41502
364667.77	3765033.98	0.45244	364687.77	3765033.98	0.49342
364707.77	3765033.98	0.53864	364727.77	3765033.98	0.58803
364787.77	3765033.98	0.75515	364807.77	3765033.98	0.81305
364827.77	3765033.98	0.86841	364847.77	3765033.98	0.91808
364907.77	3765033.98	0.99072	364927.77	3765033.98	0.97763
364967.77	3765033.98	0.89283	364987.77	3765033.98	0.82208
365040.35	3765045.52	0.65780	365047.77	3765033.98	0.55916
365081.79	3765036.73	0.42857	365102.74	3765037.11	0.35362
365115.93	3765028.17	0.29754	365167.77	3765033.98	0.19169
364667.77	3765053.98	0.46748	364687.77	3765053.98	0.51380
364707.77	3765053.98	0.56586	364767.77	3765053.98	0.75662
364787.77	3765053.98	0.82999	364807.77	3765053.98	0.90631
364827.77	3765053.98	0.98304	364847.77	3765053.98	1.05579
364887.77	3765053.98	1.17009	364907.77	3765053.98	1.19959
364947.77	3765053.98	1.17289	364967.77	3765053.98	1.11344

365027.77	3765053.98	0.79041	365073.47	3765062.47	0.56406
365090.56	3765063.14	0.47364	365097.13	3765048.66	0.40124
365147.77	3765053.98	0.24909	365164.40	3765046.03	0.20647

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
*** Santa Monica

*** 02/05/23
*** 21:40:02
*** PAGE 110

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365207.77	3765053.98	0.14630	365227.77	3765053.98	0.12573
365287.77	3765053.98	0.08569	365307.77	3765053.98	0.07687
365327.77	3765053.98	0.06937	364607.77	3765073.98	0.35880
364627.77	3765073.98	0.39428	364687.77	3765073.98	0.53136
364747.77	3765073.98	0.73136	364767.77	3765073.98	0.81454
364787.77	3765073.98	0.90590	364807.77	3765073.98	1.00480
364827.77	3765073.98	1.10879	364867.77	3765073.98	1.31462
364887.77	3765073.98	1.40347	364907.77	3765073.98	1.46897
364927.77	3765073.98	1.50066	364947.77	3765073.98	1.48851
365007.77	3765073.98	1.15445	365021.75	3765063.62	0.91876
365082.65	3765075.82	0.56846	365146.54	3765067.22	0.26711
365135.74	3765077.46	0.31401	365207.77	3765073.98	0.15568
365227.77	3765073.98	0.13353	365267.77	3765073.98	0.10223
365287.77	3765073.98	0.09095	365307.77	3765073.98	0.08159
365327.77	3765073.98	0.07365	365347.77	3765073.98	0.06687
364607.77	3765093.98	0.35940	364627.77	3765093.98	0.39673
364647.77	3765093.98	0.43938	364727.77	3765093.98	0.68410
364747.77	3765093.98	0.77046	364767.77	3765093.98	0.86855
364787.77	3765093.98	0.97996	364807.77	3765093.98	1.10504
364867.77	3765093.98	1.54614	364887.77	3765093.98	1.69484
364927.77	3765093.98	1.91310	364947.77	3765093.98	1.93761
364991.25	3765100.94	1.87689	365007.77	3765093.98	1.50732
365130.02	3765090.09	0.35715	365123.92	3765104.35	0.41609
365192.80	3765102.56	0.19645	365207.77	3765093.98	0.16709
365267.77	3765093.98	0.11001	365287.77	3765093.98	0.09799
365307.77	3765093.98	0.08797	365327.77	3765093.98	0.07944
364587.77	3765113.98	0.32371	364607.77	3765113.98	0.35734
364627.77	3765113.98	0.39600	364647.77	3765113.98	0.44062
364667.77	3765113.98	0.49234	364747.77	3765113.98	0.80226
364767.77	3765113.98	0.91540	364787.77	3765113.98	1.04793
364807.77	3765113.98	1.20228	364847.77	3765113.98	1.58562
364867.77	3765113.98	1.81279	364907.77	3765113.98	2.28621
364927.77	3765113.98	2.48483	364987.77	3765113.98	2.36550
364974.19	3765124.83	3.04068	365167.77	3765113.98	0.26272
365187.77	3765113.98	0.21658	365247.77	3765113.98	0.13723
365267.77	3765113.98	0.12131	365287.77	3765113.98	0.10824
365307.77	3765113.98	0.09726	365327.77	3765113.98	0.08791

364587.77	3765133.98	0.31850	364607.77	3765133.98	0.35250
364627.77	3765133.98	0.39190	364647.77	3765133.98	0.43773
364707.77	3765133.98	0.62903	364787.77	3765133.98	1.10470

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
 *** Santa Monica

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 *** PAGE 111

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364847.77	3765133.98	1.78556	364867.77	3765133.98	2.10610
364887.77	3765133.98	2.47826	364907.77	3765133.98	2.88631
364967.77	3765133.98	3.65650	365173.25	3765141.68	0.29577
365183.33	3765128.95	0.24539	365227.77	3765133.98	0.17927
365247.77	3765133.98	0.15721	365287.77	3765133.98	0.12445
365307.77	3765133.98	0.11183	365327.77	3765133.98	0.10107
364587.77	3765153.98	0.31121	364607.77	3765153.98	0.34508
364627.77	3765153.98	0.38457	364647.77	3765153.98	0.43082
364687.77	3765153.98	0.54997	364707.77	3765153.98	0.62733
364727.77	3765153.98	0.72063	364747.77	3765153.98	0.83409
364827.77	3765153.98	1.63130	364847.77	3765153.98	1.97633
364887.77	3765153.98	2.96291	364907.77	3765153.98	3.63251
364948.79	3765161.56	5.98542	364970.02	3765159.71	6.37891
365152.93	3765164.42	0.46444	365167.77	3765153.98	0.35087
365227.77	3765153.98	0.21897	365247.77	3765153.98	0.19234
365287.77	3765153.98	0.15159	365307.77	3765153.98	0.13573
365347.77	3765153.98	0.11037	365367.77	3765153.98	0.10011
364587.77	3765173.98	0.30198	364607.77	3765173.98	0.33527
364627.77	3765173.98	0.37422	364667.77	3765173.98	0.47424
364687.77	3765173.98	0.53892	364707.77	3765173.98	0.61730
364727.77	3765173.98	0.71287	364747.77	3765173.98	0.83068
364767.77	3765173.98	0.97754	364827.77	3765173.98	1.71468
364847.77	3765173.98	2.13100	364867.77	3765173.98	2.69208
364887.77	3765173.98	3.45387	364941.22	3765177.67	7.47296
364967.77	3765173.98	9.20252	365127.77	3765173.98	0.72306
365147.77	3765173.98	0.57295	365207.77	3765173.98	0.34105
365227.77	3765173.98	0.29462	365247.77	3765173.98	0.25641
365267.77	3765173.98	0.22453	365287.77	3765173.98	0.19765
365307.77	3765173.98	0.17507	365347.77	3765173.98	0.13942
365367.77	3765173.98	0.12521	364587.77	3765193.98	0.29109
364607.77	3765193.98	0.32332	364667.77	3765193.98	0.45848
364687.77	3765193.98	0.52198	364707.77	3765193.98	0.59943
364727.77	3765193.98	0.69457	364747.77	3765193.98	0.81295
364787.77	3765193.98	1.15477	364807.77	3765193.98	1.40851
364847.77	3765193.98	2.21789	364867.77	3765193.98	2.88652
364927.77	3765193.98	7.56619	364955.35	3765151.39	5.07504
365125.68	3765201.29	1.51939	365147.77	3765193.98	0.92531

365187.77	3765193.98	0.62306	365207.77	3765193.98	0.51981
365247.77	3765193.98	0.37146	365267.77	3765193.98	0.31739
365287.77	3765193.98	0.26735	365327.77	3765193.98	0.20826

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*** AERMOD - VERSION 21112 ***    *** SMM-08 (Phase 1) Construction HRA    ***    02/05/23
*** AERMET - VERSION 16216 ***    *** Santa Monica    ***    21:40:02
                                     ***    PAGE 112

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*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ONSITE  ***
    INCLUDING SOURCE(S):      1          , 2          ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365347.77	3765193.98	0.18353	365367.77	3765193.98	0.16257
365387.77	3765193.98	0.14470	365407.77	3765193.98	0.12937
364587.77	3765213.98	0.27885	364647.77	3765213.98	0.38809
364667.77	3765213.98	0.43856	364687.77	3765213.98	0.49950
364707.77	3765213.98	0.57434	364727.77	3765213.98	0.66646
364787.77	3765213.98	1.11913	364807.77	3765213.98	1.37383
364827.77	3765213.98	1.72244	364907.77	3765213.98	5.93587
364917.33	3765219.71	7.45259	365118.89	3765212.76	2.61948
365187.77	3765213.98	1.07397	365207.77	3765213.98	0.85296
365247.77	3765213.98	0.55814	365267.77	3765213.98	0.45561
365307.77	3765213.98	0.32501	365327.77	3765213.98	0.28446
365347.77	3765213.98	0.24791	365387.77	3765213.98	0.18934
365407.77	3765213.98	0.16701	365427.77	3765213.98	0.14816
364587.77	3765233.98	0.26559	364627.77	3765233.98	0.32830
364647.77	3765233.98	0.36799	364667.77	3765233.98	0.41496
364687.77	3765233.98	0.47227	364707.77	3765233.98	0.54334
364727.77	3765233.98	0.63018	364767.77	3765233.98	0.87711
364787.77	3765233.98	1.05787	364807.77	3765233.98	1.29855
364827.77	3765233.98	1.62473	364847.77	3765233.98	2.09357
364927.77	3765233.98	10.22190	365106.29	3765240.48	11.77480
365111.23	3765225.10	5.24725	365167.77	3765233.98	2.52282
365187.77	3765233.98	1.84685	365227.77	3765233.98	1.04847
365247.77	3765233.98	0.82069	365267.77	3765233.98	0.66051
365307.77	3765233.98	0.45076	365327.77	3765233.98	0.39048
365367.77	3765233.98	0.28843	365387.77	3765233.98	0.24921
365407.77	3765233.98	0.21697	365427.77	3765233.98	0.19020
365447.77	3765233.98	0.16776	365507.77	3765233.98	0.11871
364627.77	3765253.98	0.30921	364647.77	3765253.98	0.34545
364667.77	3765253.98	0.38865	364687.77	3765253.98	0.44117
364707.77	3765253.98	0.50674	364747.77	3765253.98	0.68694
364767.77	3765253.98	0.81281	364787.77	3765253.98	0.97547
364807.77	3765253.98	1.18661	364827.77	3765253.98	1.47508
364887.77	3765253.98	3.58457	365096.08	3765253.98	25.31311
365147.77	3765253.98	6.15585	365167.77	3765253.98	4.13293
365207.77	3765253.98	2.04595	365227.77	3765253.98	1.53375
365247.77	3765253.98	1.19043	365287.77	3765253.98	0.75274
365307.77	3765253.98	0.61927	365327.77	3765253.98	0.53074

365347.77	3765253.98	0.45033	365367.77	3765253.98	0.38113
365387.77	3765253.98	0.32548	365407.77	3765253.98	0.28028
365427.77	3765253.98	0.24328	365447.77	3765253.98	0.21259

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA ***
*** Santa Monica ***

*** 02/05/23 ***
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*** PAGE 113 ***

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365487.77	3765253.98	0.16496	364607.77	3765273.98	0.26142
364627.77	3765273.98	0.28931	364647.77	3765273.98	0.32216
364667.77	3765273.98	0.36115	364687.77	3765273.98	0.40881
364727.77	3765273.98	0.53970	364747.77	3765273.98	0.62753
364767.77	3765273.98	0.73758	364787.77	3765273.98	0.87626
364807.77	3765273.98	1.05605	364827.77	3765273.98	1.29871
364867.77	3765273.98	2.16197	364887.77	3765273.98	2.96636
364907.77	3765273.98	4.27562	364927.77	3765273.98	6.62010
365089.63	3765267.30	36.64515	365127.77	3765273.98	13.27285
365147.77	3765273.98	8.52799	365167.77	3765273.98	5.75731
365187.77	3765273.98	4.01718	365207.77	3765273.98	2.86281
365227.77	3765273.98	2.13633	365267.77	3765273.98	1.27164
365287.77	3765273.98	1.00876	365307.77	3765273.98	0.83870
365327.77	3765273.98	0.70104	365347.77	3765273.98	0.58580
365367.77	3765273.98	0.49206	365387.77	3765273.98	0.41758
365407.77	3765273.98	0.35677	365427.77	3765273.98	0.30723
365447.77	3765273.98	0.26637	365467.77	3765273.98	0.23213
364587.77	3765293.98	0.22268	364607.77	3765293.98	0.24451
364627.77	3765293.98	0.26963	364647.77	3765293.98	0.29885
364667.77	3765293.98	0.33342	364687.77	3765293.98	0.37641
364727.77	3765293.98	0.48870	364747.77	3765293.98	0.56492
364767.77	3765293.98	0.65763	364787.77	3765293.98	0.77374
364807.77	3765293.98	0.92241	364867.77	3765293.98	1.76870
364887.77	3765293.98	2.33930	364907.77	3765293.98	3.17123
364927.77	3765293.98	4.46260	364947.77	3765293.98	6.69097
365049.08	3765286.12	43.75474 Residential MER	365058.68	3765297.13	32.11429
365127.77	3765293.98	14.01278	365147.77	3765293.98	9.72082
365167.77	3765293.98	6.86507	365187.77	3765293.98	4.93840
365207.77	3765293.98	3.62708	365227.77	3765293.98	2.73294
365267.77	3765293.98	1.63060	365287.77	3765293.98	1.29526
365307.77	3765293.98	1.07725	365327.77	3765293.98	0.88932
365387.77	3765293.98	0.52240	365407.77	3765293.98	0.44426
365427.77	3765293.98	0.38071	365447.77	3765293.98	0.32821
365467.77	3765293.98	0.28172	364587.77	3765313.98	0.20836
364607.77	3765313.98	0.22825	364627.77	3765313.98	0.25076
364647.77	3765313.98	0.27635	364667.77	3765313.98	0.30707
364707.77	3765313.98	0.38746	364727.77	3765313.98	0.43972

364747.77	3765313.98	0.50398	364767.77	3765313.98	0.57993
364787.77	3765313.98	0.67528	364847.77	3765313.98	1.14935
364867.77	3765313.98	1.42884	364887.77	3765313.98	1.81498

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
 *** Santa Monica

*** 02/05/23
 *** 21:40:02
 *** PAGE 114

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364907.77	3765313.98	2.33264	364927.77	3765313.98	3.06544
364967.77	3765313.98	6.25139	364987.77	3765313.98	9.80895
365007.77	3765313.98	13.95311	365071.85	3765307.48	24.07587
365107.77	3765313.98	16.23878	365127.77	3765313.98	12.72746
365147.77	3765313.98	9.66298	365167.77	3765313.98	7.27203
365187.77	3765313.98	5.48441	365207.77	3765313.98	4.17059
365247.77	3765313.98	2.50268	365267.77	3765313.98	1.97618
365287.77	3765313.98	1.58514	365307.77	3765313.98	1.30876
365327.77	3765313.98	1.08038	365347.77	3765313.98	0.89581
365427.77	3765313.98	0.45996	365447.77	3765313.98	0.39279
364587.77	3765333.98	0.19459	364607.77	3765333.98	0.21251
364627.77	3765333.98	0.23248	364647.77	3765333.98	0.25494
364687.77	3765333.98	0.31298	364707.77	3765333.98	0.34976
364727.77	3765333.98	0.39417	364747.77	3765333.98	0.44735
364767.77	3765333.98	0.50923	364787.77	3765333.98	0.58648
364827.77	3765333.98	0.79750	364847.77	3765333.98	0.94836
364867.77	3765333.98	1.14719	364887.77	3765333.98	1.40957
364907.77	3765333.98	1.74221	364927.77	3765333.98	2.18733
364947.77	3765333.98	2.84749	364967.77	3765333.98	3.92028
364987.77	3765333.98	5.63537	365007.77	3765333.98	7.83141
365027.77	3765333.98	9.89005	365107.77	3765333.98	12.16914
365127.77	3765333.98	10.53274	365147.77	3765333.98	8.70596
365167.77	3765333.98	7.00824	365187.77	3765333.98	5.57318
365227.77	3765333.98	3.51220	365247.77	3765333.98	2.80686
365267.77	3765333.98	2.26161	365287.77	3765333.98	1.84441
365307.77	3765333.98	1.51990	365327.77	3765333.98	1.25933
365347.77	3765333.98	1.05052	365367.77	3765333.98	0.88358
365387.77	3765333.98	0.74554	365427.77	3765333.98	0.54397
364587.77	3765353.98	0.18163	364607.77	3765353.98	0.19740
364627.77	3765353.98	0.21485	364647.77	3765353.98	0.23493
364687.77	3765353.98	0.28452	364707.77	3765353.98	0.31533
364727.77	3765353.98	0.35270	364747.77	3765353.98	0.39601
364767.77	3765353.98	0.44643	364827.77	3765353.98	0.66955
364847.77	3765353.98	0.78289	364867.77	3765353.98	0.92318
364887.77	3765353.98	1.10216	364907.77	3765353.98	1.32921
364927.77	3765353.98	1.61903	364947.77	3765353.98	2.03181
364967.77	3765353.98	2.66142	364987.77	3765353.98	3.60855

365007.77	3765353.98	4.86059	365027.77	3765353.98	6.18241
365047.77	3765353.98	7.48356	365127.77	3765353.98	8.28093
365147.77	3765353.98	7.34876	365167.77	3765353.98	6.30127

365207.77	3765393.98	3.72074	365227.77	3765393.98	3.28329
365247.77	3765393.98	2.86364	365267.77	3765393.98	2.48011
365287.77	3765393.98	2.14050	365307.77	3765393.98	1.84387

364867.77	3765453.98	0.36879	364887.77	3765453.98	0.40712
364907.77	3765453.98	0.45409	364927.77	3765453.98	0.51356
364947.77	3765453.98	0.58283	364967.77	3765453.98	0.67225

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
*** Santa Monica

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365007.77	3765453.98	0.94044	365027.77	3765453.98	1.12018
365047.77	3765453.98	1.33405	365067.77	3765453.98	1.57181
365087.77	3765453.98	1.81643	365107.77	3765453.98	2.04433
365147.77	3765453.98	2.36950	365167.77	3765453.98	2.43703
365187.77	3765453.98	2.45483	365207.77	3765453.98	2.40614
365227.77	3765453.98	2.31176	365247.77	3765453.98	2.18097
365327.77	3765453.98	1.53693	365347.77	3765453.98	1.38522
365367.77	3765453.98	1.24407	364747.77	3765473.98	0.19454
364767.77	3765473.98	0.20974	364787.77	3765473.98	0.22635
364807.77	3765473.98	0.24469	364827.77	3765473.98	0.26577
364847.77	3765473.98	0.28871	364867.77	3765473.98	0.31468
364887.77	3765473.98	0.34549	364907.77	3765473.98	0.38291
364927.77	3765473.98	0.42602	364947.77	3765473.98	0.47735
365007.77	3765473.98	0.74070	365027.77	3765473.98	0.87819
365047.77	3765473.98	1.03969	365067.77	3765473.98	1.22049
365087.77	3765473.98	1.41195	365127.77	3765473.98	1.76833
365147.77	3765473.98	1.89355	365167.77	3765473.98	1.98331
365187.77	3765473.98	2.04016	365207.77	3765473.98	2.03574
365227.77	3765473.98	1.99767	365247.77	3765473.98	1.92509
365267.77	3765473.98	1.82493	365287.77	3765473.98	1.70813
364747.77	3765493.98	0.17382	364767.77	3765493.98	0.18626
364787.77	3765493.98	0.19994	364807.77	3765493.98	0.21518
364827.77	3765493.98	0.23239	364847.77	3765493.98	0.25042
364867.77	3765493.98	0.27141	364887.77	3765493.98	0.29589
364907.77	3765493.98	0.32425	364927.77	3765493.98	0.35671
364947.77	3765493.98	0.39949	364987.77	3765493.98	0.51870
365007.77	3765493.98	0.60138	365027.77	3765493.98	0.70683
365047.77	3765493.98	0.83164	365067.77	3765493.98	0.97262
365087.77	3765493.98	1.12369	365127.77	3765493.98	1.41272
365147.77	3765493.98	1.53119	365167.77	3765493.98	1.62485
365187.77	3765493.98	1.69072	365207.77	3765493.98	1.71734
365227.77	3765493.98	1.71577	365247.77	3765493.98	1.68209
365267.77	3765493.98	1.62173	365287.77	3765493.98	1.54510
365307.77	3765493.98	1.45664	365327.77	3765493.98	1.36133
364787.77	3765513.98	0.17736	364807.77	3765513.98	0.19020
364847.77	3765513.98	0.21892	364867.77	3765513.98	0.23608
364887.77	3765513.98	0.25563	364907.77	3765513.98	0.27765

364927.77	3765513.98	0.30387	364967.77	3765513.98	0.37999
364987.77	3765513.98	0.42966	365007.77	3765513.98	0.49690
365027.77	3765513.98	0.57981	365047.77	3765513.98	0.67741

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
*** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365067.77	3765513.98	0.78851	365107.77	3765513.98	1.02716
365127.77	3765513.98	1.14325	365147.77	3765513.98	1.24931
365167.77	3765513.98	1.33879	365187.77	3765513.98	1.40534
365207.77	3765513.98	1.44895	365227.77	3765513.98	1.46647
365247.77	3765513.98	1.45780	365267.77	3765513.98	1.42706
365287.77	3765513.98	1.38176	365307.77	3765513.98	1.32266
365327.77	3765513.98	1.25439	364867.77	3765533.98	0.20658
364887.77	3765533.98	0.22230	364907.77	3765533.98	0.24050
364967.77	3765533.98	0.32104	364987.77	3765533.98	0.36346
365007.77	3765533.98	0.41797	365027.77	3765533.98	0.48319
365047.77	3765533.98	0.56099	365087.77	3765533.98	0.74232
365107.77	3765533.98	0.83936	365127.77	3765533.98	0.93687
365147.77	3765533.98	1.02915	365167.77	3765533.98	1.10996
365187.77	3765533.98	1.17379	365207.77	3765533.98	1.22535
365227.77	3765533.98	1.24995	365247.77	3765533.98	1.25559
365267.77	3765533.98	1.24731	365287.77	3765533.98	1.22487
365307.77	3765533.98	1.18943	364947.77	3765553.98	0.25061
364967.77	3765553.98	0.27800	364987.77	3765553.98	0.31307
365007.77	3765553.98	0.35690	365027.77	3765553.98	0.40966
365047.77	3765553.98	0.47186	365087.77	3765553.98	0.61560
365107.77	3765553.98	0.69485	365127.77	3765553.98	0.77580
365147.77	3765553.98	0.85359	365167.77	3765553.98	0.92464
365187.77	3765553.98	0.98656	365207.77	3765553.98	1.03311
365227.77	3765553.98	1.06439	365247.77	3765553.98	1.08280
365267.77	3765553.98	1.08958	365287.77	3765553.98	1.08332
364927.77	3765573.98	0.20140	364947.77	3765573.98	0.22007
364967.77	3765573.98	0.24344	364987.77	3765573.98	0.27248
365007.77	3765573.98	0.30808	365027.77	3765573.98	0.35152
365067.77	3765573.98	0.45660	365087.77	3765573.98	0.51649
365107.77	3765573.98	0.58173	365127.77	3765573.98	0.64848
365147.77	3765573.98	0.71393	365167.77	3765573.98	0.77560
365187.77	3765573.98	0.83176	365207.77	3765573.98	0.87464
365227.77	3765573.98	0.90862	365247.77	3765573.98	0.93313
365267.77	3765573.98	0.94750	365287.77	3765573.98	0.95178
364927.77	3765593.98	0.17911	364947.77	3765593.98	0.19523
364967.77	3765593.98	0.21496	364987.77	3765593.98	0.23880
365007.77	3765593.98	0.26853	365047.77	3765593.98	0.34449

365067.77	3765593.98	0.38863	365087.77	3765593.98	0.43773
365107.77	3765593.98	0.49181	365127.77	3765593.98	0.54673
365147.77	3765593.98	0.60181	365167.77	3765593.98	0.65519

364981.03	3765200.64	26.20519	365079.71	3765089.51	0.65944
364996.21	3765200.81	23.06497	365028.49	3765220.93	48.25608
364980.26	3765188.39	15.60650	365023.63	3765130.02	2.26542

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
*** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364887.77	3764713.98	0.10262	364907.77	3764713.98	0.10105
364927.77	3764713.98	0.09930	364947.77	3764713.98	0.09741
364967.77	3764713.98	0.09560	364987.77	3764713.98	0.09369
365007.77	3764713.98	0.09172	365027.77	3764713.98	0.08972
365067.77	3764713.98	0.08563	365087.77	3764713.98	0.08354
365107.77	3764713.98	0.08146	365127.77	3764713.98	0.07940
365147.77	3764713.98	0.07727	365167.77	3764713.98	0.07521
365187.77	3764713.98	0.07318	365207.77	3764713.98	0.07120
365287.77	3764713.98	0.06349	365307.77	3764713.98	0.06163
365327.77	3764713.98	0.05980	365347.77	3764713.98	0.05801
364907.77	3764733.98	0.10865	364927.77	3764733.98	0.10666
364947.77	3764733.98	0.10446	364967.77	3764733.98	0.10248
364987.77	3764733.98	0.10025	365007.77	3764733.98	0.09798
365027.77	3764733.98	0.09574	365047.77	3764733.98	0.09350
365107.77	3764733.98	0.08646	365127.77	3764733.98	0.08419
365147.77	3764733.98	0.08184	365167.77	3764733.98	0.07953
365187.77	3764733.98	0.07728	365207.77	3764733.98	0.07509
365227.77	3764733.98	0.07296	365247.77	3764733.98	0.07084
365327.77	3764733.98	0.06263	365347.77	3764733.98	0.06068
365367.77	3764733.98	0.05875	364887.77	3764753.98	0.11921
364947.77	3764753.98	0.11244	364967.77	3764753.98	0.11007
364987.77	3764753.98	0.10755	365007.77	3764753.98	0.10498
365027.77	3764753.98	0.10240	365067.77	3764753.98	0.09718
365087.77	3764753.98	0.09456	365127.77	3764753.98	0.08934
365147.77	3764753.98	0.08677	365167.77	3764753.98	0.08424
365187.77	3764753.98	0.08177	365207.77	3764753.98	0.07934
365227.77	3764753.98	0.07697	365247.77	3764753.98	0.07465
365267.77	3764753.98	0.07234	365347.77	3764753.98	0.06354
365367.77	3764753.98	0.06145	365387.77	3764753.98	0.05938
365407.77	3764753.98	0.05736	364827.77	3764773.98	0.13543
364847.77	3764773.98	0.13355	364867.77	3764773.98	0.13136
364887.77	3764773.98	0.12907	364907.77	3764773.98	0.12661
364967.77	3764773.98	0.11848	364987.77	3764773.98	0.11561
365007.77	3764773.98	0.11269	365027.77	3764773.98	0.10973

365067.77	3764773.98	0.10382	365087.77	3764773.98	0.10089
365107.77	3764773.98	0.09795	365167.77	3764773.98	0.08936
365187.77	3764773.98	0.08662	365207.77	3764773.98	0.08394
365227.77	3764773.98	0.08132	365247.77	3764773.98	0.07877
365267.77	3764773.98	0.07624	365287.77	3764773.98	0.07375
365307.77	3764773.98	0.07131	365387.77	3764773.98	0.06208

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
 *** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365407.77	3764773.98	0.05989	365427.77	3764773.98	0.05775
364807.77	3764793.98	0.14993	364827.77	3764793.98	0.14796
364847.77	3764793.98	0.14557	364867.77	3764793.98	0.14297
364887.77	3764793.98	0.14018	364947.77	3764793.98	0.13111
365007.77	3764793.98	0.12117	365027.77	3764793.98	0.11780
365067.77	3764793.98	0.11109	365087.77	3764793.98	0.10781
365107.77	3764793.98	0.10455	365127.77	3764793.98	0.10132
365147.77	3764793.98	0.09810	365187.77	3764793.98	0.09188
365207.77	3764793.98	0.08893	365227.77	3764793.98	0.08605
365247.77	3764793.98	0.08323	365267.77	3764793.98	0.08044
365287.77	3764793.98	0.07772	365307.77	3764793.98	0.07506
365327.77	3764793.98	0.07244	365407.77	3764793.98	0.06259
365427.77	3764793.98	0.06028	365447.77	3764793.98	0.05805
365467.77	3764793.98	0.05590	364787.77	3764813.98	0.16692
364807.77	3764813.98	0.16492	364827.77	3764813.98	0.16237
364847.77	3764813.98	0.15939	364867.77	3764813.98	0.15627
364927.77	3764813.98	0.14584	364947.77	3764813.98	0.14215
364967.77	3764813.98	0.13835	365047.77	3764813.98	0.12292
365067.77	3764813.98	0.11915	365087.77	3764813.98	0.11544
365107.77	3764813.98	0.11176	365127.77	3764813.98	0.10813
365147.77	3764813.98	0.10457	365167.77	3764813.98	0.10105
365227.77	3764813.98	0.09112	365247.77	3764813.98	0.08803
365267.77	3764813.98	0.08497	365287.77	3764813.98	0.08197
365307.77	3764813.98	0.07904	365327.77	3764813.98	0.07618
365347.77	3764813.98	0.07339	365367.77	3764813.98	0.07068
365447.77	3764813.98	0.06058	365467.77	3764813.98	0.05826
364787.77	3764833.98	0.18510	364807.77	3764833.98	0.18239
364827.77	3764833.98	0.17907	364847.77	3764833.98	0.17538
364867.77	3764833.98	0.17158	364927.77	3764833.98	0.15901
364967.77	3764833.98	0.15019	364985.50	3764826.89	0.14206
365067.77	3764833.98	0.12807	365087.77	3764833.98	0.12386
365107.77	3764833.98	0.11971	365127.77	3764833.98	0.11562
365147.77	3764833.98	0.11165	365167.77	3764833.98	0.10775
365187.77	3764833.98	0.10394	365247.77	3764833.98	0.09323

365267.77	3764833.98	0.08986	365287.77	3764833.98	0.08656
365307.77	3764833.98	0.08334	365327.77	3764833.98	0.08020
365347.77	3764833.98	0.07714	365367.77	3764833.98	0.07419
365387.77	3764833.98	0.07133	364767.77	3764853.98	0.20930
364787.77	3764853.98	0.20655	364807.77	3764853.98	0.20292
364827.77	3764853.98	0.19870	364847.77	3764853.98	0.19414

*** AERMOD - VERSION 21112 *** ** SMM-08 (Phase 1) Construction HRA *** 02/05/23
*** AERMET - VERSION 16216 *** ** Santa Monica *** 21:40:02
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364907.77	3764853.98	0.17932	364927.77	3764853.98	0.17411
364947.77	3764853.98	0.16882	364985.50	3764846.89	0.15420
365027.77	3764853.98	0.14790	365087.77	3764853.98	0.13315
365107.77	3764853.98	0.12847	365167.77	3764853.98	0.11507
365187.77	3764853.98	0.11084	365207.77	3764853.98	0.10674
365227.77	3764853.98	0.10278	365287.77	3764853.98	0.09151
365307.77	3764853.98	0.08799	365327.77	3764853.98	0.08453
365347.77	3764853.98	0.08118	365367.77	3764853.98	0.07795
365387.77	3764853.98	0.07484	365407.77	3764853.98	0.07184
365427.77	3764853.98	0.06894	364747.77	3764873.98	0.23874
364767.77	3764873.98	0.23605	364787.77	3764873.98	0.23221
364807.77	3764873.98	0.22740	364827.77	3764873.98	0.22195
364887.77	3764873.98	0.20399	364907.77	3764873.98	0.19771
364947.77	3764873.98	0.18495	364967.77	3764873.98	0.17865
365011.78	3764867.71	0.16084	365060.28	3764876.06	0.15234
365167.77	3764873.98	0.12312	365187.77	3764873.98	0.11837
365207.77	3764873.98	0.11378	365227.77	3764873.98	0.10938
365247.77	3764873.98	0.10509	365307.77	3764873.98	0.09300
365327.77	3764873.98	0.08922	365347.77	3764873.98	0.08556
365367.77	3764873.98	0.08204	365387.77	3764873.98	0.07864
365407.77	3764873.98	0.07536	365427.77	3764873.98	0.07220
364747.77	3764893.98	0.27290	364767.77	3764893.98	0.26844
364787.77	3764893.98	0.26327	364807.77	3764893.98	0.25688
364827.77	3764893.98	0.24969	364887.77	3764893.98	0.22682
364907.77	3764893.98	0.21897	364927.77	3764893.98	0.21115
364947.77	3764893.98	0.20339	365007.77	3764893.98	0.18144
365025.51	3764901.47	0.18101	365047.77	3764893.98	0.16784
365067.77	3764893.98	0.16137	365087.77	3764893.98	0.15508
365147.77	3764893.98	0.13748	365167.77	3764893.98	0.13200
365187.77	3764893.98	0.12669	365207.77	3764893.98	0.12154
365227.77	3764893.98	0.11663	365247.77	3764893.98	0.11186
365267.77	3764893.98	0.10725	365347.77	3764893.98	0.09032
365367.77	3764893.98	0.08646	365387.77	3764893.98	0.08275
365407.77	3764893.98	0.07916	364727.77	3764913.98	0.31955

364747.77	3764913.98	0.31551	364767.77	3764913.98	0.30904
364787.77	3764913.98	0.30147	364807.77	3764913.98	0.29261
364867.77	3764913.98	0.26349	364887.77	3764913.98	0.25353
364907.77	3764913.98	0.24366	364927.77	3764913.98	0.23398
364987.77	3764913.98	0.20683	365007.77	3764913.98	0.19846
365027.77	3764913.98	0.19035	365047.77	3764913.98	0.18268

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*** AERMOD - VERSION 21112 ***      *** SMM-08 (Phase 1) Construction HRA      ***      02/05/23
*** AERMET - VERSION 16216 ***      *** Santa Monica                      ***      21:40:02
***                                     ***                                     ***      PAGE 124

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*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
      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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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365121.31	3764918.09	0.15919	365187.77	3764913.98	0.13591
365207.77	3764913.98	0.13018	365227.77	3764913.98	0.12462
365247.77	3764913.98	0.11925	365267.77	3764913.98	0.11414
365287.77	3764913.98	0.10922	365307.77	3764913.98	0.10443
365367.77	3764913.98	0.09126	365387.77	3764913.98	0.08720
364727.77	3764933.98	0.37714	364747.77	3764933.98	0.37000
364767.77	3764933.98	0.36034	364787.77	3764933.98	0.34912
364847.77	3764933.98	0.31084	364867.77	3764933.98	0.29782
364887.77	3764933.98	0.28501	364907.77	3764933.98	0.27256
364987.77	3764933.98	0.22779	365007.77	3764933.98	0.21790
365027.77	3764933.98	0.20850	365047.77	3764933.98	0.19957
365107.77	3764933.98	0.17487	365127.77	3764933.98	0.16727
365147.77	3764933.98	0.15993	365207.77	3764933.98	0.13972
365227.77	3764933.98	0.13351	365247.77	3764933.98	0.12753
365267.77	3764933.98	0.12182	365287.77	3764933.98	0.11633
365307.77	3764933.98	0.11100	365327.77	3764933.98	0.10599
364707.77	3764953.98	0.46069	364727.77	3764953.98	0.45382
364747.77	3764953.98	0.44137	364767.77	3764953.98	0.42650
364787.77	3764953.98	0.40956	364847.77	3764953.98	0.35635
364867.77	3764953.98	0.33903	364887.77	3764953.98	0.32246
364907.77	3764953.98	0.30667	364967.77	3764953.98	0.26445
364987.77	3764953.98	0.25195	365027.77	3764953.98	0.22935
365087.77	3764953.98	0.19940	365107.77	3764953.98	0.19035
365127.77	3764953.98	0.18166	365147.77	3764953.98	0.17330
365167.77	3764953.98	0.16530	365247.77	3764953.98	0.13674
365267.77	3764953.98	0.13035	365287.77	3764953.98	0.12422
365307.77	3764953.98	0.11829	365327.77	3764953.98	0.11271
365347.77	3764953.98	0.10736	365367.77	3764953.98	0.10223
364687.77	3764973.98	0.57716	364707.77	3764973.98	0.57402
364727.77	3764973.98	0.55955	364747.77	3764973.98	0.53831
364767.77	3764973.98	0.51381	364827.77	3764973.98	0.43623
364847.77	3764973.98	0.41208	364867.77	3764973.98	0.38909
364887.77	3764973.98	0.36751	364907.77	3764973.98	0.34734
364947.77	3764973.98	0.31119	364967.77	3764973.98	0.29509

365007.77	3764973.98	0.26638	365027.77	3764973.98	0.25342
365067.77	3764973.98	0.22945	365087.77	3764973.98	0.21843
365107.77	3764973.98	0.20795	365127.77	3764973.98	0.19799
365147.77	3764973.98	0.18835	365167.77	3764973.98	0.17920
365267.77	3764973.98	0.13985	365287.77	3764973.98	0.13304
365307.77	3764973.98	0.12645	365327.77	3764973.98	0.12017

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
*** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365347.77	3764973.98	0.11420	364667.77	3764993.98	0.74247			
364687.77	3764993.98	0.75620	364707.77	3764993.98	0.74197			
364727.77	3764993.98	0.71132	364747.77	3764993.98	0.67301			
364807.77	3764993.98	0.55150	364827.77	3764993.98	0.51513			
364847.77	3764993.98	0.48161	364867.77	3764993.98	0.45073			
364887.77	3764993.98	0.42238	364927.77	3764993.98	0.37276			
364947.77	3764993.98	0.35116	364987.77	3764993.98	0.31354			
365007.77	3764993.98	0.29697	365067.77	3764993.98	0.25322			
365087.77	3764993.98	0.24033	365107.77	3764993.98	0.22812			
365127.77	3764993.98	0.21656	365147.77	3764993.98	0.20547			
365307.77	3764993.98	0.13547	365327.77	3764993.98	0.12848			
365347.77	3764993.98	0.12184	364667.77	3765013.98	1.04614			
364687.77	3765013.98	1.05229	364707.77	3765013.98	1.00775			
364727.77	3765013.98	0.94031	364787.77	3765013.98	0.72928			
364807.77	3765013.98	0.67004	364827.77	3765013.98	0.61711			
364847.77	3765013.98	0.57007	364867.77	3765013.98	0.52802			
364927.77	3765013.98	0.42663	364947.77	3765013.98	0.39956			
364987.77	3765013.98	0.35340	365007.77	3765013.98	0.33325			
365047.77	3765013.98	0.29713	365067.77	3765013.98	0.28097			
365089.22	3765022.25	0.27635	365107.77	3765013.98	0.25143			
365127.77	3765013.98	0.23793	365177.19	3765021.56	0.21504			
365327.77	3765013.98	0.13774	364647.77	3765033.98	1.48519			
364667.77	3765033.98	1.64808	364687.77	3765033.98	1.60134			
364707.77	3765033.98	1.46035	364727.77	3765033.98	1.30315			
364787.77	3765033.98	0.92349	364807.77	3765033.98	0.83158			
364827.77	3765033.98	0.75315	364847.77	3765033.98	0.68587			
364907.77	3765033.98	0.53265	364927.77	3765033.98	0.49371			
364967.77	3765033.98	0.42931	364987.77	3765033.98	0.40185			
365040.35	3765045.52	0.36543	365047.77	3765033.98	0.33299			
365081.79	3765036.73	0.30551	365102.74	3765037.11	0.28756			
365115.93	3765028.17	0.26396	365167.77	3765033.98	0.23408			
364667.77	3765053.98	3.16293	364687.77	3765053.98	2.77602			
364707.77	3765053.98	2.31092	364767.77	3765053.98	1.39480			
364787.77	3765053.98	1.21060	364807.77	3765053.98	1.06317			

364827.77	3765053.98	0.94268	364847.77	3765053.98	0.84310
364887.77	3765053.98	0.69011	364907.77	3765053.98	0.63069
364947.77	3765053.98	0.53518	364967.77	3765053.98	0.49634
365027.77	3765053.98	0.40203	365073.47	3765062.47	0.36483
365090.56	3765063.14	0.34636	365097.13	3765048.66	0.31175
365147.77	3765053.98	0.27467	365164.40	3765046.03	0.25080

365187.77	3765113.98	0.33719	365247.77	3765113.98	0.27241
365267.77	3765113.98	0.25401	365287.77	3765113.98	0.23690
365307.77	3765113.98	0.22084	365327.77	3765113.98	0.20583
364587.77	3765133.98	0.82246	364607.77	3765133.98	1.11928
364627.77	3765133.98	1.59359	364647.77	3765133.98	2.38616
364707.77	3765133.98	11.47244	364787.77	3765133.98	6.85120

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
 *** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364847.77	3765133.98	2.75383	364867.77	3765133.98	2.21817
364887.77	3765133.98	1.83970	364907.77	3765133.98	1.56008
364967.77	3765133.98	1.03984	365173.25	3765141.68	0.42552
365183.33	3765128.95	0.37615	365227.77	3765133.98	0.32822
365247.77	3765133.98	0.30459	365287.77	3765133.98	0.26242
365307.77	3765133.98	0.24355	365327.77	3765133.98	0.22624
364587.77	3765153.98	0.73998	364607.77	3765153.98	0.95858
364627.77	3765153.98	1.27615	364647.77	3765153.98	1.75391
364687.77	3765153.98	3.79132	364707.77	3765153.98	5.93531
364727.77	3765153.98	9.56192	364747.77	3765153.98	13.34667
364827.77	3765153.98	5.82931	364847.77	3765153.98	4.23361
364887.77	3765153.98	2.57748	364907.77	3765153.98	2.11519
364948.79	3765161.56	1.67292	364970.02	3765159.71	1.39551
365152.93	3765164.42	0.54732	365167.77	3765153.98	0.47452
365227.77	3765153.98	0.37172	365247.77	3765153.98	0.34332
365287.77	3765153.98	0.29277	365307.77	3765153.98	0.27039
365347.77	3765153.98	0.23122	365367.77	3765153.98	0.21363
364587.77	3765173.98	0.66048	364607.77	3765173.98	0.82432
364627.77	3765173.98	1.04756	364667.77	3765173.98	1.82536
364687.77	3765173.98	2.50813	364707.77	3765173.98	3.62306
364727.77	3765173.98	5.36999	364747.77	3765173.98	8.07252
364767.77	3765173.98	12.83035	364827.77	3765173.98	10.98011
364847.77	3765173.98	7.16831	364867.77	3765173.98	5.07360
364887.77	3765173.98	3.80977	364941.22	3765177.67	2.27843
364967.77	3765173.98	1.71854	365127.77	3765173.98	0.66496
365147.77	3765173.98	0.60488	365207.77	3765173.98	0.46300
365227.77	3765173.98	0.42485	365247.77	3765173.98	0.39011
365267.77	3765173.98	0.35786	365287.77	3765173.98	0.32862
365307.77	3765173.98	0.30225	365347.77	3765173.98	0.25604
365367.77	3765173.98	0.23553	364587.77	3765193.98	0.58930
364607.77	3765193.98	0.71455	364667.77	3765193.98	1.39749
364687.77	3765193.98	1.82900	364707.77	3765193.98	2.48259
364727.77	3765193.98	3.44241	364747.77	3765193.98	4.81190
364787.77	3765193.98	10.49099	364807.77	3765193.98	14.22134

364847.77	3765193.98	14.18243	364867.77	3765193.98	8.89262
364927.77	3765193.98	3.52262	364955.35	3765151.39	1.38955
365125.68	3765201.29	0.86314	365147.77	3765193.98	0.71786
365187.77	3765193.98	0.59081	365207.77	3765193.98	0.53797
365247.77	3765193.98	0.44714	365267.77	3765193.98	0.40721
365287.77	3765193.98	0.37094	365327.77	3765193.98	0.31157

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 1) Construction HRA *** 02/05/23
*** AERMET - VERSION 16216 *** *** Santa Monica *** 21:40:02
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365347.77	3765193.98	0.28539	365367.77	3765193.98	0.26144
365387.77	3765193.98	0.23916	365407.77	3765193.98	0.21871
364587.77	3765213.98	0.52705	364647.77	3765213.98	0.90749
364667.77	3765213.98	1.11563	364687.77	3765213.98	1.40713
364707.77	3765213.98	1.82587	364727.77	3765213.98	2.41636
364787.77	3765213.98	6.02443	364807.77	3765213.98	8.72237
364827.77	3765213.98	13.67721	364907.77	3765213.98	7.60552
364917.33	3765219.71	7.63359	365118.89	3765212.76	1.00756
365187.77	3765213.98	0.70024	365207.77	3765213.98	0.63226
365247.77	3765213.98	0.51594	365267.77	3765213.98	0.46744
365307.77	3765213.98	0.38610	365327.77	3765213.98	0.35207
365347.77	3765213.98	0.32114	365387.77	3765213.98	0.26579
365407.77	3765213.98	0.24167	365427.77	3765213.98	0.21990
364587.77	3765233.98	0.47250	364627.77	3765233.98	0.64619
364647.77	3765233.98	0.76522	364667.77	3765233.98	0.91850
364687.77	3765233.98	1.12481	364707.77	3765233.98	1.41164
364727.77	3765233.98	1.80524	364767.77	3765233.98	2.99166
364787.77	3765233.98	3.91696	364807.77	3765233.98	5.25443
364827.77	3765233.98	7.31591	364847.77	3765233.98	10.86259
364927.77	3765233.98	9.96215	365106.29	3765240.48	1.50671
365111.23	3765225.10	1.20951	365167.77	3765233.98	0.94373
365187.77	3765233.98	0.84197	365227.77	3765233.98	0.67099
365247.77	3765233.98	0.60290	365267.77	3765233.98	0.54332
365307.77	3765233.98	0.44284	365327.77	3765233.98	0.40186
365367.77	3765233.98	0.32947	365387.77	3765233.98	0.29747
365407.77	3765233.98	0.26875	365427.77	3765233.98	0.24305
365447.77	3765233.98	0.22011	365507.77	3765233.98	0.16562
364627.77	3765253.98	0.56322	364647.77	3765253.98	0.65542
364667.77	3765253.98	0.77128	364687.77	3765253.98	0.92187
364707.77	3765253.98	1.12579	364747.77	3765253.98	1.74005
364767.77	3765253.98	2.17937	364787.77	3765253.98	2.74906
364807.77	3765253.98	3.50901	364827.77	3765253.98	4.57985
364887.77	3765253.98	13.41581	365096.08	3765253.98	1.95804
365147.77	3765253.98	1.33394	365167.77	3765253.98	1.16940

365207.77	3765253.98	0.90160	365227.77	3765253.98	0.80167
365247.77	3765253.98	0.71633	365287.77	3765253.98	0.57265
365307.77	3765253.98	0.51417	365327.77	3765253.98	0.46397
365347.77	3765253.98	0.41753	365367.77	3765253.98	0.37431
365387.77	3765253.98	0.33545	365407.77	3765253.98	0.30090
365427.77	3765253.98	0.27035	365447.77	3765253.98	0.24323

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
 *** Santa Monica

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 *** PAGE 129

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365487.77	3765253.98	0.19810	364607.77	3765273.98	0.43654
364627.77	3765273.98	0.49661	364647.77	3765273.98	0.56952
364667.77	3765273.98	0.65915	364687.77	3765273.98	0.77446
364727.77	3765273.98	1.11635	364747.77	3765273.98	1.35401
364767.77	3765273.98	1.65472	364787.77	3765273.98	2.03032
364807.77	3765273.98	2.51103	364827.77	3765273.98	3.15284
364867.77	3765273.98	5.39438	364887.77	3765273.98	7.32340
364907.77	3765273.98	10.21149	364927.77	3765273.98	14.85638
365089.63	3765267.30	2.55094	365127.77	3765273.98	2.02217
365147.77	3765273.98	1.72162	365167.77	3765273.98	1.48021
365187.77	3765273.98	1.28090	365207.77	3765273.98	1.11327
365227.77	3765273.98	0.97975	365267.77	3765273.98	0.76406
365287.77	3765273.98	0.67579	365307.77	3765273.98	0.60799
365327.77	3765273.98	0.54244	365347.77	3765273.98	0.48257
365367.77	3765273.98	0.42884	365387.77	3765273.98	0.38202
365407.77	3765273.98	0.33980	365427.77	3765273.98	0.30277
365447.77	3765273.98	0.27033	365467.77	3765273.98	0.24160
364587.77	3765293.98	0.35081	364607.77	3765293.98	0.39312
364627.77	3765293.98	0.44236	364647.77	3765293.98	0.50054
364667.77	3765293.98	0.57107	364687.77	3765293.98	0.66288
364727.77	3765293.98	0.91171	364747.77	3765293.98	1.08629
364767.77	3765293.98	1.29798	364787.77	3765293.98	1.56044
364807.77	3765293.98	1.88991	364867.77	3765293.98	3.63361
364887.77	3765293.98	4.67973	364907.77	3765293.98	6.08793
364927.77	3765293.98	8.06357	364947.77	3765293.98	11.11045
365049.08	3765286.12	6.11494	365058.68	3765297.13	7.18731
		Residential MER	365127.77	3765293.98	2.29632
365127.77	3765293.98	2.77407	365147.77	3765293.98	1.64363
365167.77	3765293.98	1.93280	365187.77	3765293.98	1.22510
365207.77	3765293.98	1.41132	365227.77	3765293.98	0.81203
365267.77	3765293.98	0.92712	365287.77	3765293.98	0.64312
365307.77	3765293.98	0.72944	365327.77	3765293.98	0.38688
365387.77	3765293.98	0.43921	365407.77	3765293.98	0.30195
365427.77	3765293.98	0.34142	365447.77	3765293.98	0.32046
365467.77	3765293.98	0.26748	364587.77	3765313.98	

364607.77	3765313.98	0.35669	364627.77	3765313.98	0.39781
364647.77	3765313.98	0.44469	364667.77	3765313.98	0.50233
364707.77	3765313.98	0.65835	364727.77	3765313.98	0.76264
364747.77	3765313.98	0.89304	364767.77	3765313.98	1.04634
364787.77	3765313.98	1.23828	364847.77	3765313.98	2.14524
364867.77	3765313.98	2.64203	364887.77	3765313.98	3.27832

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 1) Construction HRA *** 02/05/23
*** AERMET - VERSION 16216 *** *** Santa Monica *** 21:40:02
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U* *** PAGE 130

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364907.77	3765313.98	4.07961	364927.77	3765313.98	5.12457
364967.77	3765313.98	8.67434	364987.77	3765313.98	12.02430
365007.77	3765313.98	15.29227	365071.85	3765307.48	7.86151
365107.77	3765313.98	5.32616	365127.77	3765313.98	4.08274
365147.77	3765313.98	3.24544	365167.77	3765313.98	2.64689
365187.77	3765313.98	2.19685	365207.77	3765313.98	1.84879
365247.77	3765313.98	1.34582	365267.77	3765313.98	1.15726
365287.77	3765313.98	1.00509	365307.77	3765313.98	0.89036
365327.77	3765313.98	0.77528	365347.77	3765313.98	0.67396
365427.77	3765313.98	0.38762	365447.77	3765313.98	0.33922
364587.77	3765333.98	0.29401	364607.77	3765333.98	0.32511
364627.77	3765333.98	0.35970	364647.77	3765333.98	0.39856
364687.77	3765333.98	0.50113	364707.77	3765333.98	0.56784
364727.77	3765333.98	0.65034	364747.77	3765333.98	0.75001
364767.77	3765333.98	0.86592	364787.77	3765333.98	1.01126
364827.77	3765333.98	1.40024	364847.77	3765333.98	1.66938
364867.77	3765333.98	2.00955	364887.77	3765333.98	2.43027
364907.77	3765333.98	2.94156	364927.77	3765333.98	3.57668
364947.77	3765333.98	4.38700	364967.77	3765333.98	5.46822
364987.77	3765333.98	6.97966	365007.77	3765333.98	9.28787
365027.77	3765333.98	13.06689	365107.77	3765333.98	9.65275
365127.77	3765333.98	6.74077	365147.77	3765333.98	5.00083
365167.77	3765333.98	3.88322	365187.77	3765333.98	3.10805
365227.77	3765333.98	2.11426	365247.77	3765333.98	1.77502
365267.77	3765333.98	1.50643	365287.77	3765333.98	1.29728
365307.77	3765333.98	1.11359	365327.77	3765333.98	0.95430
365347.77	3765333.98	0.81764	365367.77	3765333.98	0.70074
365387.77	3765333.98	0.60033	365427.77	3765333.98	0.44507
364587.77	3765353.98	0.27109	364607.77	3765353.98	0.29744
364627.77	3765353.98	0.32648	364647.77	3765353.98	0.36012
364687.77	3765353.98	0.44353	364707.77	3765353.98	0.49641
364727.77	3765353.98	0.56287	364747.77	3765353.98	0.64030
364767.77	3765353.98	0.73134	364827.77	3765353.98	1.13677
364847.77	3765353.98	1.33805	364867.77	3765353.98	1.57958

364887.77	3765353.98	1.87278	364907.77	3765353.98	2.22678
364927.77	3765353.98	2.64971	364947.77	3765353.98	3.15574
364967.77	3765353.98	3.79213	364987.77	3765353.98	4.63200
365007.77	3765353.98	5.78602	365027.77	3765353.98	7.41035
365047.77	3765353.98	9.98053	365127.77	3765353.98	13.46047
365147.77	3765353.98	8.87907	365167.77	3765353.98	6.35661

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
*** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365187.77	3765353.98	4.78762	365227.77	3765353.98	3.00615
365247.77	3765353.98	2.45803	365267.77	3765353.98	2.04178
365287.77	3765353.98	1.71022	365307.77	3765353.98	1.43434
365327.77	3765353.98	1.20546	365347.77	3765353.98	1.01394
365367.77	3765353.98	0.85312	365387.77	3765353.98	0.71740
365407.77	3765353.98	0.60657	365427.77	3765353.98	0.51561
364587.77	3765373.98	0.25014	364607.77	3765373.98	0.27264
364627.77	3765373.98	0.29813	364667.77	3765373.98	0.35936
364687.77	3765373.98	0.39565	364707.77	3765373.98	0.43877
364727.77	3765373.98	0.49413	364747.77	3765373.98	0.55763
364807.77	3765373.98	0.82306	364827.77	3765373.98	0.94491
364847.77	3765373.98	1.09728	364867.77	3765373.98	1.27781
364887.77	3765373.98	1.49332	364907.77	3765373.98	1.74596
364927.77	3765373.98	2.03408	364947.77	3765373.98	2.38045
364967.77	3765373.98	2.80047	364987.77	3765373.98	3.31811
365007.77	3765373.98	3.97353	365027.77	3765373.98	4.85367
365067.77	3765373.98	7.91679	365087.77	3765373.98	10.71328
365107.77	3765373.98	15.53191	365167.77	3765373.98	12.37662
365207.77	3765373.98	6.10604	365227.77	3765373.98	4.63443
365247.77	3765373.98	3.63094	365267.77	3765373.98	2.90297
365287.77	3765373.98	2.35277	365307.77	3765373.98	1.92209
365327.77	3765373.98	1.57562	365347.77	3765373.98	1.29338
365367.77	3765373.98	1.06259	365387.77	3765373.98	0.87347
365407.77	3765373.98	0.72220	364587.77	3765393.98	0.23150
364607.77	3765393.98	0.25100	364627.77	3765393.98	0.27347
364647.77	3765393.98	0.29914	364667.77	3765393.98	0.32409
364687.77	3765393.98	0.35402	364707.77	3765393.98	0.39225
364727.77	3765393.98	0.43838	364747.77	3765393.98	0.49115
364787.77	3765393.98	0.62221	364807.77	3765393.98	0.70224
364827.77	3765393.98	0.79992	364847.77	3765393.98	0.91763
364867.77	3765393.98	1.05669	364887.77	3765393.98	1.21862
364907.77	3765393.98	1.40308	364927.77	3765393.98	1.60933
364947.77	3765393.98	1.85951	364967.77	3765393.98	2.15156
364987.77	3765393.98	2.49580	365007.77	3765393.98	2.91329

365047.77	3765393.98	4.16154	365067.77	3765393.98	5.09889	
365087.77	3765393.98	6.41016	365107.77	3765393.98	8.39578	
365127.77	3765393.98	11.55756	365147.77	3765393.98	17.03125	Offsite Receptor
365207.77	3765393.98	11.94400	365227.77	3765393.98	8.19346	
365247.77	3765393.98	5.94182	365267.77	3765393.98	4.48067	
365287.77	3765393.98	3.47038	365307.77	3765393.98	2.72859	

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
 *** Santa Monica

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 *** 21:40:02
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365327.77	3765393.98	2.16092	365347.77	3765393.98	1.71572
365367.77	3765393.98	1.36346	365387.77	3765393.98	1.08483
364647.77	3765413.98	0.27134	364667.77	3765413.98	0.29291
364687.77	3765413.98	0.31908	364707.77	3765413.98	0.35251
364727.77	3765413.98	0.39235	364787.77	3765413.98	0.54374
364807.77	3765413.98	0.60945	364827.77	3765413.98	0.68792
364847.77	3765413.98	0.78035	364867.77	3765413.98	0.88972
364887.77	3765413.98	1.01293	364907.77	3765413.98	1.14833
364927.77	3765413.98	1.30602	364947.77	3765413.98	1.49144
364967.77	3765413.98	1.70101	364987.77	3765413.98	1.94238
365047.77	3765413.98	3.03091	365067.77	3765413.98	3.58859
365087.77	3765413.98	4.33216	365107.77	3765413.98	5.34776
365127.77	3765413.98	6.77032	365147.77	3765413.98	8.98363
365187.77	3765413.98	15.58653	365247.77	3765413.98	11.74817
365267.77	3765413.98	7.97688	365287.77	3765413.98	5.71590
365307.77	3765413.98	4.22901	365327.77	3765413.98	3.18030
365347.77	3765413.98	2.40450	365367.77	3765413.98	1.82042
365387.77	3765413.98	1.36635	364647.77	3765433.98	0.24987
364667.77	3765433.98	0.26684	364687.77	3765433.98	0.28912
364707.77	3765433.98	0.31918	364767.77	3765433.98	0.43245
364787.77	3765433.98	0.48008	364807.77	3765433.98	0.53451
364827.77	3765433.98	0.59813	364847.77	3765433.98	0.67303
364867.77	3765433.98	0.75735	364887.77	3765433.98	0.85144
364907.77	3765433.98	0.95752	364927.77	3765433.98	1.08148
364947.77	3765433.98	1.21898	364967.77	3765433.98	1.37365
364987.77	3765433.98	1.55203	365027.77	3765433.98	2.01279
365047.77	3765433.98	2.31073	365067.77	3765433.98	2.68082
365087.77	3765433.98	3.14925	365107.77	3765433.98	3.74246
365127.77	3765433.98	4.56111	365167.77	3765433.98	7.16173
365187.77	3765433.98	9.51713	365207.77	3765433.98	13.74199
365227.77	3765433.98	13.69252	365287.77	3765433.98	11.24725
365307.77	3765433.98	7.48830	365327.77	3765433.98	5.19695
365347.77	3765433.98	3.65242	365367.77	3765433.98	2.55015
364687.77	3765453.98	0.26496	364707.77	3765453.98	0.29112

364747.77	3765453.98	0.35101	364767.77	3765453.98	0.38676
364787.77	3765453.98	0.42701	364807.77	3765453.98	0.47245
364827.77	3765453.98	0.52460	364847.77	3765453.98	0.58513
364867.77	3765453.98	0.65101	364887.77	3765453.98	0.72499
364907.77	3765453.98	0.80952	364927.77	3765453.98	0.90626
364947.77	3765453.98	1.01031	364967.77	3765453.98	1.12841

*** AERMOD - VERSION 21112 *** ** SMM-08 (Phase 1) Construction HRA
 *** AERMET - VERSION 16216 *** ** Santa Monica

*** 02/05/23
 *** 21:40:02
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
      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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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365007.77	3765453.98	1.42359	365027.77	3765453.98	1.60362
365047.77	3765453.98	1.81777	365067.77	3765453.98	2.07679
365087.77	3765453.98	2.39475	365107.77	3765453.98	2.78734
365147.77	3765453.98	3.91003	365167.77	3765453.98	4.70853
365187.77	3765453.98	5.87341	365207.77	3765453.98	7.54381
365227.77	3765453.98	10.32715	365247.77	3765453.98	15.28134
365327.77	3765453.98	10.07232	365347.77	3765453.98	6.24292
365367.77	3765453.98	3.88005	364747.77	3765473.98	0.31785
364767.77	3765473.98	0.34807	364787.77	3765473.98	0.38184
364807.77	3765473.98	0.41972	364827.77	3765473.98	0.46314
364847.77	3765473.98	0.51076	364867.77	3765473.98	0.56385
364887.77	3765473.98	0.62406	364907.77	3765473.98	0.69227
364927.77	3765473.98	0.76585	364947.77	3765473.98	0.84571
365007.77	3765473.98	1.15836	365027.77	3765473.98	1.29847
365047.77	3765473.98	1.45912	365067.77	3765473.98	1.64960
365087.77	3765473.98	1.87931	365127.77	3765473.98	2.49012
365147.77	3765473.98	2.87572	365167.77	3765473.98	3.36962
365187.77	3765473.98	4.04258	365207.77	3765473.98	4.87994
365227.77	3765473.98	6.12791	365247.77	3765473.98	8.03887
365267.77	3765473.98	10.99933	365287.77	3765473.98	16.59697
364747.77	3765493.98	0.28874	364767.77	3765493.98	0.31427
364787.77	3765493.98	0.34282	364807.77	3765493.98	0.37491
364827.77	3765493.98	0.41105	364847.77	3765493.98	0.44957
364867.77	3765493.98	0.49308	364887.77	3765493.98	0.54170
364907.77	3765493.98	0.59502	364927.77	3765493.98	0.65182
364947.77	3765493.98	0.71825	364987.77	3765493.98	0.86667
365007.77	3765493.98	0.95388	365027.77	3765493.98	1.06678
365047.77	3765493.98	1.19692	365067.77	3765493.98	1.34749
365087.77	3765493.98	1.52123	365127.77	3765493.98	1.94804
365147.77	3765493.98	2.21788	365167.77	3765493.98	2.54559
365187.77	3765493.98	2.95291	365207.77	3765493.98	3.45017
365227.77	3765493.98	4.12779	365247.77	3765493.98	5.04347
365267.77	3765493.98	6.30723	365287.77	3765493.98	8.17427
365307.77	3765493.98	11.12378	365327.77	3765493.98	17.01365

364787.77	3765513.98	0.30919	364807.77	3765513.98	0.33661
364847.77	3765513.98	0.39848	364867.77	3765513.98	0.43441
364887.77	3765513.98	0.47378	364907.77	3765513.98	0.51561
364927.77	3765513.98	0.55889	364967.77	3765513.98	0.66313
364987.77	3765513.98	0.72309	365007.77	3765513.98	0.80111
365027.77	3765513.98	0.89271	365047.77	3765513.98	0.99799

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 1) Construction HRA   ***   02/05/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   21:40:02
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*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
      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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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365067.77	3765513.98	1.11852	365107.77	3765513.98	1.39643
365127.77	3765513.98	1.56413	365147.77	3765513.98	1.75946
365167.77	3765513.98	1.98688	365187.77	3765513.98	2.25258
365207.77	3765513.98	2.57578	365227.77	3765513.98	2.97261
365247.77	3765513.98	3.45982	365267.77	3765513.98	4.07017
365287.77	3765513.98	4.92094	365307.77	3765513.98	6.02298
365327.77	3765513.98	7.34726	364867.77	3765533.98	0.38459
364887.77	3765533.98	0.41631	364907.77	3765533.98	0.44841
364967.77	3765533.98	0.56305	364987.77	3765533.98	0.61732
365007.77	3765533.98	0.68337	365027.77	3765533.98	0.75716
365047.77	3765533.98	0.84316	365087.77	3765533.98	1.04152
365107.77	3765533.98	1.15345	365127.77	3765533.98	1.28147
365147.77	3765533.98	1.42600	365167.77	3765533.98	1.58929
365187.77	3765533.98	1.77266	365207.77	3765533.98	1.99561
365227.77	3765533.98	2.23497	365247.77	3765533.98	2.50734
365267.77	3765533.98	2.84523	365287.77	3765533.98	3.26065
365307.77	3765533.98	3.75019	364947.77	3765553.98	0.45306
364967.77	3765553.98	0.49079	364987.77	3765553.98	0.53659
365007.77	3765553.98	0.59066	365027.77	3765553.98	0.65184
365047.77	3765553.98	0.72298	365087.77	3765553.98	0.87829
365107.77	3765553.98	0.96630	365127.77	3765553.98	1.06475
365147.77	3765553.98	1.17301	365167.77	3765553.98	1.29328
365187.77	3765553.98	1.42878	365207.77	3765553.98	1.57504
365227.77	3765553.98	1.73356	365247.77	3765553.98	1.91266
365267.77	3765553.98	2.12169	365287.77	3765553.98	2.35550
364927.77	3765573.98	0.37203	364947.77	3765573.98	0.39952
364967.77	3765573.98	0.43220	364987.77	3765573.98	0.47056
365007.77	3765573.98	0.51494	365027.77	3765573.98	0.56721
365067.77	3765573.98	0.68528	365087.77	3765573.98	0.74799
365107.77	3765573.98	0.81845	365127.77	3765573.98	0.89497
365147.77	3765573.98	0.97791	365167.77	3765573.98	1.06860
365187.77	3765573.98	1.16913	365207.77	3765573.98	1.27094
365227.77	3765573.98	1.38195	365247.77	3765573.98	1.50351
365267.77	3765573.98	1.63569	365287.77	3765573.98	1.77728

364927.77	3765593.98	0.33204	364947.77	3765593.98	0.35577
364967.77	3765593.98	0.38370	364987.77	3765593.98	0.41474
365007.77	3765593.98	0.45280	365047.77	3765593.98	0.54337
365067.77	3765593.98	0.59042	365087.77	3765593.98	0.64171
365107.77	3765593.98	0.69954	365127.77	3765593.98	0.75962
365147.77	3765593.98	0.82431	365167.77	3765593.98	0.89435

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 1) Construction HRA
*** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365187.77	3765593.98	0.96769	365207.77	3765593.98	1.04504
365227.77	3765593.98	1.12686	365247.77	3765593.98	1.21055
365267.77	3765593.98	1.29306	364947.77	3765613.98	0.32111
364967.77	3765613.98	0.34403	364987.77	3765613.98	0.36915
365007.77	3765613.98	0.40286	365047.77	3765613.98	0.47251
365067.77	3765613.98	0.51198	365087.77	3765613.98	0.55556
365107.77	3765613.98	0.60233	365127.77	3765613.98	0.64998
365147.77	3765613.98	0.70117	365167.77	3765613.98	0.75575
365187.77	3765613.98	0.81197	365207.77	3765613.98	0.87158
365227.77	3765613.98	0.93281	365247.77	3765613.98	0.99439
364987.77	3765633.98	0.33124	365027.77	3765633.98	0.38417
365047.77	3765633.98	0.41266	365067.77	3765633.98	0.44701
365087.77	3765633.98	0.48338	365107.77	3765633.98	0.52218
365127.77	3765633.98	0.56111	365147.77	3765633.98	0.60175
365167.77	3765633.98	0.64473	365187.77	3765633.98	0.68892
365207.77	3765633.98	0.73553	365227.77	3765633.98	0.78290
365247.77	3765633.98	0.83046	365007.77	3765653.98	0.32233
365027.77	3765653.98	0.34044	365047.77	3765653.98	0.36352
365067.77	3765653.98	0.39156	365087.77	3765653.98	0.42141
365107.77	3765653.98	0.45490	365127.77	3765653.98	0.48813
365147.77	3765653.98	0.52139	365167.77	3765653.98	0.55456
365187.77	3765653.98	0.59034	365207.77	3765653.98	0.62661
365227.77	3765653.98	0.66433	365181.12	3765002.39	0.19533
365199.56	3765013.05	0.19471	365213.70	3765024.72	0.19697
365230.90	3765035.79	0.19686	365251.39	3765048.08	0.19567
365188.50	3764992.56	0.18372	365206.32	3765003.01	0.18322
365220.46	3765010.18	0.18176	365232.75	3765018.99	0.18232
365245.65	3765028.20	0.18277	365255.90	3765037.42	0.18451
365199.06	3764978.46	0.16885	365216.88	3764987.68	0.16744
365233.07	3764999.56	0.16830	365245.97	3765007.55	0.16790
365262.73	3765019.54	0.16823	364949.64	3765242.75	8.84030
365015.92	3765211.81	2.02594	364956.11	3765233.96	6.08836
364972.99	3765235.86	5.00479	364984.47	3765243.90	5.21472
364998.63	3765251.56	5.17672	364964.05	3765223.04	4.16916

364981.41	3765228.97	3.83599	364994.42	3765236.24	3.84324
365002.46	3765244.28	4.15180	365025.05	3765263.80	4.87576
365036.53	3765269.93	4.84727	364972.60	3765211.74	3.01224
364981.03	3765200.64	2.29402	365079.71	3765089.51	0.42560
364996.21	3765200.81	2.01929	365028.49	3765220.93	2.09161
364980.26	3765188.39	1.91534	365023.63	3765130.02	0.74139

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ONSITE	1ST HIGHEST VALUE IS	67.23343 AT (365015.25, 3765256.24,	47.73, 47.73,	0.00)	DC
	2ND HIGHEST VALUE IS	66.40193 AT (365025.05, 3765263.80,	47.67, 47.67,	0.00)	DC
	3RD HIGHEST VALUE IS	66.17905 AT (365036.53, 3765269.93,	47.66, 47.66,	0.00)	DC
	4TH HIGHEST VALUE IS	65.64706 AT (365002.46, 3765244.28,	47.78, 47.78,	0.00)	DC
	5TH HIGHEST VALUE IS	62.36972 AT (364994.42, 3765236.24,	47.83, 47.83,	0.00)	DC
	6TH HIGHEST VALUE IS	53.98564 AT (365007.76, 3765267.64,	47.51, 47.51,	0.00)	DC
	7TH HIGHEST VALUE IS	49.63878 AT (364998.63, 3765251.56,	47.72, 47.72,	0.00)	DC
	8TH HIGHEST VALUE IS	48.25608 AT (365028.49, 3765220.93,	47.80, 47.80,	0.00)	DC
	9TH HIGHEST VALUE IS	44.12849 AT (365001.24, 3765281.65,	47.09, 47.09,	0.00)	DC
	10TH HIGHEST VALUE IS	43.75474 AT (365049.08, 3765286.12,	47.81, 47.81,	0.00)	DC
OFFSITE	1ST HIGHEST VALUE IS	17.03125 AT (365147.77, 3765393.98,	51.53, 51.53,	0.00)	DC
	2ND HIGHEST VALUE IS	17.01365 AT (365327.77, 3765493.98,	49.81, 49.81,	0.00)	DC
	3RD HIGHEST VALUE IS	16.59697 AT (365287.77, 3765473.98,	49.38, 49.38,	0.00)	DC
	4TH HIGHEST VALUE IS	15.58653 AT (365187.77, 3765413.98,	51.27, 51.27,	0.00)	DC
	5TH HIGHEST VALUE IS	15.53191 AT (365107.77, 3765373.98,	50.54, 50.54,	0.00)	DC
	6TH HIGHEST VALUE IS	15.29227 AT (365007.77, 3765313.98,	47.53, 47.53,	0.00)	DC
	7TH HIGHEST VALUE IS	15.28134 AT (365247.77, 3765453.98,	49.51, 49.51,	0.00)	DC
	8TH HIGHEST VALUE IS	14.85638 AT (364927.77, 3765273.98,	47.46, 47.46,	0.00)	DC
	9TH HIGHEST VALUE IS	14.22134 AT (364807.77, 3765193.98,	47.19, 47.19,	0.00)	DC
	10TH HIGHEST VALUE IS	14.18243 AT (364847.77, 3765193.98,	47.17, 47.17,	0.00)	DC

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

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 1) Construction HRA
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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 799 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 455 Calm Hours Identified

A Total of 344 Missing Hours Identified (0.78 Percent)

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

***** WARNING MESSAGES *****
ME W186 1249 MEOPEN: THRESH_LMIN 1-min ASOS wind speed threshold used 0.50
ME W187 1249 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

Results Summary

SMM-08 (Phase 1) Construction HRA
 Santa Monica

Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		17.03125	ug/m^3	365147.77	3765393.98	51.53	0.00	51.53	

Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		67.23343	ug/m^3	365015.25	3765256.24	47.73	0.00	47.73	

Sensitive Receptor Summary

SMM-08 (Phase 1) Construction HRA
Santa Monica

Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		8.84030	ug/m^3	1166	364949.64	3765242.75	47.60	0.00	47.60	
PERIOD		2.02594	ug/m^3	1166	365015.92	3765211.81	47.77	0.00	47.77	
PERIOD		6.08836	ug/m^3	1166	364956.11	3765233.96	47.83	0.00	47.83	
PERIOD		5.00479	ug/m^3	1166	364972.99	3765235.86	47.83	0.00	47.83	
PERIOD		5.21472	ug/m^3	1166	364984.47	3765243.90	47.74	0.00	47.74	
PERIOD		5.17672	ug/m^3	1166	364998.63	3765251.56	47.72	0.00	47.72	
PERIOD		4.16916	ug/m^3	1166	364964.05	3765223.04	47.95	0.00	47.95	
PERIOD		3.83599	ug/m^3	1166	364981.41	3765228.97	47.92	0.00	47.92	
PERIOD		3.84324	ug/m^3	1166	364994.42	3765236.24	47.83	0.00	47.83	
PERIOD		4.15180	ug/m^3	1166	365002.46	3765244.28	47.78	0.00	47.78	
PERIOD		4.87576	ug/m^3	1166	365025.05	3765263.80	47.67	0.00	47.67	
PERIOD		4.84727	ug/m^3	1166	365036.53	3765269.93	47.66	0.00	47.66	
PERIOD		3.01224	ug/m^3	1166	364972.60	3765211.74	47.97	0.00	47.97	
PERIOD		2.29402	ug/m^3	1166	364981.03	3765200.64	47.94	0.00	47.94	
PERIOD		0.42560	ug/m^3	1166	365079.71	3765089.51	46.05	0.00	46.05	
PERIOD		2.01929	ug/m^3	1166	364996.21	3765200.81	47.87	0.00	47.87	
PERIOD		2.09161	ug/m^3	1166	365028.49	3765220.93	47.80	0.00	47.80	
PERIOD		1.91534	ug/m^3	1166	364980.26	3765188.39	47.84	0.00	47.84	
PERIOD		0.74139	ug/m^3		365023.63	3765130.02	47.03	0.00	47.03	
PERIOD		0.67449	ug/m^3		365043.63	3765130.02	47.02	0.00	47.02	

Sensitive Receptor Summary

SMM-08 (Phase 1) Construction HRA
Santa Monica

Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.61619	ug/m^3		365063.63	3765130.02	46.81	0.00	46.81	
PERIOD		0.56478	ug/m^3		365083.63	3765130.02	46.44	0.00	46.44	
PERIOD		0.51931	ug/m^3		365103.63	3765130.02	46.41	0.00	46.41	
PERIOD		0.49565	ug/m^3		365044.14	3765092.23	46.35	0.00	46.35	
PERIOD		1.21993	ug/m^3		364996.46	3765163.05	47.48	0.00	47.48	
PERIOD		0.90088	ug/m^3		365023.63	3765150.02	47.23	0.00	47.23	
PERIOD		0.81095	ug/m^3		365043.63	3765150.02	47.17	0.00	47.17	
PERIOD		0.73391	ug/m^3		365063.63	3765150.02	46.95	0.00	46.95	
PERIOD		0.66694	ug/m^3		365083.63	3765150.02	46.62	0.00	46.62	
PERIOD		0.60849	ug/m^3		365103.63	3765150.02	46.60	0.00	46.60	
PERIOD		0.43813	ug/m^3		365061.73	3765084.21	46.20	0.00	46.20	
PERIOD		1.46384	ug/m^3		364991.25	3765174.91	47.65	0.00	47.65	
PERIOD		1.11710	ug/m^3		365023.63	3765170.02	47.38	0.00	47.38	
PERIOD		0.99308	ug/m^3		365043.63	3765170.02	47.24	0.00	47.24	
PERIOD		0.88870	ug/m^3		365063.63	3765170.02	47.03	0.00	47.03	
PERIOD		0.79957	ug/m^3		365083.63	3765170.02	46.78	0.00	46.78	
PERIOD		0.68274	ug/m^3		365108.84	3765166.44	46.60	0.00	46.60	
PERIOD		0.60157	ug/m^3		365031.23	3765110.18	46.69	0.00	46.69	
PERIOD		0.54567	ug/m^3		365053.83	3765109.85	46.71	0.00	46.71	
PERIOD		0.45937	ug/m^3		365103.15	3765113.11	46.08	0.00	46.08	

Sensitive Receptor Summary

SMM-08 (Phase 1) Construction HRA
Santa Monica

Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.49725	ug/m^3		365076.24	3765109.53	46.28	0.00	46.28	
PERIOD		1.54214	ug/m^3		365002.09	3765184.79	47.69	0.00	47.69	
PERIOD		1.54370	ug/m^3		365020.15	3765194.69	47.61	0.00	47.61	
PERIOD		1.34286	ug/m^3		365038.52	3765193.71	47.42	0.00	47.42	
PERIOD		1.17991	ug/m^3		365058.52	3765193.71	47.23	0.00	47.23	
PERIOD		0.97428	ug/m^3		365083.41	3765189.80	46.92	0.00	46.92	
PERIOD		0.79184	ug/m^3		365100.80	3765178.40	46.58	0.00	46.58	
PERIOD		1.78621	ug/m^3		365064.13	3765229.67	47.26	0.00	47.26	
PERIOD		1.67509	ug/m^3		365036.57	3765209.80	47.60	0.00	47.60	
PERIOD		1.66195	ug/m^3		365053.63	3765218.60	47.53	0.00	47.53	
PERIOD		1.33245	ug/m^3		365071.35	3765211.10	47.05	0.00	47.05	
PERIOD		1.15180	ug/m^3		365098.52	3765213.71	46.58	0.00	46.58	
PERIOD		1.01620	ug/m^3	1166	365005.15	3765151.65	47.31	0.00	47.31	
PERIOD		4.63189	ug/m^3	1166	365015.25	3765256.24	47.73	0.00	47.73	
PERIOD		6.98232	ug/m^3	1166	365007.76	3765267.64	47.51	0.00	47.51	
PERIOD		12.73710	ug/m^3	1166	365001.24	3765281.65	47.09	0.00	47.09	
PERIOD		7.50781	ug/m^3	1166	364943.24	3765233.96	47.72	0.00	47.72	
PERIOD		4.79868	ug/m^3	1166	364952.04	3765222.36	47.96	0.00	47.96	
PERIOD		2.96046	ug/m^3	1166	364962.45	3765205.15	48.05	0.00	48.05	

Sensitive Receptor Summary

SMM-08 (Phase 1) Construction HRA
Santa Monica

Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		23.08695	ug/m^3	1166	364949.64	3765242.75	47.60	0.00	47.60	
PERIOD		33.09804	ug/m^3	1166	365015.92	3765211.81	47.77	0.00	47.77	
PERIOD		23.40119	ug/m^3	1166	364956.11	3765233.96	47.83	0.00	47.83	
PERIOD		29.40293	ug/m^3	1166	364972.99	3765235.86	47.83	0.00	47.83	
PERIOD		38.61499	ug/m^3	1166	364984.47	3765243.90	47.74	0.00	47.74	
PERIOD		49.63878	ug/m^3	1166	364998.63	3765251.56	47.72	0.00	47.72	
PERIOD		24.65124	ug/m^3	1166	364964.05	3765223.04	47.95	0.00	47.95	
PERIOD		42.04846	ug/m^3	1166	364981.41	3765228.97	47.92	0.00	47.92	
PERIOD		62.36972	ug/m^3	1166	364994.42	3765236.24	47.83	0.00	47.83	
PERIOD		65.64706	ug/m^3	1166	365002.46	3765244.28	47.78	0.00	47.78	
PERIOD		66.40193	ug/m^3	1166	365025.05	3765263.80	47.67	0.00	47.67	
PERIOD		66.17905	ug/m^3	1166	365036.53	3765269.93	47.66	0.00	47.66	
PERIOD		31.63703	ug/m^3	1166	364972.60	3765211.74	47.97	0.00	47.97	
PERIOD		26.20519	ug/m^3	1166	364981.03	3765200.64	47.94	0.00	47.94	
PERIOD		0.65944	ug/m^3	1166	365079.71	3765089.51	46.05	0.00	46.05	
PERIOD		23.06497	ug/m^3	1166	364996.21	3765200.81	47.87	0.00	47.87	
PERIOD		48.25608	ug/m^3	1166	365028.49	3765220.93	47.80	0.00	47.80	
PERIOD		15.60650	ug/m^3	1166	364980.26	3765188.39	47.84	0.00	47.84	
PERIOD		2.26542	ug/m^3		365023.63	3765130.02	47.03	0.00	47.03	
PERIOD		1.72186	ug/m^3		365043.63	3765130.02	47.02	0.00	47.02	

Sensitive Receptor Summary

SMM-08 (Phase 1) Construction HRA
Santa Monica

Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.25693	ug/m^3		365063.63	3765130.02	46.81	0.00	46.81	
PERIOD		0.90338	ug/m^3		365083.63	3765130.02	46.44	0.00	46.44	
PERIOD		0.65720	ug/m^3		365103.63	3765130.02	46.41	0.00	46.41	
PERIOD		1.03616	ug/m^3		365044.14	3765092.23	46.35	0.00	46.35	
PERIOD		6.27166	ug/m^3		364996.46	3765163.05	47.48	0.00	47.48	
PERIOD		3.30256	ug/m^3		365023.63	3765150.02	47.23	0.00	47.23	
PERIOD		2.38317	ug/m^3		365043.63	3765150.02	47.17	0.00	47.17	
PERIOD		1.63626	ug/m^3		365063.63	3765150.02	46.95	0.00	46.95	
PERIOD		1.11200	ug/m^3		365083.63	3765150.02	46.62	0.00	46.62	
PERIOD		0.77892	ug/m^3		365103.63	3765150.02	46.60	0.00	46.60	
PERIOD		0.77885	ug/m^3		365061.73	3765084.21	46.20	0.00	46.20	
PERIOD		9.24497	ug/m^3		364991.25	3765174.91	47.65	0.00	47.65	
PERIOD		5.21304	ug/m^3		365023.63	3765170.02	47.38	0.00	47.38	
PERIOD		3.53063	ug/m^3		365043.63	3765170.02	47.24	0.00	47.24	
PERIOD		2.24515	ug/m^3		365063.63	3765170.02	47.03	0.00	47.03	
PERIOD		1.43665	ug/m^3		365083.63	3765170.02	46.78	0.00	46.78	
PERIOD		0.85421	ug/m^3		365108.84	3765166.44	46.60	0.00	46.60	
PERIOD		1.51390	ug/m^3		365031.23	3765110.18	46.69	0.00	46.69	
PERIOD		1.13649	ug/m^3		365053.83	3765109.85	46.71	0.00	46.71	
PERIOD		0.58191	ug/m^3		365103.15	3765113.11	46.08	0.00	46.08	

Sensitive Receptor Summary

SMM-08 (Phase 1) Construction HRA
Santa Monica

Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.82862	ug/m^3		365076.24	3765109.53	46.28	0.00	46.28	
PERIOD		11.33838	ug/m^3		365002.09	3765184.79	47.69	0.00	47.69	
PERIOD		11.90452	ug/m^3		365020.15	3765194.69	47.61	0.00	47.61	
PERIOD		7.86077	ug/m^3		365038.52	3765193.71	47.42	0.00	47.42	
PERIOD		4.56480	ug/m^3		365058.52	3765193.71	47.23	0.00	47.23	
PERIOD		2.14103	ug/m^3		365083.41	3765189.80	46.92	0.00	46.92	
PERIOD		1.17947	ug/m^3		365100.80	3765178.40	46.58	0.00	46.58	
PERIOD		23.89349	ug/m^3		365064.13	3765229.67	47.26	0.00	47.26	
PERIOD		18.43862	ug/m^3		365036.57	3765209.80	47.60	0.00	47.60	
PERIOD		16.90799	ug/m^3		365053.63	3765218.60	47.53	0.00	47.53	
PERIOD		6.19924	ug/m^3		365071.35	3765211.10	47.05	0.00	47.05	
PERIOD		3.84132	ug/m^3		365098.52	3765213.71	46.58	0.00	46.58	
PERIOD		4.33633	ug/m^3	1166	365005.15	3765151.65	47.31	0.00	47.31	
PERIOD		67.23343	ug/m^3	1166	365015.25	3765256.24	47.73	0.00	47.73	
PERIOD		53.98564	ug/m^3	1166	365007.76	3765267.64	47.51	0.00	47.51	
PERIOD		44.12849	ug/m^3	1166	365001.24	3765281.65	47.09	0.00	47.09	
PERIOD		16.78747	ug/m^3	1166	364943.24	3765233.96	47.72	0.00	47.72	
PERIOD		18.20404	ug/m^3	1166	364952.04	3765222.36	47.96	0.00	47.96	
PERIOD		19.96549	ug/m^3	1166	364962.45	3765205.15	48.05	0.00	48.05	

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 2) Construction HRA
*** AERMET - VERSION 16216 *** *** Santa Monica

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*** MODELOPTS: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

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

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 81 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9830000.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

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

**Other Options Specified:

ADJ_U* - Use ADJ_U* option for SBL in AERMET

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes: 81 Source(s); 2 Source Group(s); and 1216 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 79 VOLUME source(s)
and: 2 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of 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) = 53.00 ; 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: SMM-08 Phase 2.err

**File for Summary of Results: SMM-08 Phase 2.sum

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*** SMM-08 (Phase 2) Construction HRA
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
 *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.12658E-01	364654.8	3765078.5	45.9	4.15	4.85	3.26	YES	HRDOW
L0000002	0	0.12658E-01	364663.5	3765084.3	46.0	4.15	4.85	3.26	YES	HRDOW
L0000003	0	0.12658E-01	364672.1	3765090.2	46.3	4.15	4.85	3.26	YES	HRDOW
L0000004	0	0.12658E-01	364680.7	3765096.0	46.5	4.15	4.85	3.26	YES	HRDOW
L0000005	0	0.12658E-01	364689.4	3765101.9	46.8	4.15	4.85	3.26	YES	HRDOW
L0000006	0	0.12658E-01	364698.0	3765107.7	47.0	4.15	4.85	3.26	YES	HRDOW
L0000007	0	0.12658E-01	364706.6	3765113.6	47.1	4.15	4.85	3.26	YES	HRDOW
L0000008	0	0.12658E-01	364715.3	3765119.4	47.3	4.15	4.85	3.26	YES	HRDOW
L0000009	0	0.12658E-01	364723.9	3765125.3	47.5	4.15	4.85	3.26	YES	HRDOW
L0000010	0	0.12658E-01	364732.5	3765131.1	47.6	4.15	4.85	3.26	YES	HRDOW
L0000011	0	0.12658E-01	364741.2	3765137.0	47.5	4.15	4.85	3.26	YES	HRDOW
L0000012	0	0.12658E-01	364749.8	3765142.8	47.4	4.15	4.85	3.26	YES	HRDOW
L0000013	0	0.12658E-01	364758.4	3765148.7	47.2	4.15	4.85	3.26	YES	HRDOW
L0000014	0	0.12658E-01	364767.1	3765154.5	47.0	4.15	4.85	3.26	YES	HRDOW
L0000015	0	0.12658E-01	364775.7	3765160.4	46.9	4.15	4.85	3.26	YES	HRDOW
L0000016	0	0.12658E-01	364784.3	3765166.2	46.7	4.15	4.85	3.26	YES	HRDOW
L0000017	0	0.12658E-01	364793.0	3765172.1	46.5	4.15	4.85	3.26	YES	HRDOW
L0000018	0	0.12658E-01	364801.6	3765177.9	46.6	4.15	4.85	3.26	YES	HRDOW
L0000019	0	0.12658E-01	364810.2	3765183.8	46.8	4.15	4.85	3.26	YES	HRDOW
L0000020	0	0.12658E-01	364818.9	3765189.6	47.1	4.15	4.85	3.26	YES	HRDOW
L0000021	0	0.12658E-01	364827.5	3765195.5	47.4	4.15	4.85	3.26	YES	HRDOW
L0000022	0	0.12658E-01	364836.2	3765201.3	47.4	4.15	4.85	3.26	YES	HRDOW
L0000023	0	0.12658E-01	364844.8	3765207.2	47.6	4.15	4.85	3.26	YES	HRDOW
L0000024	0	0.12658E-01	364853.4	3765213.0	48.0	4.15	4.85	3.26	YES	HRDOW
L0000025	0	0.12658E-01	364862.1	3765218.9	48.1	4.15	4.85	3.26	YES	HRDOW
L0000026	0	0.12658E-01	364870.7	3765224.7	48.1	4.15	4.85	3.26	YES	HRDOW
L0000027	0	0.12658E-01	364879.3	3765230.6	48.0	4.15	4.85	3.26	YES	HRDOW
L0000028	0	0.12658E-01	364888.4	3765235.7	47.9	4.15	4.85	3.26	YES	HRDOW
L0000029	0	0.12658E-01	364897.5	3765240.8	47.8	4.15	4.85	3.26	YES	HRDOW
L0000030	0	0.12658E-01	364906.6	3765245.9	47.7	4.15	4.85	3.26	YES	HRDOW
L0000031	0	0.12658E-01	364915.7	3765251.0	47.6	4.15	4.85	3.26	YES	HRDOW
L0000032	0	0.12658E-01	364924.8	3765256.0	47.4	4.15	4.85	3.26	YES	HRDOW
L0000033	0	0.12658E-01	364933.9	3765261.1	47.3	4.15	4.85	3.26	YES	HRDOW
L0000034	0	0.12658E-01	364943.0	3765266.2	47.3	4.15	4.85	3.26	YES	HRDOW
L0000035	0	0.12658E-01	364952.1	3765271.3	47.3	4.15	4.85	3.26	YES	HRDOW
L0000036	0	0.12658E-01	364961.3	3765276.4	47.3	4.15	4.85	3.26	YES	HRDOW
L0000037	0	0.12658E-01	364970.4	3765281.5	47.3	4.15	4.85	3.26	YES	HRDOW
L0000038	0	0.12658E-01	364979.5	3765286.6	47.2	4.15	4.85	3.26	YES	HRDOW
L0000039	0	0.12658E-01	364988.6	3765291.7	47.0	4.15	4.85	3.26	YES	HRDOW
L0000040	0	0.12658E-01	364997.7	3765296.7	47.0	4.15	4.85	3.26	YES	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X Y		*** VOLUME SOURCE DATA ***		INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
			(METERS)	(METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)				
L0000041	0	0.12658E-01	365006.8	3765301.8	47.1	4.15	4.85	3.26	YES	HRDOW
L0000042	0	0.12658E-01	365015.9	3765306.9	47.4	4.15	4.85	3.26	YES	HRDOW
L0000043	0	0.12658E-01	365025.0	3765312.0	47.5	4.15	4.85	3.26	YES	HRDOW
L0000044	0	0.12658E-01	365034.1	3765317.1	47.5	4.15	4.85	3.26	YES	HRDOW
L0000045	0	0.12658E-01	365043.2	3765322.2	47.6	4.15	4.85	3.26	YES	HRDOW
L0000046	0	0.12658E-01	365052.3	3765327.3	47.7	4.15	4.85	3.26	YES	HRDOW
L0000047	0	0.12658E-01	365061.4	3765332.4	48.0	4.15	4.85	3.26	YES	HRDOW
L0000048	0	0.12658E-01	365070.5	3765337.4	48.3	4.15	4.85	3.26	YES	HRDOW
L0000049	0	0.12658E-01	365079.6	3765342.5	48.7	4.15	4.85	3.26	YES	HRDOW
L0000050	0	0.12658E-01	365088.7	3765347.6	49.0	4.15	4.85	3.26	YES	HRDOW
L0000051	0	0.12658E-01	365097.8	3765352.7	49.2	4.15	4.85	3.26	YES	HRDOW
L0000052	0	0.12658E-01	365106.9	3765357.8	49.6	4.15	4.85	3.26	YES	HRDOW
L0000053	0	0.12658E-01	365116.0	3765362.9	50.2	4.15	4.85	3.26	YES	HRDOW
L0000054	0	0.12658E-01	365125.1	3765368.0	50.8	4.15	4.85	3.26	YES	HRDOW
L0000055	0	0.12658E-01	365134.2	3765373.1	51.5	4.15	4.85	3.26	YES	HRDOW
L0000056	0	0.12658E-01	365143.3	3765378.1	51.5	4.15	4.85	3.26	YES	HRDOW
L0000057	0	0.12658E-01	365152.5	3765383.2	51.2	4.15	4.85	3.26	YES	HRDOW
L0000058	0	0.12658E-01	365161.6	3765388.3	50.9	4.15	4.85	3.26	YES	HRDOW
L0000059	0	0.12658E-01	365170.7	3765393.4	51.0	4.15	4.85	3.26	YES	HRDOW
L0000060	0	0.12658E-01	365179.8	3765398.4	51.1	4.00	4.85	3.26	YES	HRDOW
L0000061	0	0.12658E-01	365189.0	3765403.4	51.1	3.80	4.85	3.26	YES	HRDOW
L0000062	0	0.12658E-01	365198.2	3765408.4	50.7	3.60	4.85	3.26	YES	HRDOW
L0000063	0	0.12658E-01	365207.3	3765413.3	50.3	3.39	4.85	3.26	YES	HRDOW
L0000064	0	0.12658E-01	365216.5	3765418.3	50.0	3.19	4.85	3.26	YES	HRDOW
L0000065	0	0.12658E-01	365225.7	3765423.3	49.8	2.99	4.85	3.26	YES	HRDOW
L0000066	0	0.12658E-01	365234.8	3765428.3	49.7	2.79	4.85	3.26	YES	HRDOW
L0000067	0	0.12658E-01	365244.0	3765433.2	49.5	2.59	4.85	3.26	YES	HRDOW
L0000068	0	0.12658E-01	365253.2	3765438.2	49.3	2.38	4.85	3.26	YES	HRDOW
L0000069	0	0.12658E-01	365262.3	3765443.2	49.0	2.18	4.85	3.26	YES	HRDOW
L0000070	0	0.12658E-01	365271.5	3765448.2	49.0	1.98	4.85	3.26	YES	HRDOW
L0000071	0	0.12658E-01	365280.7	3765453.1	49.0	1.78	4.85	3.26	YES	HRDOW
L0000072	0	0.12658E-01	365289.8	3765458.1	49.1	1.58	4.85	3.26	YES	HRDOW
L0000073	0	0.12658E-01	365299.0	3765463.1	49.2	1.38	4.85	3.26	YES	HRDOW
L0000074	0	0.12658E-01	365308.2	3765468.0	49.2	1.17	4.85	3.26	YES	HRDOW
L0000075	0	0.12658E-01	365317.3	3765473.0	49.2	0.97	4.85	3.26	YES	HRDOW
L0000076	0	0.12658E-01	365326.5	3765478.0	49.4	0.77	4.85	3.26	YES	HRDOW
L0000077	0	0.12658E-01	365335.7	3765483.0	49.6	0.57	4.85	3.26	YES	HRDOW
L0000078	0	0.12658E-01	365344.8	3765487.9	49.7	0.37	4.85	3.26	YES	HRDOW
L0000079	0	0.12658E-01	365354.0	3765492.9	49.7	0.16	4.85	3.26	YES	HRDOW

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
1	0	0.79767E-04	364976.6	3765178.2	47.8	4.15	8	1.93	YES	HRDOW
2	0	0.79045E-04	365077.0	3765221.5	46.8	4.15	4	1.93	YES	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs															
-----	-----															
OFFSITE	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	,		
ONSITE	1	,	2	,												

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs																																																																																
-----	-----	-----																																																																																
L0000008	9830000.	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	, 1	, 2

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 2) Construction HRA
 *** AERMET - VERSION 16216 *** *** Santa Monica

*** 02/12/23
 *** 21:59:03
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000001 TO L0000079 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 2) Construction HRA
*** AERMET - VERSION 16216 *** *** Santa Monica

*** 02/12/23
*** 21:59:03
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

SOURCE ID = 1 ; SOURCE TYPE = AREAPOLY :

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

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 2) Construction HRA
 *** AERMET - VERSION 16216 *** *** Santa Monica

*** 02/12/23
 *** 21:59:03
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = 2 ; SOURCE TYPE = AREAPOLY :

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

*** AERMOD - VERSION 21112 *** ** SMM-08 (Phase 2) Construction HRA
*** AERMET - VERSION 16216 *** ** Santa Monica
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

*** 02/12/23
*** 21:59:03

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

(364887.8, 3764714.0, 43.4, 43.4, 0.0);	(364907.8, 3764714.0, 43.1, 43.1, 0.0);
(364927.8, 3764714.0, 42.4, 42.4, 0.0);	(364947.8, 3764714.0, 41.5, 41.5, 0.0);
(364967.8, 3764714.0, 41.7, 41.7, 0.0);	(364987.8, 3764714.0, 41.7, 41.7, 0.0);
(365007.8, 3764714.0, 41.7, 41.7, 0.0);	(365027.8, 3764714.0, 41.8, 41.8, 0.0);
(365067.8, 3764714.0, 42.0, 42.0, 0.0);	(365087.8, 3764714.0, 42.0, 42.0, 0.0);
(365107.8, 3764714.0, 42.1, 42.1, 0.0);	(365127.8, 3764714.0, 42.3, 42.3, 0.0);
(365147.8, 3764714.0, 41.8, 41.8, 0.0);	(365167.8, 3764714.0, 41.8, 41.8, 0.0);
(365187.8, 3764714.0, 41.9, 41.9, 0.0);	(365207.8, 3764714.0, 42.2, 42.2, 0.0);
(365287.8, 3764714.0, 43.1, 43.1, 0.0);	(365307.8, 3764714.0, 43.4, 43.4, 0.0);
(365327.8, 3764714.0, 43.7, 43.7, 0.0);	(365347.8, 3764714.0, 44.0, 44.0, 0.0);
(364907.8, 3764734.0, 43.3, 43.3, 0.0);	(364927.8, 3764734.0, 42.8, 42.8, 0.0);
(364947.8, 3764734.0, 41.8, 41.8, 0.0);	(364967.8, 3764734.0, 42.5, 42.5, 0.0);
(364987.8, 3764734.0, 42.3, 42.3, 0.0);	(365007.8, 3764734.0, 42.0, 42.0, 0.0);
(365027.8, 3764734.0, 42.2, 42.2, 0.0);	(365047.8, 3764734.0, 42.8, 42.8, 0.0);
(365107.8, 3764734.0, 42.4, 42.4, 0.0);	(365127.8, 3764734.0, 42.8, 42.8, 0.0);
(365147.8, 3764734.0, 42.4, 42.4, 0.0);	(365167.8, 3764734.0, 42.1, 42.1, 0.0);
(365187.8, 3764734.0, 42.1, 42.1, 0.0);	(365207.8, 3764734.0, 42.4, 42.4, 0.0);
(365227.8, 3764734.0, 42.9, 42.9, 0.0);	(365247.8, 3764734.0, 43.3, 43.3, 0.0);
(365327.8, 3764734.0, 43.8, 43.8, 0.0);	(365347.8, 3764734.0, 44.0, 44.0, 0.0);
(365367.8, 3764734.0, 44.0, 44.0, 0.0);	(364887.8, 3764754.0, 43.3, 43.3, 0.0);
(364947.8, 3764754.0, 42.7, 42.7, 0.0);	(364967.8, 3764754.0, 43.1, 43.1, 0.0);
(364987.8, 3764754.0, 43.0, 43.0, 0.0);	(365007.8, 3764754.0, 42.9, 42.9, 0.0);
(365027.8, 3764754.0, 42.9, 42.9, 0.0);	(365067.8, 3764754.0, 43.0, 43.0, 0.0);
(365087.8, 3764754.0, 43.0, 43.0, 0.0);	(365127.8, 3764754.0, 42.7, 42.7, 0.0);
(365147.8, 3764754.0, 42.6, 42.6, 0.0);	(365167.8, 3764754.0, 42.6, 42.6, 0.0);
(365187.8, 3764754.0, 42.7, 42.7, 0.0);	(365207.8, 3764754.0, 42.9, 42.9, 0.0);
(365227.8, 3764754.0, 43.3, 43.3, 0.0);	(365247.8, 3764754.0, 43.8, 43.8, 0.0);
(365267.8, 3764754.0, 43.9, 43.9, 0.0);	(365347.8, 3764754.0, 44.1, 44.1, 0.0);
(365367.8, 3764754.0, 44.1, 44.1, 0.0);	(365387.8, 3764754.0, 43.9, 43.9, 0.0);
(365407.8, 3764754.0, 43.5, 43.5, 0.0);	(364827.8, 3764774.0, 44.0, 44.0, 0.0);
(364847.8, 3764774.0, 43.6, 43.6, 0.0);	(364867.8, 3764774.0, 43.1, 43.1, 0.0);
(364887.8, 3764774.0, 43.1, 43.1, 0.0);	(364907.8, 3764774.0, 43.2, 43.2, 0.0);
(364967.8, 3764774.0, 43.5, 43.5, 0.0);	(364987.8, 3764774.0, 43.6, 43.6, 0.0);
(365007.8, 3764774.0, 43.6, 43.6, 0.0);	(365027.8, 3764774.0, 43.5, 43.5, 0.0);
(365067.8, 3764774.0, 43.4, 43.4, 0.0);	(365087.8, 3764774.0, 43.6, 43.6, 0.0);
(365107.8, 3764774.0, 43.4, 43.4, 0.0);	(365167.8, 3764774.0, 43.0, 43.0, 0.0);
(365187.8, 3764774.0, 43.1, 43.1, 0.0);	(365207.8, 3764774.0, 43.3, 43.3, 0.0);
(365227.8, 3764774.0, 43.7, 43.7, 0.0);	(365247.8, 3764774.0, 44.3, 44.3, 0.0);
(365267.8, 3764774.0, 44.5, 44.5, 0.0);	(365287.8, 3764774.0, 44.4, 44.4, 0.0);
(365307.8, 3764774.0, 44.3, 44.3, 0.0);	(365387.8, 3764774.0, 43.8, 43.8, 0.0);
(365407.8, 3764774.0, 43.4, 43.4, 0.0);	(365427.8, 3764774.0, 43.0, 43.0, 0.0);
(364807.8, 3764794.0, 44.2, 44.2, 0.0);	(364827.8, 3764794.0, 43.8, 43.8, 0.0);
(364847.8, 3764794.0, 43.1, 43.1, 0.0);	(364867.8, 3764794.0, 42.9, 42.9, 0.0);
(364887.8, 3764794.0, 42.8, 42.8, 0.0);	(364947.8, 3764794.0, 43.6, 43.6, 0.0);
(365007.8, 3764794.0, 43.7, 43.7, 0.0);	(365027.8, 3764794.0, 43.7, 43.7, 0.0);

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 2) Construction HRA   ***   02/12/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   ***   21:59:03
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

(365067.8, 3764794.0, 43.6, 43.6, 0.0);	(365087.8, 3764794.0, 43.8, 43.8, 0.0);
(365107.8, 3764794.0, 43.9, 43.9, 0.0);	(365127.8, 3764794.0, 44.0, 44.0, 0.0);
(365147.8, 3764794.0, 43.7, 43.7, 0.0);	(365187.8, 3764794.0, 43.3, 43.3, 0.0);
(365207.8, 3764794.0, 43.8, 43.8, 0.0);	(365227.8, 3764794.0, 44.3, 44.3, 0.0);
(365247.8, 3764794.0, 44.8, 44.8, 0.0);	(365267.8, 3764794.0, 44.9, 44.9, 0.0);
(365287.8, 3764794.0, 44.9, 44.9, 0.0);	(365307.8, 3764794.0, 45.0, 45.0, 0.0);
(365327.8, 3764794.0, 44.6, 44.6, 0.0);	(365407.8, 3764794.0, 43.4, 43.4, 0.0);
(365427.8, 3764794.0, 43.0, 43.0, 0.0);	(365447.8, 3764794.0, 42.7, 42.7, 0.0);
(365467.8, 3764794.0, 42.5, 42.5, 0.0);	(364787.8, 3764814.0, 44.3, 44.3, 0.0);
(364807.8, 3764814.0, 44.0, 44.0, 0.0);	(364827.8, 3764814.0, 43.4, 43.4, 0.0);
(364847.8, 3764814.0, 42.8, 42.8, 0.0);	(364867.8, 3764814.0, 42.8, 42.8, 0.0);
(364927.8, 3764814.0, 43.4, 43.4, 0.0);	(364947.8, 3764814.0, 43.8, 43.8, 0.0);
(364967.8, 3764814.0, 43.9, 43.9, 0.0);	(365047.8, 3764814.0, 43.8, 43.8, 0.0);
(365067.8, 3764814.0, 43.9, 43.9, 0.0);	(365087.8, 3764814.0, 44.1, 44.1, 0.0);
(365107.8, 3764814.0, 44.2, 44.2, 0.0);	(365127.8, 3764814.0, 44.2, 44.2, 0.0);
(365147.8, 3764814.0, 44.1, 44.1, 0.0);	(365167.8, 3764814.0, 43.9, 43.9, 0.0);
(365227.8, 3764814.0, 44.1, 44.1, 0.0);	(365247.8, 3764814.0, 44.8, 44.8, 0.0);
(365267.8, 3764814.0, 45.1, 45.1, 0.0);	(365287.8, 3764814.0, 45.0, 45.0, 0.0);
(365307.8, 3764814.0, 44.8, 44.8, 0.0);	(365327.8, 3764814.0, 44.4, 44.4, 0.0);
(365347.8, 3764814.0, 44.1, 44.1, 0.0);	(365367.8, 3764814.0, 43.8, 43.8, 0.0);
(365447.8, 3764814.0, 42.9, 42.9, 0.0);	(365467.8, 3764814.0, 42.7, 42.7, 0.0);
(364787.8, 3764834.0, 44.3, 44.3, 0.0);	(364807.8, 3764834.0, 43.8, 43.8, 0.0);
(364827.8, 3764834.0, 43.1, 43.1, 0.0);	(364847.8, 3764834.0, 42.7, 42.7, 0.0);
(364867.8, 3764834.0, 42.8, 42.8, 0.0);	(364927.8, 3764834.0, 43.6, 43.6, 0.0);
(364967.8, 3764834.0, 44.3, 44.3, 0.0);	(364985.5, 3764826.9, 44.2, 44.2, 0.0);
(365067.8, 3764834.0, 44.1, 44.1, 0.0);	(365087.8, 3764834.0, 44.3, 44.3, 0.0);
(365107.8, 3764834.0, 44.4, 44.4, 0.0);	(365127.8, 3764834.0, 44.3, 44.3, 0.0);
(365147.8, 3764834.0, 44.5, 44.5, 0.0);	(365167.8, 3764834.0, 44.3, 44.3, 0.0);
(365187.8, 3764834.0, 44.2, 44.2, 0.0);	(365247.8, 3764834.0, 44.8, 44.8, 0.0);
(365267.8, 3764834.0, 45.0, 45.0, 0.0);	(365287.8, 3764834.0, 44.9, 44.9, 0.0);
(365307.8, 3764834.0, 44.6, 44.6, 0.0);	(365327.8, 3764834.0, 44.2, 44.2, 0.0);
(365347.8, 3764834.0, 43.8, 43.8, 0.0);	(365367.8, 3764834.0, 43.5, 43.5, 0.0);
(365387.8, 3764834.0, 43.4, 43.4, 0.0);	(364767.8, 3764854.0, 44.4, 44.4, 0.0);
(364787.8, 3764854.0, 44.0, 44.0, 0.0);	(364807.8, 3764854.0, 43.5, 43.5, 0.0);
(364827.8, 3764854.0, 43.1, 43.1, 0.0);	(364847.8, 3764854.0, 42.9, 42.9, 0.0);
(364907.8, 3764854.0, 43.8, 43.8, 0.0);	(364927.8, 3764854.0, 44.2, 44.2, 0.0);
(364947.8, 3764854.0, 44.3, 44.3, 0.0);	(364985.5, 3764846.9, 44.3, 44.3, 0.0);
(365027.8, 3764854.0, 44.1, 44.1, 0.0);	(365087.8, 3764854.0, 44.2, 44.2, 0.0);
(365107.8, 3764854.0, 44.4, 44.4, 0.0);	(365167.8, 3764854.0, 44.6, 44.6, 0.0);
(365187.8, 3764854.0, 44.6, 44.6, 0.0);	(365207.8, 3764854.0, 44.6, 44.6, 0.0);
(365227.8, 3764854.0, 44.8, 44.8, 0.0);	(365287.8, 3764854.0, 44.5, 44.5, 0.0);
(365307.8, 3764854.0, 44.4, 44.4, 0.0);	(365327.8, 3764854.0, 43.8, 43.8, 0.0);
(365347.8, 3764854.0, 43.3, 43.3, 0.0);	(365367.8, 3764854.0, 43.1, 43.1, 0.0);
(365387.8, 3764854.0, 43.0, 43.0, 0.0);	(365407.8, 3764854.0, 43.1, 43.1, 0.0);
(365427.8, 3764854.0, 43.2, 43.2, 0.0);	(364747.8, 3764874.0, 44.4, 44.4, 0.0);

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 2) Construction HRA
*** AERMET - VERSION 16216 *** *** Santa Monica
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

*** 02/12/23
*** 21:59:03

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

(364767.8, 3764874.0,	44.1,	44.1,	0.0);	(364787.8, 3764874.0,	43.8,	43.8,	0.0);
(364807.8, 3764874.0,	43.5,	43.5,	0.0);	(364827.8, 3764874.0,	43.2,	43.2,	0.0);
(364887.8, 3764874.0,	43.9,	43.9,	0.0);	(364907.8, 3764874.0,	44.3,	44.3,	0.0);
(364947.8, 3764874.0,	44.5,	44.5,	0.0);	(364967.8, 3764874.0,	44.5,	44.5,	0.0);
(365011.8, 3764867.7,	44.2,	44.2,	0.0);	(365060.3, 3764876.1,	44.2,	44.2,	0.0);
(365167.8, 3764874.0,	44.6,	44.6,	0.0);	(365187.8, 3764874.0,	44.5,	44.5,	0.0);
(365207.8, 3764874.0,	44.5,	44.5,	0.0);	(365227.8, 3764874.0,	44.7,	44.7,	0.0);
(365247.8, 3764874.0,	44.7,	44.7,	0.0);	(365307.8, 3764874.0,	43.9,	43.9,	0.0);
(365327.8, 3764874.0,	43.6,	43.6,	0.0);	(365347.8, 3764874.0,	43.2,	43.2,	0.0);
(365367.8, 3764874.0,	43.0,	43.0,	0.0);	(365387.8, 3764874.0,	42.9,	42.9,	0.0);
(365407.8, 3764874.0,	42.8,	42.8,	0.0);	(365427.8, 3764874.0,	42.8,	42.8,	0.0);
(364747.8, 3764894.0,	44.3,	44.3,	0.0);	(364767.8, 3764894.0,	43.4,	43.4,	0.0);
(364787.8, 3764894.0,	43.7,	43.7,	0.0);	(364807.8, 3764894.0,	43.7,	43.7,	0.0);
(364827.8, 3764894.0,	43.5,	43.5,	0.0);	(364887.8, 3764894.0,	44.5,	44.5,	0.0);
(364907.8, 3764894.0,	44.8,	44.8,	0.0);	(364927.8, 3764894.0,	44.8,	44.8,	0.0);
(364947.8, 3764894.0,	44.5,	44.5,	0.0);	(365007.8, 3764894.0,	44.4,	44.4,	0.0);
(365025.5, 3764901.5,	44.1,	44.1,	0.0);	(365047.8, 3764894.0,	44.3,	44.3,	0.0);
(365067.8, 3764894.0,	44.4,	44.4,	0.0);	(365087.8, 3764894.0,	44.3,	44.3,	0.0);
(365147.8, 3764894.0,	44.5,	44.5,	0.0);	(365167.8, 3764894.0,	44.6,	44.6,	0.0);
(365187.8, 3764894.0,	44.5,	44.5,	0.0);	(365207.8, 3764894.0,	44.4,	44.4,	0.0);
(365227.8, 3764894.0,	44.5,	44.5,	0.0);	(365247.8, 3764894.0,	44.5,	44.5,	0.0);
(365267.8, 3764894.0,	44.3,	44.3,	0.0);	(365347.8, 3764894.0,	43.1,	43.1,	0.0);
(365367.8, 3764894.0,	42.9,	42.9,	0.0);	(365387.8, 3764894.0,	42.9,	42.9,	0.0);
(365407.8, 3764894.0,	42.7,	42.7,	0.0);	(364727.8, 3764914.0,	44.4,	44.4,	0.0);
(364747.8, 3764914.0,	44.0,	44.0,	0.0);	(364767.8, 3764914.0,	43.5,	43.5,	0.0);
(364787.8, 3764914.0,	43.8,	43.8,	0.0);	(364807.8, 3764914.0,	43.8,	43.8,	0.0);
(364867.8, 3764914.0,	44.8,	44.8,	0.0);	(364887.8, 3764914.0,	45.0,	45.0,	0.0);
(364907.8, 3764914.0,	45.0,	45.0,	0.0);	(364927.8, 3764914.0,	44.7,	44.7,	0.0);
(364987.8, 3764914.0,	44.2,	44.2,	0.0);	(365007.8, 3764914.0,	44.2,	44.2,	0.0);
(365027.8, 3764914.0,	44.0,	44.0,	0.0);	(365047.8, 3764914.0,	44.2,	44.2,	0.0);
(365121.3, 3764918.1,	44.7,	44.7,	0.0);	(365187.8, 3764914.0,	44.6,	44.6,	0.0);
(365207.8, 3764914.0,	44.7,	44.7,	0.0);	(365227.8, 3764914.0,	44.4,	44.4,	0.0);
(365247.8, 3764914.0,	44.0,	44.0,	0.0);	(365267.8, 3764914.0,	43.9,	43.9,	0.0);
(365287.8, 3764914.0,	43.8,	43.8,	0.0);	(365307.8, 3764914.0,	43.2,	43.2,	0.0);
(365367.8, 3764914.0,	42.9,	42.9,	0.0);	(365387.8, 3764914.0,	43.0,	43.0,	0.0);
(364727.8, 3764934.0,	44.3,	44.3,	0.0);	(364747.8, 3764934.0,	43.8,	43.8,	0.0);
(364767.8, 3764934.0,	43.7,	43.7,	0.0);	(364787.8, 3764934.0,	43.9,	43.9,	0.0);
(364847.8, 3764934.0,	45.0,	45.0,	0.0);	(364867.8, 3764934.0,	45.3,	45.3,	0.0);
(364887.8, 3764934.0,	45.2,	45.2,	0.0);	(364907.8, 3764934.0,	45.0,	45.0,	0.0);
(364987.8, 3764934.0,	44.0,	44.0,	0.0);	(365007.8, 3764934.0,	44.0,	44.0,	0.0);
(365027.8, 3764934.0,	44.0,	44.0,	0.0);	(365047.8, 3764934.0,	44.3,	44.3,	0.0);
(365107.8, 3764934.0,	44.9,	44.9,	0.0);	(365127.8, 3764934.0,	45.0,	45.0,	0.0);
(365147.8, 3764934.0,	44.9,	44.9,	0.0);	(365207.8, 3764934.0,	44.7,	44.7,	0.0);
(365227.8, 3764934.0,	44.6,	44.6,	0.0);	(365247.8, 3764934.0,	44.3,	44.3,	0.0);
(365267.8, 3764934.0,	44.1,	44.1,	0.0);	(365287.8, 3764934.0,	43.8,	43.8,	0.0);

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/12/23
*** 21:59:03

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

(365307.8, 3764934.0,	43.2,	43.2,	0.0);	(365327.8, 3764934.0,	43.2,	43.2,	0.0);
(364707.8, 3764954.0,	44.6,	44.6,	0.0);	(364727.8, 3764954.0,	44.2,	44.2,	0.0);
(364747.8, 3764954.0,	43.8,	43.8,	0.0);	(364767.8, 3764954.0,	44.0,	44.0,	0.0);
(364787.8, 3764954.0,	44.3,	44.3,	0.0);	(364847.8, 3764954.0,	45.7,	45.7,	0.0);
(364867.8, 3764954.0,	45.6,	45.6,	0.0);	(364887.8, 3764954.0,	45.3,	45.3,	0.0);
(364907.8, 3764954.0,	44.9,	44.9,	0.0);	(364967.8, 3764954.0,	44.0,	44.0,	0.0);
(364987.8, 3764954.0,	43.8,	43.8,	0.0);	(365027.8, 3764954.0,	44.3,	44.3,	0.0);
(365087.8, 3764954.0,	45.0,	45.0,	0.0);	(365107.8, 3764954.0,	45.3,	45.3,	0.0);
(365127.8, 3764954.0,	45.4,	45.4,	0.0);	(365147.8, 3764954.0,	45.3,	45.3,	0.0);
(365167.8, 3764954.0,	45.1,	45.1,	0.0);	(365247.8, 3764954.0,	44.6,	44.6,	0.0);
(365267.8, 3764954.0,	44.4,	44.4,	0.0);	(365287.8, 3764954.0,	44.1,	44.1,	0.0);
(365307.8, 3764954.0,	43.4,	43.4,	0.0);	(365327.8, 3764954.0,	43.3,	43.3,	0.0);
(365347.8, 3764954.0,	43.3,	43.3,	0.0);	(365367.8, 3764954.0,	43.2,	43.2,	0.0);
(364687.8, 3764974.0,	44.8,	44.8,	0.0);	(364707.8, 3764974.0,	44.5,	44.5,	0.0);
(364727.8, 3764974.0,	44.3,	44.3,	0.0);	(364747.8, 3764974.0,	44.3,	44.3,	0.0);
(364767.8, 3764974.0,	44.6,	44.6,	0.0);	(364827.8, 3764974.0,	45.6,	45.6,	0.0);
(364847.8, 3764974.0,	45.9,	45.9,	0.0);	(364867.8, 3764974.0,	45.7,	45.7,	0.0);
(364887.8, 3764974.0,	45.2,	45.2,	0.0);	(364907.8, 3764974.0,	44.7,	44.7,	0.0);
(364947.8, 3764974.0,	43.8,	43.8,	0.0);	(364967.8, 3764974.0,	43.7,	43.7,	0.0);
(365007.8, 3764974.0,	44.1,	44.1,	0.0);	(365027.8, 3764974.0,	44.5,	44.5,	0.0);
(365067.8, 3764974.0,	45.0,	45.0,	0.0);	(365087.8, 3764974.0,	45.4,	45.4,	0.0);
(365107.8, 3764974.0,	45.6,	45.6,	0.0);	(365127.8, 3764974.0,	45.9,	45.9,	0.0);
(365147.8, 3764974.0,	45.4,	45.4,	0.0);	(365167.8, 3764974.0,	45.0,	45.0,	0.0);
(365267.8, 3764974.0,	44.8,	44.8,	0.0);	(365287.8, 3764974.0,	44.8,	44.8,	0.0);
(365307.8, 3764974.0,	44.2,	44.2,	0.0);	(365327.8, 3764974.0,	43.7,	43.7,	0.0);
(365347.8, 3764974.0,	43.5,	43.5,	0.0);	(364667.8, 3764994.0,	44.8,	44.8,	0.0);
(364687.8, 3764994.0,	44.7,	44.7,	0.0);	(364707.8, 3764994.0,	44.5,	44.5,	0.0);
(364727.8, 3764994.0,	44.6,	44.6,	0.0);	(364747.8, 3764994.0,	44.9,	44.9,	0.0);
(364807.8, 3764994.0,	45.7,	45.7,	0.0);	(364827.8, 3764994.0,	45.9,	45.9,	0.0);
(364847.8, 3764994.0,	46.0,	46.0,	0.0);	(364867.8, 3764994.0,	45.6,	45.6,	0.0);
(364887.8, 3764994.0,	45.1,	45.1,	0.0);	(364927.8, 3764994.0,	44.0,	44.0,	0.0);
(364947.8, 3764994.0,	43.7,	43.7,	0.0);	(364987.8, 3764994.0,	43.9,	43.9,	0.0);
(365007.8, 3764994.0,	44.3,	44.3,	0.0);	(365067.8, 3764994.0,	45.4,	45.4,	0.0);
(365087.8, 3764994.0,	45.7,	45.7,	0.0);	(365107.8, 3764994.0,	45.8,	45.8,	0.0);
(365127.8, 3764994.0,	45.9,	45.9,	0.0);	(365147.8, 3764994.0,	45.3,	45.3,	0.0);
(365307.8, 3764994.0,	44.7,	44.7,	0.0);	(365327.8, 3764994.0,	44.3,	44.3,	0.0);
(365347.8, 3764994.0,	44.1,	44.1,	0.0);	(364667.8, 3765014.0,	44.9,	44.9,	0.0);
(364687.8, 3765014.0,	44.7,	44.7,	0.0);	(364707.8, 3765014.0,	44.8,	44.8,	0.0);
(364727.8, 3765014.0,	45.1,	45.1,	0.0);	(364787.8, 3765014.0,	46.0,	46.0,	0.0);
(364807.8, 3765014.0,	46.1,	46.1,	0.0);	(364827.8, 3765014.0,	46.1,	46.1,	0.0);
(364847.8, 3765014.0,	45.9,	45.9,	0.0);	(364867.8, 3765014.0,	45.4,	45.4,	0.0);
(364927.8, 3765014.0,	43.9,	43.9,	0.0);	(364947.8, 3765014.0,	43.7,	43.7,	0.0);
(364987.8, 3765014.0,	44.2,	44.2,	0.0);	(365007.8, 3765014.0,	44.6,	44.6,	0.0);
(365047.8, 3765014.0,	45.3,	45.3,	0.0);	(365067.8, 3765014.0,	45.8,	45.8,	0.0);
(365089.2, 3765022.2,	46.0,	46.0,	0.0);	(365107.8, 3765014.0,	45.9,	45.9,	0.0);

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 2) Construction HRA   ***   02/12/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   ***   21:59:03
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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(365127.8, 3765014.0, 45.7, 45.7, 0.0);	(365177.2, 3765021.6, 45.3, 45.3, 0.0);
(365327.8, 3765014.0, 44.9, 44.9, 0.0);	(364647.8, 3765034.0, 45.1, 45.1, 0.0);
(364667.8, 3765034.0, 45.0, 45.0, 0.0);	(364687.8, 3765034.0, 44.9, 44.9, 0.0);
(364707.8, 3765034.0, 45.1, 45.1, 0.0);	(364727.8, 3765034.0, 45.5, 45.5, 0.0);
(364787.8, 3765034.0, 46.3, 46.3, 0.0);	(364807.8, 3765034.0, 46.3, 46.3, 0.0);
(364827.8, 3765034.0, 46.1, 46.1, 0.0);	(364847.8, 3765034.0, 45.8, 45.8, 0.0);
(364907.8, 3765034.0, 44.4, 44.4, 0.0);	(364927.8, 3765034.0, 44.0, 44.0, 0.0);
(364967.8, 3765034.0, 44.4, 44.4, 0.0);	(364987.8, 3765034.0, 44.7, 44.7, 0.0);
(365040.3, 3765045.5, 45.4, 45.4, 0.0);	(365047.8, 3765034.0, 45.4, 45.4, 0.0);
(365081.8, 3765036.7, 46.1, 46.1, 0.0);	(365102.7, 3765037.1, 45.8, 45.8, 0.0);
(365115.9, 3765028.2, 45.6, 45.6, 0.0);	(365167.8, 3765034.0, 45.3, 45.3, 0.0);
(364667.8, 3765054.0, 45.3, 45.3, 0.0);	(364687.8, 3765054.0, 45.3, 45.3, 0.0);
(364707.8, 3765054.0, 45.6, 45.6, 0.0);	(364767.8, 3765054.0, 46.6, 46.6, 0.0);
(364787.8, 3765054.0, 46.6, 46.6, 0.0);	(364807.8, 3765054.0, 46.4, 46.4, 0.0);
(364827.8, 3765054.0, 46.0, 46.0, 0.0);	(364847.8, 3765054.0, 45.5, 45.5, 0.0);
(364887.8, 3765054.0, 44.7, 44.7, 0.0);	(364907.8, 3765054.0, 44.5, 44.5, 0.0);
(364947.8, 3765054.0, 44.5, 44.5, 0.0);	(364967.8, 3765054.0, 44.9, 44.9, 0.0);
(365027.8, 3765054.0, 45.5, 45.5, 0.0);	(365073.5, 3765062.5, 46.0, 46.0, 0.0);
(365090.6, 3765063.1, 45.8, 45.8, 0.0);	(365097.1, 3765048.7, 45.8, 45.8, 0.0);
(365147.8, 3765054.0, 45.3, 45.3, 0.0);	(365164.4, 3765046.0, 45.3, 45.3, 0.0);
(365207.8, 3765054.0, 45.1, 45.1, 0.0);	(365227.8, 3765054.0, 45.1, 45.1, 0.0);
(365287.8, 3765054.0, 45.3, 45.3, 0.0);	(365307.8, 3765054.0, 45.7, 45.7, 0.0);
(365327.8, 3765054.0, 45.6, 45.6, 0.0);	(364607.8, 3765074.0, 45.7, 45.7, 0.0);
(364627.8, 3765074.0, 45.7, 45.7, 0.0);	(364687.8, 3765074.0, 45.9, 45.9, 0.0);
(364747.8, 3765074.0, 46.9, 46.9, 0.0);	(364767.8, 3765074.0, 46.9, 46.9, 0.0);
(364787.8, 3765074.0, 46.6, 46.6, 0.0);	(364807.8, 3765074.0, 46.3, 46.3, 0.0);
(364827.8, 3765074.0, 45.9, 45.9, 0.0);	(364867.8, 3765074.0, 45.0, 45.0, 0.0);
(364887.8, 3765074.0, 44.8, 44.8, 0.0);	(364907.8, 3765074.0, 44.7, 44.7, 0.0);
(364927.8, 3765074.0, 44.8, 44.8, 0.0);	(364947.8, 3765074.0, 45.1, 45.1, 0.0);
(365007.8, 3765074.0, 45.8, 45.8, 0.0);	(365021.8, 3765063.6, 45.6, 45.6, 0.0);
(365082.6, 3765075.8, 45.9, 45.9, 0.0);	(365146.5, 3765067.2, 45.4, 45.4, 0.0);
(365135.7, 3765077.5, 45.5, 45.5, 0.0);	(365207.8, 3765074.0, 45.1, 45.1, 0.0);
(365227.8, 3765074.0, 45.1, 45.1, 0.0);	(365267.8, 3765074.0, 45.2, 45.2, 0.0);
(365287.8, 3765074.0, 45.6, 45.6, 0.0);	(365307.8, 3765074.0, 46.0, 46.0, 0.0);
(365327.8, 3765074.0, 46.0, 46.0, 0.0);	(365347.8, 3765074.0, 45.8, 45.8, 0.0);
(364607.8, 3765094.0, 45.9, 45.9, 0.0);	(364627.8, 3765094.0, 46.2, 46.2, 0.0);
(364647.8, 3765094.0, 46.3, 46.3, 0.0);	(364727.8, 3765094.0, 46.9, 46.9, 0.0);
(364747.8, 3765094.0, 47.3, 47.3, 0.0);	(364767.8, 3765094.0, 47.0, 47.0, 0.0);
(364787.8, 3765094.0, 46.6, 46.6, 0.0);	(364807.8, 3765094.0, 46.2, 46.2, 0.0);
(364867.8, 3765094.0, 45.2, 45.2, 0.0);	(364887.8, 3765094.0, 45.1, 45.1, 0.0);
(364927.8, 3765094.0, 45.4, 45.4, 0.0);	(364947.8, 3765094.0, 45.8, 45.8, 0.0);
(364991.2, 3765100.9, 46.5, 46.5, 0.0);	(365007.8, 3765094.0, 46.4, 46.4, 0.0);
(365130.0, 3765090.1, 45.6, 45.6, 0.0);	(365123.9, 3765104.3, 45.8, 45.8, 0.0);
(365192.8, 3765102.6, 45.3, 45.3, 0.0);	(365207.8, 3765094.0, 45.1, 45.1, 0.0);
(365267.8, 3765094.0, 45.6, 45.6, 0.0);	(365287.8, 3765094.0, 46.1, 46.1, 0.0);

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 2) Construction HRA   ***   02/12/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   21:59:03
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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(365307.8, 3765094.0, 46.6, 46.6, 0.0);	(365327.8, 3765094.0, 46.4, 46.4, 0.0);
(364587.8, 3765114.0, 46.0, 46.0, 0.0);	(364607.8, 3765114.0, 46.2, 46.2, 0.0);
(364627.8, 3765114.0, 46.5, 46.5, 0.0);	(364647.8, 3765114.0, 46.8, 46.8, 0.0);
(364667.8, 3765114.0, 47.0, 47.0, 0.0);	(364747.8, 3765114.0, 47.5, 47.5, 0.0);
(364767.8, 3765114.0, 47.0, 47.0, 0.0);	(364787.8, 3765114.0, 46.5, 46.5, 0.0);
(364807.8, 3765114.0, 46.0, 46.0, 0.0);	(364847.8, 3765114.0, 45.5, 45.5, 0.0);
(364867.8, 3765114.0, 45.5, 45.5, 0.0);	(364907.8, 3765114.0, 45.7, 45.7, 0.0);
(364927.8, 3765114.0, 46.1, 46.1, 0.0);	(364987.8, 3765114.0, 46.8, 46.8, 0.0);
(364974.2, 3765124.8, 47.0, 47.0, 0.0);	(365167.8, 3765114.0, 45.4, 45.4, 0.0);
(365187.8, 3765114.0, 45.4, 45.4, 0.0);	(365247.8, 3765114.0, 45.6, 45.6, 0.0);
(365267.8, 3765114.0, 46.1, 46.1, 0.0);	(365287.8, 3765114.0, 46.8, 46.8, 0.0);
(365307.8, 3765114.0, 47.2, 47.2, 0.0);	(365327.8, 3765114.0, 46.9, 46.9, 0.0);
(364587.8, 3765134.0, 46.1, 46.1, 0.0);	(364607.8, 3765134.0, 46.4, 46.4, 0.0);
(364627.8, 3765134.0, 46.7, 46.7, 0.0);	(364647.8, 3765134.0, 47.1, 47.1, 0.0);
(364707.8, 3765134.0, 47.7, 47.7, 0.0);	(364787.8, 3765134.0, 46.5, 46.5, 0.0);
(364847.8, 3765134.0, 45.8, 45.8, 0.0);	(364867.8, 3765134.0, 45.8, 45.8, 0.0);
(364887.8, 3765134.0, 46.0, 46.0, 0.0);	(364907.8, 3765134.0, 46.4, 46.4, 0.0);
(364967.8, 3765134.0, 47.1, 47.1, 0.0);	(365173.2, 3765141.7, 45.5, 45.5, 0.0);
(365183.3, 3765128.9, 45.5, 45.5, 0.0);	(365227.8, 3765134.0, 45.8, 45.8, 0.0);
(365247.8, 3765134.0, 46.1, 46.1, 0.0);	(365287.8, 3765134.0, 47.7, 47.7, 0.0);
(365307.8, 3765134.0, 47.8, 47.8, 0.0);	(365327.8, 3765134.0, 47.4, 47.4, 0.0);
(364587.8, 3765154.0, 46.4, 46.4, 0.0);	(364607.8, 3765154.0, 46.6, 46.6, 0.0);
(364627.8, 3765154.0, 47.0, 47.0, 0.0);	(364647.8, 3765154.0, 47.4, 47.4, 0.0);
(364687.8, 3765154.0, 48.0, 48.0, 0.0);	(364707.8, 3765154.0, 48.0, 48.0, 0.0);
(364727.8, 3765154.0, 47.8, 47.8, 0.0);	(364747.8, 3765154.0, 47.4, 47.4, 0.0);
(364827.8, 3765154.0, 46.2, 46.2, 0.0);	(364847.8, 3765154.0, 46.3, 46.3, 0.0);
(364887.8, 3765154.0, 46.7, 46.7, 0.0);	(364907.8, 3765154.0, 47.0, 47.0, 0.0);
(364948.8, 3765161.6, 47.5, 47.5, 0.0);	(364970.0, 3765159.7, 47.6, 47.6, 0.0);
(365152.9, 3765164.4, 45.7, 45.7, 0.0);	(365167.8, 3765154.0, 45.5, 45.5, 0.0);
(365227.8, 3765154.0, 46.3, 46.3, 0.0);	(365247.8, 3765154.0, 46.9, 46.9, 0.0);
(365287.8, 3765154.0, 47.8, 47.8, 0.0);	(365307.8, 3765154.0, 47.9, 47.9, 0.0);
(365347.8, 3765154.0, 47.5, 47.5, 0.0);	(365367.8, 3765154.0, 47.4, 47.4, 0.0);
(364587.8, 3765174.0, 46.6, 46.6, 0.0);	(364607.8, 3765174.0, 46.9, 46.9, 0.0);
(364627.8, 3765174.0, 47.3, 47.3, 0.0);	(364667.8, 3765174.0, 47.9, 47.9, 0.0);
(364687.8, 3765174.0, 48.3, 48.3, 0.0);	(364707.8, 3765174.0, 48.2, 48.2, 0.0);
(364727.8, 3765174.0, 47.7, 47.7, 0.0);	(364747.8, 3765174.0, 47.5, 47.5, 0.0);
(364767.8, 3765174.0, 47.2, 47.2, 0.0);	(364827.8, 3765174.0, 46.6, 46.6, 0.0);
(364847.8, 3765174.0, 46.9, 46.9, 0.0);	(364867.8, 3765174.0, 47.2, 47.2, 0.0);
(364887.8, 3765174.0, 47.4, 47.4, 0.0);	(364941.2, 3765177.7, 47.7, 47.7, 0.0);
(364967.8, 3765174.0, 47.8, 47.8, 0.0);	(365127.8, 3765174.0, 46.0, 46.0, 0.0);
(365147.8, 3765174.0, 45.8, 45.8, 0.0);	(365207.8, 3765174.0, 46.6, 46.6, 0.0);
(365227.8, 3765174.0, 46.9, 46.9, 0.0);	(365247.8, 3765174.0, 47.5, 47.5, 0.0);
(365267.8, 3765174.0, 48.0, 48.0, 0.0);	(365287.8, 3765174.0, 48.2, 48.2, 0.0);
(365307.8, 3765174.0, 48.1, 48.1, 0.0);	(365347.8, 3765174.0, 47.9, 47.9, 0.0);
(365367.8, 3765174.0, 47.7, 47.7, 0.0);	(364587.8, 3765194.0, 46.9, 46.9, 0.0);

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/12/23
*** 21:59:03

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

(364607.8, 3765194.0,	47.3,	47.3,	0.0);	(364667.8, 3765194.0,	48.2,	48.2,	0.0);
(364687.8, 3765194.0,	48.4,	48.4,	0.0);	(364707.8, 3765194.0,	48.2,	48.2,	0.0);
(364727.8, 3765194.0,	47.8,	47.8,	0.0);	(364747.8, 3765194.0,	47.6,	47.6,	0.0);
(364787.8, 3765194.0,	47.0,	47.0,	0.0);	(364807.8, 3765194.0,	47.2,	47.2,	0.0);
(364847.8, 3765194.0,	47.2,	47.2,	0.0);	(364867.8, 3765194.0,	47.6,	47.6,	0.0);
(364927.8, 3765194.0,	47.6,	47.6,	0.0);	(364955.3, 3765151.4,	47.3,	47.3,	0.0);
(365125.7, 3765201.3,	46.2,	46.2,	0.0);	(365147.8, 3765194.0,	46.1,	46.1,	0.0);
(365187.8, 3765194.0,	46.7,	46.7,	0.0);	(365207.8, 3765194.0,	47.2,	47.2,	0.0);
(365247.8, 3765194.0,	47.9,	47.9,	0.0);	(365267.8, 3765194.0,	48.3,	48.3,	0.0);
(365287.8, 3765194.0,	48.8,	48.8,	0.0);	(365327.8, 3765194.0,	48.3,	48.3,	0.0);
(365347.8, 3765194.0,	48.1,	48.1,	0.0);	(365367.8, 3765194.0,	47.7,	47.7,	0.0);
(365387.8, 3765194.0,	47.3,	47.3,	0.0);	(365407.8, 3765194.0,	47.3,	47.3,	0.0);
(364587.8, 3765214.0,	47.4,	47.4,	0.0);	(364647.8, 3765214.0,	48.2,	48.2,	0.0);
(364667.8, 3765214.0,	48.5,	48.5,	0.0);	(364687.8, 3765214.0,	48.5,	48.5,	0.0);
(364707.8, 3765214.0,	48.2,	48.2,	0.0);	(364727.8, 3765214.0,	47.8,	47.8,	0.0);
(364787.8, 3765214.0,	47.4,	47.4,	0.0);	(364807.8, 3765214.0,	47.8,	47.8,	0.0);
(364827.8, 3765214.0,	48.0,	48.0,	0.0);	(364907.8, 3765214.0,	47.6,	47.6,	0.0);
(364917.3, 3765219.7,	47.6,	47.6,	0.0);	(365118.9, 3765212.8,	46.4,	46.4,	0.0);
(365187.8, 3765214.0,	47.2,	47.2,	0.0);	(365207.8, 3765214.0,	47.8,	47.8,	0.0);
(365247.8, 3765214.0,	48.6,	48.6,	0.0);	(365267.8, 3765214.0,	48.8,	48.8,	0.0);
(365307.8, 3765214.0,	48.9,	48.9,	0.0);	(365327.8, 3765214.0,	48.5,	48.5,	0.0);
(365347.8, 3765214.0,	48.1,	48.1,	0.0);	(365387.8, 3765214.0,	47.5,	47.5,	0.0);
(365407.8, 3765214.0,	47.5,	47.5,	0.0);	(365427.8, 3765214.0,	47.3,	47.3,	0.0);
(364587.8, 3765234.0,	47.8,	47.8,	0.0);	(364627.8, 3765234.0,	48.2,	48.2,	0.0);
(364647.8, 3765234.0,	48.5,	48.5,	0.0);	(364667.8, 3765234.0,	48.7,	48.7,	0.0);
(364687.8, 3765234.0,	48.7,	48.7,	0.0);	(364707.8, 3765234.0,	48.4,	48.4,	0.0);
(364727.8, 3765234.0,	47.8,	47.8,	0.0);	(364767.8, 3765234.0,	47.7,	47.7,	0.0);
(364787.8, 3765234.0,	47.9,	47.9,	0.0);	(364807.8, 3765234.0,	48.3,	48.3,	0.0);
(364827.8, 3765234.0,	48.8,	48.8,	0.0);	(364847.8, 3765234.0,	49.0,	49.0,	0.0);
(364927.8, 3765234.0,	47.6,	47.6,	0.0);	(365106.3, 3765240.5,	47.0,	47.0,	0.0);
(365111.2, 3765225.1,	46.7,	46.7,	0.0);	(365167.8, 3765234.0,	47.1,	47.1,	0.0);
(365187.8, 3765234.0,	47.8,	47.8,	0.0);	(365227.8, 3765234.0,	48.9,	48.9,	0.0);
(365247.8, 3765234.0,	49.1,	49.1,	0.0);	(365267.8, 3765234.0,	49.2,	49.2,	0.0);
(365307.8, 3765234.0,	49.3,	49.3,	0.0);	(365327.8, 3765234.0,	48.7,	48.7,	0.0);
(365367.8, 3765234.0,	47.7,	47.7,	0.0);	(365387.8, 3765234.0,	47.8,	47.8,	0.0);
(365407.8, 3765234.0,	47.7,	47.7,	0.0);	(365427.8, 3765234.0,	47.5,	47.5,	0.0);
(365447.8, 3765234.0,	47.3,	47.3,	0.0);	(365507.8, 3765234.0,	47.6,	47.6,	0.0);
(364627.8, 3765254.0,	48.7,	48.7,	0.0);	(364647.8, 3765254.0,	49.0,	49.0,	0.0);
(364667.8, 3765254.0,	49.2,	49.2,	0.0);	(364687.8, 3765254.0,	49.2,	49.2,	0.0);
(364707.8, 3765254.0,	48.8,	48.8,	0.0);	(364747.8, 3765254.0,	48.1,	48.1,	0.0);
(364767.8, 3765254.0,	48.2,	48.2,	0.0);	(364787.8, 3765254.0,	48.4,	48.4,	0.0);
(364807.8, 3765254.0,	48.9,	48.9,	0.0);	(364827.8, 3765254.0,	49.2,	49.2,	0.0);
(364887.8, 3765254.0,	48.2,	48.2,	0.0);	(365096.1, 3765254.0,	47.2,	47.2,	0.0);
(365147.8, 3765254.0,	47.2,	47.2,	0.0);	(365167.8, 3765254.0,	47.6,	47.6,	0.0);
(365207.8, 3765254.0,	49.3,	49.3,	0.0);	(365227.8, 3765254.0,	49.5,	49.5,	0.0);

*** AERMOD - VERSION 21112 *** ** SMM-08 (Phase 2) Construction HRA
*** AERMET - VERSION 16216 *** ** Santa Monica
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

*** 02/12/23
*** 21:59:03

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

(365247.8, 3765254.0, 49.5, 49.5, 0.0);	(365287.8, 3765254.0, 49.7, 49.7, 0.0);
(365307.8, 3765254.0, 49.6, 49.6, 0.0);	(365327.8, 3765254.0, 48.7, 48.7, 0.0);
(365347.8, 3765254.0, 48.1, 48.1, 0.0);	(365367.8, 3765254.0, 48.0, 48.0, 0.0);
(365387.8, 3765254.0, 48.0, 48.0, 0.0);	(365407.8, 3765254.0, 47.9, 47.9, 0.0);
(365427.8, 3765254.0, 47.6, 47.6, 0.0);	(365447.8, 3765254.0, 47.3, 47.3, 0.0);
(365487.8, 3765254.0, 48.0, 48.0, 0.0);	(364607.8, 3765274.0, 48.8, 48.8, 0.0);
(364627.8, 3765274.0, 49.1, 49.1, 0.0);	(364647.8, 3765274.0, 49.4, 49.4, 0.0);
(364667.8, 3765274.0, 49.6, 49.6, 0.0);	(364687.8, 3765274.0, 49.5, 49.5, 0.0);
(364727.8, 3765274.0, 48.8, 48.8, 0.0);	(364747.8, 3765274.0, 48.7, 48.7, 0.0);
(364767.8, 3765274.0, 48.8, 48.8, 0.0);	(364787.8, 3765274.0, 49.0, 49.0, 0.0);
(364807.8, 3765274.0, 49.3, 49.3, 0.0);	(364827.8, 3765274.0, 49.6, 49.6, 0.0);
(364867.8, 3765274.0, 48.9, 48.9, 0.0);	(364887.8, 3765274.0, 48.4, 48.4, 0.0);
(364907.8, 3765274.0, 47.7, 47.7, 0.0);	(364927.8, 3765274.0, 47.5, 47.5, 0.0);
(365089.6, 3765267.3, 47.4, 47.4, 0.0);	(365127.8, 3765274.0, 47.7, 47.7, 0.0);
(365147.8, 3765274.0, 47.9, 47.9, 0.0);	(365167.8, 3765274.0, 48.2, 48.2, 0.0);
(365187.8, 3765274.0, 48.8, 48.8, 0.0);	(365207.8, 3765274.0, 49.6, 49.6, 0.0);
(365227.8, 3765274.0, 49.7, 49.7, 0.0);	(365267.8, 3765274.0, 50.1, 50.1, 0.0);
(365287.8, 3765274.0, 50.3, 50.3, 0.0);	(365307.8, 3765274.0, 49.2, 49.2, 0.0);
(365327.8, 3765274.0, 48.7, 48.7, 0.0);	(365347.8, 3765274.0, 48.5, 48.5, 0.0);
(365367.8, 3765274.0, 48.4, 48.4, 0.0);	(365387.8, 3765274.0, 47.9, 47.9, 0.0);
(365407.8, 3765274.0, 47.9, 47.9, 0.0);	(365427.8, 3765274.0, 47.7, 47.7, 0.0);
(365447.8, 3765274.0, 47.8, 47.8, 0.0);	(365467.8, 3765274.0, 48.3, 48.3, 0.0);
(364587.8, 3765294.0, 48.7, 48.7, 0.0);	(364607.8, 3765294.0, 49.1, 49.1, 0.0);
(364627.8, 3765294.0, 49.5, 49.5, 0.0);	(364647.8, 3765294.0, 49.9, 49.9, 0.0);
(364667.8, 3765294.0, 50.2, 50.2, 0.0);	(364687.8, 3765294.0, 49.8, 49.8, 0.0);
(364727.8, 3765294.0, 49.6, 49.6, 0.0);	(364747.8, 3765294.0, 49.4, 49.4, 0.0);
(364767.8, 3765294.0, 49.4, 49.4, 0.0);	(364787.8, 3765294.0, 49.6, 49.6, 0.0);
(364807.8, 3765294.0, 49.7, 49.7, 0.0);	(364867.8, 3765294.0, 49.1, 49.1, 0.0);
(364887.8, 3765294.0, 48.4, 48.4, 0.0);	(364907.8, 3765294.0, 47.8, 47.8, 0.0);
(364927.8, 3765294.0, 47.7, 47.7, 0.0);	(364947.8, 3765294.0, 47.4, 47.4, 0.0);
(365049.1, 3765286.1, 47.8, 47.8, 0.0);	(365058.7, 3765297.1, 47.9, 47.9, 0.0);
(365127.8, 3765294.0, 48.4, 48.4, 0.0);	(365147.8, 3765294.0, 48.6, 48.6, 0.0);
(365167.8, 3765294.0, 48.8, 48.8, 0.0);	(365187.8, 3765294.0, 49.4, 49.4, 0.0);
(365207.8, 3765294.0, 49.9, 49.9, 0.0);	(365227.8, 3765294.0, 49.9, 49.9, 0.0);
(365267.8, 3765294.0, 50.6, 50.6, 0.0);	(365287.8, 3765294.0, 50.7, 50.7, 0.0);
(365307.8, 3765294.0, 49.0, 49.0, 0.0);	(365327.8, 3765294.0, 48.7, 48.7, 0.0);
(365387.8, 3765294.0, 48.0, 48.0, 0.0);	(365407.8, 3765294.0, 48.0, 48.0, 0.0);
(365427.8, 3765294.0, 48.0, 48.0, 0.0);	(365447.8, 3765294.0, 48.3, 48.3, 0.0);
(365467.8, 3765294.0, 48.9, 48.9, 0.0);	(364587.8, 3765314.0, 49.0, 49.0, 0.0);
(364607.8, 3765314.0, 49.2, 49.2, 0.0);	(364627.8, 3765314.0, 49.6, 49.6, 0.0);
(364647.8, 3765314.0, 50.2, 50.2, 0.0);	(364667.8, 3765314.0, 50.4, 50.4, 0.0);
(364707.8, 3765314.0, 50.3, 50.3, 0.0);	(364727.8, 3765314.0, 50.3, 50.3, 0.0);
(364747.8, 3765314.0, 50.1, 50.1, 0.0);	(364767.8, 3765314.0, 50.2, 50.2, 0.0);
(364787.8, 3765314.0, 50.2, 50.2, 0.0);	(364847.8, 3765314.0, 49.7, 49.7, 0.0);
(364867.8, 3765314.0, 49.0, 49.0, 0.0);	(364887.8, 3765314.0, 48.3, 48.3, 0.0);

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/12/23
*** 21:59:03

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

(364907.8, 3765314.0,	47.9,	47.9,	0.0);	(364927.8, 3765314.0,	47.7,	47.7,	0.0);
(364967.8, 3765314.0,	47.4,	47.4,	0.0);	(364987.8, 3765314.0,	47.4,	47.4,	0.0);
(365007.8, 3765314.0,	47.5,	47.5,	0.0);	(365071.8, 3765307.5,	47.9,	47.9,	0.0);
(365107.8, 3765314.0,	48.6,	48.6,	0.0);	(365127.8, 3765314.0,	49.0,	49.0,	0.0);
(365147.8, 3765314.0,	49.2,	49.2,	0.0);	(365167.8, 3765314.0,	49.5,	49.5,	0.0);
(365187.8, 3765314.0,	49.9,	49.9,	0.0);	(365207.8, 3765314.0,	50.2,	50.2,	0.0);
(365247.8, 3765314.0,	50.6,	50.6,	0.0);	(365267.8, 3765314.0,	50.7,	50.7,	0.0);
(365287.8, 3765314.0,	50.6,	50.6,	0.0);	(365307.8, 3765314.0,	49.1,	49.1,	0.0);
(365327.8, 3765314.0,	48.7,	48.7,	0.0);	(365347.8, 3765314.0,	48.7,	48.7,	0.0);
(365427.8, 3765314.0,	48.5,	48.5,	0.0);	(365447.8, 3765314.0,	48.9,	48.9,	0.0);
(364587.8, 3765334.0,	49.2,	49.2,	0.0);	(364607.8, 3765334.0,	49.4,	49.4,	0.0);
(364627.8, 3765334.0,	49.8,	49.8,	0.0);	(364647.8, 3765334.0,	50.4,	50.4,	0.0);
(364687.8, 3765334.0,	50.9,	50.9,	0.0);	(364707.8, 3765334.0,	51.0,	51.0,	0.0);
(364727.8, 3765334.0,	50.9,	50.9,	0.0);	(364747.8, 3765334.0,	50.7,	50.7,	0.0);
(364767.8, 3765334.0,	50.8,	50.8,	0.0);	(364787.8, 3765334.0,	50.6,	50.6,	0.0);
(364827.8, 3765334.0,	50.2,	50.2,	0.0);	(364847.8, 3765334.0,	49.7,	49.7,	0.0);
(364867.8, 3765334.0,	49.0,	49.0,	0.0);	(364887.8, 3765334.0,	48.4,	48.4,	0.0);
(364907.8, 3765334.0,	48.0,	48.0,	0.0);	(364927.8, 3765334.0,	47.7,	47.7,	0.0);
(364947.8, 3765334.0,	47.5,	47.5,	0.0);	(364967.8, 3765334.0,	47.6,	47.6,	0.0);
(364987.8, 3765334.0,	47.7,	47.7,	0.0);	(365007.8, 3765334.0,	47.8,	47.8,	0.0);
(365027.8, 3765334.0,	47.9,	47.9,	0.0);	(365107.8, 3765334.0,	49.0,	49.0,	0.0);
(365127.8, 3765334.0,	49.5,	49.5,	0.0);	(365147.8, 3765334.0,	49.8,	49.8,	0.0);
(365167.8, 3765334.0,	50.1,	50.1,	0.0);	(365187.8, 3765334.0,	50.3,	50.3,	0.0);
(365227.8, 3765334.0,	50.4,	50.4,	0.0);	(365247.8, 3765334.0,	50.4,	50.4,	0.0);
(365267.8, 3765334.0,	50.3,	50.3,	0.0);	(365287.8, 3765334.0,	49.7,	49.7,	0.0);
(365307.8, 3765334.0,	49.0,	49.0,	0.0);	(365327.8, 3765334.0,	48.7,	48.7,	0.0);
(365347.8, 3765334.0,	48.6,	48.6,	0.0);	(365367.8, 3765334.0,	48.5,	48.5,	0.0);
(365387.8, 3765334.0,	48.6,	48.6,	0.0);	(365427.8, 3765334.0,	48.5,	48.5,	0.0);
(364587.8, 3765354.0,	49.2,	49.2,	0.0);	(364607.8, 3765354.0,	49.5,	49.5,	0.0);
(364627.8, 3765354.0,	50.1,	50.1,	0.0);	(364647.8, 3765354.0,	50.5,	50.5,	0.0);
(364687.8, 3765354.0,	51.2,	51.2,	0.0);	(364707.8, 3765354.0,	51.4,	51.4,	0.0);
(364727.8, 3765354.0,	51.2,	51.2,	0.0);	(364747.8, 3765354.0,	51.2,	51.2,	0.0);
(364767.8, 3765354.0,	51.2,	51.2,	0.0);	(364827.8, 3765354.0,	50.5,	50.5,	0.0);
(364847.8, 3765354.0,	49.8,	49.8,	0.0);	(364867.8, 3765354.0,	49.2,	49.2,	0.0);
(364887.8, 3765354.0,	48.6,	48.6,	0.0);	(364907.8, 3765354.0,	48.1,	48.1,	0.0);
(364927.8, 3765354.0,	47.6,	47.6,	0.0);	(364947.8, 3765354.0,	47.8,	47.8,	0.0);
(364967.8, 3765354.0,	47.9,	47.9,	0.0);	(364987.8, 3765354.0,	47.9,	47.9,	0.0);
(365007.8, 3765354.0,	48.0,	48.0,	0.0);	(365027.8, 3765354.0,	48.5,	48.5,	0.0);
(365047.8, 3765354.0,	48.5,	48.5,	0.0);	(365127.8, 3765354.0,	50.2,	50.2,	0.0);
(365147.8, 3765354.0,	50.5,	50.5,	0.0);	(365167.8, 3765354.0,	50.6,	50.6,	0.0);
(365187.8, 3765354.0,	50.6,	50.6,	0.0);	(365227.8, 3765354.0,	50.3,	50.3,	0.0);
(365247.8, 3765354.0,	50.1,	50.1,	0.0);	(365267.8, 3765354.0,	49.8,	49.8,	0.0);
(365287.8, 3765354.0,	48.9,	48.9,	0.0);	(365307.8, 3765354.0,	48.9,	48.9,	0.0);
(365327.8, 3765354.0,	48.8,	48.8,	0.0);	(365347.8, 3765354.0,	48.7,	48.7,	0.0);
(365367.8, 3765354.0,	48.5,	48.5,	0.0);	(365387.8, 3765354.0,	48.9,	48.9,	0.0);

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/12/23
*** 21:59:03

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

(365407.8, 3765354.0,	48.7,	48.7,	0.0);	(365427.8, 3765354.0,	48.6,	48.6,	0.0);
(364587.8, 3765374.0,	49.5,	49.5,	0.0);	(364607.8, 3765374.0,	49.9,	49.9,	0.0);
(364627.8, 3765374.0,	50.2,	50.2,	0.0);	(364667.8, 3765374.0,	50.9,	50.9,	0.0);
(364687.8, 3765374.0,	51.5,	51.5,	0.0);	(364707.8, 3765374.0,	51.6,	51.6,	0.0);
(364727.8, 3765374.0,	51.4,	51.4,	0.0);	(364747.8, 3765374.0,	51.2,	51.2,	0.0);
(364807.8, 3765374.0,	50.7,	50.7,	0.0);	(364827.8, 3765374.0,	50.5,	50.5,	0.0);
(364847.8, 3765374.0,	49.8,	49.8,	0.0);	(364867.8, 3765374.0,	49.2,	49.2,	0.0);
(364887.8, 3765374.0,	48.6,	48.6,	0.0);	(364907.8, 3765374.0,	48.2,	48.2,	0.0);
(364927.8, 3765374.0,	48.1,	48.1,	0.0);	(364947.8, 3765374.0,	48.1,	48.1,	0.0);
(364967.8, 3765374.0,	48.1,	48.1,	0.0);	(364987.8, 3765374.0,	48.3,	48.3,	0.0);
(365007.8, 3765374.0,	48.6,	48.6,	0.0);	(365027.8, 3765374.0,	48.9,	48.9,	0.0);
(365067.8, 3765374.0,	49.3,	49.3,	0.0);	(365087.8, 3765374.0,	50.0,	50.0,	0.0);
(365107.8, 3765374.0,	50.5,	50.5,	0.0);	(365167.8, 3765374.0,	50.8,	50.8,	0.0);
(365207.8, 3765374.0,	50.4,	50.4,	0.0);	(365227.8, 3765374.0,	50.0,	50.0,	0.0);
(365247.8, 3765374.0,	49.6,	49.6,	0.0);	(365267.8, 3765374.0,	49.2,	49.2,	0.0);
(365287.8, 3765374.0,	48.9,	48.9,	0.0);	(365307.8, 3765374.0,	49.0,	49.0,	0.0);
(365327.8, 3765374.0,	49.1,	49.1,	0.0);	(365347.8, 3765374.0,	48.9,	48.9,	0.0);
(365367.8, 3765374.0,	48.6,	48.6,	0.0);	(365387.8, 3765374.0,	49.0,	49.0,	0.0);
(365407.8, 3765374.0,	49.2,	49.2,	0.0);	(364587.8, 3765394.0,	49.7,	49.7,	0.0);
(364607.8, 3765394.0,	50.1,	50.1,	0.0);	(364627.8, 3765394.0,	50.3,	50.3,	0.0);
(364647.8, 3765394.0,	50.3,	50.3,	0.0);	(364667.8, 3765394.0,	51.3,	51.3,	0.0);
(364687.8, 3765394.0,	51.7,	51.7,	0.0);	(364707.8, 3765394.0,	51.7,	51.7,	0.0);
(364727.8, 3765394.0,	51.4,	51.4,	0.0);	(364747.8, 3765394.0,	51.1,	51.1,	0.0);
(364787.8, 3765394.0,	50.7,	50.7,	0.0);	(364807.8, 3765394.0,	50.8,	50.8,	0.0);
(364827.8, 3765394.0,	50.4,	50.4,	0.0);	(364847.8, 3765394.0,	49.8,	49.8,	0.0);
(364867.8, 3765394.0,	49.1,	49.1,	0.0);	(364887.8, 3765394.0,	48.6,	48.6,	0.0);
(364907.8, 3765394.0,	48.4,	48.4,	0.0);	(364927.8, 3765394.0,	48.5,	48.5,	0.0);
(364947.8, 3765394.0,	48.4,	48.4,	0.0);	(364967.8, 3765394.0,	48.4,	48.4,	0.0);
(364987.8, 3765394.0,	48.8,	48.8,	0.0);	(365007.8, 3765394.0,	49.2,	49.2,	0.0);
(365047.8, 3765394.0,	49.6,	49.6,	0.0);	(365067.8, 3765394.0,	50.0,	50.0,	0.0);
(365087.8, 3765394.0,	50.7,	50.7,	0.0);	(365107.8, 3765394.0,	51.2,	51.2,	0.0);
(365127.8, 3765394.0,	51.8,	51.8,	0.0);	(365147.8, 3765394.0,	51.5,	51.5,	0.0);
(365207.8, 3765394.0,	50.3,	50.3,	0.0);	(365227.8, 3765394.0,	49.8,	49.8,	0.0);
(365247.8, 3765394.0,	49.4,	49.4,	0.0);	(365267.8, 3765394.0,	49.1,	49.1,	0.0);
(365287.8, 3765394.0,	49.0,	49.0,	0.0);	(365307.8, 3765394.0,	49.2,	49.2,	0.0);
(365327.8, 3765394.0,	49.1,	49.1,	0.0);	(365347.8, 3765394.0,	48.9,	48.9,	0.0);
(365367.8, 3765394.0,	48.8,	48.8,	0.0);	(365387.8, 3765394.0,	49.6,	49.6,	0.0);
(364647.8, 3765414.0,	51.2,	51.2,	0.0);	(364667.8, 3765414.0,	51.8,	51.8,	0.0);
(364687.8, 3765414.0,	51.9,	51.9,	0.0);	(364707.8, 3765414.0,	51.8,	51.8,	0.0);
(364727.8, 3765414.0,	51.3,	51.3,	0.0);	(364787.8, 3765414.0,	50.6,	50.6,	0.0);
(364807.8, 3765414.0,	50.5,	50.5,	0.0);	(364827.8, 3765414.0,	50.1,	50.1,	0.0);
(364847.8, 3765414.0,	49.6,	49.6,	0.0);	(364867.8, 3765414.0,	49.0,	49.0,	0.0);
(364887.8, 3765414.0,	48.7,	48.7,	0.0);	(364907.8, 3765414.0,	48.8,	48.8,	0.0);
(364927.8, 3765414.0,	48.8,	48.8,	0.0);	(364947.8, 3765414.0,	48.7,	48.7,	0.0);
(364967.8, 3765414.0,	48.9,	48.9,	0.0);	(364987.8, 3765414.0,	49.4,	49.4,	0.0);

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 2) Construction HRA   ***   02/12/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   21:59:03
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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(365047.8, 3765414.0, 50.4, 50.4, 0.0);	(365067.8, 3765414.0, 50.8, 50.8, 0.0);
(365087.8, 3765414.0, 51.2, 51.2, 0.0);	(365107.8, 3765414.0, 51.6, 51.6, 0.0);
(365127.8, 3765414.0, 52.0, 52.0, 0.0);	(365147.8, 3765414.0, 51.7, 51.7, 0.0);
(365187.8, 3765414.0, 51.3, 51.3, 0.0);	(365247.8, 3765414.0, 49.3, 49.3, 0.0);
(365267.8, 3765414.0, 49.1, 49.1, 0.0);	(365287.8, 3765414.0, 49.2, 49.2, 0.0);
(365307.8, 3765414.0, 49.3, 49.3, 0.0);	(365327.8, 3765414.0, 49.1, 49.1, 0.0);
(365347.8, 3765414.0, 48.9, 48.9, 0.0);	(365367.8, 3765414.0, 49.0, 49.0, 0.0);
(365387.8, 3765414.0, 50.2, 50.2, 0.0);	(364647.8, 3765434.0, 51.1, 51.1, 0.0);
(364667.8, 3765434.0, 51.9, 51.9, 0.0);	(364687.8, 3765434.0, 52.1, 52.1, 0.0);
(364707.8, 3765434.0, 51.8, 51.8, 0.0);	(364767.8, 3765434.0, 50.6, 50.6, 0.0);
(364787.8, 3765434.0, 50.4, 50.4, 0.0);	(364807.8, 3765434.0, 50.2, 50.2, 0.0);
(364827.8, 3765434.0, 49.9, 49.9, 0.0);	(364847.8, 3765434.0, 49.3, 49.3, 0.0);
(364867.8, 3765434.0, 49.0, 49.0, 0.0);	(364887.8, 3765434.0, 49.0, 49.0, 0.0);
(364907.8, 3765434.0, 49.0, 49.0, 0.0);	(364927.8, 3765434.0, 48.9, 48.9, 0.0);
(364947.8, 3765434.0, 49.1, 49.1, 0.0);	(364967.8, 3765434.0, 49.5, 49.5, 0.0);
(364987.8, 3765434.0, 50.0, 50.0, 0.0);	(365027.8, 3765434.0, 50.7, 50.7, 0.0);
(365047.8, 3765434.0, 51.1, 51.1, 0.0);	(365067.8, 3765434.0, 51.4, 51.4, 0.0);
(365087.8, 3765434.0, 51.5, 51.5, 0.0);	(365107.8, 3765434.0, 51.8, 51.8, 0.0);
(365127.8, 3765434.0, 51.7, 51.7, 0.0);	(365167.8, 3765434.0, 51.7, 51.7, 0.0);
(365187.8, 3765434.0, 51.3, 51.3, 0.0);	(365207.8, 3765434.0, 50.6, 50.6, 0.0);
(365227.8, 3765434.0, 50.0, 50.0, 0.0);	(365287.8, 3765434.0, 48.9, 48.9, 0.0);
(365307.8, 3765434.0, 49.1, 49.1, 0.0);	(365327.8, 3765434.0, 49.1, 49.1, 0.0);
(365347.8, 3765434.0, 49.2, 49.2, 0.0);	(365367.8, 3765434.0, 49.9, 49.9, 0.0);
(364687.8, 3765454.0, 52.0, 52.0, 0.0);	(364707.8, 3765454.0, 51.6, 51.6, 0.0);
(364747.8, 3765454.0, 50.9, 50.9, 0.0);	(364767.8, 3765454.0, 50.5, 50.5, 0.0);
(364787.8, 3765454.0, 50.2, 50.2, 0.0);	(364807.8, 3765454.0, 49.9, 49.9, 0.0);
(364827.8, 3765454.0, 49.7, 49.7, 0.0);	(364847.8, 3765454.0, 49.2, 49.2, 0.0);
(364867.8, 3765454.0, 49.2, 49.2, 0.0);	(364887.8, 3765454.0, 49.3, 49.3, 0.0);
(364907.8, 3765454.0, 49.3, 49.3, 0.0);	(364927.8, 3765454.0, 49.3, 49.3, 0.0);
(364947.8, 3765454.0, 49.8, 49.8, 0.0);	(364967.8, 3765454.0, 50.3, 50.3, 0.0);
(365007.8, 3765454.0, 50.9, 50.9, 0.0);	(365027.8, 3765454.0, 51.4, 51.4, 0.0);
(365047.8, 3765454.0, 51.7, 51.7, 0.0);	(365067.8, 3765454.0, 51.8, 51.8, 0.0);
(365087.8, 3765454.0, 51.8, 51.8, 0.0);	(365107.8, 3765454.0, 51.8, 51.8, 0.0);
(365147.8, 3765454.0, 51.7, 51.7, 0.0);	(365167.8, 3765454.0, 51.8, 51.8, 0.0);
(365187.8, 3765454.0, 51.2, 51.2, 0.0);	(365207.8, 3765454.0, 50.8, 50.8, 0.0);
(365227.8, 3765454.0, 50.2, 50.2, 0.0);	(365247.8, 3765454.0, 49.5, 49.5, 0.0);
(365327.8, 3765454.0, 49.1, 49.1, 0.0);	(365347.8, 3765454.0, 49.2, 49.2, 0.0);
(365367.8, 3765454.0, 49.3, 49.3, 0.0);	(364747.8, 3765474.0, 50.8, 50.8, 0.0);
(364767.8, 3765474.0, 50.4, 50.4, 0.0);	(364787.8, 3765474.0, 50.1, 50.1, 0.0);
(364807.8, 3765474.0, 49.9, 49.9, 0.0);	(364827.8, 3765474.0, 49.6, 49.6, 0.0);
(364847.8, 3765474.0, 49.6, 49.6, 0.0);	(364867.8, 3765474.0, 49.6, 49.6, 0.0);
(364887.8, 3765474.0, 49.7, 49.7, 0.0);	(364907.8, 3765474.0, 49.7, 49.7, 0.0);
(364927.8, 3765474.0, 50.1, 50.1, 0.0);	(364947.8, 3765474.0, 50.8, 50.8, 0.0);
(365007.8, 3765474.0, 52.1, 52.1, 0.0);	(365027.8, 3765474.0, 52.1, 52.1, 0.0);
(365047.8, 3765474.0, 52.2, 52.2, 0.0);	(365067.8, 3765474.0, 52.2, 52.2, 0.0);

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/12/23
*** 21:59:03

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

(365087.8, 3765474.0,	52.1,	52.1,	0.0);	(365127.8, 3765474.0,	51.6,	51.6,	0.0);
(365147.8, 3765474.0,	51.8,	51.8,	0.0);	(365167.8, 3765474.0,	51.8,	51.8,	0.0);
(365187.8, 3765474.0,	50.9,	50.9,	0.0);	(365207.8, 3765474.0,	50.8,	50.8,	0.0);
(365227.8, 3765474.0,	50.2,	50.2,	0.0);	(365247.8, 3765474.0,	49.6,	49.6,	0.0);
(365267.8, 3765474.0,	49.2,	49.2,	0.0);	(365287.8, 3765474.0,	49.4,	49.4,	0.0);
(364747.8, 3765494.0,	50.8,	50.8,	0.0);	(364767.8, 3765494.0,	50.4,	50.4,	0.0);
(364787.8, 3765494.0,	50.2,	50.2,	0.0);	(364807.8, 3765494.0,	49.9,	49.9,	0.0);
(364827.8, 3765494.0,	49.7,	49.7,	0.0);	(364847.8, 3765494.0,	49.9,	49.9,	0.0);
(364867.8, 3765494.0,	50.0,	50.0,	0.0);	(364887.8, 3765494.0,	50.2,	50.2,	0.0);
(364907.8, 3765494.0,	50.5,	50.5,	0.0);	(364927.8, 3765494.0,	51.2,	51.2,	0.0);
(364947.8, 3765494.0,	51.5,	51.5,	0.0);	(364987.8, 3765494.0,	52.4,	52.4,	0.0);
(365007.8, 3765494.0,	52.7,	52.7,	0.0);	(365027.8, 3765494.0,	52.6,	52.6,	0.0);
(365047.8, 3765494.0,	52.4,	52.4,	0.0);	(365067.8, 3765494.0,	52.2,	52.2,	0.0);
(365087.8, 3765494.0,	51.9,	51.9,	0.0);	(365127.8, 3765494.0,	51.7,	51.7,	0.0);
(365147.8, 3765494.0,	51.6,	51.6,	0.0);	(365167.8, 3765494.0,	51.4,	51.4,	0.0);
(365187.8, 3765494.0,	51.0,	51.0,	0.0);	(365207.8, 3765494.0,	50.8,	50.8,	0.0);
(365227.8, 3765494.0,	50.2,	50.2,	0.0);	(365247.8, 3765494.0,	49.8,	49.8,	0.0);
(365267.8, 3765494.0,	49.8,	49.8,	0.0);	(365287.8, 3765494.0,	49.7,	49.7,	0.0);
(365307.8, 3765494.0,	49.7,	49.7,	0.0);	(365327.8, 3765494.0,	49.8,	49.8,	0.0);
(364787.8, 3765514.0,	50.4,	50.4,	0.0);	(364807.8, 3765514.0,	50.1,	50.1,	0.0);
(364847.8, 3765514.0,	50.2,	50.2,	0.0);	(364867.8, 3765514.0,	50.4,	50.4,	0.0);
(364887.8, 3765514.0,	50.7,	50.7,	0.0);	(364907.8, 3765514.0,	51.4,	51.4,	0.0);
(364927.8, 3765514.0,	52.1,	52.1,	0.0);	(364967.8, 3765514.0,	52.7,	52.7,	0.0);
(364987.8, 3765514.0,	53.3,	53.3,	0.0);	(365007.8, 3765514.0,	53.2,	53.2,	0.0);
(365027.8, 3765514.0,	52.9,	52.9,	0.0);	(365047.8, 3765514.0,	52.5,	52.5,	0.0);
(365067.8, 3765514.0,	52.2,	52.2,	0.0);	(365107.8, 3765514.0,	51.8,	51.8,	0.0);
(365127.8, 3765514.0,	51.6,	51.6,	0.0);	(365147.8, 3765514.0,	51.4,	51.4,	0.0);
(365167.8, 3765514.0,	51.2,	51.2,	0.0);	(365187.8, 3765514.0,	51.0,	51.0,	0.0);
(365207.8, 3765514.0,	50.6,	50.6,	0.0);	(365227.8, 3765514.0,	50.3,	50.3,	0.0);
(365247.8, 3765514.0,	50.2,	50.2,	0.0);	(365267.8, 3765514.0,	50.3,	50.3,	0.0);
(365287.8, 3765514.0,	50.2,	50.2,	0.0);	(365307.8, 3765514.0,	50.1,	50.1,	0.0);
(365327.8, 3765514.0,	50.1,	50.1,	0.0);	(364867.8, 3765534.0,	51.0,	51.0,	0.0);
(364887.8, 3765534.0,	51.5,	51.5,	0.0);	(364907.8, 3765534.0,	52.1,	52.1,	0.0);
(364967.8, 3765534.0,	53.7,	53.7,	0.0);	(364987.8, 3765534.0,	53.8,	53.8,	0.0);
(365007.8, 3765534.0,	53.4,	53.4,	0.0);	(365027.8, 3765534.0,	53.1,	53.1,	0.0);
(365047.8, 3765534.0,	52.6,	52.6,	0.0);	(365087.8, 3765534.0,	51.9,	51.9,	0.0);
(365107.8, 3765534.0,	51.8,	51.8,	0.0);	(365127.8, 3765534.0,	51.5,	51.5,	0.0);
(365147.8, 3765534.0,	51.2,	51.2,	0.0);	(365167.8, 3765534.0,	50.9,	50.9,	0.0);
(365187.8, 3765534.0,	50.9,	50.9,	0.0);	(365207.8, 3765534.0,	50.4,	50.4,	0.0);
(365227.8, 3765534.0,	50.5,	50.5,	0.0);	(365247.8, 3765534.0,	50.9,	50.9,	0.0);
(365267.8, 3765534.0,	50.9,	50.9,	0.0);	(365287.8, 3765534.0,	50.7,	50.7,	0.0);
(365307.8, 3765534.0,	50.6,	50.6,	0.0);	(364947.8, 3765554.0,	53.4,	53.4,	0.0);
(364967.8, 3765554.0,	53.9,	53.9,	0.0);	(364987.8, 3765554.0,	53.8,	53.8,	0.0);
(365007.8, 3765554.0,	53.5,	53.5,	0.0);	(365027.8, 3765554.0,	53.0,	53.0,	0.0);
(365047.8, 3765554.0,	52.5,	52.5,	0.0);	(365087.8, 3765554.0,	52.0,	52.0,	0.0);

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***
 *** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/12/23
 *** 21:59:03

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

(365107.8, 3765554.0, 51.7, 51.7, 0.0);	(365127.8, 3765554.0, 51.4, 51.4, 0.0);
(365147.8, 3765554.0, 51.1, 51.1, 0.0);	(365167.8, 3765554.0, 50.9, 50.9, 0.0);
(365187.8, 3765554.0, 50.7, 50.7, 0.0);	(365207.8, 3765554.0, 50.7, 50.7, 0.0);
(365227.8, 3765554.0, 50.9, 50.9, 0.0);	(365247.8, 3765554.0, 51.0, 51.0, 0.0);
(365267.8, 3765554.0, 50.8, 50.8, 0.0);	(365287.8, 3765554.0, 50.6, 50.6, 0.0);
(364927.8, 3765574.0, 53.0, 53.0, 0.0);	(364947.8, 3765574.0, 53.6, 53.6, 0.0);
(364967.8, 3765574.0, 53.8, 53.8, 0.0);	(364987.8, 3765574.0, 53.8, 53.8, 0.0);
(365007.8, 3765574.0, 53.4, 53.4, 0.0);	(365027.8, 3765574.0, 52.8, 52.8, 0.0);
(365067.8, 3765574.0, 52.1, 52.1, 0.0);	(365087.8, 3765574.0, 52.0, 52.0, 0.0);
(365107.8, 3765574.0, 51.7, 51.7, 0.0);	(365127.8, 3765574.0, 51.4, 51.4, 0.0);
(365147.8, 3765574.0, 51.2, 51.2, 0.0);	(365167.8, 3765574.0, 51.0, 51.0, 0.0);
(365187.8, 3765574.0, 50.7, 50.7, 0.0);	(365207.8, 3765574.0, 51.0, 51.0, 0.0);
(365227.8, 3765574.0, 51.2, 51.2, 0.0);	(365247.8, 3765574.0, 51.2, 51.2, 0.0);
(365267.8, 3765574.0, 51.2, 51.2, 0.0);	(365287.8, 3765574.0, 51.1, 51.1, 0.0);
(364927.8, 3765594.0, 53.1, 53.1, 0.0);	(364947.8, 3765594.0, 53.5, 53.5, 0.0);
(364967.8, 3765594.0, 53.7, 53.7, 0.0);	(364987.8, 3765594.0, 53.7, 53.7, 0.0);
(365007.8, 3765594.0, 53.3, 53.3, 0.0);	(365047.8, 3765594.0, 52.3, 52.3, 0.0);
(365067.8, 3765594.0, 52.2, 52.2, 0.0);	(365087.8, 3765594.0, 52.1, 52.1, 0.0);
(365107.8, 3765594.0, 51.6, 51.6, 0.0);	(365127.8, 3765594.0, 51.4, 51.4, 0.0);
(365147.8, 3765594.0, 51.2, 51.2, 0.0);	(365167.8, 3765594.0, 51.0, 51.0, 0.0);
(365187.8, 3765594.0, 51.0, 51.0, 0.0);	(365207.8, 3765594.0, 51.1, 51.1, 0.0);
(365227.8, 3765594.0, 51.3, 51.3, 0.0);	(365247.8, 3765594.0, 51.5, 51.5, 0.0);
(365267.8, 3765594.0, 52.0, 52.0, 0.0);	(364947.8, 3765614.0, 53.0, 53.0, 0.0);
(364967.8, 3765614.0, 53.2, 53.2, 0.0);	(364987.8, 3765614.0, 53.5, 53.5, 0.0);
(365007.8, 3765614.0, 52.9, 52.9, 0.0);	(365047.8, 3765614.0, 52.5, 52.5, 0.0);
(365067.8, 3765614.0, 52.4, 52.4, 0.0);	(365087.8, 3765614.0, 52.1, 52.1, 0.0);
(365107.8, 3765614.0, 51.7, 51.7, 0.0);	(365127.8, 3765614.0, 51.6, 51.6, 0.0);
(365147.8, 3765614.0, 51.4, 51.4, 0.0);	(365167.8, 3765614.0, 51.3, 51.3, 0.0);
(365187.8, 3765614.0, 51.3, 51.3, 0.0);	(365207.8, 3765614.0, 51.4, 51.4, 0.0);
(365227.8, 3765614.0, 51.5, 51.5, 0.0);	(365247.8, 3765614.0, 51.8, 51.8, 0.0);
(364987.8, 3765634.0, 53.1, 53.1, 0.0);	(365027.8, 3765634.0, 52.8, 52.8, 0.0);
(365047.8, 3765634.0, 52.8, 52.8, 0.0);	(365067.8, 3765634.0, 52.5, 52.5, 0.0);
(365087.8, 3765634.0, 52.2, 52.2, 0.0);	(365107.8, 3765634.0, 51.8, 51.8, 0.0);
(365127.8, 3765634.0, 51.7, 51.7, 0.0);	(365147.8, 3765634.0, 51.6, 51.6, 0.0);
(365167.8, 3765634.0, 51.6, 51.6, 0.0);	(365187.8, 3765634.0, 51.6, 51.6, 0.0);
(365207.8, 3765634.0, 51.7, 51.7, 0.0);	(365227.8, 3765634.0, 51.8, 51.8, 0.0);
(365247.8, 3765634.0, 52.0, 52.0, 0.0);	(365007.8, 3765654.0, 52.5, 52.5, 0.0);
(365027.8, 3765654.0, 53.0, 53.0, 0.0);	(365047.8, 3765654.0, 53.0, 53.0, 0.0);
(365067.8, 3765654.0, 52.7, 52.7, 0.0);	(365087.8, 3765654.0, 52.5, 52.5, 0.0);
(365107.8, 3765654.0, 52.1, 52.1, 0.0);	(365127.8, 3765654.0, 51.8, 51.8, 0.0);
(365147.8, 3765654.0, 51.7, 51.7, 0.0);	(365167.8, 3765654.0, 51.9, 51.9, 0.0);
(365187.8, 3765654.0, 51.9, 51.9, 0.0);	(365207.8, 3765654.0, 52.0, 52.0, 0.0);
(365227.8, 3765654.0, 52.1, 52.1, 0.0);	(365181.1, 3765002.4, 45.2, 45.2, 0.0);
(365199.6, 3765013.0, 45.3, 45.3, 0.0);	(365213.7, 3765024.7, 45.2, 45.2, 0.0);
(365230.9, 3765035.8, 45.0, 45.0, 0.0);	(365251.4, 3765048.1, 45.0, 45.0, 0.0);

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/12/23
*** 21:59:03

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

(365188.5, 3764992.6,	45.0,	45.0,	0.0);	(365206.3, 3765003.0,	45.2,	45.2,	0.0);
(365220.5, 3765010.2,	45.2,	45.2,	0.0);	(365232.8, 3765019.0,	45.1,	45.1,	0.0);
(365245.6, 3765028.2,	45.1,	45.1,	0.0);	(365255.9, 3765037.4,	45.1,	45.1,	0.0);
(365199.1, 3764978.5,	45.0,	45.0,	0.0);	(365216.9, 3764987.7,	45.0,	45.0,	0.0);
(365233.1, 3764999.6,	45.0,	45.0,	0.0);	(365246.0, 3765007.5,	45.1,	45.1,	0.0);
(365262.7, 3765019.5,	45.1,	45.1,	0.0);	(365098.5, 3765213.7,	46.6,	46.6,	0.0);
(364952.4, 3765239.6,	47.7,	47.7,	0.0);	(364969.8, 3765251.2,	47.5,	47.5,	0.0);
(364984.9, 3765261.2,	47.5,	47.5,	0.0);	(364963.0, 3765227.0,	47.9,	47.9,	0.0);
(364981.8, 3765239.3,	47.8,	47.8,	0.0);	(364996.9, 3765249.9,	47.7,	47.7,	0.0);
(364971.2, 3765213.3,	48.0,	48.0,	0.0);	(364978.1, 3765202.0,	47.9,	47.9,	0.0);
(365019.5, 3765265.3,	47.6,	47.6,	0.0);	(365038.3, 3765267.3,	47.6,	47.6,	0.0);
(365051.6, 3765249.5,	47.6,	47.6,	0.0);	(365028.0, 3765224.2,	47.8,	47.8,	0.0);
(365013.3, 3765211.9,	47.8,	47.8,	0.0);	(364996.2, 3765199.9,	47.9,	47.9,	0.0);
(364988.3, 3765220.8,	47.9,	47.9,	0.0);	(365008.9, 3765232.4,	47.8,	47.8,	0.0);
(365011.9, 3765281.7,	47.2,	47.2,	0.0);	(365032.1, 3765287.2,	47.6,	47.6,	0.0);
(364936.7, 3765244.1,	47.5,	47.5,	0.0);	(364948.0, 3765226.6,	47.9,	47.9,	0.0);
(364958.9, 3765209.2,	48.0,	48.0,	0.0);	(364971.6, 3765189.7,	47.9,	47.9,	0.0);
(365039.0, 3765238.2,	47.8,	47.8,	0.0);	(365047.5, 3765216.0,	47.6,	47.6,	0.0);
(365062.9, 3765227.0,	47.3,	47.3,	0.0);	(365058.6, 3765199.4,	47.3,	47.3,	0.0);
(365075.7, 3765210.7,	46.9,	46.9,	0.0);	(365068.4, 3765185.9,	47.1,	47.1,	0.0);
(365083.8, 3765197.9,	46.9,	46.9,	0.0);	(365074.9, 3765175.3,	46.9,	46.9,	0.0);
(365094.0, 3765187.6,	46.6,	46.6,	0.0);	(365098.7, 3765179.9,	46.6,	46.6,	0.0);
(365105.1, 3765172.2,	46.6,	46.6,	0.0);	(365111.7, 3765161.7,	46.5,	46.5,	0.0);

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 2) Construction HRA
 *** AERMET - VERSION 16216 *** *** Santa Monica

*** 02/12/23
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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 --		DISTANCE (METERS)
	XR (METERS)	YR (METERS)	
L0000012	364747.8	3765154.0	0.91
L0000019	364807.8	3765194.0	0.08
L0000042	365007.8	3765314.0	0.33
L0000061	365187.8	3765414.0	0.23
L0000065	365227.8	3765434.0	0.48
L0000066	365227.8	3765434.0	-1.34

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 2) Construction HRA
 *** Santa Monica

*** 02/12/23
 *** 21:59:03
 *** PAGE 104

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: metdata-53 m\KSMO_v9.SFC
 Profile file: metdata-53 m\KSMO_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93197
 Name: UNKNOWN
 Year: 2012

Upper air station no.: 3190
 Name: UNKNOWN
 Year: 2012

Met Version: 16216

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	-6.6	0.113	-9.000	-9.000	-999.	91.	19.8	0.17	2.20	1.00	1.26	131.	10.1	283.1	2.0			
12	01	01	1	02	-7.6	0.121	-9.000	-9.000	-999.	101.	21.3	0.17	2.20	1.00	1.35	232.	10.1	282.0	2.0			
12	01	01	1	03	-3.3	0.082	-9.000	-9.000	-999.	57.	15.3	0.17	2.20	1.00	0.86	46.	10.1	280.9	2.0			
12	01	01	1	04	-5.4	0.102	-9.000	-9.000	-999.	79.	17.9	0.17	2.20	1.00	1.14	82.	10.1	281.4	2.0			
12	01	01	1	05	-6.6	0.113	-9.000	-9.000	-999.	91.	19.8	0.17	2.20	1.00	1.26	205.	10.1	281.4	2.0			
12	01	01	1	06	-7.4	0.119	-9.000	-9.000	-999.	99.	20.9	0.17	2.20	1.00	1.33	254.	10.1	280.9	2.0			
12	01	01	1	07	-4.6	0.094	-9.000	-9.000	-999.	70.	16.6	0.17	2.20	1.00	1.04	39.	10.1	279.2	2.0			
12	01	01	1	08	-16.0	0.197	-9.000	-9.000	-999.	209.	43.0	0.17	2.20	0.54	2.10	63.	10.1	282.0	2.0			
12	01	01	1	09	36.8	0.255	0.339	0.005	38.	309.	-40.8	0.17	2.20	0.31	2.27	33.	10.1	292.0	2.0			
12	01	01	1	10	102.6	0.234	0.691	0.006	117.	271.	-11.3	0.17	2.20	0.23	1.79	204.	10.1	289.2	2.0			
12	01	01	1	11	154.6	0.178	1.118	0.005	327.	181.	-3.3	0.17	2.20	0.20	1.11	119.	10.1	296.4	2.0			
12	01	01	1	12	182.0	0.295	1.459	0.005	618.	385.	-12.8	0.17	2.20	0.19	2.30	76.	10.1	300.9	2.0			
12	01	01	1	13	175.0	0.355	1.686	0.005	991.	507.	-23.0	0.17	2.20	0.19	2.98	179.	10.1	293.8	2.0			
12	01	01	1	14	148.1	0.374	1.737	0.005	1282.	549.	-31.9	0.17	2.20	0.20	3.25	211.	10.1	292.0	2.0			
12	01	01	1	15	98.0	0.291	1.572	0.005	1436.	380.	-22.7	0.17	2.20	0.23	2.44	231.	10.1	290.9	2.0			
12	01	01	1	16	28.2	0.303	1.044	0.005	1460.	400.	-89.0	0.17	2.20	0.32	2.85	217.	10.1	289.2	2.0			
12	01	01	1	17	-22.4	0.259	-9.000	-9.000	-999.	317.	73.7	0.17	2.20	0.58	2.73	226.	10.1	287.0	2.0			
12	01	01	1	18	-8.7	0.131	-9.000	-9.000	-999.	124.	23.3	0.17	2.20	1.00	1.45	230.	10.1	286.4	2.0			
12	01	01	1	19	-13.2	0.163	-9.000	-9.000	-999.	157.	29.4	0.17	2.20	1.00	1.77	225.	10.1	285.9	2.0			
12	01	01	1	20	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	2.20	1.00	1.18	182.	10.1	284.9	2.0			
12	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	2.20	1.00	0.00	0.	10.1	284.2	2.0			
12	01	01	1	22	-7.3	0.119	-9.000	-9.000	-999.	99.	21.1	0.17	2.20	1.00	1.33	202.	10.1	285.4	2.0			
12	01	01	1	23	-6.0	0.108	-9.000	-9.000	-999.	86.	19.1	0.17	2.20	1.00	1.21	251.	10.1	284.9	2.0			
12	01	01	1	24	-5.4	0.102	-9.000	-9.000	-999.	78.	18.0	0.17	2.20	1.00	1.14	224.	10.1	284.2	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	131.	1.26	283.2	99.0	-99.00	-99.00	

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364887.77	3764713.98	0.10262	364907.77	3764713.98	0.10105
364927.77	3764713.98	0.09930	364947.77	3764713.98	0.09741
364967.77	3764713.98	0.09560	364987.77	3764713.98	0.09369
365007.77	3764713.98	0.09172	365027.77	3764713.98	0.08972
365067.77	3764713.98	0.08563	365087.77	3764713.98	0.08354
365107.77	3764713.98	0.08146	365127.77	3764713.98	0.07940
365147.77	3764713.98	0.07727	365167.77	3764713.98	0.07521
365187.77	3764713.98	0.07318	365207.77	3764713.98	0.07120
365287.77	3764713.98	0.06349	365307.77	3764713.98	0.06163
365327.77	3764713.98	0.05980	365347.77	3764713.98	0.05801
364907.77	3764733.98	0.10865	364927.77	3764733.98	0.10666
364947.77	3764733.98	0.10446	364967.77	3764733.98	0.10248
364987.77	3764733.98	0.10025	365007.77	3764733.98	0.09798
365027.77	3764733.98	0.09574	365047.77	3764733.98	0.09350
365107.77	3764733.98	0.08646	365127.77	3764733.98	0.08419
365147.77	3764733.98	0.08184	365167.77	3764733.98	0.07953
365187.77	3764733.98	0.07728	365207.77	3764733.98	0.07509
365227.77	3764733.98	0.07296	365247.77	3764733.98	0.07084
365327.77	3764733.98	0.06263	365347.77	3764733.98	0.06068
365367.77	3764733.98	0.05875	364887.77	3764753.98	0.11921
364947.77	3764753.98	0.11244	364967.77	3764753.98	0.11007
364987.77	3764753.98	0.10755	365007.77	3764753.98	0.10498
365027.77	3764753.98	0.10240	365067.77	3764753.98	0.09718
365087.77	3764753.98	0.09456	365127.77	3764753.98	0.08934
365147.77	3764753.98	0.08677	365167.77	3764753.98	0.08424
365187.77	3764753.98	0.08177	365207.77	3764753.98	0.07934
365227.77	3764753.98	0.07697	365247.77	3764753.98	0.07465
365267.77	3764753.98	0.07234	365347.77	3764753.98	0.06354
365367.77	3764753.98	0.06145	365387.77	3764753.98	0.05938
365407.77	3764753.98	0.05736	364827.77	3764773.98	0.13543
364847.77	3764773.98	0.13355	364867.77	3764773.98	0.13136
364887.77	3764773.98	0.12907	364907.77	3764773.98	0.12661
364967.77	3764773.98	0.11848	364987.77	3764773.98	0.11561
365007.77	3764773.98	0.11269	365027.77	3764773.98	0.10973

365067.77	3764773.98	0.10382	365087.77	3764773.98	0.10089
365107.77	3764773.98	0.09795	365167.77	3764773.98	0.08936
365187.77	3764773.98	0.08662	365207.77	3764773.98	0.08394
365227.77	3764773.98	0.08132	365247.77	3764773.98	0.07877
365267.77	3764773.98	0.07624	365287.77	3764773.98	0.07375
365307.77	3764773.98	0.07131	365387.77	3764773.98	0.06208

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 2) Construction HRA
*** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365407.77	3764773.98	0.05989	365427.77	3764773.98	0.05775
364807.77	3764793.98	0.14993	364827.77	3764793.98	0.14796
364847.77	3764793.98	0.14557	364867.77	3764793.98	0.14297
364887.77	3764793.98	0.14018	364947.77	3764793.98	0.13111
365007.77	3764793.98	0.12117	365027.77	3764793.98	0.11780
365067.77	3764793.98	0.11109	365087.77	3764793.98	0.10781
365107.77	3764793.98	0.10455	365127.77	3764793.98	0.10132
365147.77	3764793.98	0.09810	365187.77	3764793.98	0.09188
365207.77	3764793.98	0.08893	365227.77	3764793.98	0.08605
365247.77	3764793.98	0.08323	365267.77	3764793.98	0.08044
365287.77	3764793.98	0.07772	365307.77	3764793.98	0.07506
365327.77	3764793.98	0.07244	365407.77	3764793.98	0.06259
365427.77	3764793.98	0.06028	365447.77	3764793.98	0.05805
365467.77	3764793.98	0.05590	364787.77	3764813.98	0.16692
364807.77	3764813.98	0.16492	364827.77	3764813.98	0.16237
364847.77	3764813.98	0.15939	364867.77	3764813.98	0.15627
364927.77	3764813.98	0.14584	364947.77	3764813.98	0.14215
364967.77	3764813.98	0.13835	365047.77	3764813.98	0.12292
365067.77	3764813.98	0.11915	365087.77	3764813.98	0.11544
365107.77	3764813.98	0.11176	365127.77	3764813.98	0.10813
365147.77	3764813.98	0.10457	365167.77	3764813.98	0.10105
365227.77	3764813.98	0.09112	365247.77	3764813.98	0.08803
365267.77	3764813.98	0.08497	365287.77	3764813.98	0.08197
365307.77	3764813.98	0.07904	365327.77	3764813.98	0.07618
365347.77	3764813.98	0.07339	365367.77	3764813.98	0.07068
365447.77	3764813.98	0.06058	365467.77	3764813.98	0.05826
364787.77	3764833.98	0.18510	364807.77	3764833.98	0.18239
364827.77	3764833.98	0.17907	364847.77	3764833.98	0.17538
364867.77	3764833.98	0.17158	364927.77	3764833.98	0.15901
364967.77	3764833.98	0.15019	364985.50	3764826.89	0.14206
365067.77	3764833.98	0.12807	365087.77	3764833.98	0.12386
365107.77	3764833.98	0.11971	365127.77	3764833.98	0.11562
365147.77	3764833.98	0.11165	365167.77	3764833.98	0.10775
365187.77	3764833.98	0.10394	365247.77	3764833.98	0.09323

365267.77	3764833.98	0.08986	365287.77	3764833.98	0.08656
365307.77	3764833.98	0.08334	365327.77	3764833.98	0.08020
365347.77	3764833.98	0.07714	365367.77	3764833.98	0.07419
365387.77	3764833.98	0.07133	364767.77	3764853.98	0.20930
364787.77	3764853.98	0.20655	364807.77	3764853.98	0.20292
364827.77	3764853.98	0.19870	364847.77	3764853.98	0.19414

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 2) Construction HRA
 *** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364907.77	3764853.98	0.17932	364927.77	3764853.98	0.17411
364947.77	3764853.98	0.16882	364985.50	3764846.89	0.15420
365027.77	3764853.98	0.14790	365087.77	3764853.98	0.13315
365107.77	3764853.98	0.12847	365167.77	3764853.98	0.11507
365187.77	3764853.98	0.11084	365207.77	3764853.98	0.10674
365227.77	3764853.98	0.10278	365287.77	3764853.98	0.09151
365307.77	3764853.98	0.08799	365327.77	3764853.98	0.08453
365347.77	3764853.98	0.08118	365367.77	3764853.98	0.07795
365387.77	3764853.98	0.07484	365407.77	3764853.98	0.07184
365427.77	3764853.98	0.06894	364747.77	3764873.98	0.23874
364767.77	3764873.98	0.23605	364787.77	3764873.98	0.23221
364807.77	3764873.98	0.22740	364827.77	3764873.98	0.22195
364887.77	3764873.98	0.20399	364907.77	3764873.98	0.19771
364947.77	3764873.98	0.18495	364967.77	3764873.98	0.17865
365011.78	3764867.71	0.16084	365060.28	3764876.06	0.15234
365167.77	3764873.98	0.12312	365187.77	3764873.98	0.11837
365207.77	3764873.98	0.11378	365227.77	3764873.98	0.10938
365247.77	3764873.98	0.10509	365307.77	3764873.98	0.09300
365327.77	3764873.98	0.08922	365347.77	3764873.98	0.08556
365367.77	3764873.98	0.08204	365387.77	3764873.98	0.07864
365407.77	3764873.98	0.07536	365427.77	3764873.98	0.07220
364747.77	3764893.98	0.27290	364767.77	3764893.98	0.26844
364787.77	3764893.98	0.26327	364807.77	3764893.98	0.25688
364827.77	3764893.98	0.24969	364887.77	3764893.98	0.22682
364907.77	3764893.98	0.21897	364927.77	3764893.98	0.21115
364947.77	3764893.98	0.20339	365007.77	3764893.98	0.18144
365025.51	3764901.47	0.18101	365047.77	3764893.98	0.16784
365067.77	3764893.98	0.16137	365087.77	3764893.98	0.15508
365147.77	3764893.98	0.13748	365167.77	3764893.98	0.13200
365187.77	3764893.98	0.12669	365207.77	3764893.98	0.12154
365227.77	3764893.98	0.11663	365247.77	3764893.98	0.11186
365267.77	3764893.98	0.10725	365347.77	3764893.98	0.09032
365367.77	3764893.98	0.08646	365387.77	3764893.98	0.08275
365407.77	3764893.98	0.07916	364727.77	3764913.98	0.31955

364747.77	3764913.98	0.31551	364767.77	3764913.98	0.30904
364787.77	3764913.98	0.30147	364807.77	3764913.98	0.29261
364867.77	3764913.98	0.26349	364887.77	3764913.98	0.25353
364907.77	3764913.98	0.24366	364927.77	3764913.98	0.23398
364987.77	3764913.98	0.20683	365007.77	3764913.98	0.19846
365027.77	3764913.98	0.19035	365047.77	3764913.98	0.18268

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 2) Construction HRA   ***   02/12/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   21:59:03
*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*   ***   PAGE 108

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
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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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365121.31	3764918.09	0.15919	365187.77	3764913.98	0.13591
365207.77	3764913.98	0.13018	365227.77	3764913.98	0.12462
365247.77	3764913.98	0.11925	365267.77	3764913.98	0.11414
365287.77	3764913.98	0.10922	365307.77	3764913.98	0.10443
365367.77	3764913.98	0.09126	365387.77	3764913.98	0.08720
364727.77	3764933.98	0.37714	364747.77	3764933.98	0.37000
364767.77	3764933.98	0.36034	364787.77	3764933.98	0.34912
364847.77	3764933.98	0.31084	364867.77	3764933.98	0.29782
364887.77	3764933.98	0.28501	364907.77	3764933.98	0.27256
364987.77	3764933.98	0.22779	365007.77	3764933.98	0.21790
365027.77	3764933.98	0.20850	365047.77	3764933.98	0.19957
365107.77	3764933.98	0.17487	365127.77	3764933.98	0.16727
365147.77	3764933.98	0.15993	365207.77	3764933.98	0.13972
365227.77	3764933.98	0.13351	365247.77	3764933.98	0.12753
365267.77	3764933.98	0.12182	365287.77	3764933.98	0.11633
365307.77	3764933.98	0.11100	365327.77	3764933.98	0.10599
364707.77	3764953.98	0.46069	364727.77	3764953.98	0.45382
364747.77	3764953.98	0.44137	364767.77	3764953.98	0.42650
364787.77	3764953.98	0.40956	364847.77	3764953.98	0.35635
364867.77	3764953.98	0.33903	364887.77	3764953.98	0.32246
364907.77	3764953.98	0.30667	364967.77	3764953.98	0.26445
364987.77	3764953.98	0.25195	365027.77	3764953.98	0.22935
365087.77	3764953.98	0.19940	365107.77	3764953.98	0.19035
365127.77	3764953.98	0.18166	365147.77	3764953.98	0.17330
365167.77	3764953.98	0.16530	365247.77	3764953.98	0.13674
365267.77	3764953.98	0.13035	365287.77	3764953.98	0.12422
365307.77	3764953.98	0.11829	365327.77	3764953.98	0.11271
365347.77	3764953.98	0.10736	365367.77	3764953.98	0.10223
364687.77	3764973.98	0.57716	364707.77	3764973.98	0.57402
364727.77	3764973.98	0.55955	364747.77	3764973.98	0.53831
364767.77	3764973.98	0.51381	364827.77	3764973.98	0.43623
364847.77	3764973.98	0.41208	364867.77	3764973.98	0.38909
364887.77	3764973.98	0.36751	364907.77	3764973.98	0.34734
364947.77	3764973.98	0.31119	364967.77	3764973.98	0.29509

365007.77	3764973.98	0.26638	365027.77	3764973.98	0.25342
365067.77	3764973.98	0.22945	365087.77	3764973.98	0.21843
365107.77	3764973.98	0.20795	365127.77	3764973.98	0.19799
365147.77	3764973.98	0.18835	365167.77	3764973.98	0.17920
365267.77	3764973.98	0.13985	365287.77	3764973.98	0.13304
365307.77	3764973.98	0.12645	365327.77	3764973.98	0.12017

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 2) Construction HRA
 *** Santa Monica

*** 02/12/23
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 *** PAGE 109

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365347.77	3764973.98	0.11420	364667.77	3764993.98	0.74247
364687.77	3764993.98	0.75620	364707.77	3764993.98	0.74197
364727.77	3764993.98	0.71132	364747.77	3764993.98	0.67301
364807.77	3764993.98	0.55150	364827.77	3764993.98	0.51513
364847.77	3764993.98	0.48161	364867.77	3764993.98	0.45073
364887.77	3764993.98	0.42238	364927.77	3764993.98	0.37276
364947.77	3764993.98	0.35116	364987.77	3764993.98	0.31354
365007.77	3764993.98	0.29697	365067.77	3764993.98	0.25322
365087.77	3764993.98	0.24033	365107.77	3764993.98	0.22812
365127.77	3764993.98	0.21656	365147.77	3764993.98	0.20547
365307.77	3764993.98	0.13547	365327.77	3764993.98	0.12848
365347.77	3764993.98	0.12184	364667.77	3765013.98	1.04614
364687.77	3765013.98	1.05229	364707.77	3765013.98	1.00775
364727.77	3765013.98	0.94031	364787.77	3765013.98	0.72928
364807.77	3765013.98	0.67004	364827.77	3765013.98	0.61711
364847.77	3765013.98	0.57007	364867.77	3765013.98	0.52802
364927.77	3765013.98	0.42663	364947.77	3765013.98	0.39956
364987.77	3765013.98	0.35340	365007.77	3765013.98	0.33325
365047.77	3765013.98	0.29713	365067.77	3765013.98	0.28097
365089.22	3765022.25	0.27635	365107.77	3765013.98	0.25143
365127.77	3765013.98	0.23793	365177.19	3765021.56	0.21504
365327.77	3765013.98	0.13774	364647.77	3765033.98	1.48519
364667.77	3765033.98	1.64808	364687.77	3765033.98	1.60134
364707.77	3765033.98	1.46035	364727.77	3765033.98	1.30315
364787.77	3765033.98	0.92349	364807.77	3765033.98	0.83158
364827.77	3765033.98	0.75315	364847.77	3765033.98	0.68587
364907.77	3765033.98	0.53265	364927.77	3765033.98	0.49371
364967.77	3765033.98	0.42931	364987.77	3765033.98	0.40185
365040.35	3765045.52	0.36543	365047.77	3765033.98	0.33299
365081.79	3765036.73	0.30551	365102.74	3765037.11	0.28756
365115.93	3765028.17	0.26396	365167.77	3765033.98	0.23408
364667.77	3765053.98	3.16293	364687.77	3765053.98	2.77602
364707.77	3765053.98	2.31092	364767.77	3765053.98	1.39480
364787.77	3765053.98	1.21060	364807.77	3765053.98	1.06317

364827.77	3765053.98	0.94268	364847.77	3765053.98	0.84310
364887.77	3765053.98	0.69011	364907.77	3765053.98	0.63069
364947.77	3765053.98	0.53518	364967.77	3765053.98	0.49634
365027.77	3765053.98	0.40203	365073.47	3765062.47	0.36483
365090.56	3765063.14	0.34636	365097.13	3765048.66	0.31175
365147.77	3765053.98	0.27467	365164.40	3765046.03	0.25080

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365207.77	3765053.98	0.22896	365227.77	3765053.98	0.21558
365287.77	3765053.98	0.18012	365307.77	3765053.98	0.16969
365327.77	3765053.98	0.15975	364607.77	3765073.98	1.36400
364627.77	3765073.98	2.50026	364687.77	3765073.98	5.93761
364747.77	3765073.98	2.48001	364767.77	3765073.98	2.00742
364787.77	3765073.98	1.66913	364807.77	3765073.98	1.41584
364827.77	3765073.98	1.22041	364867.77	3765073.98	0.94349
364887.77	3765073.98	0.84352	364907.77	3765073.98	0.76077
364927.77	3765073.98	0.69154	364947.77	3765073.98	0.63273
365007.77	3765073.98	0.49687	365021.75	3765063.62	0.43809
365082.65	3765075.82	0.38477	365146.54	3765067.22	0.29618
365135.74	3765077.46	0.32510	365207.77	3765073.98	0.25264
365227.77	3765073.98	0.23711	365267.77	3765073.98	0.20896
365287.77	3765073.98	0.19628	365307.77	3765073.98	0.18434
365327.77	3765073.98	0.17304	365347.77	3765073.98	0.16235
364607.77	3765093.98	1.41105	364627.77	3765093.98	2.53207
364647.77	3765093.98	5.82689	364727.77	3765093.98	6.04106
364747.77	3765093.98	4.22114	364767.77	3765093.98	3.14639
364787.77	3765093.98	2.45692	364807.77	3765093.98	1.98576
364867.77	3765093.98	1.20846	364887.77	3765093.98	1.05906
364927.77	3765093.98	0.84259	364947.77	3765093.98	0.76159
364991.25	3765100.94	0.66260	365007.77	3765093.98	0.58131
365130.02	3765090.09	0.35753	365123.92	3765104.35	0.40011
365192.80	3765102.56	0.30974	365207.77	3765093.98	0.28052
365267.77	3765093.98	0.22968	365287.77	3765093.98	0.21502
365307.77	3765093.98	0.20127	365327.77	3765093.98	0.18826
364587.77	3765113.98	0.89485	364607.77	3765113.98	1.29089
364627.77	3765113.98	2.03366	364647.77	3765113.98	3.51531
364667.77	3765113.98	6.80903	364747.77	3765113.98	8.21627
364767.77	3765113.98	5.44890	364787.77	3765113.98	3.90629
364807.77	3765113.98	2.96200	364847.77	3765113.98	1.91426
364867.77	3765113.98	1.60412	364907.77	3765113.98	1.19217
364927.77	3765113.98	1.05079	364987.77	3765113.98	0.75919
364974.19	3765124.83	0.90771	365167.77	3765113.98	0.36255

365187.77	3765113.98	0.33719	365247.77	3765113.98	0.27241
365267.77	3765113.98	0.25401	365287.77	3765113.98	0.23690
365307.77	3765113.98	0.22084	365327.77	3765113.98	0.20583
364587.77	3765133.98	0.82246	364607.77	3765133.98	1.11928
364627.77	3765133.98	1.59359	364647.77	3765133.98	2.38616
364707.77	3765133.98	11.47244	364787.77	3765133.98	6.85120

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***  
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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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
364847.77	3765133.98	2.75383	364867.77	3765133.98	2.21817	
364887.77	3765133.98	1.83970	364907.77	3765133.98	1.56008	
364967.77	3765133.98	1.03984	365173.25	3765141.68	0.42552	
365183.33	3765128.95	0.37615	365227.77	3765133.98	0.32822	
365247.77	3765133.98	0.30459	365287.77	3765133.98	0.26242	
365307.77	3765133.98	0.24355	365327.77	3765133.98	0.22624	
364587.77	3765153.98	0.73998	364607.77	3765153.98	0.95858	
364627.77	3765153.98	1.27615	364647.77	3765153.98	1.75391	
364687.77	3765153.98	3.79132	364707.77	3765153.98	5.93531	
364727.77	3765153.98	9.56192	364747.77	3765153.98	13.34667	
364827.77	3765153.98	5.82931	364847.77	3765153.98	4.23361	
364887.77	3765153.98	2.57748	364907.77	3765153.98	2.11519	
364948.79	3765161.56	1.67292	364970.02	3765159.71	1.39551	
365152.93	3765164.42	0.54732	365167.77	3765153.98	0.47452	
365227.77	3765153.98	0.37172	365247.77	3765153.98	0.34332	
365287.77	3765153.98	0.29277	365307.77	3765153.98	0.27039	
365347.77	3765153.98	0.23122	365367.77	3765153.98	0.21363	
364587.77	3765173.98	0.66048	364607.77	3765173.98	0.82432	
364627.77	3765173.98	1.04756	364667.77	3765173.98	1.82536	
364687.77	3765173.98	2.50813	364707.77	3765173.98	3.62306	
364727.77	3765173.98	5.36999	364747.77	3765173.98	8.07252	
364767.77	3765173.98	12.83035	364827.77	3765173.98	10.98011	
364847.77	3765173.98	7.16831	364867.77	3765173.98	5.07360	
364887.77	3765173.98	3.80977	364941.22	3765177.67	2.27843	
364967.77	3765173.98	1.71854	365127.77	3765173.98	0.66496	Residential MER
365147.77	3765173.98	0.60488	365207.77	3765173.98	0.46300	
365227.77	3765173.98	0.42485	365247.77	3765173.98	0.39011	
365267.77	3765173.98	0.35786	365287.77	3765173.98	0.32862	
365307.77	3765173.98	0.30225	365347.77	3765173.98	0.25604	
365367.77	3765173.98	0.23553	364587.77	3765193.98	0.58930	
364607.77	3765193.98	0.71455	364667.77	3765193.98	1.39749	
364687.77	3765193.98	1.82900	364707.77	3765193.98	2.48259	
364727.77	3765193.98	3.44241	364747.77	3765193.98	4.81190	
364787.77	3765193.98	10.49099	364807.77	3765193.98	14.22134	

364847.77	3765193.98	14.18243	364867.77	3765193.98	8.89262
364927.77	3765193.98	3.52262	364955.35	3765151.39	1.38955
365125.68	3765201.29	0.86314	365147.77	3765193.98	0.71786
365187.77	3765193.98	0.59081	365207.77	3765193.98	0.53797
365247.77	3765193.98	0.44714	365267.77	3765193.98	0.40721
365287.77	3765193.98	0.37094	365327.77	3765193.98	0.31157

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 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 2) Construction HRA
 *** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365347.77	3765193.98	0.28539	365367.77	3765193.98	0.26144
365387.77	3765193.98	0.23916	365407.77	3765193.98	0.21871
364587.77	3765213.98	0.52705	364647.77	3765213.98	0.90749
364667.77	3765213.98	1.11563	364687.77	3765213.98	1.40713
364707.77	3765213.98	1.82587	364727.77	3765213.98	2.41636
364787.77	3765213.98	6.02443	364807.77	3765213.98	8.72237
364827.77	3765213.98	13.67721	364907.77	3765213.98	7.60552
364917.33	3765219.71	7.63359	365118.89	3765212.76	1.00756
365187.77	3765213.98	0.70024	365207.77	3765213.98	0.63226
365247.77	3765213.98	0.51594	365267.77	3765213.98	0.46744
365307.77	3765213.98	0.38610	365327.77	3765213.98	0.35207
365347.77	3765213.98	0.32114	365387.77	3765213.98	0.26579
365407.77	3765213.98	0.24167	365427.77	3765213.98	0.21990
364587.77	3765233.98	0.47250	364627.77	3765233.98	0.64619
364647.77	3765233.98	0.76522	364667.77	3765233.98	0.91850
364687.77	3765233.98	1.12481	364707.77	3765233.98	1.41164
364727.77	3765233.98	1.80524	364767.77	3765233.98	2.99166
364787.77	3765233.98	3.91696	364807.77	3765233.98	5.25443
364827.77	3765233.98	7.31591	364847.77	3765233.98	10.86259
364927.77	3765233.98	9.96215	365106.29	3765240.48	1.50671
365111.23	3765225.10	1.20951	365167.77	3765233.98	0.94373
365187.77	3765233.98	0.84197	365227.77	3765233.98	0.67099
365247.77	3765233.98	0.60290	365267.77	3765233.98	0.54332
365307.77	3765233.98	0.44284	365327.77	3765233.98	0.40186
365367.77	3765233.98	0.32947	365387.77	3765233.98	0.29747
365407.77	3765233.98	0.26875	365427.77	3765233.98	0.24305
365447.77	3765233.98	0.22011	365507.77	3765233.98	0.16562
364627.77	3765253.98	0.56322	364647.77	3765253.98	0.65542
364667.77	3765253.98	0.77128	364687.77	3765253.98	0.92187
364707.77	3765253.98	1.12579	364747.77	3765253.98	1.74005
364767.77	3765253.98	2.17937	364787.77	3765253.98	2.74906
364807.77	3765253.98	3.50901	364827.77	3765253.98	4.57985
364887.77	3765253.98	13.41581	365096.08	3765253.98	1.95804
365147.77	3765253.98	1.33394	365167.77	3765253.98	1.16940

365207.77	3765253.98	0.90160	365227.77	3765253.98	0.80167
365247.77	3765253.98	0.71633	365287.77	3765253.98	0.57265
365307.77	3765253.98	0.51417	365327.77	3765253.98	0.46397
365347.77	3765253.98	0.41753	365367.77	3765253.98	0.37431
365387.77	3765253.98	0.33545	365407.77	3765253.98	0.30090
365427.77	3765253.98	0.27035	365447.77	3765253.98	0.24323

364607.77	3765313.98	0.35669	364627.77	3765313.98	0.39781
364647.77	3765313.98	0.44469	364667.77	3765313.98	0.50233
364707.77	3765313.98	0.65835	364727.77	3765313.98	0.76264
364747.77	3765313.98	0.89304	364767.77	3765313.98	1.04634
364787.77	3765313.98	1.23828	364847.77	3765313.98	2.14524
364867.77	3765313.98	2.64203	364887.77	3765313.98	3.27832

364887.77	3765353.98	1.87278	364907.77	3765353.98	2.22678
364927.77	3765353.98	2.64971	364947.77	3765353.98	3.15574
364967.77	3765353.98	3.79213	364987.77	3765353.98	4.63200
365007.77	3765353.98	5.78602	365027.77	3765353.98	7.41035
365047.77	3765353.98	9.98053	365127.77	3765353.98	13.46047
365147.77	3765353.98	8.87907	365167.77	3765353.98	6.35661

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365187.77	3765353.98	4.78762	365227.77	3765353.98	3.00615
365247.77	3765353.98	2.45803	365267.77	3765353.98	2.04178
365287.77	3765353.98	1.71022	365307.77	3765353.98	1.43434
365327.77	3765353.98	1.20546	365347.77	3765353.98	1.01394
365367.77	3765353.98	0.85312	365387.77	3765353.98	0.71740
365407.77	3765353.98	0.60657	365427.77	3765353.98	0.51561
364587.77	3765373.98	0.25014	364607.77	3765373.98	0.27264
364627.77	3765373.98	0.29813	364667.77	3765373.98	0.35936
364687.77	3765373.98	0.39565	364707.77	3765373.98	0.43877
364727.77	3765373.98	0.49413	364747.77	3765373.98	0.55763
364807.77	3765373.98	0.82306	364827.77	3765373.98	0.94491
364847.77	3765373.98	1.09728	364867.77	3765373.98	1.27781
364887.77	3765373.98	1.49332	364907.77	3765373.98	1.74596
364927.77	3765373.98	2.03408	364947.77	3765373.98	2.38045
364967.77	3765373.98	2.80047	364987.77	3765373.98	3.31811
365007.77	3765373.98	3.97353	365027.77	3765373.98	4.85367
365067.77	3765373.98	7.91679	365087.77	3765373.98	10.71328
365107.77	3765373.98	15.53191	365167.77	3765373.98	12.37662
365207.77	3765373.98	6.10604	365227.77	3765373.98	4.63443
365247.77	3765373.98	3.63094	365267.77	3765373.98	2.90297
365287.77	3765373.98	2.35277	365307.77	3765373.98	1.92209
365327.77	3765373.98	1.57562	365347.77	3765373.98	1.29338
365367.77	3765373.98	1.06259	365387.77	3765373.98	0.87347
365407.77	3765373.98	0.72220	364587.77	3765393.98	0.23150
364607.77	3765393.98	0.25100	364627.77	3765393.98	0.27347
364647.77	3765393.98	0.29914	364667.77	3765393.98	0.32409
364687.77	3765393.98	0.35402	364707.77	3765393.98	0.39225
364727.77	3765393.98	0.43838	364747.77	3765393.98	0.49115
364787.77	3765393.98	0.62221	364807.77	3765393.98	0.70224
364827.77	3765393.98	0.79992	364847.77	3765393.98	0.91763
364867.77	3765393.98	1.05669	364887.77	3765393.98	1.21862
364907.77	3765393.98	1.40308	364927.77	3765393.98	1.60933
364947.77	3765393.98	1.85951	364967.77	3765393.98	2.15156
364987.77	3765393.98	2.49580	365007.77	3765393.98	2.91329

365047.77	3765393.98	4.16154	365067.77	3765393.98	5.09889
365087.77	3765393.98	6.41016	365107.77	3765393.98	8.39578
365127.77	3765393.98	11.55756	365147.77	3765393.98	17.03125
365207.77	3765393.98	11.94400	365227.77	3765393.98	8.19346
365247.77	3765393.98	5.94182	365267.77	3765393.98	4.48067
365287.77	3765393.98	3.47038	365307.77	3765393.98	2.72859

*** AERMOD - VERSION 21112 ***
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*** SMM-08 (Phase 2) Construction HRA
 *** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365327.77	3765393.98	2.16092	365347.77	3765393.98	1.71572
365367.77	3765393.98	1.36346	365387.77	3765393.98	1.08483
364647.77	3765413.98	0.27134	364667.77	3765413.98	0.29291
364687.77	3765413.98	0.31908	364707.77	3765413.98	0.35251
364727.77	3765413.98	0.39235	364787.77	3765413.98	0.54374
364807.77	3765413.98	0.60945	364827.77	3765413.98	0.68792
364847.77	3765413.98	0.78035	364867.77	3765413.98	0.88972
364887.77	3765413.98	1.01293	364907.77	3765413.98	1.14833
364927.77	3765413.98	1.30602	364947.77	3765413.98	1.49144
364967.77	3765413.98	1.70101	364987.77	3765413.98	1.94238
365047.77	3765413.98	3.03091	365067.77	3765413.98	3.58859
365087.77	3765413.98	4.33216	365107.77	3765413.98	5.34776
365127.77	3765413.98	6.77032	365147.77	3765413.98	8.98363
365187.77	3765413.98	15.58653	365247.77	3765413.98	11.74817
365267.77	3765413.98	7.97688	365287.77	3765413.98	5.71590
365307.77	3765413.98	4.22901	365327.77	3765413.98	3.18030
365347.77	3765413.98	2.40450	365367.77	3765413.98	1.82042
365387.77	3765413.98	1.36635	364647.77	3765433.98	0.24987
364667.77	3765433.98	0.26684	364687.77	3765433.98	0.28912
364707.77	3765433.98	0.31918	364767.77	3765433.98	0.43245
364787.77	3765433.98	0.48008	364807.77	3765433.98	0.53451
364827.77	3765433.98	0.59813	364847.77	3765433.98	0.67303
364867.77	3765433.98	0.75735	364887.77	3765433.98	0.85144
364907.77	3765433.98	0.95752	364927.77	3765433.98	1.08148
364947.77	3765433.98	1.21898	364967.77	3765433.98	1.37365
364987.77	3765433.98	1.55203	365027.77	3765433.98	2.01279
365047.77	3765433.98	2.31073	365067.77	3765433.98	2.68082
365087.77	3765433.98	3.14925	365107.77	3765433.98	3.74246
365127.77	3765433.98	4.56111	365167.77	3765433.98	7.16173
365187.77	3765433.98	9.51713	365207.77	3765433.98	13.74199
365227.77	3765433.98	13.69252	365287.77	3765433.98	11.24725
365307.77	3765433.98	7.48830	365327.77	3765433.98	5.19695
365347.77	3765433.98	3.65242	365367.77	3765433.98	2.55015
364687.77	3765453.98	0.26496	364707.77	3765453.98	0.29112

364747.77	3765453.98	0.35101	364767.77	3765453.98	0.38676
364787.77	3765453.98	0.42701	364807.77	3765453.98	0.47245
364827.77	3765453.98	0.52460	364847.77	3765453.98	0.58513
364867.77	3765453.98	0.65101	364887.77	3765453.98	0.72499
364907.77	3765453.98	0.80952	364927.77	3765453.98	0.90626
364947.77	3765453.98	1.01031	364967.77	3765453.98	1.12841

364787.77	3765513.98	0.30919	364807.77	3765513.98	0.33661
364847.77	3765513.98	0.39848	364867.77	3765513.98	0.43441
364887.77	3765513.98	0.47378	364907.77	3765513.98	0.51561
364927.77	3765513.98	0.55889	364967.77	3765513.98	0.66313
364987.77	3765513.98	0.72309	365007.77	3765513.98	0.80111
365027.77	3765513.98	0.89271	365047.77	3765513.98	0.99799

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 2) Construction HRA
 *** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
      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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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365067.77	3765513.98	1.11852	365107.77	3765513.98	1.39643
365127.77	3765513.98	1.56413	365147.77	3765513.98	1.75946
365167.77	3765513.98	1.98688	365187.77	3765513.98	2.25258
365207.77	3765513.98	2.57578	365227.77	3765513.98	2.97261
365247.77	3765513.98	3.45982	365267.77	3765513.98	4.07017
365287.77	3765513.98	4.92094	365307.77	3765513.98	6.02298
365327.77	3765513.98	7.34726	364867.77	3765533.98	0.38459
364887.77	3765533.98	0.41631	364907.77	3765533.98	0.44841
364967.77	3765533.98	0.56305	364987.77	3765533.98	0.61732
365007.77	3765533.98	0.68337	365027.77	3765533.98	0.75716
365047.77	3765533.98	0.84316	365087.77	3765533.98	1.04152
365107.77	3765533.98	1.15345	365127.77	3765533.98	1.28147
365147.77	3765533.98	1.42600	365167.77	3765533.98	1.58929
365187.77	3765533.98	1.77266	365207.77	3765533.98	1.99561
365227.77	3765533.98	2.23497	365247.77	3765533.98	2.50734
365267.77	3765533.98	2.84523	365287.77	3765533.98	3.26065
365307.77	3765533.98	3.75019	364947.77	3765553.98	0.45306
364967.77	3765553.98	0.49079	364987.77	3765553.98	0.53659
365007.77	3765553.98	0.59066	365027.77	3765553.98	0.65184
365047.77	3765553.98	0.72298	365087.77	3765553.98	0.87829
365107.77	3765553.98	0.96630	365127.77	3765553.98	1.06475
365147.77	3765553.98	1.17301	365167.77	3765553.98	1.29328
365187.77	3765553.98	1.42878	365207.77	3765553.98	1.57504
365227.77	3765553.98	1.73356	365247.77	3765553.98	1.91266
365267.77	3765553.98	2.12169	365287.77	3765553.98	2.35550
364927.77	3765573.98	0.37203	364947.77	3765573.98	0.39952
364967.77	3765573.98	0.43220	364987.77	3765573.98	0.47056
365007.77	3765573.98	0.51494	365027.77	3765573.98	0.56721
365067.77	3765573.98	0.68528	365087.77	3765573.98	0.74799
365107.77	3765573.98	0.81845	365127.77	3765573.98	0.89497
365147.77	3765573.98	0.97791	365167.77	3765573.98	1.06860
365187.77	3765573.98	1.16913	365207.77	3765573.98	1.27094
365227.77	3765573.98	1.38195	365247.77	3765573.98	1.50351
365267.77	3765573.98	1.63569	365287.77	3765573.98	1.77728

364927.77	3765593.98	0.33204	364947.77	3765593.98	0.35577
364967.77	3765593.98	0.38370	364987.77	3765593.98	0.41474
365007.77	3765593.98	0.45280	365047.77	3765593.98	0.54337
365067.77	3765593.98	0.59042	365087.77	3765593.98	0.64171
365107.77	3765593.98	0.69954	365127.77	3765593.98	0.75962
365147.77	3765593.98	0.82431	365167.77	3765593.98	0.89435

364971.22	3765213.27	3.14520	364978.06	3765201.98	2.40875
365019.46	3765265.28	5.46611	365038.28	3765267.33	4.46012
365051.63	3765249.54	2.70826	365028.02	3765224.22	2.20756
365013.30	3765211.90	2.07301	364996.19	3765199.92	1.99276
364988.33	3765220.80	3.02829	365008.86	3765232.43	3.03969
365011.93	3765281.70	10.18436	365032.12	3765287.18	8.37295

365227.77	3764773.98	0.10250	365247.77	3764773.98	0.09219
365267.77	3764773.98	0.08287	365287.77	3764773.98	0.07459
365307.77	3764773.98	0.06728	365387.77	3764773.98	0.04619

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 2) Construction HRA
 *** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365407.77	3764773.98	0.04246	365427.77	3764773.98	0.03918
364807.77	3764793.98	0.35637	364827.77	3764793.98	0.36191
364847.77	3764793.98	0.36486	364867.77	3764793.98	0.36580
364887.77	3764793.98	0.36441	364947.77	3764793.98	0.34501
365007.77	3764793.98	0.30176	365027.77	3764793.98	0.28379
365067.77	3764793.98	0.24534	365087.77	3764793.98	0.22592
365107.77	3764793.98	0.20657	365127.77	3764793.98	0.18766
365147.77	3764793.98	0.16934	365187.77	3764793.98	0.13631
365207.77	3764793.98	0.12203	365227.77	3764793.98	0.10913
365247.77	3764793.98	0.09755	365267.77	3764793.98	0.08722
365287.77	3764793.98	0.07814	365307.77	3764793.98	0.07024
365327.77	3764793.98	0.06332	365407.77	3764793.98	0.04376
365427.77	3764793.98	0.04033	365447.77	3764793.98	0.03733
365467.77	3764793.98	0.03467	364787.77	3764813.98	0.37911
364807.77	3764813.98	0.38967	364827.77	3764813.98	0.39788
364847.77	3764813.98	0.40346	364867.77	3764813.98	0.40729
364927.77	3764813.98	0.40032	364947.77	3764813.98	0.39124
364967.77	3764813.98	0.37830	365047.77	3764813.98	0.29943
365067.77	3764813.98	0.27639	365087.77	3764813.98	0.25311
365107.77	3764813.98	0.22996	365127.77	3764813.98	0.20737
365147.77	3764813.98	0.18592	365167.77	3764813.98	0.16576
365227.77	3764813.98	0.11609	365247.77	3764813.98	0.10321
365267.77	3764813.98	0.09180	365287.77	3764813.98	0.08184
365307.77	3764813.98	0.07323	365327.77	3764813.98	0.06580
365347.77	3764813.98	0.05943	365367.77	3764813.98	0.05396
365447.77	3764813.98	0.03843	365467.77	3764813.98	0.03566
364787.77	3764833.98	0.41219	364807.77	3764833.98	0.42622
364827.77	3764833.98	0.43786	364847.77	3764833.98	0.44733
364867.77	3764833.98	0.45502	364927.77	3764833.98	0.45540
364967.77	3764833.98	0.43355	364985.50	3764826.89	0.39743
365067.77	3764833.98	0.31378	365087.77	3764833.98	0.28556
365107.77	3764833.98	0.25758	365127.77	3764833.98	0.23036
365147.77	3764833.98	0.20495	365167.77	3764833.98	0.18122
365187.77	3764833.98	0.15972	365247.77	3764833.98	0.10924
365267.77	3764833.98	0.09660	365287.77	3764833.98	0.08570
365307.77	3764833.98	0.07636	365327.77	3764833.98	0.06839
365347.77	3764833.98	0.06160	365367.77	3764833.98	0.05582

365387.77	3764833.98	0.05087	364767.77	3764853.98	0.42708
364787.77	3764853.98	0.44732	364807.77	3764853.98	0.46597
364827.77	3764853.98	0.48285	364847.77	3764853.98	0.49784

364907.77	3764913.98	0.79531	364927.77	3764913.98	0.81414
364987.77	3764913.98	0.79415	365007.77	3764913.98	0.75785
365027.77	3764913.98	0.70672	365047.77	3764913.98	0.64694

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*** AERMOD - VERSION 21112 ***      *** SMM-08 (Phase 2) Construction HRA      ***      02/12/23
*** AERMET - VERSION 16216 ***      *** Santa Monica      ***      21:59:03
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365121.31	3764918.09	0.40761	365187.77	3764913.98	0.22545
365207.77	3764913.98	0.19033	365227.77	3764913.98	0.16130
365247.77	3764913.98	0.13769	365267.77	3764913.98	0.11872
365287.77	3764913.98	0.10335	365307.77	3764913.98	0.09070
365367.77	3764913.98	0.06486	365387.77	3764913.98	0.05885
364727.77	3764933.98	0.47441	364747.77	3764933.98	0.51505
364767.77	3764933.98	0.55960	364787.77	3764933.98	0.60816
364847.77	3764933.98	0.76971	364867.77	3764933.98	0.82440
364887.77	3764933.98	0.87545	364907.77	3764933.98	0.91983
364987.77	3764933.98	0.96333	365007.77	3764933.98	0.92498
365027.77	3764933.98	0.86598	365047.77	3764933.98	0.79015
365107.77	3764933.98	0.51792	365127.77	3764933.98	0.43436
365147.77	3764933.98	0.36067	365207.77	3764933.98	0.20609
365227.77	3764933.98	0.17294	365247.77	3764933.98	0.14650
365267.77	3764933.98	0.12556	365287.77	3764933.98	0.10884
365307.77	3764933.98	0.09525	365327.77	3764933.98	0.08441
364707.77	3764953.98	0.45121	364727.77	3764953.98	0.49356
364747.77	3764953.98	0.54010	364767.77	3764953.98	0.59287
364787.77	3764953.98	0.65068	364847.77	3764953.98	0.85472
364867.77	3764953.98	0.92725	364887.77	3764953.98	0.99884
364907.77	3764953.98	1.06560	364967.77	3764953.98	1.19101
364987.77	3764953.98	1.18655	365027.77	3764953.98	1.08738
365087.77	3764953.98	0.74224	365107.77	3764953.98	0.61969
365127.77	3764953.98	0.50857	365147.77	3764953.98	0.41301
365167.77	3764953.98	0.33479	365247.77	3764953.98	0.15638
365267.77	3764953.98	0.13339	365287.77	3764953.98	0.11525
365307.77	3764953.98	0.10070	365327.77	3764953.98	0.08913
365347.77	3764953.98	0.07963	365367.77	3764953.98	0.07169
364687.77	3764973.98	0.42100	364707.77	3764973.98	0.46299
364727.77	3764973.98	0.51025	364747.77	3764973.98	0.56367
364767.77	3764973.98	0.62428	364827.77	3764973.98	0.85138
364847.77	3764973.98	0.94279	364867.77	3764973.98	1.03855
364887.77	3764973.98	1.13713	364907.77	3764973.98	1.23469
364947.77	3764973.98	1.40595	364967.77	3764973.98	1.46425
365007.77	3764973.98	1.47485	365027.77	3764973.98	1.40441
365067.77	3764973.98	1.10828	365087.77	3764973.98	0.92800
365107.77	3764973.98	0.75514	365127.77	3764973.98	0.60373

365147.77	3764973.98	0.47635	365167.77	3764973.98	0.37672
365267.77	3764973.98	0.14278	365287.77	3764973.98	0.12332
365307.77	3764973.98	0.10777	365327.77	3764973.98	0.09526

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*** AERMOD - VERSION 21112 ***      *** SMM-08 (Phase 2) Construction HRA      ***      02/12/23
*** AERMET - VERSION 16216 ***      *** Santa Monica      ***      21:59:03
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*** MODELOPTs:    RegDEFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ONSITE    ***
    INCLUDING SOURCE(S):      1              , 2              ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365347.77	3764973.98	0.08507	364667.77	3764993.98	0.38646
364687.77	3764993.98	0.42644	364707.77	3764993.98	0.47173
364727.77	3764993.98	0.52371	364747.77	3764993.98	0.58364
364807.77	3764993.98	0.81896	364827.77	3764993.98	0.91958
364847.77	3764993.98	1.03240	364867.77	3764993.98	1.15593
364887.77	3764993.98	1.28851	364927.77	3764993.98	1.56902
364947.77	3764993.98	1.70505	364987.77	3764993.98	1.91344
365007.77	3764993.98	1.94273	365067.77	3764993.98	1.46760
365087.77	3764993.98	1.19601	365107.77	3764993.98	0.94077
365127.77	3764993.98	0.72636	365147.77	3764993.98	0.55476
365307.77	3764993.98	0.11737	365327.77	3764993.98	0.10391
365347.77	3764993.98	0.09287	364667.77	3765013.98	0.38682
364687.77	3765013.98	0.42867	364707.77	3765013.98	0.47710
364727.77	3765013.98	0.53335	364787.77	3765013.98	0.76250
364807.77	3765013.98	0.86487	364827.77	3765013.98	0.98320
364847.77	3765013.98	1.11981	364867.77	3765013.98	1.27503
364927.77	3765013.98	1.85421	364947.77	3765013.98	2.07584
364987.77	3765013.98	2.50732	365007.77	3765013.98	2.64537
365047.77	3765013.98	2.42662	365067.77	3765013.98	2.04385
365089.22	3765022.25	1.79443	365107.77	3765013.98	1.20587
365127.77	3765013.98	0.89042	365177.19	3765021.56	0.46039
365327.77	3765013.98	0.11712	364647.77	3765033.98	0.34673
364667.77	3765033.98	0.38429	364687.77	3765033.98	0.42764
364707.77	3765033.98	0.47834	364727.77	3765033.98	0.53781
364787.77	3765033.98	0.78715	364807.77	3765033.98	0.90223
364827.77	3765033.98	1.03864	364847.77	3765033.98	1.20045
364907.77	3765033.98	1.87813	364927.77	3765033.98	2.18140
364967.77	3765033.98	2.93095	364987.77	3765033.98	3.34728
365040.35	3765045.52	5.22247	365047.77	3765033.98	3.72347
365081.79	3765036.73	2.62321	365102.74	3765037.11	1.84465
365115.93	3765028.17	1.27910	365167.77	3765033.98	0.58907
364667.77	3765053.98	0.37883	364687.77	3765053.98	0.42308
364707.77	3765053.98	0.47520	364767.77	3765053.98	0.69747
364787.77	3765053.98	0.80213	364807.77	3765053.98	0.92849
364827.77	3765053.98	1.08185	364847.77	3765053.98	1.26824
364887.77	3765053.98	1.77643	364907.77	3765053.98	2.12190
364947.77	3765053.98	3.06960	364967.77	3765053.98	3.71777

365027.77	3765053.98	6.37897	365073.47	3765062.47	5.81892
365090.56	3765063.14	4.29253	365097.13	3765048.66	2.54886
365147.77	3765053.98	1.08155	365164.40	3765046.03	0.71945

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 2) Construction HRA
 *** Santa Monica

*** 02/12/23
 *** 21:59:03
 *** PAGE 126

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365207.77	3765053.98	0.45876	365227.77	3765053.98	0.37376
365287.77	3765053.98	0.22910	365307.77	3765053.98	0.19959
365327.77	3765053.98	0.17518	364607.77	3765073.98	0.27206
364627.77	3765073.98	0.30021	364687.77	3765073.98	0.41506
364747.77	3765073.98	0.60525	364767.77	3765073.98	0.69570
364787.77	3765073.98	0.80567	364807.77	3765073.98	0.94090
364827.77	3765073.98	1.10841	364867.77	3765073.98	1.58232
364887.77	3765073.98	1.92091	364907.77	3765073.98	2.35671
364927.77	3765073.98	2.92507	364947.77	3765073.98	3.67593
365007.77	3765073.98	7.88384	365021.75	3765063.62	7.63091
365082.65	3765075.82	9.16488	365146.54	3765067.22	1.49885
365135.74	3765077.46	2.60105	365207.77	3765073.98	0.69291
365227.77	3765073.98	0.55474	365267.77	3765073.98	0.37923
365287.77	3765073.98	0.32069	365307.77	3765073.98	0.27403
365327.77	3765073.98	0.23628	365347.77	3765073.98	0.20543
364607.77	3765093.98	0.26314	364627.77	3765093.98	0.29062
364647.77	3765093.98	0.32247	364727.77	3765093.98	0.51767
364747.77	3765093.98	0.59295	364767.77	3765093.98	0.68437
364787.77	3765093.98	0.79695	364807.77	3765093.98	0.93733
364867.77	3765093.98	1.64030	364887.77	3765093.98	2.03449
364927.77	3765093.98	3.30080	364947.77	3765093.98	4.32727
364991.25	3765100.94	9.23116	365007.77	3765093.98	11.22820
365130.02	3765090.09	4.97299	365123.92	3765104.35	11.74928
365192.80	3765102.56	1.97286	365207.77	3765093.98	1.19767
365267.77	3765093.98	0.58435	365287.77	3765093.98	0.47845
365307.77	3765093.98	0.39724	365327.77	3765093.98	0.33407
364587.77	3765113.98	0.23020	364607.77	3765113.98	0.25310
364627.77	3765113.98	0.27955	364647.77	3765113.98	0.31029
364667.77	3765113.98	0.34626	364747.77	3765113.98	0.57353
364767.77	3765113.98	0.66371	364787.77	3765113.98	0.77577
364807.77	3765113.98	0.91708	364847.77	3765113.98	1.33723
364867.77	3765113.98	1.65731	364907.77	3765113.98	2.71716
364927.77	3765113.98	3.62388	364987.77	3765113.98	10.28870
364974.19	3765124.83	8.86269	365167.77	3765113.98	4.86402
365187.77	3765113.98	3.17256	365247.77	3765113.98	1.19263
365267.77	3765113.98	0.92087	365287.77	3765113.98	0.72729
365307.77	3765113.98	0.58556	365327.77	3765113.98	0.47994

364587.77	3765133.98	0.22038	364607.77	3765133.98	0.24214
364627.77	3765133.98	0.26729	364647.77	3765133.98	0.29654
364707.77	3765133.98	0.41935	364787.77	3765133.98	0.74294

365187.77	3765193.98	9.94350	365207.77	3765193.98	7.30589
365247.77	3765193.98	4.03254	365267.77	3765193.98	3.06266
365287.77	3765193.98	2.35048	365327.77	3765193.98	1.47607

*** AERMOD - VERSION 21112 *** ** SMM-08 (Phase 2) Construction HRA
 *** AERMET - VERSION 16216 *** ** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365347.77	3765193.98	1.19166	365367.77	3765193.98	0.97233
365387.77	3765193.98	0.80264	365407.77	3765193.98	0.66865
364587.77	3765213.98	0.17855	364647.77	3765213.98	0.23456
364667.77	3765213.98	0.25875	364687.77	3765213.98	0.28735
364707.77	3765213.98	0.32189	364727.77	3765213.98	0.36209
364787.77	3765213.98	0.54037	364807.77	3765213.98	0.62976
364827.77	3765213.98	0.74315	364907.77	3765213.98	1.73222
364917.33	3765219.71	1.84526	365118.89	3765212.76	17.39044
365187.77	3765213.98	9.08097	365207.77	3765213.98	7.13063
365247.77	3765213.98	4.33135	365267.77	3765213.98	3.38932
365307.77	3765213.98	2.13070	365327.77	3765213.98	1.72093
365347.77	3765213.98	1.40458	365387.77	3765213.98	0.95602
365407.77	3765213.98	0.79879	365427.77	3765213.98	0.67278
364587.77	3765233.98	0.16827	364627.77	3765233.98	0.19983
364647.77	3765233.98	0.21857	364667.77	3765233.98	0.24017
364687.77	3765233.98	0.26574	364707.77	3765233.98	0.29667
364727.77	3765233.98	0.33231	364767.77	3765233.98	0.42452
364787.77	3765233.98	0.48541	364807.77	3765233.98	0.55974
364827.77	3765233.98	0.64751	364847.77	3765233.98	0.76033
364927.77	3765233.98	1.76549	365106.29	3765240.48	12.88976
365111.23	3765225.10	15.59247	365167.77	3765233.98	9.41497
365187.77	3765233.98	7.95907	365227.77	3765233.98	5.40028
365247.77	3765233.98	4.38146	365267.77	3765233.98	3.54551
365307.77	3765233.98	2.33693	365327.77	3765233.98	1.91839
365367.77	3765233.98	1.31517	365387.77	3765233.98	1.09817
365407.77	3765233.98	0.92323	365427.77	3765233.98	0.78130
365447.77	3765233.98	0.66519	365507.77	3765233.98	0.42416
364627.77	3765253.98	0.18608	364647.77	3765253.98	0.20276
364667.77	3765253.98	0.22194	364687.77	3765253.98	0.24440
364707.77	3765253.98	0.27146	364747.77	3765253.98	0.33971
364767.77	3765253.98	0.38236	364787.77	3765253.98	0.43216
364807.77	3765253.98	0.49008	364827.77	3765253.98	0.56029
364887.77	3765253.98	0.92136	365096.08	3765253.98	10.49895
365147.77	3765253.98	8.62026	365167.77	3765253.98	7.74055
365207.77	3765253.98	5.89736	365227.77	3765253.98	5.02500
365247.77	3765253.98	4.23310	365287.77	3765253.98	2.94688
365307.77	3765253.98	2.45417	365327.77	3765253.98	2.05185

365347.77	3765253.98	1.71955	365367.77	3765253.98	1.44513
365387.77	3765253.98	1.21965	365407.77	3765253.98	1.03408
365427.77	3765253.98	0.88126	365447.77	3765253.98	0.75474

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365487.77	3765253.98	0.56023	364607.77	3765273.98	0.16002
364627.77	3765273.98	0.17298	364647.77	3765273.98	0.18773
364667.77	3765273.98	0.20455	364687.77	3765273.98	0.22435
364727.77	3765273.98	0.27482	364747.77	3765273.98	0.30540
364767.77	3765273.98	0.34075	364787.77	3765273.98	0.38108
364807.77	3765273.98	0.42786	364827.77	3765273.98	0.48385
364867.77	3765273.98	0.64295	364887.77	3765273.98	0.75546
364907.77	3765273.98	0.88886	364927.77	3765273.98	1.05580
365089.63	3765267.30	8.04907	365127.77	3765273.98	7.08703
365147.77	3765273.98	6.75183	365167.77	3765273.98	6.29056
365187.77	3765273.98	5.73811	365207.77	3765273.98	5.13594
365227.77	3765273.98	4.53344	365267.77	3765273.98	3.40028
365287.77	3765273.98	2.90880	365307.77	3765273.98	2.48461
365327.77	3765273.98	2.11576	365347.77	3765273.98	1.80153
365367.77	3765273.98	1.53588	365387.77	3765273.98	1.31288
365407.77	3765273.98	1.12484	365427.77	3765273.98	0.96680
365447.77	3765273.98	0.83362	365467.77	3765273.98	0.72124
364587.77	3765293.98	0.13889	364607.77	3765293.98	0.14923
364627.77	3765293.98	0.16070	364647.77	3765293.98	0.17353
364667.77	3765293.98	0.18811	364687.77	3765293.98	0.20566
364727.77	3765293.98	0.24748	364747.77	3765293.98	0.27338
364767.77	3765293.98	0.30223	364787.77	3765293.98	0.33519
364807.77	3765293.98	0.37327	364867.77	3765293.98	0.53897
364887.77	3765293.98	0.62377	364907.77	3765293.98	0.71959
364927.77	3765293.98	0.83589	364947.77	3765293.98	0.98503
365049.08	3765286.12	3.96488	365058.68	3765297.13	3.52202
365127.77	3765293.98	5.27067	365147.77	3765293.98	5.22427
365167.77	3765293.98	5.03925	365187.77	3765293.98	4.74664
365207.77	3765293.98	4.38838	365227.77	3765293.98	3.99526
365267.77	3765293.98	3.17105	365287.77	3765293.98	2.78414
365307.77	3765293.98	2.43497	365327.77	3765293.98	2.11467
365387.77	3765293.98	1.37393	365407.77	3765293.98	1.19097
365427.77	3765293.98	1.03393	365447.77	3765293.98	0.89935
365467.77	3765293.98	0.78156	364587.77	3765313.98	0.12984
364607.77	3765313.98	0.13917	364627.77	3765313.98	0.14931
364647.77	3765313.98	0.16033	364667.77	3765313.98	0.17312
364707.77	3765313.98	0.20423	364727.77	3765313.98	0.22283

364747.77	3765313.98	0.24432	364767.77	3765313.98	0.26759
364787.77	3765313.98	0.29463	364847.77	3765313.98	0.40354
364867.77	3765313.98	0.45609	364887.77	3765313.98	0.51979

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364907.77	3765313.98	0.58979	364927.77	3765313.98	0.67385
364967.77	3765313.98	0.92148	364987.77	3765313.98	1.11786
365007.77	3765313.98	1.39743	365071.85	3765307.48	3.28368
365107.77	3765313.98	3.66919	365127.77	3765313.98	3.89883
365147.77	3765313.98	4.00503	365167.77	3765313.98	3.99174
365187.77	3765313.98	3.87793	365207.77	3765313.98	3.69210
365247.77	3765313.98	3.18109	365267.77	3765313.98	2.89105
365287.77	3765313.98	2.60147	365307.77	3765313.98	2.32500
365327.77	3765313.98	2.05918	365347.77	3765313.98	1.81606
365427.77	3765313.98	1.07979	365447.77	3765313.98	0.94714
364587.77	3765333.98	0.12132	364607.77	3765333.98	0.12964
364627.77	3765333.98	0.13854	364647.77	3765333.98	0.14809
364687.77	3765333.98	0.17134	364707.77	3765333.98	0.18503
364727.77	3765333.98	0.20073	364747.77	3765333.98	0.21843
364767.77	3765333.98	0.23741	364787.77	3765333.98	0.25966
364827.77	3765333.98	0.31306	364847.77	3765333.98	0.34692
364867.77	3765333.98	0.38767	364887.77	3765333.98	0.43603
364907.77	3765333.98	0.48965	364927.77	3765333.98	0.55252
364947.77	3765333.98	0.63131	364967.77	3765333.98	0.73412
364987.77	3765333.98	0.87336	365007.77	3765333.98	1.06490
365027.77	3765333.98	1.32241	365107.77	3765333.98	2.66746
365127.77	3765333.98	2.90316	365147.77	3765333.98	3.06518
365167.77	3765333.98	3.14383	365187.77	3765333.98	3.14326
365227.77	3765333.98	2.95253	365247.77	3765333.98	2.78615
365267.77	3765333.98	2.59322	365287.77	3765333.98	2.38750
365307.77	3765333.98	2.17372	365327.77	3765333.98	1.96181
365347.77	3765333.98	1.76010	365367.77	3765333.98	1.57217
365387.77	3765333.98	1.40036	365427.77	3765333.98	1.10477
364587.77	3765353.98	0.11339	364607.77	3765353.98	0.12063
364627.77	3765353.98	0.12830	364647.77	3765353.98	0.13682
364687.77	3765353.98	0.15648	364707.77	3765353.98	0.16786
364727.77	3765353.98	0.18110	364747.77	3765353.98	0.19552
364767.77	3765353.98	0.21125	364827.77	3765353.98	0.27232
364847.77	3765353.98	0.29988	364867.77	3765353.98	0.33139
364887.77	3765353.98	0.36847	364907.77	3765353.98	0.41159
364927.77	3765353.98	0.46002	364947.77	3765353.98	0.52003
364967.77	3765353.98	0.59743	364987.77	3765353.98	0.69993

365007.77	3765353.98	0.83680	365027.77	3765353.98	1.00677
365047.77	3765353.98	1.23031	365127.77	3765353.98	2.18519
365147.77	3765353.98	2.35556	365167.77	3765353.98	2.47649

365207.77	3765393.98	1.73718	365227.77	3765393.98	1.77354
365247.77	3765393.98	1.77601	365267.77	3765393.98	1.74816
365287.77	3765393.98	1.69471	365307.77	3765393.98	1.62285

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 2) Construction HRA *** 02/12/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365327.77	3765393.98	1.53970	365347.77	3765393.98	1.44843
365367.77	3765393.98	1.35216	365387.77	3765393.98	1.25319
364647.77	3765413.98	0.10713	364667.77	3765413.98	0.11284
364687.77	3765413.98	0.11926	364707.77	3765413.98	0.12653
364727.77	3765413.98	0.13470	364787.77	3765413.98	0.16299
364807.77	3765413.98	0.17405	364827.77	3765413.98	0.18688
364847.77	3765413.98	0.20162	364867.77	3765413.98	0.21896
364887.77	3765413.98	0.23805	364907.77	3765413.98	0.25841
364927.77	3765413.98	0.28286	364947.77	3765413.98	0.31330
364967.77	3765413.98	0.34848	364987.77	3765413.98	0.39006
365047.77	3765413.98	0.59105	365067.77	3765413.98	0.68481
365087.77	3765413.98	0.79255	365107.77	3765413.98	0.90792
365127.77	3765413.98	1.02570	365147.77	3765413.98	1.14974
365187.77	3765413.98	1.35399	365247.77	3765413.98	1.51276
365267.77	3765413.98	1.50972	365287.77	3765413.98	1.48440
365307.77	3765413.98	1.44215	365327.77	3765413.98	1.38842
365347.77	3765413.98	1.32421	365367.77	3765413.98	1.25197
365387.77	3765413.98	1.17316	364647.77	3765433.98	0.09899
364667.77	3765433.98	0.10367	364687.77	3765433.98	0.10915
364707.77	3765433.98	0.11548	364767.77	3765433.98	0.13797
364787.77	3765433.98	0.14664	364807.77	3765433.98	0.15610
364827.77	3765433.98	0.16687	364847.77	3765433.98	0.17940
364867.77	3765433.98	0.19316	364887.77	3765433.98	0.20819
364907.77	3765433.98	0.22513	364927.77	3765433.98	0.24586
364947.77	3765433.98	0.26921	364967.77	3765433.98	0.29627
364987.77	3765433.98	0.32942	365027.77	3765433.98	0.42246
365047.77	3765433.98	0.48381	365067.77	3765433.98	0.55726
365087.77	3765433.98	0.64209	365107.77	3765433.98	0.73361
365127.77	3765433.98	0.83425	365167.77	3765433.98	1.02532
365187.77	3765433.98	1.11184	365207.77	3765433.98	1.18850
365227.77	3765433.98	1.24669	365287.77	3765433.98	1.29674
365307.77	3765433.98	1.27540	365327.77	3765433.98	1.24279
365347.77	3765433.98	1.19908	365367.77	3765433.98	1.14561
364687.77	3765453.98	0.10021	364707.77	3765453.98	0.10569
364747.77	3765453.98	0.11793	364767.77	3765453.98	0.12488
364787.77	3765453.98	0.13241	364807.77	3765453.98	0.14055
364827.77	3765453.98	0.14966	364847.77	3765453.98	0.16017

364867.77	3765453.98	0.17115	364887.77	3765453.98	0.18337
364907.77	3765453.98	0.19762	364927.77	3765453.98	0.21454
364947.77	3765453.98	0.23269	364967.77	3765453.98	0.25451

364927.77	3765513.98	0.14631	364967.77	3765513.98	0.17014
364987.77	3765513.98	0.18407	365007.77	3765513.98	0.20338
365027.77	3765513.98	0.22668	365047.77	3765513.98	0.25458

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365067.77	3765513.98	0.28688	365107.77	3765513.98	0.36367
365127.77	3765513.98	0.40742	365147.77	3765513.98	0.45403
365167.77	3765513.98	0.50222	365187.77	3765513.98	0.54984
365207.77	3765513.98	0.59670	365227.77	3765513.98	0.64001
365247.77	3765513.98	0.67693	365267.77	3765513.98	0.70653
365287.77	3765513.98	0.73163	365307.77	3765513.98	0.74893
365327.77	3765513.98	0.75914	364867.77	3765533.98	0.11055
364887.77	3765533.98	0.11660	364907.77	3765533.98	0.12332
364967.77	3765533.98	0.14986	364987.77	3765533.98	0.16321
365007.77	3765533.98	0.17996	365027.77	3765533.98	0.19962
365047.77	3765533.98	0.22310	365087.77	3765533.98	0.28001
365107.77	3765533.98	0.31335	365127.77	3765533.98	0.35017
365147.77	3765533.98	0.38961	365167.77	3765533.98	0.43025
365187.77	3765533.98	0.47023	365207.77	3765533.98	0.51206
365227.77	3765533.98	0.54745	365247.77	3765533.98	0.57888
365267.77	3765533.98	0.60819	365287.77	3765533.98	0.63360
365307.77	3765533.98	0.65358	364947.77	3765553.98	0.12538
364967.77	3765553.98	0.13477	364987.77	3765553.98	0.14646
365007.77	3765553.98	0.16071	365027.77	3765553.98	0.17756
365047.77	3765553.98	0.19730	365087.77	3765553.98	0.24448
365107.77	3765553.98	0.27249	365127.77	3765553.98	0.30339
365147.77	3765553.98	0.33629	365167.77	3765553.98	0.37051
365187.77	3765553.98	0.40568	365207.77	3765553.98	0.43907
365227.77	3765553.98	0.47027	365247.77	3765553.98	0.49997
365267.77	3765553.98	0.52827	365287.77	3765553.98	0.55326
364927.77	3765573.98	0.10672	364947.77	3765573.98	0.11365
364967.77	3765573.98	0.12209	364987.77	3765573.98	0.13227
365007.77	3765573.98	0.14444	365027.77	3765573.98	0.15900
365067.77	3765573.98	0.19425	365087.77	3765573.98	0.21503
365107.77	3765573.98	0.23877	365127.77	3765573.98	0.26468
365147.77	3765573.98	0.29233	365167.77	3765573.98	0.32130
365187.77	3765573.98	0.35141	365207.77	3765573.98	0.37928
365227.77	3765573.98	0.40680	365247.77	3765573.98	0.43357
365267.77	3765573.98	0.45888	365287.77	3765573.98	0.48214
364927.77	3765593.98	0.09750	364947.77	3765593.98	0.10375
364967.77	3765593.98	0.11119	364987.77	3765593.98	0.11992
365007.77	3765593.98	0.13057	365047.77	3765593.98	0.15714

365067.77	3765593.98	0.17264	365087.77	3765593.98	0.19032
365107.77	3765593.98	0.21059	365127.77	3765593.98	0.23232
365147.77	3765593.98	0.25571	365167.77	3765593.98	0.28046

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ONSITE ***
    INCLUDING SOURCE(S):      1          , 2          ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365187.77	3765593.98	0.30531	365207.77	3765593.98	0.33007
365227.77	3765593.98	0.35453	365247.77	3765593.98	0.37762
365267.77	3765593.98	0.39859	364947.77	3765613.98	0.09548
364967.77	3765613.98	0.10197	364987.77	3765613.98	0.10943
365007.77	3765613.98	0.11888	365047.77	3765613.98	0.14096
365067.77	3765613.98	0.15433	365087.77	3765613.98	0.16953
365107.77	3765613.98	0.18675	365127.77	3765613.98	0.20510
365147.77	3765613.98	0.22487	365167.77	3765613.98	0.24589
365187.77	3765613.98	0.26708	365207.77	3765613.98	0.28877
365227.77	3765613.98	0.31012	365247.77	3765613.98	0.33060
364987.77	3765633.98	0.10037	365027.77	3765633.98	0.11714
365047.77	3765633.98	0.12710	365067.77	3765633.98	0.13869
365087.77	3765633.98	0.15178	365107.77	3765633.98	0.16647
365127.77	3765633.98	0.18220	365147.77	3765633.98	0.19902
365167.77	3765633.98	0.21681	365187.77	3765633.98	0.23509
365207.77	3765633.98	0.25394	365227.77	3765633.98	0.27267
365247.77	3765633.98	0.29099	365007.77	3765653.98	0.09939
365027.77	3765653.98	0.10662	365047.77	3765653.98	0.11520
365067.77	3765653.98	0.12516	365087.77	3765653.98	0.13636
365107.77	3765653.98	0.14905	365127.77	3765653.98	0.16283
365147.77	3765653.98	0.17730	365167.77	3765653.98	0.19223
365187.77	3765653.98	0.20813	365207.77	3765653.98	0.22438
365227.77	3765653.98	0.24088	365181.12	3765002.39	0.38201
365199.56	3765013.05	0.32747	365213.70	3765024.72	0.30436
365230.90	3765035.79	0.28448	365251.39	3765048.08	0.27738
365188.50	3764992.56	0.32972	365206.32	3765003.01	0.28568
365220.46	3765010.18	0.25643	365232.75	3765018.99	0.24111
365245.65	3765028.20	0.23170	365255.90	3765037.42	0.23386
365199.06	3764978.46	0.27268	365216.88	3764987.68	0.23647
365233.07	3764999.56	0.21372	365245.97	3765007.55	0.19885
365262.73	3765019.54	0.18781	365098.52	3765213.71	19.96153
364952.40	3765239.62	2.25180	364969.85	3765251.25	2.36013
364984.90	3765261.17	2.45850	364963.00	3765226.96	3.33807
364981.82	3765239.27	3.65633	364996.88	3765249.88	3.83018
364971.22	3765213.27	5.27019	364978.06	3765201.98	8.37862
365019.46	3765265.28	4.05889	365038.28	3765267.33	5.32041
365051.63	3765249.54	10.60895	365028.02	3765224.22	18.41183

365013.30	3765211.90	20.51240	364996.19	3765199.92	17.77848
364988.33	3765220.80	6.76238	365008.86	3765232.43	8.17644
365011.93	3765281.70	2.52303	365032.12	3765287.18	3.07281

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 2) Construction HRA
 *** Santa Monica

*** 02/12/23
 *** 21:59:03
 *** PAGE 136

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
364936.66	3765244.06	1.71480	364947.95	3765226.61	2.61278	
364958.90	3765209.16	4.34526	364971.56	3765189.66	9.07752	
365038.97	3765238.25	13.29414	365047.52	3765216.01	31.89317	
365062.92	3765226.96	21.52528	365058.56	3765199.42	37.61058	
365075.66	3765210.71	26.40505	365068.39	3765185.90	39.53027	
365083.79	3765197.87	29.17112	365074.89	3765175.29	41.69732	MER/Student Receptor
365094.05	3765187.61	31.87745	365098.69	3765179.88	35.81070	
365105.12	3765172.20	37.72231	365111.73	3765161.66	39.49507	

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 2) Construction HRA
 *** AERMET - VERSION 16216 *** *** Santa Monica

*** 02/12/23
 *** 21:59:03
 *** PAGE 137

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID	AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
OFFSITE	1ST HIGHEST VALUE IS	17.03125 AT (	365147.77,	3765393.98,	51.53,	51.53,	0.00)	DC
	2ND HIGHEST VALUE IS	17.01365 AT (	365327.77,	3765493.98,	49.81,	49.81,	0.00)	DC
	3RD HIGHEST VALUE IS	16.59697 AT (	365287.77,	3765473.98,	49.38,	49.38,	0.00)	DC
	4TH HIGHEST VALUE IS	15.58653 AT (	365187.77,	3765413.98,	51.27,	51.27,	0.00)	DC
	5TH HIGHEST VALUE IS	15.53191 AT (	365107.77,	3765373.98,	50.54,	50.54,	0.00)	DC
	6TH HIGHEST VALUE IS	15.29227 AT (	365007.77,	3765313.98,	47.53,	47.53,	0.00)	DC
	7TH HIGHEST VALUE IS	15.28134 AT (	365247.77,	3765453.98,	49.51,	49.51,	0.00)	DC
	8TH HIGHEST VALUE IS	14.85638 AT (	364927.77,	3765273.98,	47.46,	47.46,	0.00)	DC
	9TH HIGHEST VALUE IS	14.22134 AT (	364807.77,	3765193.98,	47.19,	47.19,	0.00)	DC
	10TH HIGHEST VALUE IS	14.18243 AT (	364847.77,	3765193.98,	47.17,	47.17,	0.00)	DC
ONSITE	1ST HIGHEST VALUE IS	41.69732 AT (	365074.89,	3765175.29,	46.92,	46.92,	0.00)	DC
	2ND HIGHEST VALUE IS	39.53027 AT (	365068.39,	3765185.90,	47.08,	47.08,	0.00)	DC
	3RD HIGHEST VALUE IS	39.49507 AT (	365111.73,	3765161.66,	46.51,	46.51,	0.00)	DC
	4TH HIGHEST VALUE IS	37.72231 AT (	365105.12,	3765172.20,	46.61,	46.61,	0.00)	DC
	5TH HIGHEST VALUE IS	37.61058 AT (	365058.56,	3765199.42,	47.26,	47.26,	0.00)	DC
	6TH HIGHEST VALUE IS	35.81070 AT (	365098.69,	3765179.88,	46.59,	46.59,	0.00)	DC
	7TH HIGHEST VALUE IS	31.89317 AT (	365047.52,	3765216.01,	47.56,	47.56,	0.00)	DC
	8TH HIGHEST VALUE IS	31.87745 AT (	365094.05,	3765187.61,	46.64,	46.64,	0.00)	DC
	9TH HIGHEST VALUE IS	29.17112 AT (	365083.79,	3765197.87,	46.95,	46.95,	0.00)	DC
	10TH HIGHEST VALUE IS	29.01576 AT (	365127.77,	3765173.98,	46.04,	46.04,	0.00)	DC

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

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 2) Construction HRA
*** AERMET - VERSION 16216 *** *** Santa Monica

*** 02/12/23
*** 21:59:03
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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 799 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 455 Calm Hours Identified

A Total of 344 Missing Hours Identified (0.78 Percent)

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

***** WARNING MESSAGES *****
ME W186 1249 MEOPEN: THRESH_LMIN 1-min ASOS wind speed threshold used 0.50
ME W187 1249 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

Results Summary

SMM-08 (Phase 1) Construction HRA
 Santa Monica

Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		17.03125	ug/m^3	365147.77	3765393.98	51.53	0.00	51.53	

Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		41.69732	ug/m^3	365074.89	3765175.29	46.92	0.00	46.92	

Sensitive Receptor Summary

SMM-08 (Phase 1) Construction HRA
Santa Monica

Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		1.15180	ug/m^3		365098.52	3765213.71	46.58	0.00	46.58	
PERIOD		7.62049	ug/m^3	1166	364952.40	3765239.62	47.69	0.00	47.69	
PERIOD		8.07107	ug/m^3	1166	364969.85	3765251.25	47.55	0.00	47.55	
PERIOD		8.47220	ug/m^3	1166	364984.90	3765261.17	47.52	0.00	47.52	
PERIOD		4.61872	ug/m^3	1166	364963.00	3765226.96	47.93	0.00	47.93	
PERIOD		4.82693	ug/m^3	1166	364981.82	3765239.27	47.79	0.00	47.79	
PERIOD		5.08881	ug/m^3	1166	364996.88	3765249.88	47.72	0.00	47.72	
PERIOD		3.14520	ug/m^3	1166	364971.22	3765213.27	47.97	0.00	47.97	
PERIOD		2.40875	ug/m^3	1166	364978.06	3765201.98	47.95	0.00	47.95	
PERIOD		5.46611	ug/m^3	1166	365019.46	3765265.28	47.63	0.00	47.63	
PERIOD		4.46012	ug/m^3	1166	365038.28	3765267.33	47.65	0.00	47.65	
PERIOD		2.70826	ug/m^3	1166	365051.63	3765249.54	47.56	0.00	47.56	
PERIOD		2.20756	ug/m^3	1166	365028.02	3765224.22	47.83	0.00	47.83	
PERIOD		2.07301	ug/m^3	1166	365013.30	3765211.90	47.79	0.00	47.79	
PERIOD		1.99276	ug/m^3	1166	364996.19	3765199.92	47.87	0.00	47.87	
PERIOD		3.02829	ug/m^3	1166	364988.33	3765220.80	47.90	0.00	47.90	
PERIOD		3.03969	ug/m^3	1166	365008.86	3765232.43	47.84	0.00	47.84	
PERIOD		10.18436	ug/m^3	1166	365011.93	3765281.70	47.20	0.00	47.20	
PERIOD		8.37295	ug/m^3	1166	365032.12	3765287.18	47.60	0.00	47.60	
PERIOD		12.01019	ug/m^3	1166	364936.66	3765244.06	47.51	0.00	47.51	

Sensitive Receptor Summary

SMM-08 (Phase 1) Construction HRA
Santa Monica

Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		5.66283	ug/m^3	1166	364947.95	3765226.61	47.87	0.00	47.87	
PERIOD		3.31937	ug/m^3	1166	364958.90	3765209.16	48.04	0.00	48.04	
PERIOD		2.09815	ug/m^3	1166	364971.56	3765189.66	47.91	0.00	47.91	
PERIOD		2.51433	ug/m^3	1166	365038.97	3765238.25	47.75	0.00	47.75	
PERIOD		1.67943	ug/m^3	1166	365047.52	3765216.01	47.56	0.00	47.56	
PERIOD		1.73652	ug/m^3	1166	365062.92	3765226.96	47.30	0.00	47.30	
PERIOD		1.26068	ug/m^3	1166	365058.56	3765199.42	47.26	0.00	47.26	
PERIOD		1.28873	ug/m^3	1166	365075.66	3765210.71	46.95	0.00	46.95	
PERIOD		1.01969	ug/m^3	1166	365068.39	3765185.90	47.08	0.00	47.08	
PERIOD		1.05903	ug/m^3	1166	365083.79	3765197.87	46.95	0.00	46.95	
PERIOD		0.88133	ug/m^3	1166	365074.89	3765175.29	46.92	0.00	46.92	
PERIOD		0.89740	ug/m^3	1166	365094.05	3765187.61	46.64	0.00	46.64	
PERIOD		0.81185	ug/m^3	1166	365098.69	3765179.88	46.59	0.00	46.59	
PERIOD		0.73174	ug/m^3	1166	365105.12	3765172.20	46.61	0.00	46.61	
PERIOD		0.64624	ug/m^3	1166	365111.73	3765161.66	46.51	0.00	46.51	

Sensitive Receptor Summary

SMM-08 (Phase 1) Construction HRA
Santa Monica

Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		19.96153	ug/m^3		365098.52	3765213.71	46.58	0.00	46.58	
PERIOD		2.25180	ug/m^3	1166	364952.40	3765239.62	47.69	0.00	47.69	
PERIOD		2.36013	ug/m^3	1166	364969.85	3765251.25	47.55	0.00	47.55	
PERIOD		2.45850	ug/m^3	1166	364984.90	3765261.17	47.52	0.00	47.52	
PERIOD		3.33807	ug/m^3	1166	364963.00	3765226.96	47.93	0.00	47.93	
PERIOD		3.65633	ug/m^3	1166	364981.82	3765239.27	47.79	0.00	47.79	
PERIOD		3.83018	ug/m^3	1166	364996.88	3765249.88	47.72	0.00	47.72	
PERIOD		5.27019	ug/m^3	1166	364971.22	3765213.27	47.97	0.00	47.97	
PERIOD		8.37862	ug/m^3	1166	364978.06	3765201.98	47.95	0.00	47.95	
PERIOD		4.05889	ug/m^3	1166	365019.46	3765265.28	47.63	0.00	47.63	
PERIOD		5.32041	ug/m^3	1166	365038.28	3765267.33	47.65	0.00	47.65	
PERIOD		10.60895	ug/m^3	1166	365051.63	3765249.54	47.56	0.00	47.56	
PERIOD		18.41183	ug/m^3	1166	365028.02	3765224.22	47.83	0.00	47.83	
PERIOD		20.51240	ug/m^3	1166	365013.30	3765211.90	47.79	0.00	47.79	
PERIOD		17.77848	ug/m^3	1166	364996.19	3765199.92	47.87	0.00	47.87	
PERIOD		6.76238	ug/m^3	1166	364988.33	3765220.80	47.90	0.00	47.90	
PERIOD		8.17644	ug/m^3	1166	365008.86	3765232.43	47.84	0.00	47.84	
PERIOD		2.52303	ug/m^3	1166	365011.93	3765281.70	47.20	0.00	47.20	
PERIOD		3.07281	ug/m^3	1166	365032.12	3765287.18	47.60	0.00	47.60	
PERIOD		1.71480	ug/m^3	1166	364936.66	3765244.06	47.51	0.00	47.51	

Sensitive Receptor Summary

SMM-08 (Phase 1) Construction HRA
Santa Monica

Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.61278	ug/m^3	1166	364947.95	3765226.61	47.87	0.00	47.87	
PERIOD		4.34526	ug/m^3	1166	364958.90	3765209.16	48.04	0.00	48.04	
PERIOD		9.07752	ug/m^3	1166	364971.56	3765189.66	47.91	0.00	47.91	
PERIOD		13.29414	ug/m^3	1166	365038.97	3765238.25	47.75	0.00	47.75	
PERIOD		31.89317	ug/m^3	1166	365047.52	3765216.01	47.56	0.00	47.56	
PERIOD		21.52528	ug/m^3	1166	365062.92	3765226.96	47.30	0.00	47.30	
PERIOD		37.61058	ug/m^3	1166	365058.56	3765199.42	47.26	0.00	47.26	
PERIOD		26.40505	ug/m^3	1166	365075.66	3765210.71	46.95	0.00	46.95	
PERIOD		39.53027	ug/m^3	1166	365068.39	3765185.90	47.08	0.00	47.08	
PERIOD		29.17112	ug/m^3	1166	365083.79	3765197.87	46.95	0.00	46.95	
PERIOD		41.69732	ug/m^3	1166	365074.89	3765175.29	46.92	0.00	46.92	
PERIOD		31.87745	ug/m^3	1166	365094.05	3765187.61	46.64	0.00	46.64	
PERIOD		35.81070	ug/m^3	1166	365098.69	3765179.88	46.59	0.00	46.59	
PERIOD		37.72231	ug/m^3	1166	365105.12	3765172.20	46.61	0.00	46.61	
PERIOD		39.49507	ug/m^3	1166	365111.73	3765161.66	46.51	0.00	46.51	

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 3) Construction HRA
*** AERMET - VERSION 16216 *** *** Santa Monica

*** 02/13/23
*** 07:58:10
 PAGE 1

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** MODEL SETUP OPTIONS SUMMARY ***

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

 -- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 81 Source(s),
 for Total of 1 Urban Area(s):

 Urban Population = 9830000.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

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

**Other Options Specified:

 ADJ_U* - Use ADJ_U* option for SBL in AERMET

 CCVR_Sub - Meteorological data includes CCVR substitutions

 TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes: 81 Source(s); 2 Source Group(s); and 1251 Receptor(s)

 with: 0 POINT(s), including
 0 POINTCAP(s) and 0 POINTHOR(s)
 and: 79 VOLUME source(s)
 and: 2 AREA type source(s)
 and: 0 LINE source(s)
 and: 0 RLINE/RLINEXT source(s)
 and: 0 OPENPIT source(s)
 and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of 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) = 53.00 ; 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: SMM-08 Phase 1.err

**File for Summary of Results: SMM-08 Phase 1.sum

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 3) Construction HRA
 *** Santa Monica

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*
 *** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.12658E-01	364654.8	3765078.5	45.9	4.15	4.85	3.26	YES	HRDOW
L0000002	0	0.12658E-01	364663.5	3765084.3	46.0	4.15	4.85	3.26	YES	HRDOW
L0000003	0	0.12658E-01	364672.1	3765090.2	46.3	4.15	4.85	3.26	YES	HRDOW
L0000004	0	0.12658E-01	364680.7	3765096.0	46.5	4.15	4.85	3.26	YES	HRDOW
L0000005	0	0.12658E-01	364689.4	3765101.9	46.8	4.15	4.85	3.26	YES	HRDOW
L0000006	0	0.12658E-01	364698.0	3765107.7	47.0	4.15	4.85	3.26	YES	HRDOW
L0000007	0	0.12658E-01	364706.6	3765113.6	47.1	4.15	4.85	3.26	YES	HRDOW
L0000008	0	0.12658E-01	364715.3	3765119.4	47.3	4.15	4.85	3.26	YES	HRDOW
L0000009	0	0.12658E-01	364723.9	3765125.3	47.5	4.15	4.85	3.26	YES	HRDOW
L0000010	0	0.12658E-01	364732.5	3765131.1	47.6	4.15	4.85	3.26	YES	HRDOW
L0000011	0	0.12658E-01	364741.2	3765137.0	47.5	4.15	4.85	3.26	YES	HRDOW
L0000012	0	0.12658E-01	364749.8	3765142.8	47.4	4.15	4.85	3.26	YES	HRDOW
L0000013	0	0.12658E-01	364758.4	3765148.7	47.2	4.15	4.85	3.26	YES	HRDOW
L0000014	0	0.12658E-01	364767.1	3765154.5	47.0	4.15	4.85	3.26	YES	HRDOW
L0000015	0	0.12658E-01	364775.7	3765160.4	46.9	4.15	4.85	3.26	YES	HRDOW
L0000016	0	0.12658E-01	364784.3	3765166.2	46.7	4.15	4.85	3.26	YES	HRDOW
L0000017	0	0.12658E-01	364793.0	3765172.1	46.5	4.15	4.85	3.26	YES	HRDOW
L0000018	0	0.12658E-01	364801.6	3765177.9	46.6	4.15	4.85	3.26	YES	HRDOW
L0000019	0	0.12658E-01	364810.2	3765183.8	46.8	4.15	4.85	3.26	YES	HRDOW
L0000020	0	0.12658E-01	364818.9	3765189.6	47.1	4.15	4.85	3.26	YES	HRDOW
L0000021	0	0.12658E-01	364827.5	3765195.5	47.4	4.15	4.85	3.26	YES	HRDOW
L0000022	0	0.12658E-01	364836.2	3765201.3	47.4	4.15	4.85	3.26	YES	HRDOW
L0000023	0	0.12658E-01	364844.8	3765207.2	47.6	4.15	4.85	3.26	YES	HRDOW
L0000024	0	0.12658E-01	364853.4	3765213.0	48.0	4.15	4.85	3.26	YES	HRDOW
L0000025	0	0.12658E-01	364862.1	3765218.9	48.1	4.15	4.85	3.26	YES	HRDOW
L0000026	0	0.12658E-01	364870.7	3765224.7	48.1	4.15	4.85	3.26	YES	HRDOW
L0000027	0	0.12658E-01	364879.3	3765230.6	48.0	4.15	4.85	3.26	YES	HRDOW
L0000028	0	0.12658E-01	364888.4	3765235.7	47.9	4.15	4.85	3.26	YES	HRDOW
L0000029	0	0.12658E-01	364897.5	3765240.8	47.8	4.15	4.85	3.26	YES	HRDOW
L0000030	0	0.12658E-01	364906.6	3765245.9	47.7	4.15	4.85	3.26	YES	HRDOW
L0000031	0	0.12658E-01	364915.7	3765251.0	47.6	4.15	4.85	3.26	YES	HRDOW
L0000032	0	0.12658E-01	364924.8	3765256.0	47.4	4.15	4.85	3.26	YES	HRDOW
L0000033	0	0.12658E-01	364933.9	3765261.1	47.3	4.15	4.85	3.26	YES	HRDOW
L0000034	0	0.12658E-01	364943.0	3765266.2	47.3	4.15	4.85	3.26	YES	HRDOW
L0000035	0	0.12658E-01	364952.1	3765271.3	47.3	4.15	4.85	3.26	YES	HRDOW
L0000036	0	0.12658E-01	364961.3	3765276.4	47.3	4.15	4.85	3.26	YES	HRDOW
L0000037	0	0.12658E-01	364970.4	3765281.5	47.3	4.15	4.85	3.26	YES	HRDOW
L0000038	0	0.12658E-01	364979.5	3765286.6	47.2	4.15	4.85	3.26	YES	HRDOW
L0000039	0	0.12658E-01	364988.6	3765291.7	47.0	4.15	4.85	3.26	YES	HRDOW
L0000040	0	0.12658E-01	364997.7	3765296.7	47.0	4.15	4.85	3.26	YES	HRDOW

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 *** AERMET - VERSION 16216 *** *** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000041	0	0.12658E-01	365006.8	3765301.8	47.1	4.15	4.85	3.26	YES	HRDOW
L0000042	0	0.12658E-01	365015.9	3765306.9	47.4	4.15	4.85	3.26	YES	HRDOW
L0000043	0	0.12658E-01	365025.0	3765312.0	47.5	4.15	4.85	3.26	YES	HRDOW
L0000044	0	0.12658E-01	365034.1	3765317.1	47.5	4.15	4.85	3.26	YES	HRDOW
L0000045	0	0.12658E-01	365043.2	3765322.2	47.6	4.15	4.85	3.26	YES	HRDOW
L0000046	0	0.12658E-01	365052.3	3765327.3	47.7	4.15	4.85	3.26	YES	HRDOW
L0000047	0	0.12658E-01	365061.4	3765332.4	48.0	4.15	4.85	3.26	YES	HRDOW
L0000048	0	0.12658E-01	365070.5	3765337.4	48.3	4.15	4.85	3.26	YES	HRDOW
L0000049	0	0.12658E-01	365079.6	3765342.5	48.7	4.15	4.85	3.26	YES	HRDOW
L0000050	0	0.12658E-01	365088.7	3765347.6	49.0	4.15	4.85	3.26	YES	HRDOW
L0000051	0	0.12658E-01	365097.8	3765352.7	49.2	4.15	4.85	3.26	YES	HRDOW
L0000052	0	0.12658E-01	365106.9	3765357.8	49.6	4.15	4.85	3.26	YES	HRDOW
L0000053	0	0.12658E-01	365116.0	3765362.9	50.2	4.15	4.85	3.26	YES	HRDOW
L0000054	0	0.12658E-01	365125.1	3765368.0	50.8	4.15	4.85	3.26	YES	HRDOW
L0000055	0	0.12658E-01	365134.2	3765373.1	51.5	4.15	4.85	3.26	YES	HRDOW
L0000056	0	0.12658E-01	365143.3	3765378.1	51.5	4.15	4.85	3.26	YES	HRDOW
L0000057	0	0.12658E-01	365152.5	3765383.2	51.2	4.15	4.85	3.26	YES	HRDOW
L0000058	0	0.12658E-01	365161.6	3765388.3	50.9	4.15	4.85	3.26	YES	HRDOW
L0000059	0	0.12658E-01	365170.7	3765393.4	51.0	4.15	4.85	3.26	YES	HRDOW
L0000060	0	0.12658E-01	365179.8	3765398.4	51.1	4.00	4.85	3.26	YES	HRDOW
L0000061	0	0.12658E-01	365189.0	3765403.4	51.1	3.80	4.85	3.26	YES	HRDOW
L0000062	0	0.12658E-01	365198.2	3765408.4	50.7	3.60	4.85	3.26	YES	HRDOW
L0000063	0	0.12658E-01	365207.3	3765413.3	50.3	3.39	4.85	3.26	YES	HRDOW
L0000064	0	0.12658E-01	365216.5	3765418.3	50.0	3.19	4.85	3.26	YES	HRDOW
L0000065	0	0.12658E-01	365225.7	3765423.3	49.8	2.99	4.85	3.26	YES	HRDOW
L0000066	0	0.12658E-01	365234.8	3765428.3	49.7	2.79	4.85	3.26	YES	HRDOW
L0000067	0	0.12658E-01	365244.0	3765433.2	49.5	2.59	4.85	3.26	YES	HRDOW
L0000068	0	0.12658E-01	365253.2	3765438.2	49.3	2.38	4.85	3.26	YES	HRDOW
L0000069	0	0.12658E-01	365262.3	3765443.2	49.0	2.18	4.85	3.26	YES	HRDOW
L0000070	0	0.12658E-01	365271.5	3765448.2	49.0	1.98	4.85	3.26	YES	HRDOW
L0000071	0	0.12658E-01	365280.7	3765453.1	49.0	1.78	4.85	3.26	YES	HRDOW
L0000072	0	0.12658E-01	365289.8	3765458.1	49.1	1.58	4.85	3.26	YES	HRDOW
L0000073	0	0.12658E-01	365299.0	3765463.1	49.2	1.38	4.85	3.26	YES	HRDOW
L0000074	0	0.12658E-01	365308.2	3765468.0	49.2	1.17	4.85	3.26	YES	HRDOW
L0000075	0	0.12658E-01	365317.3	3765473.0	49.2	0.97	4.85	3.26	YES	HRDOW
L0000076	0	0.12658E-01	365326.5	3765478.0	49.4	0.77	4.85	3.26	YES	HRDOW
L0000077	0	0.12658E-01	365335.7	3765483.0	49.6	0.57	4.85	3.26	YES	HRDOW
L0000078	0	0.12658E-01	365344.8	3765487.9	49.7	0.37	4.85	3.26	YES	HRDOW
L0000079	0	0.12658E-01	365354.0	3765492.9	49.7	0.16	4.85	3.26	YES	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
1	0	0.45165E-03	365089.4	3765179.4	46.8	4.15	4	1.93	YES	HRDOW
2	0	0.45178E-03	364976.4	3765178.8	47.8	4.15	4	1.93	YES	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs															
-----	-----															
OFFSITE	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	,		
ONSITE	1	,	2	,												

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs															
-----	-----	-----															
L0000008	9830000.	L0000001	,	L0000002	,	L0000003	,	L0000004	,	L0000005	,	L0000006	,	L0000007	,		
	,	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	,	1	,
	2	,															

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000001 TO L0000079 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 3) Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = 1 ; SOURCE TYPE = AREAPOLY :

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

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 3) Construction HRA
 *** AERMET - VERSION 16216 *** *** Santa Monica

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = 2 ; SOURCE TYPE = AREAPOLY :

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

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/13/23
*** 07:58:10

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

(364887.8, 3764714.0,	43.4,	43.4,	0.0);	(364907.8, 3764714.0,	43.1,	43.1,	0.0);
(364927.8, 3764714.0,	42.4,	42.4,	0.0);	(364947.8, 3764714.0,	41.5,	41.5,	0.0);
(364967.8, 3764714.0,	41.7,	41.7,	0.0);	(364987.8, 3764714.0,	41.7,	41.7,	0.0);
(365007.8, 3764714.0,	41.7,	41.7,	0.0);	(365027.8, 3764714.0,	41.8,	41.8,	0.0);
(365067.8, 3764714.0,	42.0,	42.0,	0.0);	(365087.8, 3764714.0,	42.0,	42.0,	0.0);
(365107.8, 3764714.0,	42.1,	42.1,	0.0);	(365127.8, 3764714.0,	42.3,	42.3,	0.0);
(365147.8, 3764714.0,	41.8,	41.8,	0.0);	(365167.8, 3764714.0,	41.8,	41.8,	0.0);
(365187.8, 3764714.0,	41.9,	41.9,	0.0);	(365207.8, 3764714.0,	42.2,	42.2,	0.0);
(365287.8, 3764714.0,	43.1,	43.1,	0.0);	(365307.8, 3764714.0,	43.4,	43.4,	0.0);
(365327.8, 3764714.0,	43.7,	43.7,	0.0);	(365347.8, 3764714.0,	44.0,	44.0,	0.0);
(364907.8, 3764734.0,	43.3,	43.3,	0.0);	(364927.8, 3764734.0,	42.8,	42.8,	0.0);
(364947.8, 3764734.0,	41.8,	41.8,	0.0);	(364967.8, 3764734.0,	42.5,	42.5,	0.0);
(364987.8, 3764734.0,	42.3,	42.3,	0.0);	(365007.8, 3764734.0,	42.0,	42.0,	0.0);
(365027.8, 3764734.0,	42.2,	42.2,	0.0);	(365047.8, 3764734.0,	42.8,	42.8,	0.0);
(365107.8, 3764734.0,	42.4,	42.4,	0.0);	(365127.8, 3764734.0,	42.8,	42.8,	0.0);
(365147.8, 3764734.0,	42.4,	42.4,	0.0);	(365167.8, 3764734.0,	42.1,	42.1,	0.0);
(365187.8, 3764734.0,	42.1,	42.1,	0.0);	(365207.8, 3764734.0,	42.4,	42.4,	0.0);
(365227.8, 3764734.0,	42.9,	42.9,	0.0);	(365247.8, 3764734.0,	43.3,	43.3,	0.0);
(365327.8, 3764734.0,	43.8,	43.8,	0.0);	(365347.8, 3764734.0,	44.0,	44.0,	0.0);
(365367.8, 3764734.0,	44.0,	44.0,	0.0);	(364887.8, 3764754.0,	43.3,	43.3,	0.0);
(364947.8, 3764754.0,	42.7,	42.7,	0.0);	(364967.8, 3764754.0,	43.1,	43.1,	0.0);
(364987.8, 3764754.0,	43.0,	43.0,	0.0);	(365007.8, 3764754.0,	42.9,	42.9,	0.0);
(365027.8, 3764754.0,	42.9,	42.9,	0.0);	(365067.8, 3764754.0,	43.0,	43.0,	0.0);
(365087.8, 3764754.0,	43.0,	43.0,	0.0);	(365127.8, 3764754.0,	42.7,	42.7,	0.0);
(365147.8, 3764754.0,	42.6,	42.6,	0.0);	(365167.8, 3764754.0,	42.6,	42.6,	0.0);
(365187.8, 3764754.0,	42.7,	42.7,	0.0);	(365207.8, 3764754.0,	42.9,	42.9,	0.0);
(365227.8, 3764754.0,	43.3,	43.3,	0.0);	(365247.8, 3764754.0,	43.8,	43.8,	0.0);
(365267.8, 3764754.0,	43.9,	43.9,	0.0);	(365347.8, 3764754.0,	44.1,	44.1,	0.0);
(365367.8, 3764754.0,	44.1,	44.1,	0.0);	(365387.8, 3764754.0,	43.9,	43.9,	0.0);
(365407.8, 3764754.0,	43.5,	43.5,	0.0);	(364827.8, 3764774.0,	44.0,	44.0,	0.0);
(364847.8, 3764774.0,	43.6,	43.6,	0.0);	(364867.8, 3764774.0,	43.1,	43.1,	0.0);
(364887.8, 3764774.0,	43.1,	43.1,	0.0);	(364907.8, 3764774.0,	43.2,	43.2,	0.0);
(364967.8, 3764774.0,	43.5,	43.5,	0.0);	(364987.8, 3764774.0,	43.6,	43.6,	0.0);
(365007.8, 3764774.0,	43.6,	43.6,	0.0);	(365027.8, 3764774.0,	43.5,	43.5,	0.0);
(365067.8, 3764774.0,	43.4,	43.4,	0.0);	(365087.8, 3764774.0,	43.6,	43.6,	0.0);
(365107.8, 3764774.0,	43.4,	43.4,	0.0);	(365167.8, 3764774.0,	43.0,	43.0,	0.0);
(365187.8, 3764774.0,	43.1,	43.1,	0.0);	(365207.8, 3764774.0,	43.3,	43.3,	0.0);
(365227.8, 3764774.0,	43.7,	43.7,	0.0);	(365247.8, 3764774.0,	44.3,	44.3,	0.0);
(365267.8, 3764774.0,	44.5,	44.5,	0.0);	(365287.8, 3764774.0,	44.4,	44.4,	0.0);
(365307.8, 3764774.0,	44.3,	44.3,	0.0);	(365387.8, 3764774.0,	43.8,	43.8,	0.0);
(365407.8, 3764774.0,	43.4,	43.4,	0.0);	(365427.8, 3764774.0,	43.0,	43.0,	0.0);
(364807.8, 3764794.0,	44.2,	44.2,	0.0);	(364827.8, 3764794.0,	43.8,	43.8,	0.0);
(364847.8, 3764794.0,	43.1,	43.1,	0.0);	(364867.8, 3764794.0,	42.9,	42.9,	0.0);
(364887.8, 3764794.0,	42.8,	42.8,	0.0);	(364947.8, 3764794.0,	43.6,	43.6,	0.0);
(365007.8, 3764794.0,	43.7,	43.7,	0.0);	(365027.8, 3764794.0,	43.7,	43.7,	0.0);

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 3) Construction HRA   ***   02/13/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   ***   07:58:10
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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(365067.8, 3764794.0, 43.6, 43.6, 0.0);	(365087.8, 3764794.0, 43.8, 43.8, 0.0);
(365107.8, 3764794.0, 43.9, 43.9, 0.0);	(365127.8, 3764794.0, 44.0, 44.0, 0.0);
(365147.8, 3764794.0, 43.7, 43.7, 0.0);	(365187.8, 3764794.0, 43.3, 43.3, 0.0);
(365207.8, 3764794.0, 43.8, 43.8, 0.0);	(365227.8, 3764794.0, 44.3, 44.3, 0.0);
(365247.8, 3764794.0, 44.8, 44.8, 0.0);	(365267.8, 3764794.0, 44.9, 44.9, 0.0);
(365287.8, 3764794.0, 44.9, 44.9, 0.0);	(365307.8, 3764794.0, 45.0, 45.0, 0.0);
(365327.8, 3764794.0, 44.6, 44.6, 0.0);	(365407.8, 3764794.0, 43.4, 43.4, 0.0);
(365427.8, 3764794.0, 43.0, 43.0, 0.0);	(365447.8, 3764794.0, 42.7, 42.7, 0.0);
(365467.8, 3764794.0, 42.5, 42.5, 0.0);	(364787.8, 3764814.0, 44.3, 44.3, 0.0);
(364807.8, 3764814.0, 44.0, 44.0, 0.0);	(364827.8, 3764814.0, 43.4, 43.4, 0.0);
(364847.8, 3764814.0, 42.8, 42.8, 0.0);	(364867.8, 3764814.0, 42.8, 42.8, 0.0);
(364927.8, 3764814.0, 43.4, 43.4, 0.0);	(364947.8, 3764814.0, 43.8, 43.8, 0.0);
(364967.8, 3764814.0, 43.9, 43.9, 0.0);	(365047.8, 3764814.0, 43.8, 43.8, 0.0);
(365067.8, 3764814.0, 43.9, 43.9, 0.0);	(365087.8, 3764814.0, 44.1, 44.1, 0.0);
(365107.8, 3764814.0, 44.2, 44.2, 0.0);	(365127.8, 3764814.0, 44.2, 44.2, 0.0);
(365147.8, 3764814.0, 44.1, 44.1, 0.0);	(365167.8, 3764814.0, 43.9, 43.9, 0.0);
(365227.8, 3764814.0, 44.1, 44.1, 0.0);	(365247.8, 3764814.0, 44.8, 44.8, 0.0);
(365267.8, 3764814.0, 45.1, 45.1, 0.0);	(365287.8, 3764814.0, 45.0, 45.0, 0.0);
(365307.8, 3764814.0, 44.8, 44.8, 0.0);	(365327.8, 3764814.0, 44.4, 44.4, 0.0);
(365347.8, 3764814.0, 44.1, 44.1, 0.0);	(365367.8, 3764814.0, 43.8, 43.8, 0.0);
(365447.8, 3764814.0, 42.9, 42.9, 0.0);	(365467.8, 3764814.0, 42.7, 42.7, 0.0);
(364787.8, 3764834.0, 44.3, 44.3, 0.0);	(364807.8, 3764834.0, 43.8, 43.8, 0.0);
(364827.8, 3764834.0, 43.1, 43.1, 0.0);	(364847.8, 3764834.0, 42.7, 42.7, 0.0);
(364867.8, 3764834.0, 42.8, 42.8, 0.0);	(364927.8, 3764834.0, 43.6, 43.6, 0.0);
(364967.8, 3764834.0, 44.3, 44.3, 0.0);	(364985.5, 3764826.9, 44.2, 44.2, 0.0);
(365067.8, 3764834.0, 44.1, 44.1, 0.0);	(365087.8, 3764834.0, 44.3, 44.3, 0.0);
(365107.8, 3764834.0, 44.4, 44.4, 0.0);	(365127.8, 3764834.0, 44.3, 44.3, 0.0);
(365147.8, 3764834.0, 44.5, 44.5, 0.0);	(365167.8, 3764834.0, 44.3, 44.3, 0.0);
(365187.8, 3764834.0, 44.2, 44.2, 0.0);	(365247.8, 3764834.0, 44.8, 44.8, 0.0);
(365267.8, 3764834.0, 45.0, 45.0, 0.0);	(365287.8, 3764834.0, 44.9, 44.9, 0.0);
(365307.8, 3764834.0, 44.6, 44.6, 0.0);	(365327.8, 3764834.0, 44.2, 44.2, 0.0);
(365347.8, 3764834.0, 43.8, 43.8, 0.0);	(365367.8, 3764834.0, 43.5, 43.5, 0.0);
(365387.8, 3764834.0, 43.4, 43.4, 0.0);	(364767.8, 3764854.0, 44.4, 44.4, 0.0);
(364787.8, 3764854.0, 44.0, 44.0, 0.0);	(364807.8, 3764854.0, 43.5, 43.5, 0.0);
(364827.8, 3764854.0, 43.1, 43.1, 0.0);	(364847.8, 3764854.0, 42.9, 42.9, 0.0);
(364907.8, 3764854.0, 43.8, 43.8, 0.0);	(364927.8, 3764854.0, 44.2, 44.2, 0.0);
(364947.8, 3764854.0, 44.3, 44.3, 0.0);	(364985.5, 3764846.9, 44.3, 44.3, 0.0);
(365027.8, 3764854.0, 44.1, 44.1, 0.0);	(365087.8, 3764854.0, 44.2, 44.2, 0.0);
(365107.8, 3764854.0, 44.4, 44.4, 0.0);	(365167.8, 3764854.0, 44.6, 44.6, 0.0);
(365187.8, 3764854.0, 44.6, 44.6, 0.0);	(365207.8, 3764854.0, 44.6, 44.6, 0.0);
(365227.8, 3764854.0, 44.8, 44.8, 0.0);	(365287.8, 3764854.0, 44.5, 44.5, 0.0);
(365307.8, 3764854.0, 44.4, 44.4, 0.0);	(365327.8, 3764854.0, 43.8, 43.8, 0.0);
(365347.8, 3764854.0, 43.3, 43.3, 0.0);	(365367.8, 3764854.0, 43.1, 43.1, 0.0);
(365387.8, 3764854.0, 43.0, 43.0, 0.0);	(365407.8, 3764854.0, 43.1, 43.1, 0.0);
(365427.8, 3764854.0, 43.2, 43.2, 0.0);	(364747.8, 3764874.0, 44.4, 44.4, 0.0);

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/13/23
*** 07:58:10

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

(364767.8, 3764874.0,	44.1,	44.1,	0.0);	(364787.8, 3764874.0,	43.8,	43.8,	0.0);
(364807.8, 3764874.0,	43.5,	43.5,	0.0);	(364827.8, 3764874.0,	43.2,	43.2,	0.0);
(364887.8, 3764874.0,	43.9,	43.9,	0.0);	(364907.8, 3764874.0,	44.3,	44.3,	0.0);
(364947.8, 3764874.0,	44.5,	44.5,	0.0);	(364967.8, 3764874.0,	44.5,	44.5,	0.0);
(365011.8, 3764867.7,	44.2,	44.2,	0.0);	(365060.3, 3764876.1,	44.2,	44.2,	0.0);
(365167.8, 3764874.0,	44.6,	44.6,	0.0);	(365187.8, 3764874.0,	44.5,	44.5,	0.0);
(365207.8, 3764874.0,	44.5,	44.5,	0.0);	(365227.8, 3764874.0,	44.7,	44.7,	0.0);
(365247.8, 3764874.0,	44.7,	44.7,	0.0);	(365307.8, 3764874.0,	43.9,	43.9,	0.0);
(365327.8, 3764874.0,	43.6,	43.6,	0.0);	(365347.8, 3764874.0,	43.2,	43.2,	0.0);
(365367.8, 3764874.0,	43.0,	43.0,	0.0);	(365387.8, 3764874.0,	42.9,	42.9,	0.0);
(365407.8, 3764874.0,	42.8,	42.8,	0.0);	(365427.8, 3764874.0,	42.8,	42.8,	0.0);
(364747.8, 3764894.0,	44.3,	44.3,	0.0);	(364767.8, 3764894.0,	43.4,	43.4,	0.0);
(364787.8, 3764894.0,	43.7,	43.7,	0.0);	(364807.8, 3764894.0,	43.7,	43.7,	0.0);
(364827.8, 3764894.0,	43.5,	43.5,	0.0);	(364887.8, 3764894.0,	44.5,	44.5,	0.0);
(364907.8, 3764894.0,	44.8,	44.8,	0.0);	(364927.8, 3764894.0,	44.8,	44.8,	0.0);
(364947.8, 3764894.0,	44.5,	44.5,	0.0);	(365007.8, 3764894.0,	44.4,	44.4,	0.0);
(365025.5, 3764901.5,	44.1,	44.1,	0.0);	(365047.8, 3764894.0,	44.3,	44.3,	0.0);
(365067.8, 3764894.0,	44.4,	44.4,	0.0);	(365087.8, 3764894.0,	44.3,	44.3,	0.0);
(365147.8, 3764894.0,	44.5,	44.5,	0.0);	(365167.8, 3764894.0,	44.6,	44.6,	0.0);
(365187.8, 3764894.0,	44.5,	44.5,	0.0);	(365207.8, 3764894.0,	44.4,	44.4,	0.0);
(365227.8, 3764894.0,	44.5,	44.5,	0.0);	(365247.8, 3764894.0,	44.5,	44.5,	0.0);
(365267.8, 3764894.0,	44.3,	44.3,	0.0);	(365347.8, 3764894.0,	43.1,	43.1,	0.0);
(365367.8, 3764894.0,	42.9,	42.9,	0.0);	(365387.8, 3764894.0,	42.9,	42.9,	0.0);
(365407.8, 3764894.0,	42.7,	42.7,	0.0);	(364727.8, 3764914.0,	44.4,	44.4,	0.0);
(364747.8, 3764914.0,	44.0,	44.0,	0.0);	(364767.8, 3764914.0,	43.5,	43.5,	0.0);
(364787.8, 3764914.0,	43.8,	43.8,	0.0);	(364807.8, 3764914.0,	43.8,	43.8,	0.0);
(364867.8, 3764914.0,	44.8,	44.8,	0.0);	(364887.8, 3764914.0,	45.0,	45.0,	0.0);
(364907.8, 3764914.0,	45.0,	45.0,	0.0);	(364927.8, 3764914.0,	44.7,	44.7,	0.0);
(364987.8, 3764914.0,	44.2,	44.2,	0.0);	(365007.8, 3764914.0,	44.2,	44.2,	0.0);
(365027.8, 3764914.0,	44.0,	44.0,	0.0);	(365047.8, 3764914.0,	44.2,	44.2,	0.0);
(365121.3, 3764918.1,	44.7,	44.7,	0.0);	(365187.8, 3764914.0,	44.6,	44.6,	0.0);
(365207.8, 3764914.0,	44.7,	44.7,	0.0);	(365227.8, 3764914.0,	44.4,	44.4,	0.0);
(365247.8, 3764914.0,	44.0,	44.0,	0.0);	(365267.8, 3764914.0,	43.9,	43.9,	0.0);
(365287.8, 3764914.0,	43.8,	43.8,	0.0);	(365307.8, 3764914.0,	43.2,	43.2,	0.0);
(365367.8, 3764914.0,	42.9,	42.9,	0.0);	(365387.8, 3764914.0,	43.0,	43.0,	0.0);
(364727.8, 3764934.0,	44.3,	44.3,	0.0);	(364747.8, 3764934.0,	43.8,	43.8,	0.0);
(364767.8, 3764934.0,	43.7,	43.7,	0.0);	(364787.8, 3764934.0,	43.9,	43.9,	0.0);
(364847.8, 3764934.0,	45.0,	45.0,	0.0);	(364867.8, 3764934.0,	45.3,	45.3,	0.0);
(364887.8, 3764934.0,	45.2,	45.2,	0.0);	(364907.8, 3764934.0,	45.0,	45.0,	0.0);
(364987.8, 3764934.0,	44.0,	44.0,	0.0);	(365007.8, 3764934.0,	44.0,	44.0,	0.0);
(365027.8, 3764934.0,	44.0,	44.0,	0.0);	(365047.8, 3764934.0,	44.3,	44.3,	0.0);
(365107.8, 3764934.0,	44.9,	44.9,	0.0);	(365127.8, 3764934.0,	45.0,	45.0,	0.0);
(365147.8, 3764934.0,	44.9,	44.9,	0.0);	(365207.8, 3764934.0,	44.7,	44.7,	0.0);
(365227.8, 3764934.0,	44.6,	44.6,	0.0);	(365247.8, 3764934.0,	44.3,	44.3,	0.0);
(365267.8, 3764934.0,	44.1,	44.1,	0.0);	(365287.8, 3764934.0,	43.8,	43.8,	0.0);

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 3) Construction HRA   ***   02/13/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   ***   07:58:10
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

(365307.8, 3764934.0, 43.2, 43.2, 0.0);	(365327.8, 3764934.0, 43.2, 43.2, 0.0);
(364707.8, 3764954.0, 44.6, 44.6, 0.0);	(364727.8, 3764954.0, 44.2, 44.2, 0.0);
(364747.8, 3764954.0, 43.8, 43.8, 0.0);	(364767.8, 3764954.0, 44.0, 44.0, 0.0);
(364787.8, 3764954.0, 44.3, 44.3, 0.0);	(364847.8, 3764954.0, 45.7, 45.7, 0.0);
(364867.8, 3764954.0, 45.6, 45.6, 0.0);	(364887.8, 3764954.0, 45.3, 45.3, 0.0);
(364907.8, 3764954.0, 44.9, 44.9, 0.0);	(364967.8, 3764954.0, 44.0, 44.0, 0.0);
(364987.8, 3764954.0, 43.8, 43.8, 0.0);	(365027.8, 3764954.0, 44.3, 44.3, 0.0);
(365087.8, 3764954.0, 45.0, 45.0, 0.0);	(365107.8, 3764954.0, 45.3, 45.3, 0.0);
(365127.8, 3764954.0, 45.4, 45.4, 0.0);	(365147.8, 3764954.0, 45.3, 45.3, 0.0);
(365167.8, 3764954.0, 45.1, 45.1, 0.0);	(365247.8, 3764954.0, 44.6, 44.6, 0.0);
(365267.8, 3764954.0, 44.4, 44.4, 0.0);	(365287.8, 3764954.0, 44.1, 44.1, 0.0);
(365307.8, 3764954.0, 43.4, 43.4, 0.0);	(365327.8, 3764954.0, 43.3, 43.3, 0.0);
(365347.8, 3764954.0, 43.3, 43.3, 0.0);	(365367.8, 3764954.0, 43.2, 43.2, 0.0);
(364687.8, 3764974.0, 44.8, 44.8, 0.0);	(364707.8, 3764974.0, 44.5, 44.5, 0.0);
(364727.8, 3764974.0, 44.3, 44.3, 0.0);	(364747.8, 3764974.0, 44.3, 44.3, 0.0);
(364767.8, 3764974.0, 44.6, 44.6, 0.0);	(364827.8, 3764974.0, 45.6, 45.6, 0.0);
(364847.8, 3764974.0, 45.9, 45.9, 0.0);	(364867.8, 3764974.0, 45.7, 45.7, 0.0);
(364887.8, 3764974.0, 45.2, 45.2, 0.0);	(364907.8, 3764974.0, 44.7, 44.7, 0.0);
(364947.8, 3764974.0, 43.8, 43.8, 0.0);	(364967.8, 3764974.0, 43.7, 43.7, 0.0);
(365007.8, 3764974.0, 44.1, 44.1, 0.0);	(365027.8, 3764974.0, 44.5, 44.5, 0.0);
(365067.8, 3764974.0, 45.0, 45.0, 0.0);	(365087.8, 3764974.0, 45.4, 45.4, 0.0);
(365107.8, 3764974.0, 45.6, 45.6, 0.0);	(365127.8, 3764974.0, 45.9, 45.9, 0.0);
(365147.8, 3764974.0, 45.4, 45.4, 0.0);	(365167.8, 3764974.0, 45.0, 45.0, 0.0);
(365267.8, 3764974.0, 44.8, 44.8, 0.0);	(365287.8, 3764974.0, 44.8, 44.8, 0.0);
(365307.8, 3764974.0, 44.2, 44.2, 0.0);	(365327.8, 3764974.0, 43.7, 43.7, 0.0);
(365347.8, 3764974.0, 43.5, 43.5, 0.0);	(364667.8, 3764994.0, 44.8, 44.8, 0.0);
(364687.8, 3764994.0, 44.7, 44.7, 0.0);	(364707.8, 3764994.0, 44.5, 44.5, 0.0);
(364727.8, 3764994.0, 44.6, 44.6, 0.0);	(364747.8, 3764994.0, 44.9, 44.9, 0.0);
(364807.8, 3764994.0, 45.7, 45.7, 0.0);	(364827.8, 3764994.0, 45.9, 45.9, 0.0);
(364847.8, 3764994.0, 46.0, 46.0, 0.0);	(364867.8, 3764994.0, 45.6, 45.6, 0.0);
(364887.8, 3764994.0, 45.1, 45.1, 0.0);	(364927.8, 3764994.0, 44.0, 44.0, 0.0);
(364947.8, 3764994.0, 43.7, 43.7, 0.0);	(364987.8, 3764994.0, 43.9, 43.9, 0.0);
(365007.8, 3764994.0, 44.3, 44.3, 0.0);	(365067.8, 3764994.0, 45.4, 45.4, 0.0);
(365087.8, 3764994.0, 45.7, 45.7, 0.0);	(365107.8, 3764994.0, 45.8, 45.8, 0.0);
(365127.8, 3764994.0, 45.9, 45.9, 0.0);	(365147.8, 3764994.0, 45.3, 45.3, 0.0);
(365307.8, 3764994.0, 44.7, 44.7, 0.0);	(365327.8, 3764994.0, 44.3, 44.3, 0.0);
(365347.8, 3764994.0, 44.1, 44.1, 0.0);	(364667.8, 3765014.0, 44.9, 44.9, 0.0);
(364687.8, 3765014.0, 44.7, 44.7, 0.0);	(364707.8, 3765014.0, 44.8, 44.8, 0.0);
(364727.8, 3765014.0, 45.1, 45.1, 0.0);	(364787.8, 3765014.0, 46.0, 46.0, 0.0);
(364807.8, 3765014.0, 46.1, 46.1, 0.0);	(364827.8, 3765014.0, 46.1, 46.1, 0.0);
(364847.8, 3765014.0, 45.9, 45.9, 0.0);	(364867.8, 3765014.0, 45.4, 45.4, 0.0);
(364927.8, 3765014.0, 43.9, 43.9, 0.0);	(364947.8, 3765014.0, 43.7, 43.7, 0.0);
(364987.8, 3765014.0, 44.2, 44.2, 0.0);	(365007.8, 3765014.0, 44.6, 44.6, 0.0);
(365047.8, 3765014.0, 45.3, 45.3, 0.0);	(365067.8, 3765014.0, 45.8, 45.8, 0.0);
(365089.2, 3765022.2, 46.0, 46.0, 0.0);	(365107.8, 3765014.0, 45.9, 45.9, 0.0);

*** AERMOD - VERSION 21112 *** ** SMM-08 (Phase 3) Construction HRA
*** AERMET - VERSION 16216 *** ** Santa Monica
*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ U*

*** 02/13/23
*** 07:58:10

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

(365127.8, 3765014.0, 45.7, 45.7, 0.0);	(365177.2, 3765021.6, 45.3, 45.3, 0.0);
(365327.8, 3765014.0, 44.9, 44.9, 0.0);	(364647.8, 3765034.0, 45.1, 45.1, 0.0);
(364667.8, 3765034.0, 45.0, 45.0, 0.0);	(364687.8, 3765034.0, 44.9, 44.9, 0.0);
(364707.8, 3765034.0, 45.1, 45.1, 0.0);	(364727.8, 3765034.0, 45.5, 45.5, 0.0);
(364787.8, 3765034.0, 46.3, 46.3, 0.0);	(364807.8, 3765034.0, 46.3, 46.3, 0.0);
(364827.8, 3765034.0, 46.1, 46.1, 0.0);	(364847.8, 3765034.0, 45.8, 45.8, 0.0);
(364907.8, 3765034.0, 44.4, 44.4, 0.0);	(364927.8, 3765034.0, 44.0, 44.0, 0.0);
(364967.8, 3765034.0, 44.4, 44.4, 0.0);	(364987.8, 3765034.0, 44.7, 44.7, 0.0);
(365040.3, 3765045.5, 45.4, 45.4, 0.0);	(365047.8, 3765034.0, 45.4, 45.4, 0.0);
(365081.8, 3765036.7, 46.1, 46.1, 0.0);	(365102.7, 3765037.1, 45.8, 45.8, 0.0);
(365115.9, 3765028.2, 45.6, 45.6, 0.0);	(365167.8, 3765034.0, 45.3, 45.3, 0.0);
(364667.8, 3765054.0, 45.3, 45.3, 0.0);	(364687.8, 3765054.0, 45.3, 45.3, 0.0);
(364707.8, 3765054.0, 45.6, 45.6, 0.0);	(364767.8, 3765054.0, 46.6, 46.6, 0.0);
(364787.8, 3765054.0, 46.6, 46.6, 0.0);	(364807.8, 3765054.0, 46.4, 46.4, 0.0);
(364827.8, 3765054.0, 46.0, 46.0, 0.0);	(364847.8, 3765054.0, 45.5, 45.5, 0.0);
(364887.8, 3765054.0, 44.7, 44.7, 0.0);	(364907.8, 3765054.0, 44.5, 44.5, 0.0);
(364947.8, 3765054.0, 44.5, 44.5, 0.0);	(364967.8, 3765054.0, 44.9, 44.9, 0.0);
(365027.8, 3765054.0, 45.5, 45.5, 0.0);	(365073.5, 3765062.5, 46.0, 46.0, 0.0);
(365090.6, 3765063.1, 45.8, 45.8, 0.0);	(365097.1, 3765048.7, 45.8, 45.8, 0.0);
(365147.8, 3765054.0, 45.3, 45.3, 0.0);	(365164.4, 3765046.0, 45.3, 45.3, 0.0);
(365207.8, 3765054.0, 45.1, 45.1, 0.0);	(365227.8, 3765054.0, 45.1, 45.1, 0.0);
(365287.8, 3765054.0, 45.3, 45.3, 0.0);	(365307.8, 3765054.0, 45.7, 45.7, 0.0);
(365327.8, 3765054.0, 45.6, 45.6, 0.0);	(364607.8, 3765074.0, 45.7, 45.7, 0.0);
(364627.8, 3765074.0, 45.7, 45.7, 0.0);	(364687.8, 3765074.0, 45.9, 45.9, 0.0);
(364747.8, 3765074.0, 46.9, 46.9, 0.0);	(364767.8, 3765074.0, 46.9, 46.9, 0.0);
(364787.8, 3765074.0, 46.6, 46.6, 0.0);	(364807.8, 3765074.0, 46.3, 46.3, 0.0);
(364827.8, 3765074.0, 45.9, 45.9, 0.0);	(364867.8, 3765074.0, 45.0, 45.0, 0.0);
(364887.8, 3765074.0, 44.8, 44.8, 0.0);	(364907.8, 3765074.0, 44.7, 44.7, 0.0);
(364927.8, 3765074.0, 44.8, 44.8, 0.0);	(364947.8, 3765074.0, 45.1, 45.1, 0.0);
(365007.8, 3765074.0, 45.8, 45.8, 0.0);	(365021.8, 3765063.6, 45.6, 45.6, 0.0);
(365082.6, 3765075.8, 45.9, 45.9, 0.0);	(365146.5, 3765067.2, 45.4, 45.4, 0.0);
(365135.7, 3765077.5, 45.5, 45.5, 0.0);	(365207.8, 3765074.0, 45.1, 45.1, 0.0);
(365227.8, 3765074.0, 45.1, 45.1, 0.0);	(365267.8, 3765074.0, 45.2, 45.2, 0.0);
(365287.8, 3765074.0, 45.6, 45.6, 0.0);	(365307.8, 3765074.0, 46.0, 46.0, 0.0);
(365327.8, 3765074.0, 46.0, 46.0, 0.0);	(365347.8, 3765074.0, 45.8, 45.8, 0.0);
(364607.8, 3765094.0, 45.9, 45.9, 0.0);	(364627.8, 3765094.0, 46.2, 46.2, 0.0);
(364647.8, 3765094.0, 46.3, 46.3, 0.0);	(364727.8, 3765094.0, 46.9, 46.9, 0.0);
(364747.8, 3765094.0, 47.3, 47.3, 0.0);	(364767.8, 3765094.0, 47.0, 47.0, 0.0);
(364787.8, 3765094.0, 46.6, 46.6, 0.0);	(364807.8, 3765094.0, 46.2, 46.2, 0.0);
(364867.8, 3765094.0, 45.2, 45.2, 0.0);	(364887.8, 3765094.0, 45.1, 45.1, 0.0);
(364927.8, 3765094.0, 45.4, 45.4, 0.0);	(364947.8, 3765094.0, 45.8, 45.8, 0.0);
(364991.2, 3765100.9, 46.5, 46.5, 0.0);	(365007.8, 3765094.0, 46.4, 46.4, 0.0);
(365130.0, 3765090.1, 45.6, 45.6, 0.0);	(365123.9, 3765104.3, 45.8, 45.8, 0.0);
(365192.8, 3765102.6, 45.3, 45.3, 0.0);	(365207.8, 3765094.0, 45.1, 45.1, 0.0);
(365267.8, 3765094.0, 45.6, 45.6, 0.0);	(365287.8, 3765094.0, 46.1, 46.1, 0.0);

*** AERMOD - VERSION 21112 *** ** SMM-08 (Phase 3) Construction HRA
*** AERMET - VERSION 16216 *** ** Santa Monica
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

*** 02/13/23
*** 07:58:10

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

(365307.8, 3765094.0,	46.6,	46.6,	0.0);	(365327.8, 3765094.0,	46.4,	46.4,	0.0);
(364587.8, 3765114.0,	46.0,	46.0,	0.0);	(364607.8, 3765114.0,	46.2,	46.2,	0.0);
(364627.8, 3765114.0,	46.5,	46.5,	0.0);	(364647.8, 3765114.0,	46.8,	46.8,	0.0);
(364667.8, 3765114.0,	47.0,	47.0,	0.0);	(364747.8, 3765114.0,	47.5,	47.5,	0.0);
(364767.8, 3765114.0,	47.0,	47.0,	0.0);	(364787.8, 3765114.0,	46.5,	46.5,	0.0);
(364807.8, 3765114.0,	46.0,	46.0,	0.0);	(364847.8, 3765114.0,	45.5,	45.5,	0.0);
(364867.8, 3765114.0,	45.5,	45.5,	0.0);	(364907.8, 3765114.0,	45.7,	45.7,	0.0);
(364927.8, 3765114.0,	46.1,	46.1,	0.0);	(364987.8, 3765114.0,	46.8,	46.8,	0.0);
(364974.2, 3765124.8,	47.0,	47.0,	0.0);	(365167.8, 3765114.0,	45.4,	45.4,	0.0);
(365187.8, 3765114.0,	45.4,	45.4,	0.0);	(365247.8, 3765114.0,	45.6,	45.6,	0.0);
(365267.8, 3765114.0,	46.1,	46.1,	0.0);	(365287.8, 3765114.0,	46.8,	46.8,	0.0);
(365307.8, 3765114.0,	47.2,	47.2,	0.0);	(365327.8, 3765114.0,	46.9,	46.9,	0.0);
(364587.8, 3765134.0,	46.1,	46.1,	0.0);	(364607.8, 3765134.0,	46.4,	46.4,	0.0);
(364627.8, 3765134.0,	46.7,	46.7,	0.0);	(364647.8, 3765134.0,	47.1,	47.1,	0.0);
(364707.8, 3765134.0,	47.7,	47.7,	0.0);	(364787.8, 3765134.0,	46.5,	46.5,	0.0);
(364847.8, 3765134.0,	45.8,	45.8,	0.0);	(364867.8, 3765134.0,	45.8,	45.8,	0.0);
(364887.8, 3765134.0,	46.0,	46.0,	0.0);	(364907.8, 3765134.0,	46.4,	46.4,	0.0);
(364967.8, 3765134.0,	47.1,	47.1,	0.0);	(365173.2, 3765141.7,	45.5,	45.5,	0.0);
(365183.3, 3765128.9,	45.5,	45.5,	0.0);	(365227.8, 3765134.0,	45.8,	45.8,	0.0);
(365247.8, 3765134.0,	46.1,	46.1,	0.0);	(365287.8, 3765134.0,	47.7,	47.7,	0.0);
(365307.8, 3765134.0,	47.8,	47.8,	0.0);	(365327.8, 3765134.0,	47.4,	47.4,	0.0);
(364587.8, 3765154.0,	46.4,	46.4,	0.0);	(364607.8, 3765154.0,	46.6,	46.6,	0.0);
(364627.8, 3765154.0,	47.0,	47.0,	0.0);	(364647.8, 3765154.0,	47.4,	47.4,	0.0);
(364687.8, 3765154.0,	48.0,	48.0,	0.0);	(364707.8, 3765154.0,	48.0,	48.0,	0.0);
(364727.8, 3765154.0,	47.8,	47.8,	0.0);	(364747.8, 3765154.0,	47.4,	47.4,	0.0);
(364827.8, 3765154.0,	46.2,	46.2,	0.0);	(364847.8, 3765154.0,	46.3,	46.3,	0.0);
(364887.8, 3765154.0,	46.7,	46.7,	0.0);	(364907.8, 3765154.0,	47.0,	47.0,	0.0);
(364948.8, 3765161.6,	47.5,	47.5,	0.0);	(364970.0, 3765159.7,	47.6,	47.6,	0.0);
(365152.9, 3765164.4,	45.7,	45.7,	0.0);	(365167.8, 3765154.0,	45.5,	45.5,	0.0);
(365227.8, 3765154.0,	46.3,	46.3,	0.0);	(365247.8, 3765154.0,	46.9,	46.9,	0.0);
(365287.8, 3765154.0,	47.8,	47.8,	0.0);	(365307.8, 3765154.0,	47.9,	47.9,	0.0);
(365347.8, 3765154.0,	47.5,	47.5,	0.0);	(365367.8, 3765154.0,	47.4,	47.4,	0.0);
(364587.8, 3765174.0,	46.6,	46.6,	0.0);	(364607.8, 3765174.0,	46.9,	46.9,	0.0);
(364627.8, 3765174.0,	47.3,	47.3,	0.0);	(364667.8, 3765174.0,	47.9,	47.9,	0.0);
(364687.8, 3765174.0,	48.3,	48.3,	0.0);	(364707.8, 3765174.0,	48.2,	48.2,	0.0);
(364727.8, 3765174.0,	47.7,	47.7,	0.0);	(364747.8, 3765174.0,	47.5,	47.5,	0.0);
(364767.8, 3765174.0,	47.2,	47.2,	0.0);	(364827.8, 3765174.0,	46.6,	46.6,	0.0);
(364847.8, 3765174.0,	46.9,	46.9,	0.0);	(364867.8, 3765174.0,	47.2,	47.2,	0.0);
(364887.8, 3765174.0,	47.4,	47.4,	0.0);	(364941.2, 3765177.7,	47.7,	47.7,	0.0);
(364967.8, 3765174.0,	47.8,	47.8,	0.0);	(365127.8, 3765174.0,	46.0,	46.0,	0.0);
(365147.8, 3765174.0,	45.8,	45.8,	0.0);	(365207.8, 3765174.0,	46.6,	46.6,	0.0);
(365227.8, 3765174.0,	46.9,	46.9,	0.0);	(365247.8, 3765174.0,	47.5,	47.5,	0.0);
(365267.8, 3765174.0,	48.0,	48.0,	0.0);	(365287.8, 3765174.0,	48.2,	48.2,	0.0);
(365307.8, 3765174.0,	48.1,	48.1,	0.0);	(365347.8, 3765174.0,	47.9,	47.9,	0.0);
(365367.8, 3765174.0,	47.7,	47.7,	0.0);	(364587.8, 3765194.0,	46.9,	46.9,	0.0);

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 3) Construction HRA
*** AERMET - VERSION 16216 *** *** Santa Monica
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

*** 02/13/23
*** 07:58:10

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

(364607.8, 3765194.0, 47.3, 47.3, 0.0);	(364667.8, 3765194.0, 48.2, 48.2, 0.0);
(364687.8, 3765194.0, 48.4, 48.4, 0.0);	(364707.8, 3765194.0, 48.2, 48.2, 0.0);
(364727.8, 3765194.0, 47.8, 47.8, 0.0);	(364747.8, 3765194.0, 47.6, 47.6, 0.0);
(364787.8, 3765194.0, 47.0, 47.0, 0.0);	(364807.8, 3765194.0, 47.2, 47.2, 0.0);
(364847.8, 3765194.0, 47.2, 47.2, 0.0);	(364867.8, 3765194.0, 47.6, 47.6, 0.0);
(364927.8, 3765194.0, 47.6, 47.6, 0.0);	(364955.3, 3765151.4, 47.3, 47.3, 0.0);
(365125.7, 3765201.3, 46.2, 46.2, 0.0);	(365147.8, 3765194.0, 46.1, 46.1, 0.0);
(365187.8, 3765194.0, 46.7, 46.7, 0.0);	(365207.8, 3765194.0, 47.2, 47.2, 0.0);
(365247.8, 3765194.0, 47.9, 47.9, 0.0);	(365267.8, 3765194.0, 48.3, 48.3, 0.0);
(365287.8, 3765194.0, 48.8, 48.8, 0.0);	(365327.8, 3765194.0, 48.3, 48.3, 0.0);
(365347.8, 3765194.0, 48.1, 48.1, 0.0);	(365367.8, 3765194.0, 47.7, 47.7, 0.0);
(365387.8, 3765194.0, 47.3, 47.3, 0.0);	(365407.8, 3765194.0, 47.3, 47.3, 0.0);
(364587.8, 3765214.0, 47.4, 47.4, 0.0);	(364647.8, 3765214.0, 48.2, 48.2, 0.0);
(364667.8, 3765214.0, 48.5, 48.5, 0.0);	(364687.8, 3765214.0, 48.5, 48.5, 0.0);
(364707.8, 3765214.0, 48.2, 48.2, 0.0);	(364727.8, 3765214.0, 47.8, 47.8, 0.0);
(364787.8, 3765214.0, 47.4, 47.4, 0.0);	(364807.8, 3765214.0, 47.8, 47.8, 0.0);
(364827.8, 3765214.0, 48.0, 48.0, 0.0);	(364907.8, 3765214.0, 47.6, 47.6, 0.0);
(364917.3, 3765219.7, 47.6, 47.6, 0.0);	(365118.9, 3765212.8, 46.4, 46.4, 0.0);
(365187.8, 3765214.0, 47.2, 47.2, 0.0);	(365207.8, 3765214.0, 47.8, 47.8, 0.0);
(365247.8, 3765214.0, 48.6, 48.6, 0.0);	(365267.8, 3765214.0, 48.8, 48.8, 0.0);
(365307.8, 3765214.0, 48.9, 48.9, 0.0);	(365327.8, 3765214.0, 48.5, 48.5, 0.0);
(365347.8, 3765214.0, 48.1, 48.1, 0.0);	(365387.8, 3765214.0, 47.5, 47.5, 0.0);
(365407.8, 3765214.0, 47.5, 47.5, 0.0);	(365427.8, 3765214.0, 47.3, 47.3, 0.0);
(364587.8, 3765234.0, 47.8, 47.8, 0.0);	(364627.8, 3765234.0, 48.2, 48.2, 0.0);
(364647.8, 3765234.0, 48.5, 48.5, 0.0);	(364667.8, 3765234.0, 48.7, 48.7, 0.0);
(364687.8, 3765234.0, 48.7, 48.7, 0.0);	(364707.8, 3765234.0, 48.4, 48.4, 0.0);
(364727.8, 3765234.0, 47.8, 47.8, 0.0);	(364767.8, 3765234.0, 47.7, 47.7, 0.0);
(364787.8, 3765234.0, 47.9, 47.9, 0.0);	(364807.8, 3765234.0, 48.3, 48.3, 0.0);
(364827.8, 3765234.0, 48.8, 48.8, 0.0);	(364847.8, 3765234.0, 49.0, 49.0, 0.0);
(364927.8, 3765234.0, 47.6, 47.6, 0.0);	(365106.3, 3765240.5, 47.0, 47.0, 0.0);
(365111.2, 3765225.1, 46.7, 46.7, 0.0);	(365167.8, 3765234.0, 47.1, 47.1, 0.0);
(365187.8, 3765234.0, 47.8, 47.8, 0.0);	(365227.8, 3765234.0, 48.9, 48.9, 0.0);
(365247.8, 3765234.0, 49.1, 49.1, 0.0);	(365267.8, 3765234.0, 49.2, 49.2, 0.0);
(365307.8, 3765234.0, 49.3, 49.3, 0.0);	(365327.8, 3765234.0, 48.7, 48.7, 0.0);
(365367.8, 3765234.0, 47.7, 47.7, 0.0);	(365387.8, 3765234.0, 47.8, 47.8, 0.0);
(365407.8, 3765234.0, 47.7, 47.7, 0.0);	(365427.8, 3765234.0, 47.5, 47.5, 0.0);
(365447.8, 3765234.0, 47.3, 47.3, 0.0);	(365507.8, 3765234.0, 47.6, 47.6, 0.0);
(364627.8, 3765254.0, 48.7, 48.7, 0.0);	(364647.8, 3765254.0, 49.0, 49.0, 0.0);
(364667.8, 3765254.0, 49.2, 49.2, 0.0);	(364687.8, 3765254.0, 49.2, 49.2, 0.0);
(364707.8, 3765254.0, 48.8, 48.8, 0.0);	(364747.8, 3765254.0, 48.1, 48.1, 0.0);
(364767.8, 3765254.0, 48.2, 48.2, 0.0);	(364787.8, 3765254.0, 48.4, 48.4, 0.0);
(364807.8, 3765254.0, 48.9, 48.9, 0.0);	(364827.8, 3765254.0, 49.2, 49.2, 0.0);
(364887.8, 3765254.0, 48.2, 48.2, 0.0);	(365096.1, 3765254.0, 47.2, 47.2, 0.0);
(365147.8, 3765254.0, 47.2, 47.2, 0.0);	(365167.8, 3765254.0, 47.6, 47.6, 0.0);
(365207.8, 3765254.0, 49.3, 49.3, 0.0);	(365227.8, 3765254.0, 49.5, 49.5, 0.0);

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 3) Construction HRA   ***   02/13/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   07:58:10
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

(365247.8, 3765254.0, 49.5, 49.5, 0.0);	(365287.8, 3765254.0, 49.7, 49.7, 0.0);
(365307.8, 3765254.0, 49.6, 49.6, 0.0);	(365327.8, 3765254.0, 48.7, 48.7, 0.0);
(365347.8, 3765254.0, 48.1, 48.1, 0.0);	(365367.8, 3765254.0, 48.0, 48.0, 0.0);
(365387.8, 3765254.0, 48.0, 48.0, 0.0);	(365407.8, 3765254.0, 47.9, 47.9, 0.0);
(365427.8, 3765254.0, 47.6, 47.6, 0.0);	(365447.8, 3765254.0, 47.3, 47.3, 0.0);
(365487.8, 3765254.0, 48.0, 48.0, 0.0);	(364607.8, 3765274.0, 48.8, 48.8, 0.0);
(364627.8, 3765274.0, 49.1, 49.1, 0.0);	(364647.8, 3765274.0, 49.4, 49.4, 0.0);
(364667.8, 3765274.0, 49.6, 49.6, 0.0);	(364687.8, 3765274.0, 49.5, 49.5, 0.0);
(364727.8, 3765274.0, 48.8, 48.8, 0.0);	(364747.8, 3765274.0, 48.7, 48.7, 0.0);
(364767.8, 3765274.0, 48.8, 48.8, 0.0);	(364787.8, 3765274.0, 49.0, 49.0, 0.0);
(364807.8, 3765274.0, 49.3, 49.3, 0.0);	(364827.8, 3765274.0, 49.6, 49.6, 0.0);
(364867.8, 3765274.0, 48.9, 48.9, 0.0);	(364887.8, 3765274.0, 48.4, 48.4, 0.0);
(364907.8, 3765274.0, 47.7, 47.7, 0.0);	(364927.8, 3765274.0, 47.5, 47.5, 0.0);
(365089.6, 3765267.3, 47.4, 47.4, 0.0);	(365127.8, 3765274.0, 47.7, 47.7, 0.0);
(365147.8, 3765274.0, 47.9, 47.9, 0.0);	(365167.8, 3765274.0, 48.2, 48.2, 0.0);
(365187.8, 3765274.0, 48.8, 48.8, 0.0);	(365207.8, 3765274.0, 49.6, 49.6, 0.0);
(365227.8, 3765274.0, 49.7, 49.7, 0.0);	(365267.8, 3765274.0, 50.1, 50.1, 0.0);
(365287.8, 3765274.0, 50.3, 50.3, 0.0);	(365307.8, 3765274.0, 49.2, 49.2, 0.0);
(365327.8, 3765274.0, 48.7, 48.7, 0.0);	(365347.8, 3765274.0, 48.5, 48.5, 0.0);
(365367.8, 3765274.0, 48.4, 48.4, 0.0);	(365387.8, 3765274.0, 47.9, 47.9, 0.0);
(365407.8, 3765274.0, 47.9, 47.9, 0.0);	(365427.8, 3765274.0, 47.7, 47.7, 0.0);
(365447.8, 3765274.0, 47.8, 47.8, 0.0);	(365467.8, 3765274.0, 48.3, 48.3, 0.0);
(364587.8, 3765294.0, 48.7, 48.7, 0.0);	(364607.8, 3765294.0, 49.1, 49.1, 0.0);
(364627.8, 3765294.0, 49.5, 49.5, 0.0);	(364647.8, 3765294.0, 49.9, 49.9, 0.0);
(364667.8, 3765294.0, 50.2, 50.2, 0.0);	(364687.8, 3765294.0, 49.8, 49.8, 0.0);
(364727.8, 3765294.0, 49.6, 49.6, 0.0);	(364747.8, 3765294.0, 49.4, 49.4, 0.0);
(364767.8, 3765294.0, 49.4, 49.4, 0.0);	(364787.8, 3765294.0, 49.6, 49.6, 0.0);
(364807.8, 3765294.0, 49.7, 49.7, 0.0);	(364867.8, 3765294.0, 49.1, 49.1, 0.0);
(364887.8, 3765294.0, 48.4, 48.4, 0.0);	(364907.8, 3765294.0, 47.8, 47.8, 0.0);
(364927.8, 3765294.0, 47.7, 47.7, 0.0);	(364947.8, 3765294.0, 47.4, 47.4, 0.0);
(365049.1, 3765286.1, 47.8, 47.8, 0.0);	(365058.7, 3765297.1, 47.9, 47.9, 0.0);
(365127.8, 3765294.0, 48.4, 48.4, 0.0);	(365147.8, 3765294.0, 48.6, 48.6, 0.0);
(365167.8, 3765294.0, 48.8, 48.8, 0.0);	(365187.8, 3765294.0, 49.4, 49.4, 0.0);
(365207.8, 3765294.0, 49.9, 49.9, 0.0);	(365227.8, 3765294.0, 49.9, 49.9, 0.0);
(365267.8, 3765294.0, 50.6, 50.6, 0.0);	(365287.8, 3765294.0, 50.7, 50.7, 0.0);
(365307.8, 3765294.0, 49.0, 49.0, 0.0);	(365327.8, 3765294.0, 48.7, 48.7, 0.0);
(365387.8, 3765294.0, 48.0, 48.0, 0.0);	(365407.8, 3765294.0, 48.0, 48.0, 0.0);
(365427.8, 3765294.0, 48.0, 48.0, 0.0);	(365447.8, 3765294.0, 48.3, 48.3, 0.0);
(365467.8, 3765294.0, 48.9, 48.9, 0.0);	(364587.8, 3765314.0, 49.0, 49.0, 0.0);
(364607.8, 3765314.0, 49.2, 49.2, 0.0);	(364627.8, 3765314.0, 49.6, 49.6, 0.0);
(364647.8, 3765314.0, 50.2, 50.2, 0.0);	(364667.8, 3765314.0, 50.4, 50.4, 0.0);
(364707.8, 3765314.0, 50.3, 50.3, 0.0);	(364727.8, 3765314.0, 50.3, 50.3, 0.0);
(364747.8, 3765314.0, 50.1, 50.1, 0.0);	(364767.8, 3765314.0, 50.2, 50.2, 0.0);
(364787.8, 3765314.0, 50.2, 50.2, 0.0);	(364847.8, 3765314.0, 49.7, 49.7, 0.0);
(364867.8, 3765314.0, 49.0, 49.0, 0.0);	(364887.8, 3765314.0, 48.3, 48.3, 0.0);

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***
 *** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** 02/13/23
 *** 07:58:10

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

(364907.8, 3765314.0, 47.9, 47.9, 0.0);	(364927.8, 3765314.0, 47.7, 47.7, 0.0);
(364967.8, 3765314.0, 47.4, 47.4, 0.0);	(364987.8, 3765314.0, 47.4, 47.4, 0.0);
(365007.8, 3765314.0, 47.5, 47.5, 0.0);	(365071.8, 3765307.5, 47.9, 47.9, 0.0);
(365107.8, 3765314.0, 48.6, 48.6, 0.0);	(365127.8, 3765314.0, 49.0, 49.0, 0.0);
(365147.8, 3765314.0, 49.2, 49.2, 0.0);	(365167.8, 3765314.0, 49.5, 49.5, 0.0);
(365187.8, 3765314.0, 49.9, 49.9, 0.0);	(365207.8, 3765314.0, 50.2, 50.2, 0.0);
(365247.8, 3765314.0, 50.6, 50.6, 0.0);	(365267.8, 3765314.0, 50.7, 50.7, 0.0);
(365287.8, 3765314.0, 50.6, 50.6, 0.0);	(365307.8, 3765314.0, 49.1, 49.1, 0.0);
(365327.8, 3765314.0, 48.7, 48.7, 0.0);	(365347.8, 3765314.0, 48.7, 48.7, 0.0);
(365427.8, 3765314.0, 48.5, 48.5, 0.0);	(365447.8, 3765314.0, 48.9, 48.9, 0.0);
(364587.8, 3765334.0, 49.2, 49.2, 0.0);	(364607.8, 3765334.0, 49.4, 49.4, 0.0);
(364627.8, 3765334.0, 49.8, 49.8, 0.0);	(364647.8, 3765334.0, 50.4, 50.4, 0.0);
(364687.8, 3765334.0, 50.9, 50.9, 0.0);	(364707.8, 3765334.0, 51.0, 51.0, 0.0);
(364727.8, 3765334.0, 50.9, 50.9, 0.0);	(364747.8, 3765334.0, 50.7, 50.7, 0.0);
(364767.8, 3765334.0, 50.8, 50.8, 0.0);	(364787.8, 3765334.0, 50.6, 50.6, 0.0);
(364827.8, 3765334.0, 50.2, 50.2, 0.0);	(364847.8, 3765334.0, 49.7, 49.7, 0.0);
(364867.8, 3765334.0, 49.0, 49.0, 0.0);	(364887.8, 3765334.0, 48.4, 48.4, 0.0);
(364907.8, 3765334.0, 48.0, 48.0, 0.0);	(364927.8, 3765334.0, 47.7, 47.7, 0.0);
(364947.8, 3765334.0, 47.5, 47.5, 0.0);	(364967.8, 3765334.0, 47.6, 47.6, 0.0);
(364987.8, 3765334.0, 47.7, 47.7, 0.0);	(365007.8, 3765334.0, 47.8, 47.8, 0.0);
(365027.8, 3765334.0, 47.9, 47.9, 0.0);	(365107.8, 3765334.0, 49.0, 49.0, 0.0);
(365127.8, 3765334.0, 49.5, 49.5, 0.0);	(365147.8, 3765334.0, 49.8, 49.8, 0.0);
(365167.8, 3765334.0, 50.1, 50.1, 0.0);	(365187.8, 3765334.0, 50.3, 50.3, 0.0);
(365227.8, 3765334.0, 50.4, 50.4, 0.0);	(365247.8, 3765334.0, 50.4, 50.4, 0.0);
(365267.8, 3765334.0, 50.3, 50.3, 0.0);	(365287.8, 3765334.0, 49.7, 49.7, 0.0);
(365307.8, 3765334.0, 49.0, 49.0, 0.0);	(365327.8, 3765334.0, 48.7, 48.7, 0.0);
(365347.8, 3765334.0, 48.6, 48.6, 0.0);	(365367.8, 3765334.0, 48.5, 48.5, 0.0);
(365387.8, 3765334.0, 48.6, 48.6, 0.0);	(365427.8, 3765334.0, 48.5, 48.5, 0.0);
(364587.8, 3765354.0, 49.2, 49.2, 0.0);	(364607.8, 3765354.0, 49.5, 49.5, 0.0);
(364627.8, 3765354.0, 50.1, 50.1, 0.0);	(364647.8, 3765354.0, 50.5, 50.5, 0.0);
(364687.8, 3765354.0, 51.2, 51.2, 0.0);	(364707.8, 3765354.0, 51.4, 51.4, 0.0);
(364727.8, 3765354.0, 51.2, 51.2, 0.0);	(364747.8, 3765354.0, 51.2, 51.2, 0.0);
(364767.8, 3765354.0, 51.2, 51.2, 0.0);	(364827.8, 3765354.0, 50.5, 50.5, 0.0);
(364847.8, 3765354.0, 49.8, 49.8, 0.0);	(364867.8, 3765354.0, 49.2, 49.2, 0.0);
(364887.8, 3765354.0, 48.6, 48.6, 0.0);	(364907.8, 3765354.0, 48.1, 48.1, 0.0);
(364927.8, 3765354.0, 47.6, 47.6, 0.0);	(364947.8, 3765354.0, 47.8, 47.8, 0.0);
(364967.8, 3765354.0, 47.9, 47.9, 0.0);	(364987.8, 3765354.0, 47.9, 47.9, 0.0);
(365007.8, 3765354.0, 48.0, 48.0, 0.0);	(365027.8, 3765354.0, 48.5, 48.5, 0.0);
(365047.8, 3765354.0, 48.5, 48.5, 0.0);	(365127.8, 3765354.0, 50.2, 50.2, 0.0);
(365147.8, 3765354.0, 50.5, 50.5, 0.0);	(365167.8, 3765354.0, 50.6, 50.6, 0.0);
(365187.8, 3765354.0, 50.6, 50.6, 0.0);	(365227.8, 3765354.0, 50.3, 50.3, 0.0);
(365247.8, 3765354.0, 50.1, 50.1, 0.0);	(365267.8, 3765354.0, 49.8, 49.8, 0.0);
(365287.8, 3765354.0, 48.9, 48.9, 0.0);	(365307.8, 3765354.0, 48.9, 48.9, 0.0);
(365327.8, 3765354.0, 48.8, 48.8, 0.0);	(365347.8, 3765354.0, 48.7, 48.7, 0.0);
(365367.8, 3765354.0, 48.5, 48.5, 0.0);	(365387.8, 3765354.0, 48.9, 48.9, 0.0);

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 3) Construction HRA   ***   02/13/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   ***   07:58:10
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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(365407.8, 3765354.0, 48.7, 48.7, 0.0);	(365427.8, 3765354.0, 48.6, 48.6, 0.0);
(364587.8, 3765374.0, 49.5, 49.5, 0.0);	(364607.8, 3765374.0, 49.9, 49.9, 0.0);
(364627.8, 3765374.0, 50.2, 50.2, 0.0);	(364667.8, 3765374.0, 50.9, 50.9, 0.0);
(364687.8, 3765374.0, 51.5, 51.5, 0.0);	(364707.8, 3765374.0, 51.6, 51.6, 0.0);
(364727.8, 3765374.0, 51.4, 51.4, 0.0);	(364747.8, 3765374.0, 51.2, 51.2, 0.0);
(364807.8, 3765374.0, 50.7, 50.7, 0.0);	(364827.8, 3765374.0, 50.5, 50.5, 0.0);
(364847.8, 3765374.0, 49.8, 49.8, 0.0);	(364867.8, 3765374.0, 49.2, 49.2, 0.0);
(364887.8, 3765374.0, 48.6, 48.6, 0.0);	(364907.8, 3765374.0, 48.2, 48.2, 0.0);
(364927.8, 3765374.0, 48.1, 48.1, 0.0);	(364947.8, 3765374.0, 48.1, 48.1, 0.0);
(364967.8, 3765374.0, 48.1, 48.1, 0.0);	(364987.8, 3765374.0, 48.3, 48.3, 0.0);
(365007.8, 3765374.0, 48.6, 48.6, 0.0);	(365027.8, 3765374.0, 48.9, 48.9, 0.0);
(365067.8, 3765374.0, 49.3, 49.3, 0.0);	(365087.8, 3765374.0, 50.0, 50.0, 0.0);
(365107.8, 3765374.0, 50.5, 50.5, 0.0);	(365167.8, 3765374.0, 50.8, 50.8, 0.0);
(365207.8, 3765374.0, 50.4, 50.4, 0.0);	(365227.8, 3765374.0, 50.0, 50.0, 0.0);
(365247.8, 3765374.0, 49.6, 49.6, 0.0);	(365267.8, 3765374.0, 49.2, 49.2, 0.0);
(365287.8, 3765374.0, 48.9, 48.9, 0.0);	(365307.8, 3765374.0, 49.0, 49.0, 0.0);
(365327.8, 3765374.0, 49.1, 49.1, 0.0);	(365347.8, 3765374.0, 48.9, 48.9, 0.0);
(365367.8, 3765374.0, 48.6, 48.6, 0.0);	(365387.8, 3765374.0, 49.0, 49.0, 0.0);
(365407.8, 3765374.0, 49.2, 49.2, 0.0);	(364587.8, 3765394.0, 49.7, 49.7, 0.0);
(364607.8, 3765394.0, 50.1, 50.1, 0.0);	(364627.8, 3765394.0, 50.3, 50.3, 0.0);
(364647.8, 3765394.0, 50.3, 50.3, 0.0);	(364667.8, 3765394.0, 51.3, 51.3, 0.0);
(364687.8, 3765394.0, 51.7, 51.7, 0.0);	(364707.8, 3765394.0, 51.7, 51.7, 0.0);
(364727.8, 3765394.0, 51.4, 51.4, 0.0);	(364747.8, 3765394.0, 51.1, 51.1, 0.0);
(364787.8, 3765394.0, 50.7, 50.7, 0.0);	(364807.8, 3765394.0, 50.8, 50.8, 0.0);
(364827.8, 3765394.0, 50.4, 50.4, 0.0);	(364847.8, 3765394.0, 49.8, 49.8, 0.0);
(364867.8, 3765394.0, 49.1, 49.1, 0.0);	(364887.8, 3765394.0, 48.6, 48.6, 0.0);
(364907.8, 3765394.0, 48.4, 48.4, 0.0);	(364927.8, 3765394.0, 48.5, 48.5, 0.0);
(364947.8, 3765394.0, 48.4, 48.4, 0.0);	(364967.8, 3765394.0, 48.4, 48.4, 0.0);
(364987.8, 3765394.0, 48.8, 48.8, 0.0);	(365007.8, 3765394.0, 49.2, 49.2, 0.0);
(365047.8, 3765394.0, 49.6, 49.6, 0.0);	(365067.8, 3765394.0, 50.0, 50.0, 0.0);
(365087.8, 3765394.0, 50.7, 50.7, 0.0);	(365107.8, 3765394.0, 51.2, 51.2, 0.0);
(365127.8, 3765394.0, 51.8, 51.8, 0.0);	(365147.8, 3765394.0, 51.5, 51.5, 0.0);
(365207.8, 3765394.0, 50.3, 50.3, 0.0);	(365227.8, 3765394.0, 49.8, 49.8, 0.0);
(365247.8, 3765394.0, 49.4, 49.4, 0.0);	(365267.8, 3765394.0, 49.1, 49.1, 0.0);
(365287.8, 3765394.0, 49.0, 49.0, 0.0);	(365307.8, 3765394.0, 49.2, 49.2, 0.0);
(365327.8, 3765394.0, 49.1, 49.1, 0.0);	(365347.8, 3765394.0, 48.9, 48.9, 0.0);
(365367.8, 3765394.0, 48.8, 48.8, 0.0);	(365387.8, 3765394.0, 49.6, 49.6, 0.0);
(364647.8, 3765414.0, 51.2, 51.2, 0.0);	(364667.8, 3765414.0, 51.8, 51.8, 0.0);
(364687.8, 3765414.0, 51.9, 51.9, 0.0);	(364707.8, 3765414.0, 51.8, 51.8, 0.0);
(364727.8, 3765414.0, 51.3, 51.3, 0.0);	(364787.8, 3765414.0, 50.6, 50.6, 0.0);
(364807.8, 3765414.0, 50.5, 50.5, 0.0);	(364827.8, 3765414.0, 50.1, 50.1, 0.0);
(364847.8, 3765414.0, 49.6, 49.6, 0.0);	(364867.8, 3765414.0, 49.0, 49.0, 0.0);
(364887.8, 3765414.0, 48.7, 48.7, 0.0);	(364907.8, 3765414.0, 48.8, 48.8, 0.0);
(364927.8, 3765414.0, 48.8, 48.8, 0.0);	(364947.8, 3765414.0, 48.7, 48.7, 0.0);
(364967.8, 3765414.0, 48.9, 48.9, 0.0);	(364987.8, 3765414.0, 49.4, 49.4, 0.0);

```

*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 3) Construction HRA   ***   02/13/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   07:58:10
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

(365047.8, 3765414.0, 50.4, 50.4, 0.0);	(365067.8, 3765414.0, 50.8, 50.8, 0.0);
(365087.8, 3765414.0, 51.2, 51.2, 0.0);	(365107.8, 3765414.0, 51.6, 51.6, 0.0);
(365127.8, 3765414.0, 52.0, 52.0, 0.0);	(365147.8, 3765414.0, 51.7, 51.7, 0.0);
(365187.8, 3765414.0, 51.3, 51.3, 0.0);	(365247.8, 3765414.0, 49.3, 49.3, 0.0);
(365267.8, 3765414.0, 49.1, 49.1, 0.0);	(365287.8, 3765414.0, 49.2, 49.2, 0.0);
(365307.8, 3765414.0, 49.3, 49.3, 0.0);	(365327.8, 3765414.0, 49.1, 49.1, 0.0);
(365347.8, 3765414.0, 48.9, 48.9, 0.0);	(365367.8, 3765414.0, 49.0, 49.0, 0.0);
(365387.8, 3765414.0, 50.2, 50.2, 0.0);	(364647.8, 3765434.0, 51.1, 51.1, 0.0);
(364667.8, 3765434.0, 51.9, 51.9, 0.0);	(364687.8, 3765434.0, 52.1, 52.1, 0.0);
(364707.8, 3765434.0, 51.8, 51.8, 0.0);	(364767.8, 3765434.0, 50.6, 50.6, 0.0);
(364787.8, 3765434.0, 50.4, 50.4, 0.0);	(364807.8, 3765434.0, 50.2, 50.2, 0.0);
(364827.8, 3765434.0, 49.9, 49.9, 0.0);	(364847.8, 3765434.0, 49.3, 49.3, 0.0);
(364867.8, 3765434.0, 49.0, 49.0, 0.0);	(364887.8, 3765434.0, 49.0, 49.0, 0.0);
(364907.8, 3765434.0, 49.0, 49.0, 0.0);	(364927.8, 3765434.0, 48.9, 48.9, 0.0);
(364947.8, 3765434.0, 49.1, 49.1, 0.0);	(364967.8, 3765434.0, 49.5, 49.5, 0.0);
(364987.8, 3765434.0, 50.0, 50.0, 0.0);	(365027.8, 3765434.0, 50.7, 50.7, 0.0);
(365047.8, 3765434.0, 51.1, 51.1, 0.0);	(365067.8, 3765434.0, 51.4, 51.4, 0.0);
(365087.8, 3765434.0, 51.5, 51.5, 0.0);	(365107.8, 3765434.0, 51.8, 51.8, 0.0);
(365127.8, 3765434.0, 51.7, 51.7, 0.0);	(365167.8, 3765434.0, 51.7, 51.7, 0.0);
(365187.8, 3765434.0, 51.3, 51.3, 0.0);	(365207.8, 3765434.0, 50.6, 50.6, 0.0);
(365227.8, 3765434.0, 50.0, 50.0, 0.0);	(365287.8, 3765434.0, 48.9, 48.9, 0.0);
(365307.8, 3765434.0, 49.1, 49.1, 0.0);	(365327.8, 3765434.0, 49.1, 49.1, 0.0);
(365347.8, 3765434.0, 49.2, 49.2, 0.0);	(365367.8, 3765434.0, 49.9, 49.9, 0.0);
(364687.8, 3765454.0, 52.0, 52.0, 0.0);	(364707.8, 3765454.0, 51.6, 51.6, 0.0);
(364747.8, 3765454.0, 50.9, 50.9, 0.0);	(364767.8, 3765454.0, 50.5, 50.5, 0.0);
(364787.8, 3765454.0, 50.2, 50.2, 0.0);	(364807.8, 3765454.0, 49.9, 49.9, 0.0);
(364827.8, 3765454.0, 49.7, 49.7, 0.0);	(364847.8, 3765454.0, 49.2, 49.2, 0.0);
(364867.8, 3765454.0, 49.2, 49.2, 0.0);	(364887.8, 3765454.0, 49.3, 49.3, 0.0);
(364907.8, 3765454.0, 49.3, 49.3, 0.0);	(364927.8, 3765454.0, 49.3, 49.3, 0.0);
(364947.8, 3765454.0, 49.8, 49.8, 0.0);	(364967.8, 3765454.0, 50.3, 50.3, 0.0);
(365007.8, 3765454.0, 50.9, 50.9, 0.0);	(365027.8, 3765454.0, 51.4, 51.4, 0.0);
(365047.8, 3765454.0, 51.7, 51.7, 0.0);	(365067.8, 3765454.0, 51.8, 51.8, 0.0);
(365087.8, 3765454.0, 51.8, 51.8, 0.0);	(365107.8, 3765454.0, 51.8, 51.8, 0.0);
(365147.8, 3765454.0, 51.7, 51.7, 0.0);	(365167.8, 3765454.0, 51.8, 51.8, 0.0);
(365187.8, 3765454.0, 51.2, 51.2, 0.0);	(365207.8, 3765454.0, 50.8, 50.8, 0.0);
(365227.8, 3765454.0, 50.2, 50.2, 0.0);	(365247.8, 3765454.0, 49.5, 49.5, 0.0);
(365327.8, 3765454.0, 49.1, 49.1, 0.0);	(365347.8, 3765454.0, 49.2, 49.2, 0.0);
(365367.8, 3765454.0, 49.3, 49.3, 0.0);	(364747.8, 3765474.0, 50.8, 50.8, 0.0);
(364767.8, 3765474.0, 50.4, 50.4, 0.0);	(364787.8, 3765474.0, 50.1, 50.1, 0.0);
(364807.8, 3765474.0, 49.9, 49.9, 0.0);	(364827.8, 3765474.0, 49.6, 49.6, 0.0);
(364847.8, 3765474.0, 49.6, 49.6, 0.0);	(364867.8, 3765474.0, 49.6, 49.6, 0.0);
(364887.8, 3765474.0, 49.7, 49.7, 0.0);	(364907.8, 3765474.0, 49.7, 49.7, 0.0);
(364927.8, 3765474.0, 50.1, 50.1, 0.0);	(364947.8, 3765474.0, 50.8, 50.8, 0.0);
(365007.8, 3765474.0, 52.1, 52.1, 0.0);	(365027.8, 3765474.0, 52.1, 52.1, 0.0);
(365047.8, 3765474.0, 52.2, 52.2, 0.0);	(365067.8, 3765474.0, 52.2, 52.2, 0.0);

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 3) Construction HRA   ***   02/13/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   ***   07:58:10
*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

(365087.8, 3765474.0, 52.1, 52.1, 0.0);	(365127.8, 3765474.0, 51.6, 51.6, 0.0);
(365147.8, 3765474.0, 51.8, 51.8, 0.0);	(365167.8, 3765474.0, 51.8, 51.8, 0.0);
(365187.8, 3765474.0, 50.9, 50.9, 0.0);	(365207.8, 3765474.0, 50.8, 50.8, 0.0);
(365227.8, 3765474.0, 50.2, 50.2, 0.0);	(365247.8, 3765474.0, 49.6, 49.6, 0.0);
(365267.8, 3765474.0, 49.2, 49.2, 0.0);	(365287.8, 3765474.0, 49.4, 49.4, 0.0);
(364747.8, 3765494.0, 50.8, 50.8, 0.0);	(364767.8, 3765494.0, 50.4, 50.4, 0.0);
(364787.8, 3765494.0, 50.2, 50.2, 0.0);	(364807.8, 3765494.0, 49.9, 49.9, 0.0);
(364827.8, 3765494.0, 49.7, 49.7, 0.0);	(364847.8, 3765494.0, 49.9, 49.9, 0.0);
(364867.8, 3765494.0, 50.0, 50.0, 0.0);	(364887.8, 3765494.0, 50.2, 50.2, 0.0);
(364907.8, 3765494.0, 50.5, 50.5, 0.0);	(364927.8, 3765494.0, 51.2, 51.2, 0.0);
(364947.8, 3765494.0, 51.5, 51.5, 0.0);	(364987.8, 3765494.0, 52.4, 52.4, 0.0);
(365007.8, 3765494.0, 52.7, 52.7, 0.0);	(365027.8, 3765494.0, 52.6, 52.6, 0.0);
(365047.8, 3765494.0, 52.4, 52.4, 0.0);	(365067.8, 3765494.0, 52.2, 52.2, 0.0);
(365087.8, 3765494.0, 51.9, 51.9, 0.0);	(365127.8, 3765494.0, 51.7, 51.7, 0.0);
(365147.8, 3765494.0, 51.6, 51.6, 0.0);	(365167.8, 3765494.0, 51.4, 51.4, 0.0);
(365187.8, 3765494.0, 51.0, 51.0, 0.0);	(365207.8, 3765494.0, 50.8, 50.8, 0.0);
(365227.8, 3765494.0, 50.2, 50.2, 0.0);	(365247.8, 3765494.0, 49.8, 49.8, 0.0);
(365267.8, 3765494.0, 49.8, 49.8, 0.0);	(365287.8, 3765494.0, 49.7, 49.7, 0.0);
(365307.8, 3765494.0, 49.7, 49.7, 0.0);	(365327.8, 3765494.0, 49.8, 49.8, 0.0);
(364787.8, 3765514.0, 50.4, 50.4, 0.0);	(364807.8, 3765514.0, 50.1, 50.1, 0.0);
(364847.8, 3765514.0, 50.2, 50.2, 0.0);	(364867.8, 3765514.0, 50.4, 50.4, 0.0);
(364887.8, 3765514.0, 50.7, 50.7, 0.0);	(364907.8, 3765514.0, 51.4, 51.4, 0.0);
(364927.8, 3765514.0, 52.1, 52.1, 0.0);	(364967.8, 3765514.0, 52.7, 52.7, 0.0);
(364987.8, 3765514.0, 53.3, 53.3, 0.0);	(365007.8, 3765514.0, 53.2, 53.2, 0.0);
(365027.8, 3765514.0, 52.9, 52.9, 0.0);	(365047.8, 3765514.0, 52.5, 52.5, 0.0);
(365067.8, 3765514.0, 52.2, 52.2, 0.0);	(365107.8, 3765514.0, 51.8, 51.8, 0.0);
(365127.8, 3765514.0, 51.6, 51.6, 0.0);	(365147.8, 3765514.0, 51.4, 51.4, 0.0);
(365167.8, 3765514.0, 51.2, 51.2, 0.0);	(365187.8, 3765514.0, 51.0, 51.0, 0.0);
(365207.8, 3765514.0, 50.6, 50.6, 0.0);	(365227.8, 3765514.0, 50.3, 50.3, 0.0);
(365247.8, 3765514.0, 50.2, 50.2, 0.0);	(365267.8, 3765514.0, 50.3, 50.3, 0.0);
(365287.8, 3765514.0, 50.2, 50.2, 0.0);	(365307.8, 3765514.0, 50.1, 50.1, 0.0);
(365327.8, 3765514.0, 50.1, 50.1, 0.0);	(364867.8, 3765534.0, 51.0, 51.0, 0.0);
(364887.8, 3765534.0, 51.5, 51.5, 0.0);	(364907.8, 3765534.0, 52.1, 52.1, 0.0);
(364967.8, 3765534.0, 53.7, 53.7, 0.0);	(364987.8, 3765534.0, 53.8, 53.8, 0.0);
(365007.8, 3765534.0, 53.4, 53.4, 0.0);	(365027.8, 3765534.0, 53.1, 53.1, 0.0);
(365047.8, 3765534.0, 52.6, 52.6, 0.0);	(365087.8, 3765534.0, 51.9, 51.9, 0.0);
(365107.8, 3765534.0, 51.8, 51.8, 0.0);	(365127.8, 3765534.0, 51.5, 51.5, 0.0);
(365147.8, 3765534.0, 51.2, 51.2, 0.0);	(365167.8, 3765534.0, 50.9, 50.9, 0.0);
(365187.8, 3765534.0, 50.9, 50.9, 0.0);	(365207.8, 3765534.0, 50.4, 50.4, 0.0);
(365227.8, 3765534.0, 50.5, 50.5, 0.0);	(365247.8, 3765534.0, 50.9, 50.9, 0.0);
(365267.8, 3765534.0, 50.9, 50.9, 0.0);	(365287.8, 3765534.0, 50.7, 50.7, 0.0);
(365307.8, 3765534.0, 50.6, 50.6, 0.0);	(364947.8, 3765554.0, 53.4, 53.4, 0.0);
(364967.8, 3765554.0, 53.9, 53.9, 0.0);	(364987.8, 3765554.0, 53.8, 53.8, 0.0);
(365007.8, 3765554.0, 53.5, 53.5, 0.0);	(365027.8, 3765554.0, 53.0, 53.0, 0.0);
(365047.8, 3765554.0, 52.5, 52.5, 0.0);	(365087.8, 3765554.0, 52.0, 52.0, 0.0);

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***
 *** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 02/13/23
 *** 07:58:10

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

(365107.8, 3765554.0, 51.7, 51.7, 0.0);	(365127.8, 3765554.0, 51.4, 51.4, 0.0);
(365147.8, 3765554.0, 51.1, 51.1, 0.0);	(365167.8, 3765554.0, 50.9, 50.9, 0.0);
(365187.8, 3765554.0, 50.7, 50.7, 0.0);	(365207.8, 3765554.0, 50.7, 50.7, 0.0);
(365227.8, 3765554.0, 50.9, 50.9, 0.0);	(365247.8, 3765554.0, 51.0, 51.0, 0.0);
(365267.8, 3765554.0, 50.8, 50.8, 0.0);	(365287.8, 3765554.0, 50.6, 50.6, 0.0);
(364927.8, 3765574.0, 53.0, 53.0, 0.0);	(364947.8, 3765574.0, 53.6, 53.6, 0.0);
(364967.8, 3765574.0, 53.8, 53.8, 0.0);	(364987.8, 3765574.0, 53.8, 53.8, 0.0);
(365007.8, 3765574.0, 53.4, 53.4, 0.0);	(365027.8, 3765574.0, 52.8, 52.8, 0.0);
(365067.8, 3765574.0, 52.1, 52.1, 0.0);	(365087.8, 3765574.0, 52.0, 52.0, 0.0);
(365107.8, 3765574.0, 51.7, 51.7, 0.0);	(365127.8, 3765574.0, 51.4, 51.4, 0.0);
(365147.8, 3765574.0, 51.2, 51.2, 0.0);	(365167.8, 3765574.0, 51.0, 51.0, 0.0);
(365187.8, 3765574.0, 50.7, 50.7, 0.0);	(365207.8, 3765574.0, 51.0, 51.0, 0.0);
(365227.8, 3765574.0, 51.2, 51.2, 0.0);	(365247.8, 3765574.0, 51.2, 51.2, 0.0);
(365267.8, 3765574.0, 51.2, 51.2, 0.0);	(365287.8, 3765574.0, 51.1, 51.1, 0.0);
(364927.8, 3765594.0, 53.1, 53.1, 0.0);	(364947.8, 3765594.0, 53.5, 53.5, 0.0);
(364967.8, 3765594.0, 53.7, 53.7, 0.0);	(364987.8, 3765594.0, 53.7, 53.7, 0.0);
(365007.8, 3765594.0, 53.3, 53.3, 0.0);	(365047.8, 3765594.0, 52.3, 52.3, 0.0);
(365067.8, 3765594.0, 52.2, 52.2, 0.0);	(365087.8, 3765594.0, 52.1, 52.1, 0.0);
(365107.8, 3765594.0, 51.6, 51.6, 0.0);	(365127.8, 3765594.0, 51.4, 51.4, 0.0);
(365147.8, 3765594.0, 51.2, 51.2, 0.0);	(365167.8, 3765594.0, 51.0, 51.0, 0.0);
(365187.8, 3765594.0, 51.0, 51.0, 0.0);	(365207.8, 3765594.0, 51.1, 51.1, 0.0);
(365227.8, 3765594.0, 51.3, 51.3, 0.0);	(365247.8, 3765594.0, 51.5, 51.5, 0.0);
(365267.8, 3765594.0, 52.0, 52.0, 0.0);	(364947.8, 3765614.0, 53.0, 53.0, 0.0);
(364967.8, 3765614.0, 53.2, 53.2, 0.0);	(364987.8, 3765614.0, 53.5, 53.5, 0.0);
(365007.8, 3765614.0, 52.9, 52.9, 0.0);	(365047.8, 3765614.0, 52.5, 52.5, 0.0);
(365067.8, 3765614.0, 52.4, 52.4, 0.0);	(365087.8, 3765614.0, 52.1, 52.1, 0.0);
(365107.8, 3765614.0, 51.7, 51.7, 0.0);	(365127.8, 3765614.0, 51.6, 51.6, 0.0);
(365147.8, 3765614.0, 51.4, 51.4, 0.0);	(365167.8, 3765614.0, 51.3, 51.3, 0.0);
(365187.8, 3765614.0, 51.3, 51.3, 0.0);	(365207.8, 3765614.0, 51.4, 51.4, 0.0);
(365227.8, 3765614.0, 51.5, 51.5, 0.0);	(365247.8, 3765614.0, 51.8, 51.8, 0.0);
(364987.8, 3765634.0, 53.1, 53.1, 0.0);	(365027.8, 3765634.0, 52.8, 52.8, 0.0);
(365047.8, 3765634.0, 52.8, 52.8, 0.0);	(365067.8, 3765634.0, 52.5, 52.5, 0.0);
(365087.8, 3765634.0, 52.2, 52.2, 0.0);	(365107.8, 3765634.0, 51.8, 51.8, 0.0);
(365127.8, 3765634.0, 51.7, 51.7, 0.0);	(365147.8, 3765634.0, 51.6, 51.6, 0.0);
(365167.8, 3765634.0, 51.6, 51.6, 0.0);	(365187.8, 3765634.0, 51.6, 51.6, 0.0);
(365207.8, 3765634.0, 51.7, 51.7, 0.0);	(365227.8, 3765634.0, 51.8, 51.8, 0.0);
(365247.8, 3765634.0, 52.0, 52.0, 0.0);	(365007.8, 3765654.0, 52.5, 52.5, 0.0);
(365027.8, 3765654.0, 53.0, 53.0, 0.0);	(365047.8, 3765654.0, 53.0, 53.0, 0.0);
(365067.8, 3765654.0, 52.7, 52.7, 0.0);	(365087.8, 3765654.0, 52.5, 52.5, 0.0);
(365107.8, 3765654.0, 52.1, 52.1, 0.0);	(365127.8, 3765654.0, 51.8, 51.8, 0.0);
(365147.8, 3765654.0, 51.7, 51.7, 0.0);	(365167.8, 3765654.0, 51.9, 51.9, 0.0);
(365187.8, 3765654.0, 51.9, 51.9, 0.0);	(365207.8, 3765654.0, 52.0, 52.0, 0.0);
(365227.8, 3765654.0, 52.1, 52.1, 0.0);	(365181.1, 3765002.4, 45.2, 45.2, 0.0);
(365199.6, 3765013.0, 45.3, 45.3, 0.0);	(365213.7, 3765024.7, 45.2, 45.2, 0.0);
(365230.9, 3765035.8, 45.0, 45.0, 0.0);	(365251.4, 3765048.1, 45.0, 45.0, 0.0);

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 3) Construction HRA
*** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(365188.5, 3764992.6,	45.0,	45.0,	0.0);	(365206.3, 3765003.0,	45.2,	45.2,	0.0);
(365220.5, 3765010.2,	45.2,	45.2,	0.0);	(365232.8, 3765019.0,	45.1,	45.1,	0.0);
(365245.6, 3765028.2,	45.1,	45.1,	0.0);	(365255.9, 3765037.4,	45.1,	45.1,	0.0);
(365199.1, 3764978.5,	45.0,	45.0,	0.0);	(365216.9, 3764987.7,	45.0,	45.0,	0.0);
(365233.1, 3764999.6,	45.0,	45.0,	0.0);	(365246.0, 3765007.5,	45.1,	45.1,	0.0);
(365262.7, 3765019.5,	45.1,	45.1,	0.0);	(364949.6, 3765242.8,	47.6,	47.6,	0.0);
(365015.9, 3765211.8,	47.8,	47.8,	0.0);	(364956.1, 3765234.0,	47.8,	47.8,	0.0);
(364973.0, 3765235.9,	47.8,	47.8,	0.0);	(364984.5, 3765243.9,	47.7,	47.7,	0.0);
(364998.6, 3765251.6,	47.7,	47.7,	0.0);	(364964.0, 3765223.0,	47.9,	47.9,	0.0);
(364981.4, 3765229.0,	47.9,	47.9,	0.0);	(364994.4, 3765236.2,	47.8,	47.8,	0.0);
(365002.5, 3765244.3,	47.8,	47.8,	0.0);	(365025.0, 3765263.8,	47.7,	47.7,	0.0);
(365036.5, 3765269.9,	47.7,	47.7,	0.0);	(364972.6, 3765211.7,	48.0,	48.0,	0.0);
(364981.0, 3765200.6,	47.9,	47.9,	0.0);	(365079.7, 3765089.5,	46.0,	46.0,	0.0);
(364996.2, 3765200.8,	47.9,	47.9,	0.0);	(365028.5, 3765220.9,	47.8,	47.8,	0.0);
(364980.3, 3765188.4,	47.8,	47.8,	0.0);	(365043.6, 3765130.0,	47.0,	47.0,	0.0);
(365063.6, 3765130.0,	46.8,	46.8,	0.0);	(365083.6, 3765130.0,	46.4,	46.4,	0.0);
(365103.6, 3765130.0,	46.4,	46.4,	0.0);	(365044.1, 3765092.2,	46.3,	46.3,	0.0);
(365043.6, 3765150.0,	47.2,	47.2,	0.0);	(365063.6, 3765150.0,	46.9,	46.9,	0.0);
(365083.6, 3765150.0,	46.6,	46.6,	0.0);	(365103.6, 3765150.0,	46.6,	46.6,	0.0);
(365061.7, 3765084.2,	46.2,	46.2,	0.0);	(365023.6, 3765170.0,	47.4,	47.4,	0.0);
(365043.6, 3765170.0,	47.2,	47.2,	0.0);	(365063.6, 3765170.0,	47.0,	47.0,	0.0);
(365083.6, 3765170.0,	46.8,	46.8,	0.0);	(365031.2, 3765110.2,	46.7,	46.7,	0.0);
(365053.8, 3765109.8,	46.7,	46.7,	0.0);	(365103.1, 3765113.1,	46.1,	46.1,	0.0);
(365076.2, 3765109.5,	46.3,	46.3,	0.0);	(365002.1, 3765184.8,	47.7,	47.7,	0.0);
(365020.1, 3765194.7,	47.6,	47.6,	0.0);	(365038.5, 3765193.7,	47.4,	47.4,	0.0);
(365058.5, 3765193.7,	47.2,	47.2,	0.0);	(365086.9, 3765187.5,	46.8,	46.8,	0.0);
(365064.1, 3765229.7,	47.3,	47.3,	0.0);	(365036.6, 3765209.8,	47.6,	47.6,	0.0);
(365053.6, 3765218.6,	47.5,	47.5,	0.0);	(365071.3, 3765211.1,	47.0,	47.0,	0.0);
(365098.5, 3765213.7,	46.6,	46.6,	0.0);	(365015.2, 3765256.2,	47.7,	47.7,	0.0);
(365007.8, 3765267.6,	47.5,	47.5,	0.0);	(365001.2, 3765281.6,	47.1,	47.1,	0.0);
(364943.2, 3765234.0,	47.7,	47.7,	0.0);	(364952.0, 3765222.4,	48.0,	48.0,	0.0);
(364962.5, 3765205.1,	48.0,	48.0,	0.0);	(364986.0, 3765218.9,	47.9,	47.9,	0.0);
(364998.1, 3765226.2,	47.9,	47.9,	0.0);	(365010.3, 3765235.4,	47.8,	47.8,	0.0);
(364994.9, 3765213.5,	47.9,	47.9,	0.0);	(365010.6, 3765223.5,	47.8,	47.8,	0.0);
(365021.2, 3765247.9,	47.8,	47.8,	0.0);	(365033.6, 3765244.1,	47.8,	47.8,	0.0);
(365038.5, 3765234.1,	47.8,	47.8,	0.0);	(365056.4, 3765244.1,	47.5,	47.5,	0.0);
(365046.3, 3765258.7,	47.6,	47.6,	0.0);	(364965.1, 3765248.9,	47.6,	47.6,	0.0);
(364977.8, 3765257.1,	47.5,	47.5,	0.0);	(364989.8, 3765266.0,	47.5,	47.5,	0.0);
(365013.9, 3765287.1,	47.1,	47.1,	0.0);	(365023.6, 3765292.8,	47.3,	47.3,	0.0);
(365019.0, 3765278.5,	47.4,	47.4,	0.0);	(365028.5, 3765283.9,	47.5,	47.5,	0.0);
(365079.0, 3765196.5,	47.1,	47.1,	0.0);				

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 3) Construction HRA
 *** AERMET - VERSION 16216 *** *** Santa Monica

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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 --		DISTANCE (METERS)
	XR (METERS)	YR (METERS)	
L0000012	364747.8	3765154.0	0.91
L0000019	364807.8	3765194.0	0.08
L0000042	365007.8	3765314.0	0.33
L0000061	365187.8	3765414.0	0.23
L0000065	365227.8	3765434.0	0.48
L0000066	365227.8	3765434.0	-1.34

*** AERMOD - VERSION 21112 ***
 *** 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: metdata-53 m\KSMO_v9.SFC
 Profile file: metdata-53 m\KSMO_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93197
 Name: UNKNOWN
 Year: 2012

Met Version: 16216

Upper air station no.: 3190
 Name: UNKNOWN
 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	-6.6	0.113	-9.000	-9.000	-999.	91.	19.8	0.17	2.20	1.00	1.26	131.	10.1	283.1	2.0			
12	01	01	1	02	-7.6	0.121	-9.000	-9.000	-999.	101.	21.3	0.17	2.20	1.00	1.35	232.	10.1	282.0	2.0			
12	01	01	1	03	-3.3	0.082	-9.000	-9.000	-999.	57.	15.3	0.17	2.20	1.00	0.86	46.	10.1	280.9	2.0			
12	01	01	1	04	-5.4	0.102	-9.000	-9.000	-999.	79.	17.9	0.17	2.20	1.00	1.14	82.	10.1	281.4	2.0			
12	01	01	1	05	-6.6	0.113	-9.000	-9.000	-999.	91.	19.8	0.17	2.20	1.00	1.26	205.	10.1	281.4	2.0			
12	01	01	1	06	-7.4	0.119	-9.000	-9.000	-999.	99.	20.9	0.17	2.20	1.00	1.33	254.	10.1	280.9	2.0			
12	01	01	1	07	-4.6	0.094	-9.000	-9.000	-999.	70.	16.6	0.17	2.20	1.00	1.04	39.	10.1	279.2	2.0			
12	01	01	1	08	-16.0	0.197	-9.000	-9.000	-999.	209.	43.0	0.17	2.20	0.54	2.10	63.	10.1	282.0	2.0			
12	01	01	1	09	36.8	0.255	0.339	0.005	38.	309.	-40.8	0.17	2.20	0.31	2.27	33.	10.1	292.0	2.0			
12	01	01	1	10	102.6	0.234	0.691	0.006	117.	271.	-11.3	0.17	2.20	0.23	1.79	204.	10.1	289.2	2.0			
12	01	01	1	11	154.6	0.178	1.118	0.005	327.	181.	-3.3	0.17	2.20	0.20	1.11	119.	10.1	296.4	2.0			
12	01	01	1	12	182.0	0.295	1.459	0.005	618.	385.	-12.8	0.17	2.20	0.19	2.30	76.	10.1	300.9	2.0			
12	01	01	1	13	175.0	0.355	1.686	0.005	991.	507.	-23.0	0.17	2.20	0.19	2.98	179.	10.1	293.8	2.0			
12	01	01	1	14	148.1	0.374	1.737	0.005	1282.	549.	-31.9	0.17	2.20	0.20	3.25	211.	10.1	292.0	2.0			
12	01	01	1	15	98.0	0.291	1.572	0.005	1436.	380.	-22.7	0.17	2.20	0.23	2.44	231.	10.1	290.9	2.0			
12	01	01	1	16	28.2	0.303	1.044	0.005	1460.	400.	-89.0	0.17	2.20	0.32	2.85	217.	10.1	289.2	2.0			
12	01	01	1	17	-22.4	0.259	-9.000	-9.000	-999.	317.	73.7	0.17	2.20	0.58	2.73	226.	10.1	287.0	2.0			
12	01	01	1	18	-8.7	0.131	-9.000	-9.000	-999.	124.	23.3	0.17	2.20	1.00	1.45	230.	10.1	286.4	2.0			
12	01	01	1	19	-13.2	0.163	-9.000	-9.000	-999.	157.	29.4	0.17	2.20	1.00	1.77	225.	10.1	285.9	2.0			
12	01	01	1	20	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	2.20	1.00	1.18	182.	10.1	284.9	2.0			
12	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	2.20	1.00	0.00	0.	10.1	284.2	2.0			
12	01	01	1	22	-7.3	0.119	-9.000	-9.000	-999.	99.	21.1	0.17	2.20	1.00	1.33	202.	10.1	285.4	2.0			
12	01	01	1	23	-6.0	0.108	-9.000	-9.000	-999.	86.	19.1	0.17	2.20	1.00	1.21	251.	10.1	284.9	2.0			
12	01	01	1	24	-5.4	0.102	-9.000	-9.000	-999.	78.	18.0	0.17	2.20	1.00	1.14	224.	10.1	284.2	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	131.	1.26	283.2	99.0	-99.00	-99.00	

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

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*** AERMOD - VERSION 21112 ***    *** SMM-08 (Phase 3) Construction HRA      ***    02/13/23
*** AERMET - VERSION 16216 ***    *** Santa Monica                        ***    07:58:10
                                     ***                                ***    PAGE 105

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: OFFSITE ***
      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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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364887.77	3764713.98	0.10262	364907.77	3764713.98	0.10105
364927.77	3764713.98	0.09930	364947.77	3764713.98	0.09741
364967.77	3764713.98	0.09560	364987.77	3764713.98	0.09369
365007.77	3764713.98	0.09172	365027.77	3764713.98	0.08972
365067.77	3764713.98	0.08563	365087.77	3764713.98	0.08354
365107.77	3764713.98	0.08146	365127.77	3764713.98	0.07940
365147.77	3764713.98	0.07727	365167.77	3764713.98	0.07521
365187.77	3764713.98	0.07318	365207.77	3764713.98	0.07120
365287.77	3764713.98	0.06349	365307.77	3764713.98	0.06163
365327.77	3764713.98	0.05980	365347.77	3764713.98	0.05801
364907.77	3764733.98	0.10865	364927.77	3764733.98	0.10666
364947.77	3764733.98	0.10446	364967.77	3764733.98	0.10248
364987.77	3764733.98	0.10025	365007.77	3764733.98	0.09798
365027.77	3764733.98	0.09574	365047.77	3764733.98	0.09350
365107.77	3764733.98	0.08646	365127.77	3764733.98	0.08419
365147.77	3764733.98	0.08184	365167.77	3764733.98	0.07953
365187.77	3764733.98	0.07728	365207.77	3764733.98	0.07509
365227.77	3764733.98	0.07296	365247.77	3764733.98	0.07084
365327.77	3764733.98	0.06263	365347.77	3764733.98	0.06068
365367.77	3764733.98	0.05875	364887.77	3764753.98	0.11921
364947.77	3764753.98	0.11244	364967.77	3764753.98	0.11007
364987.77	3764753.98	0.10755	365007.77	3764753.98	0.10498
365027.77	3764753.98	0.10240	365067.77	3764753.98	0.09718
365087.77	3764753.98	0.09456	365127.77	3764753.98	0.08934
365147.77	3764753.98	0.08677	365167.77	3764753.98	0.08424
365187.77	3764753.98	0.08177	365207.77	3764753.98	0.07934
365227.77	3764753.98	0.07697	365247.77	3764753.98	0.07465
365267.77	3764753.98	0.07234	365347.77	3764753.98	0.06354
365367.77	3764753.98	0.06145	365387.77	3764753.98	0.05938
365407.77	3764753.98	0.05736	364827.77	3764773.98	0.13543
364847.77	3764773.98	0.13355	364867.77	3764773.98	0.13136
364887.77	3764773.98	0.12907	364907.77	3764773.98	0.12661
364967.77	3764773.98	0.11848	364987.77	3764773.98	0.11561
365007.77	3764773.98	0.11269	365027.77	3764773.98	0.10973

365067.77	3764773.98	0.10382	365087.77	3764773.98	0.10089
365107.77	3764773.98	0.09795	365167.77	3764773.98	0.08936
365187.77	3764773.98	0.08662	365207.77	3764773.98	0.08394
365227.77	3764773.98	0.08132	365247.77	3764773.98	0.07877
365267.77	3764773.98	0.07624	365287.77	3764773.98	0.07375
365307.77	3764773.98	0.07131	365387.77	3764773.98	0.06208

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 3) Construction HRA
*** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365407.77	3764773.98	0.05989	365427.77	3764773.98	0.05775
364807.77	3764793.98	0.14993	364827.77	3764793.98	0.14796
364847.77	3764793.98	0.14557	364867.77	3764793.98	0.14297
364887.77	3764793.98	0.14018	364947.77	3764793.98	0.13111
365007.77	3764793.98	0.12117	365027.77	3764793.98	0.11780
365067.77	3764793.98	0.11109	365087.77	3764793.98	0.10781
365107.77	3764793.98	0.10455	365127.77	3764793.98	0.10132
365147.77	3764793.98	0.09810	365187.77	3764793.98	0.09188
365207.77	3764793.98	0.08893	365227.77	3764793.98	0.08605
365247.77	3764793.98	0.08323	365267.77	3764793.98	0.08044
365287.77	3764793.98	0.07772	365307.77	3764793.98	0.07506
365327.77	3764793.98	0.07244	365407.77	3764793.98	0.06259
365427.77	3764793.98	0.06028	365447.77	3764793.98	0.05805
365467.77	3764793.98	0.05590	364787.77	3764813.98	0.16692
364807.77	3764813.98	0.16492	364827.77	3764813.98	0.16237
364847.77	3764813.98	0.15939	364867.77	3764813.98	0.15627
364927.77	3764813.98	0.14584	364947.77	3764813.98	0.14215
364967.77	3764813.98	0.13835	365047.77	3764813.98	0.12292
365067.77	3764813.98	0.11915	365087.77	3764813.98	0.11544
365107.77	3764813.98	0.11176	365127.77	3764813.98	0.10813
365147.77	3764813.98	0.10457	365167.77	3764813.98	0.10105
365227.77	3764813.98	0.09112	365247.77	3764813.98	0.08803
365267.77	3764813.98	0.08497	365287.77	3764813.98	0.08197
365307.77	3764813.98	0.07904	365327.77	3764813.98	0.07618
365347.77	3764813.98	0.07339	365367.77	3764813.98	0.07068
365447.77	3764813.98	0.06058	365467.77	3764813.98	0.05826
364787.77	3764833.98	0.18510	364807.77	3764833.98	0.18239
364827.77	3764833.98	0.17907	364847.77	3764833.98	0.17538
364867.77	3764833.98	0.17158	364927.77	3764833.98	0.15901
364967.77	3764833.98	0.15019	364985.50	3764826.89	0.14206
365067.77	3764833.98	0.12807	365087.77	3764833.98	0.12386
365107.77	3764833.98	0.11971	365127.77	3764833.98	0.11562
365147.77	3764833.98	0.11165	365167.77	3764833.98	0.10775
365187.77	3764833.98	0.10394	365247.77	3764833.98	0.09323

365267.77	3764833.98	0.08986	365287.77	3764833.98	0.08656
365307.77	3764833.98	0.08334	365327.77	3764833.98	0.08020
365347.77	3764833.98	0.07714	365367.77	3764833.98	0.07419
365387.77	3764833.98	0.07133	364767.77	3764853.98	0.20930
364787.77	3764853.98	0.20655	364807.77	3764853.98	0.20292
364827.77	3764853.98	0.19870	364847.77	3764853.98	0.19414

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*** AERMOD - VERSION 21112 ***    *** SMM-08 (Phase 3) Construction HRA          ***          02/13/23
*** AERMET - VERSION 16216 ***    *** Santa Monica                          ***          07:58:10
                                           ***          PAGE 107

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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
      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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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364907.77	3764853.98	0.17932	364927.77	3764853.98	0.17411
364947.77	3764853.98	0.16882	364985.50	3764846.89	0.15420
365027.77	3764853.98	0.14790	365087.77	3764853.98	0.13315
365107.77	3764853.98	0.12847	365167.77	3764853.98	0.11507
365187.77	3764853.98	0.11084	365207.77	3764853.98	0.10674
365227.77	3764853.98	0.10278	365287.77	3764853.98	0.09151
365307.77	3764853.98	0.08799	365327.77	3764853.98	0.08453
365347.77	3764853.98	0.08118	365367.77	3764853.98	0.07795
365387.77	3764853.98	0.07484	365407.77	3764853.98	0.07184
365427.77	3764853.98	0.06894	364747.77	3764873.98	0.23874
364767.77	3764873.98	0.23605	364787.77	3764873.98	0.23221
364807.77	3764873.98	0.22740	364827.77	3764873.98	0.22195
364887.77	3764873.98	0.20399	364907.77	3764873.98	0.19771
364947.77	3764873.98	0.18495	364967.77	3764873.98	0.17865
365011.78	3764867.71	0.16084	365060.28	3764876.06	0.15234
365167.77	3764873.98	0.12312	365187.77	3764873.98	0.11837
365207.77	3764873.98	0.11378	365227.77	3764873.98	0.10938
365247.77	3764873.98	0.10509	365307.77	3764873.98	0.09300
365327.77	3764873.98	0.08922	365347.77	3764873.98	0.08556
365367.77	3764873.98	0.08204	365387.77	3764873.98	0.07864
365407.77	3764873.98	0.07536	365427.77	3764873.98	0.07220
364747.77	3764893.98	0.27290	364767.77	3764893.98	0.26844
364787.77	3764893.98	0.26327	364807.77	3764893.98	0.25688
364827.77	3764893.98	0.24969	364887.77	3764893.98	0.22682
364907.77	3764893.98	0.21897	364927.77	3764893.98	0.21115
364947.77	3764893.98	0.20339	365007.77	3764893.98	0.18144
365025.51	3764901.47	0.18101	365047.77	3764893.98	0.16784
365067.77	3764893.98	0.16137	365087.77	3764893.98	0.15508
365147.77	3764893.98	0.13748	365167.77	3764893.98	0.13200
365187.77	3764893.98	0.12669	365207.77	3764893.98	0.12154
365227.77	3764893.98	0.11663	365247.77	3764893.98	0.11186
365267.77	3764893.98	0.10725	365347.77	3764893.98	0.09032
365367.77	3764893.98	0.08646	365387.77	3764893.98	0.08275
365407.77	3764893.98	0.07916	364727.77	3764913.98	0.31955

364747.77	3764913.98	0.31551	364767.77	3764913.98	0.30904
364787.77	3764913.98	0.30147	364807.77	3764913.98	0.29261
364867.77	3764913.98	0.26349	364887.77	3764913.98	0.25353
364907.77	3764913.98	0.24366	364927.77	3764913.98	0.23398
364987.77	3764913.98	0.20683	365007.77	3764913.98	0.19846
365027.77	3764913.98	0.19035	365047.77	3764913.98	0.18268

365007.77	3764973.98	0.26638	365027.77	3764973.98	0.25342
365067.77	3764973.98	0.22945	365087.77	3764973.98	0.21843
365107.77	3764973.98	0.20795	365127.77	3764973.98	0.19799
365147.77	3764973.98	0.18835	365167.77	3764973.98	0.17920
365267.77	3764973.98	0.13985	365287.77	3764973.98	0.13304
365307.77	3764973.98	0.12645	365327.77	3764973.98	0.12017

364827.77	3765053.98	0.94268	364847.77	3765053.98	0.84310
364887.77	3765053.98	0.69011	364907.77	3765053.98	0.63069
364947.77	3765053.98	0.53518	364967.77	3765053.98	0.49634
365027.77	3765053.98	0.40203	365073.47	3765062.47	0.36483
365090.56	3765063.14	0.34636	365097.13	3765048.66	0.31175
365147.77	3765053.98	0.27467	365164.40	3765046.03	0.25080

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 3) Construction HRA
*** Santa Monica

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365207.77	3765053.98	0.22896	365227.77	3765053.98	0.21558
365287.77	3765053.98	0.18012	365307.77	3765053.98	0.16969
365327.77	3765053.98	0.15975	364607.77	3765073.98	1.36400
364627.77	3765073.98	2.50026	364687.77	3765073.98	5.93761
364747.77	3765073.98	2.48001	364767.77	3765073.98	2.00742
364787.77	3765073.98	1.66913	364807.77	3765073.98	1.41584
364827.77	3765073.98	1.22041	364867.77	3765073.98	0.94349
364887.77	3765073.98	0.84352	364907.77	3765073.98	0.76077
364927.77	3765073.98	0.69154	364947.77	3765073.98	0.63273
365007.77	3765073.98	0.49687	365021.75	3765063.62	0.43809
365082.65	3765075.82	0.38477	365146.54	3765067.22	0.29618
365135.74	3765077.46	0.32510	365207.77	3765073.98	0.25264
365227.77	3765073.98	0.23711	365267.77	3765073.98	0.20896
365287.77	3765073.98	0.19628	365307.77	3765073.98	0.18434
365327.77	3765073.98	0.17304	365347.77	3765073.98	0.16235
364607.77	3765093.98	1.41105	364627.77	3765093.98	2.53207
364647.77	3765093.98	5.82689	364727.77	3765093.98	6.04106
364747.77	3765093.98	4.22114	364767.77	3765093.98	3.14639
364787.77	3765093.98	2.45692	364807.77	3765093.98	1.98576
364867.77	3765093.98	1.20846	364887.77	3765093.98	1.05906
364927.77	3765093.98	0.84259	364947.77	3765093.98	0.76159
364991.25	3765100.94	0.66260	365007.77	3765093.98	0.58131
365130.02	3765090.09	0.35753	365123.92	3765104.35	0.40011
365192.80	3765102.56	0.30974	365207.77	3765093.98	0.28052
365267.77	3765093.98	0.22968	365287.77	3765093.98	0.21502
365307.77	3765093.98	0.20127	365327.77	3765093.98	0.18826
364587.77	3765113.98	0.89485	364607.77	3765113.98	1.29089
364627.77	3765113.98	2.03366	364647.77	3765113.98	3.51531
364667.77	3765113.98	6.80903	364747.77	3765113.98	8.21627
364767.77	3765113.98	5.44890	364787.77	3765113.98	3.90629
364807.77	3765113.98	2.96200	364847.77	3765113.98	1.91426
364867.77	3765113.98	1.60412	364907.77	3765113.98	1.19217
364927.77	3765113.98	1.05079	364987.77	3765113.98	0.75919
364974.19	3765124.83	0.90771	365167.77	3765113.98	0.36255

365187.77	3765113.98	0.33719	365247.77	3765113.98	0.27241
365267.77	3765113.98	0.25401	365287.77	3765113.98	0.23690
365307.77	3765113.98	0.22084	365327.77	3765113.98	0.20583
364587.77	3765133.98	0.82246	364607.77	3765133.98	1.11928
364627.77	3765133.98	1.59359	364647.77	3765133.98	2.38616
364707.77	3765133.98	11.47244	364787.77	3765133.98	6.85120

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 3) Construction HRA
*** Santa Monica

*** 02/13/23
*** 07:58:10
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364847.77	3765133.98	2.75383	364867.77	3765133.98	2.21817
364887.77	3765133.98	1.83970	364907.77	3765133.98	1.56008
364967.77	3765133.98	1.03984	365173.25	3765141.68	0.42552
365183.33	3765128.95	0.37615	365227.77	3765133.98	0.32822
365247.77	3765133.98	0.30459	365287.77	3765133.98	0.26242
365307.77	3765133.98	0.24355	365327.77	3765133.98	0.22624
364587.77	3765153.98	0.73998	364607.77	3765153.98	0.95858
364627.77	3765153.98	1.27615	364647.77	3765153.98	1.75391
364687.77	3765153.98	3.79132	364707.77	3765153.98	5.93531
364727.77	3765153.98	9.56192	364747.77	3765153.98	13.34667
364827.77	3765153.98	5.82931	364847.77	3765153.98	4.23361
364887.77	3765153.98	2.57748	364907.77	3765153.98	2.11519
364948.79	3765161.56	1.67292	364970.02	3765159.71	1.39551 Residential MER
365152.93	3765164.42	0.54732	365167.77	3765153.98	0.47452
365227.77	3765153.98	0.37172	365247.77	3765153.98	0.34332
365287.77	3765153.98	0.29277	365307.77	3765153.98	0.27039
365347.77	3765153.98	0.23122	365367.77	3765153.98	0.21363
364587.77	3765173.98	0.66048	364607.77	3765173.98	0.82432
364627.77	3765173.98	1.04756	364667.77	3765173.98	1.82536
364687.77	3765173.98	2.50813	364707.77	3765173.98	3.62306
364727.77	3765173.98	5.36999	364747.77	3765173.98	8.07252
364767.77	3765173.98	12.83035	364827.77	3765173.98	10.98011
364847.77	3765173.98	7.16831	364867.77	3765173.98	5.07360
364887.77	3765173.98	3.80977	364941.22	3765177.67	2.27843
364967.77	3765173.98	1.71854	365127.77	3765173.98	0.66496
365147.77	3765173.98	0.60488	365207.77	3765173.98	0.46300
365227.77	3765173.98	0.42485	365247.77	3765173.98	0.39011
365267.77	3765173.98	0.35786	365287.77	3765173.98	0.32862
365307.77	3765173.98	0.30225	365347.77	3765173.98	0.25604
365367.77	3765173.98	0.23553	364587.77	3765193.98	0.58930
364607.77	3765193.98	0.71455	364667.77	3765193.98	1.39749
364687.77	3765193.98	1.82900	364707.77	3765193.98	2.48259
364727.77	3765193.98	3.44241	364747.77	3765193.98	4.81190
364787.77	3765193.98	10.49099	364807.77	3765193.98	14.22134

364847.77	3765193.98	14.18243	364867.77	3765193.98	8.89262
364927.77	3765193.98	3.52262	364955.35	3765151.39	1.38955
365125.68	3765201.29	0.86314	365147.77	3765193.98	0.71786
365187.77	3765193.98	0.59081	365207.77	3765193.98	0.53797
365247.77	3765193.98	0.44714	365267.77	3765193.98	0.40721
365287.77	3765193.98	0.37094	365327.77	3765193.98	0.31157

365207.77	3765253.98	0.90160	365227.77	3765253.98	0.80167
365247.77	3765253.98	0.71633	365287.77	3765253.98	0.57265
365307.77	3765253.98	0.51417	365327.77	3765253.98	0.46397
365347.77	3765253.98	0.41753	365367.77	3765253.98	0.37431
365387.77	3765253.98	0.33545	365407.77	3765253.98	0.30090
365427.77	3765253.98	0.27035	365447.77	3765253.98	0.24323

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365487.77	3765253.98	0.19810	364607.77	3765273.98	0.43654
364627.77	3765273.98	0.49661	364647.77	3765273.98	0.56952
364667.77	3765273.98	0.65915	364687.77	3765273.98	0.77446
364727.77	3765273.98	1.11635	364747.77	3765273.98	1.35401
364767.77	3765273.98	1.65472	364787.77	3765273.98	2.03032
364807.77	3765273.98	2.51103	364827.77	3765273.98	3.15284
364867.77	3765273.98	5.39438	364887.77	3765273.98	7.32340
364907.77	3765273.98	10.21149	364927.77	3765273.98	14.85638
365089.63	3765267.30	2.55094	365127.77	3765273.98	2.02217
365147.77	3765273.98	1.72162	365167.77	3765273.98	1.48021
365187.77	3765273.98	1.28090	365207.77	3765273.98	1.11327
365227.77	3765273.98	0.97975	365267.77	3765273.98	0.76406
365287.77	3765273.98	0.67579	365307.77	3765273.98	0.60799
365327.77	3765273.98	0.54244	365347.77	3765273.98	0.48257
365367.77	3765273.98	0.42884	365387.77	3765273.98	0.38202
365407.77	3765273.98	0.33980	365427.77	3765273.98	0.30277
365447.77	3765273.98	0.27033	365467.77	3765273.98	0.24160
364587.77	3765293.98	0.35081	364607.77	3765293.98	0.39312
364627.77	3765293.98	0.44236	364647.77	3765293.98	0.50054
364667.77	3765293.98	0.57107	364687.77	3765293.98	0.66288
364727.77	3765293.98	0.91171	364747.77	3765293.98	1.08629
364767.77	3765293.98	1.29798	364787.77	3765293.98	1.56044
364807.77	3765293.98	1.88991	364867.77	3765293.98	3.63361
364887.77	3765293.98	4.67973	364907.77	3765293.98	6.08793
364927.77	3765293.98	8.06357	364947.77	3765293.98	11.11045
365049.08	3765286.12	6.11494	365058.68	3765297.13	7.18731
365127.77	3765293.98	2.77407	365147.77	3765293.98	2.29632
365167.77	3765293.98	1.93280	365187.77	3765293.98	1.64363
365207.77	3765293.98	1.41132	365227.77	3765293.98	1.22510
365267.77	3765293.98	0.92712	365287.77	3765293.98	0.81203
365307.77	3765293.98	0.72944	365327.77	3765293.98	0.64312
365387.77	3765293.98	0.43921	365407.77	3765293.98	0.38688
365427.77	3765293.98	0.34142	365447.77	3765293.98	0.30195
365467.77	3765293.98	0.26748	364587.77	3765313.98	0.32046

364607.77	3765313.98	0.35669	364627.77	3765313.98	0.39781
364647.77	3765313.98	0.44469	364667.77	3765313.98	0.50233
364707.77	3765313.98	0.65835	364727.77	3765313.98	0.76264
364747.77	3765313.98	0.89304	364767.77	3765313.98	1.04634
364787.77	3765313.98	1.23828	364847.77	3765313.98	2.14524
364867.77	3765313.98	2.64203	364887.77	3765313.98	3.27832

364887.77	3765353.98	1.87278	364907.77	3765353.98	2.22678
364927.77	3765353.98	2.64971	364947.77	3765353.98	3.15574
364967.77	3765353.98	3.79213	364987.77	3765353.98	4.63200
365007.77	3765353.98	5.78602	365027.77	3765353.98	7.41035
365047.77	3765353.98	9.98053	365127.77	3765353.98	13.46047
365147.77	3765353.98	8.87907	365167.77	3765353.98	6.35661

365047.77	3765393.98	4.16154	365067.77	3765393.98	5.09889	
365087.77	3765393.98	6.41016	365107.77	3765393.98	8.39578	
365127.77	3765393.98	11.55756	365147.77	3765393.98	17.03125	Offsite MER
365207.77	3765393.98	11.94400	365227.77	3765393.98	8.19346	
365247.77	3765393.98	5.94182	365267.77	3765393.98	4.48067	
365287.77	3765393.98	3.47038	365307.77	3765393.98	2.72859	

364747.77	3765453.98	0.35101	364767.77	3765453.98	0.38676
364787.77	3765453.98	0.42701	364807.77	3765453.98	0.47245
364827.77	3765453.98	0.52460	364847.77	3765453.98	0.58513
364867.77	3765453.98	0.65101	364887.77	3765453.98	0.72499
364907.77	3765453.98	0.80952	364927.77	3765453.98	0.90626
364947.77	3765453.98	1.01031	364967.77	3765453.98	1.12841

364787.77	3765513.98	0.30919	364807.77	3765513.98	0.33661
364847.77	3765513.98	0.39848	364867.77	3765513.98	0.43441
364887.77	3765513.98	0.47378	364907.77	3765513.98	0.51561
364927.77	3765513.98	0.55889	364967.77	3765513.98	0.66313
364987.77	3765513.98	0.72309	365007.77	3765513.98	0.80111
365027.77	3765513.98	0.89271	365047.77	3765513.98	0.99799

364927.77	3765593.98	0.33204	364947.77	3765593.98	0.35577
364967.77	3765593.98	0.38370	364987.77	3765593.98	0.41474
365007.77	3765593.98	0.45280	365047.77	3765593.98	0.54337
365067.77	3765593.98	0.59042	365087.77	3765593.98	0.64171
365107.77	3765593.98	0.69954	365127.77	3765593.98	0.75962
365147.77	3765593.98	0.82431	365167.77	3765593.98	0.89435

364981.41	3765228.97	3.83599	364994.42	3765236.24	3.84324
365002.46	3765244.28	4.15180	365025.05	3765263.80	4.87576
365036.53	3765269.93	4.84727	364972.60	3765211.74	3.01224
364981.03	3765200.64	2.29402	365079.71	3765089.51	0.42560
364996.21	3765200.81	2.01929	365028.49	3765220.93	2.09161
364980.26	3765188.39	1.91534	365043.63	3765130.02	0.67449

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
 INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
365063.63	3765130.02	0.61619	365083.63	3765130.02	0.56478	
365103.63	3765130.02	0.51931	365044.14	3765092.23	0.49565	
365043.63	3765150.02	0.81095	365063.63	3765150.02	0.73391	
365083.63	3765150.02	0.66694	365103.63	3765150.02	0.60849	
365061.73	3765084.21	0.43813	365023.63	3765170.02	1.11710	
365043.63	3765170.02	0.99308	365063.63	3765170.02	0.88870	
365083.63	3765170.02	0.79957	365031.23	3765110.18	0.60157	
365053.83	3765109.85	0.54567	365103.15	3765113.11	0.45937	
365076.24	3765109.53	0.49725	365002.09	3765184.79	1.54214	MER/Student Receptor
365020.15	3765194.69	1.54370	365038.52	3765193.71	1.34286	
365058.52	3765193.71	1.17991	365086.86	3765187.50	0.93303	
365064.13	3765229.67	1.78621	365036.57	3765209.80	1.67509	
365053.63	3765218.60	1.66195	365071.35	3765211.10	1.33245	
365098.52	3765213.71	1.15180	365015.25	3765256.24	4.63189	
365007.76	3765267.64	6.98232	365001.24	3765281.65	12.73710	
364943.24	3765233.96	7.50781	364952.04	3765222.36	4.79868	
364962.45	3765205.15	2.96046	364985.97	3765218.89	2.99523	
364998.15	3765226.20	3.02413	365010.33	3765235.41	3.16562	
364994.90	3765213.48	2.49730	365010.61	3765223.50	2.55254	
365021.16	3765247.87	3.59356	365033.62	3765244.07	2.92812	
365038.49	3765234.06	2.35682	365056.36	3765244.07	2.36541	
365046.35	3765258.70	3.38383	364965.12	3765248.95	8.15988	
364977.85	3765257.08	8.43051	364989.76	3765266.01	9.09103	
365013.86	3765287.13	11.95305	365023.61	3765292.82	12.08956	
365019.00	3765278.46	8.01453	365028.47	3765283.87	8.04509	
365079.03	3765196.53	1.07394				

365227.77	3764773.98	0.08416	365247.77	3764773.98	0.07630
365267.77	3764773.98	0.06922	365287.77	3764773.98	0.06284
365307.77	3764773.98	0.05721	365387.77	3764773.98	0.04052

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 3) Construction HRA *** 02/13/23
*** AERMET - VERSION 16216 *** *** Santa Monica *** 07:58:10
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365407.77	3764773.98	0.03749	365427.77	3764773.98	0.03477
364807.77	3764793.98	0.33148	364827.77	3764793.98	0.33111
364847.77	3764793.98	0.32814	364867.77	3764793.98	0.32329
364887.77	3764793.98	0.31648	364947.77	3764793.98	0.28561
365007.77	3764793.98	0.24175	365027.77	3764793.98	0.22577
365067.77	3764793.98	0.19344	365087.77	3764793.98	0.17778
365107.77	3764793.98	0.16253	365127.77	3764793.98	0.14791
365147.77	3764793.98	0.13401	365187.77	3764793.98	0.10922
365207.77	3764793.98	0.09854	365227.77	3764793.98	0.08890
365247.77	3764793.98	0.08021	365267.77	3764793.98	0.07245
365287.77	3764793.98	0.06558	365307.77	3764793.98	0.05949
365327.77	3764793.98	0.05416	365407.77	3764793.98	0.03857
365427.77	3764793.98	0.03575	365447.77	3764793.98	0.03326
365467.77	3764793.98	0.03103	364787.77	3764813.98	0.36151
364807.77	3764813.98	0.36546	364827.77	3764813.98	0.36656
364847.77	3764813.98	0.36477	364867.77	3764813.98	0.36113
364927.77	3764813.98	0.33481	364947.77	3764813.98	0.32154
364967.77	3764813.98	0.30612	365047.77	3764813.98	0.23305
365067.77	3764813.98	0.21421	365087.77	3764813.98	0.19577
365107.77	3764813.98	0.17795	365127.77	3764813.98	0.16091
365147.77	3764813.98	0.14499	365167.77	3764813.98	0.13018
365227.77	3764813.98	0.09384	365247.77	3764813.98	0.08434
365267.77	3764813.98	0.07587	365287.77	3764813.98	0.06840
365307.77	3764813.98	0.06185	365327.77	3764813.98	0.05614
365347.77	3764813.98	0.05115	365367.77	3764813.98	0.04682
365447.77	3764813.98	0.03417	365467.77	3764813.98	0.03185
364787.77	3764833.98	0.39742	364807.77	3764833.98	0.40380
364827.77	3764833.98	0.40697	364847.77	3764833.98	0.40733
364867.77	3764833.98	0.40544	364927.77	3764833.98	0.37941
364967.77	3764833.98	0.34716	364985.50	3764826.89	0.31517
365067.77	3764833.98	0.23846	365087.77	3764833.98	0.21660
365107.77	3764833.98	0.19560	365127.77	3764833.98	0.17566
365147.77	3764833.98	0.15730	365167.77	3764833.98	0.14034
365187.77	3764833.98	0.12500	365247.77	3764833.98	0.08872
365267.77	3764833.98	0.07944	365287.77	3764833.98	0.07134
365307.77	3764833.98	0.06432	365327.77	3764833.98	0.05821
365347.77	3764833.98	0.05292	365367.77	3764833.98	0.04834

365387.77	3764833.98	0.04436	364767.77	3764853.98	0.42398
364787.77	3764853.98	0.43693	364807.77	3764853.98	0.44690
364827.77	3764853.98	0.45378	364847.77	3764853.98	0.45757

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*** AERMOD - VERSION 21112 ***      *** SMM-08 (Phase 3) Construction HRA      ***      02/13/23
*** AERMET - VERSION 16216 ***      *** Santa Monica          ***      07:58:10
***                                     ***                                     ***      PAGE 123

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*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S):      1          , 2          ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364907.77	3764853.98	0.44635	364927.77	3764853.98	0.43382
364947.77	3764853.98	0.41694	364985.50	3764846.89	0.35849
365027.77	3764853.98	0.32101	365087.77	3764853.98	0.24076
365107.77	3764853.98	0.21591	365167.77	3764853.98	0.15160
365187.77	3764853.98	0.13412	365207.77	3764853.98	0.11866
365227.77	3764853.98	0.10518	365287.77	3764853.98	0.07444
365307.77	3764853.98	0.06691	365327.77	3764853.98	0.06037
365347.77	3764853.98	0.05475	365367.77	3764853.98	0.04991
365387.77	3764853.98	0.04575	365407.77	3764853.98	0.04213
365427.77	3764853.98	0.03894	364747.77	3764873.98	0.44319
364767.77	3764873.98	0.46282	364787.77	3764873.98	0.48077
364807.77	3764873.98	0.49594	364827.77	3764873.98	0.50779
364887.77	3764873.98	0.51936	364907.77	3764873.98	0.51263
364947.77	3764873.98	0.48050	364967.77	3764873.98	0.45679
365011.78	3764867.71	0.37548	365060.28	3764876.06	0.31725
365167.77	3764873.98	0.16408	365187.77	3764873.98	0.14402
365207.77	3764873.98	0.12650	365227.77	3764873.98	0.11142
365247.77	3764873.98	0.09838	365307.77	3764873.98	0.06957
365327.77	3764873.98	0.06265	365347.77	3764873.98	0.05672
365367.77	3764873.98	0.05162	365387.77	3764873.98	0.04725
365407.77	3764873.98	0.04344	365427.77	3764873.98	0.04011
364747.77	3764893.98	0.47967	364767.77	3764893.98	0.50394
364787.77	3764893.98	0.52917	364807.77	3764893.98	0.55149
364827.77	3764893.98	0.56998	364887.77	3764893.98	0.59784
364907.77	3764893.98	0.59315	364927.77	3764893.98	0.58010
364947.77	3764893.98	0.55875	365007.77	3764893.98	0.46211
365025.51	3764901.47	0.45116	365047.77	3764893.98	0.38212
365067.77	3764893.98	0.34200	365087.77	3764893.98	0.30332
365147.77	3764893.98	0.20444	365167.77	3764893.98	0.17808
365187.77	3764893.98	0.15496	365207.77	3764893.98	0.13505
365227.77	3764893.98	0.11811	365247.77	3764893.98	0.10369
365267.77	3764893.98	0.09151	365347.77	3764893.98	0.05880
365367.77	3764893.98	0.05346	365387.77	3764893.98	0.04886
365407.77	3764893.98	0.04486	364727.77	3764913.98	0.48507
364747.77	3764913.98	0.51737	364767.77	3764913.98	0.54941
364787.77	3764913.98	0.58248	364807.77	3764913.98	0.61332
364867.77	3764913.98	0.68329	364887.77	3764913.98	0.69228

364907.77	3764913.98	0.69109	364927.77	3764913.98	0.67890
364987.77	3764913.98	0.58542	365007.77	3764913.98	0.54036
365027.77	3764913.98	0.49108	365047.77	3764913.98	0.44149

365147.77	3764973.98	0.30952	365167.77	3764973.98	0.25646
365267.77	3764973.98	0.11291	365287.77	3764973.98	0.09880
365307.77	3764973.98	0.08721	365327.77	3764973.98	0.07770

*** AERMOD - VERSION 21112 ***
*** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 3) Construction HRA
*** Santa Monica

*** 02/13/23
*** 07:58:10
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365347.77	3764973.98	0.06984	364667.77	3764993.98	0.44633
364687.77	3764993.98	0.49310	364707.77	3764993.98	0.54567
364727.77	3764993.98	0.60543	364747.77	3764993.98	0.67341
364807.77	3764993.98	0.92633	364827.77	3764993.98	1.02527
364847.77	3764993.98	1.12780	364867.77	3764993.98	1.22741
364887.77	3764993.98	1.31650	364927.77	3764993.98	1.42688
364947.77	3764993.98	1.42913	364987.77	3764993.98	1.30711
365007.77	3764993.98	1.19103	365067.77	3764993.98	0.76419
365087.77	3764993.98	0.63678	365107.77	3764993.98	0.52461
365127.77	3764993.98	0.42904	365147.77	3764993.98	0.34872
365307.77	3764993.98	0.09261	365327.77	3764993.98	0.08252
365347.77	3764993.98	0.07417	364667.77	3765013.98	0.45268
364687.77	3765013.98	0.50315	364707.77	3765013.98	0.56140
364727.77	3765013.98	0.62882	364787.77	3765013.98	0.89735
364807.77	3765013.98	1.01236	364827.77	3765013.98	1.13988
364847.77	3765013.98	1.27851	364867.77	3765013.98	1.42194
364927.77	3765013.98	1.77871	364947.77	3765013.98	1.81951
364987.77	3765013.98	1.70142	365007.77	3765013.98	1.54115
365047.77	3765013.98	1.13242	365067.77	3765013.98	0.94076
365089.22	3765022.25	0.82409	365107.77	3765013.98	0.62197
365127.77	3765013.98	0.49797	365177.19	3765021.56	0.30106
365327.77	3765013.98	0.08891	364647.77	3765033.98	0.40875
364667.77	3765033.98	0.45520	364687.77	3765033.98	0.50899
364707.77	3765033.98	0.57205	364727.77	3765033.98	0.64610
364787.77	3765033.98	0.95444	364807.77	3765033.98	1.09373
364827.77	3765033.98	1.25462	364847.77	3765033.98	1.43778
364907.77	3765033.98	2.06702	364927.77	3765033.98	2.25259
364967.77	3765033.98	2.41530	364987.77	3765033.98	2.30725
365040.35	3765045.52	1.83650	365047.77	3765033.98	1.45013
365081.79	3765036.73	1.04843	365102.74	3765037.11	0.82530
365115.93	3765028.17	0.64444	365167.77	3765033.98	0.36160
364667.77	3765053.98	0.45363	364687.77	3765053.98	0.50994
364707.77	3765053.98	0.57670	364767.77	3765053.98	0.86465
364787.77	3765053.98	1.00085	364807.77	3765053.98	1.16480
364827.77	3765053.98	1.36182	364847.77	3765053.98	1.59622
364887.77	3765053.98	2.19014	364907.77	3765053.98	2.54139
364947.77	3765053.98	3.20521	364967.77	3765053.98	3.38056

365027.77	3765053.98	2.40736	365073.47	3765062.47	1.60523
365090.56	3765063.14	1.32358	365097.13	3765048.66	1.00802
365147.77	3765053.98	0.54556	365164.40	3765046.03	0.41088

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 3) Construction HRA   ***   02/13/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   07:58:10
                                     PAGE 126

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*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ONSITE   ***
INCLUDING SOURCE(S):   1           , 2           ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365207.77	3765053.98	0.26590	365227.77	3765053.98	0.22013
365287.77	3765053.98	0.14132	365307.77	3765053.98	0.12533
365327.77	3765053.98	0.11204	364607.77	3765073.98	0.32185
364627.77	3765073.98	0.35752	364687.77	3765073.98	0.50573
364747.77	3765073.98	0.75854	364767.77	3765073.98	0.88116
364787.77	3765073.98	1.03178	364807.77	3765073.98	1.21849
364827.77	3765073.98	1.45097	364867.77	3765073.98	2.10420
364887.77	3765073.98	2.55624	364907.77	3765073.98	3.10529
364927.77	3765073.98	3.74574	364947.77	3765073.98	4.42585
365007.77	3765073.98	4.51017	365021.75	3765063.62	3.06580
365082.65	3765075.82	1.77215	365146.54	3765067.22	0.63730
365135.74	3765077.46	0.85822	365207.77	3765073.98	0.31762
365227.77	3765073.98	0.26360	365267.77	3765073.98	0.19417
365287.77	3765073.98	0.17043	365307.77	3765073.98	0.15099
365327.77	3765073.98	0.13471	365347.77	3765073.98	0.12091
364607.77	3765093.98	0.31269	364627.77	3765093.98	0.34792
364647.77	3765093.98	0.38918	364727.77	3765093.98	0.65022
364747.77	3765093.98	0.75417	364767.77	3765093.98	0.88254
364787.77	3765093.98	1.04337	364807.77	3765093.98	1.24762
364867.77	3765093.98	2.31056	364887.77	3765093.98	2.91913
364927.77	3765093.98	4.82355	364947.77	3765093.98	6.20390
364991.25	3765100.94	11.07636	365007.77	3765093.98	7.98570
365130.02	3765090.09	1.16800	365123.92	3765104.35	1.81129
365192.80	3765102.56	0.56375	365207.77	3765093.98	0.41413
365267.77	3765093.98	0.25333	365287.77	3765093.98	0.22109
365307.77	3765093.98	0.19439	365327.77	3765093.98	0.17203
364587.77	3765113.98	0.27236	364607.77	3765113.98	0.30167
364627.77	3765113.98	0.33587	364647.77	3765113.98	0.37608
364667.77	3765113.98	0.42372	364747.77	3765113.98	0.73741
364767.77	3765113.98	0.86758	364787.77	3765113.98	1.03297
364807.77	3765113.98	1.24700	364847.77	3765113.98	1.91501
364867.77	3765113.98	2.45022	364907.77	3765113.98	4.33350
364927.77	3765113.98	6.02442	364987.77	3765113.98	16.90547
364974.19	3765124.83	17.93989	365167.77	3765113.98	0.98953
365187.77	3765113.98	0.75705	365247.77	3765113.98	0.42428
365267.77	3765113.98	0.36096	365287.77	3765113.98	0.30955
365307.77	3765113.98	0.26744	365327.77	3765113.98	0.23282

364587.77	3765133.98	0.26106	364607.77	3765133.98	0.28905
364627.77	3765133.98	0.32176	364647.77	3765133.98	0.36025
364707.77	3765133.98	0.52673	364787.77	3765133.98	0.99995

365187.77	3765193.98	7.81233	365207.77	3765193.98	5.03393
365247.77	3765193.98	2.44841	365267.77	3765193.98	1.80807
365287.77	3765193.98	1.36733	365327.77	3765193.98	0.87126

365347.77	3765253.98	1.31098	365367.77	3765253.98	1.08427
365387.77	3765253.98	0.90400	365407.77	3765253.98	0.76009
365427.77	3765253.98	0.64506	365447.77	3765253.98	0.55139

364747.77	3765313.98	0.29610	364767.77	3765313.98	0.32642
364787.77	3765313.98	0.36179	364847.77	3765313.98	0.50592
364867.77	3765313.98	0.57676	364887.77	3765313.98	0.66405

365007.77	3765353.98	1.17718	365027.77	3765353.98	1.42394
365047.77	3765353.98	1.71908	365127.77	3765353.98	2.68000
365147.77	3765353.98	2.81111	365167.77	3765353.98	2.89053

365207.77	3765393.98	1.99737	365227.77	3765393.98	2.00025
365247.77	3765393.98	1.96530	365267.77	3765393.98	1.89803
365287.77	3765393.98	1.80568	365307.77	3765393.98	1.69698

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 3) Construction HRA
 *** Santa Monica

*** 02/13/23
 *** 07:58:10
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365327.77	3765393.98	1.57962	365347.77	3765393.98	1.45827
365367.77	3765393.98	1.33693	365387.77	3765393.98	1.21802
364647.77	3765413.98	0.12207	364667.77	3765413.98	0.12851
364687.77	3765413.98	0.13625	364707.77	3765413.98	0.14506
364727.77	3765413.98	0.15541	364787.77	3765413.98	0.19021
364807.77	3765413.98	0.20403	364827.77	3765413.98	0.22024
364847.77	3765413.98	0.23912	364867.77	3765413.98	0.26171
364887.77	3765413.98	0.28727	364907.77	3765413.98	0.31532
364927.77	3765413.98	0.34995	364947.77	3765413.98	0.39408
364967.77	3765413.98	0.44607	364987.77	3765413.98	0.50795
365047.77	3765413.98	0.79199	365067.77	3765413.98	0.91297
365087.77	3765413.98	1.04327	365107.77	3765413.98	1.17370
365127.77	3765413.98	1.29806	365147.77	3765413.98	1.42228
365187.77	3765413.98	1.60505	365247.77	3765413.98	1.69228
365267.77	3765413.98	1.65938	365287.77	3765413.98	1.60366
365307.77	3765413.98	1.53134	365327.77	3765413.98	1.44844
365347.77	3765413.98	1.35760	365367.77	3765413.98	1.26232
365387.77	3765413.98	1.16444	364647.77	3765433.98	0.11220
364667.77	3765433.98	0.11741	364687.77	3765433.98	0.12397
364707.77	3765433.98	0.13159	364767.77	3765433.98	0.15930
364787.77	3765433.98	0.16999	364807.77	3765433.98	0.18177
364827.77	3765433.98	0.19535	364847.77	3765433.98	0.21137
364867.77	3765433.98	0.22926	364887.77	3765433.98	0.24930
364907.77	3765433.98	0.27243	364927.77	3765433.98	0.30136
364947.77	3765433.98	0.33474	364967.77	3765433.98	0.37410
364987.77	3765433.98	0.42254	365027.77	3765433.98	0.55542
365047.77	3765433.98	0.63906	365067.77	3765433.98	0.73453
365087.77	3765433.98	0.83896	365107.77	3765433.98	0.94519
365127.77	3765433.98	1.05608	365167.77	3765433.98	1.24863
365187.77	3765433.98	1.32795	365207.77	3765433.98	1.39244
365227.77	3765433.98	1.43397	365287.77	3765433.98	1.41686
365307.77	3765433.98	1.37161	365327.77	3765433.98	1.31512
365347.77	3765433.98	1.24897	365367.77	3765433.98	1.17538
364687.77	3765453.98	0.11320	364707.77	3765453.98	0.12007
364747.77	3765453.98	0.13487	364767.77	3765453.98	0.14333
364787.77	3765453.98	0.15260	364807.77	3765453.98	0.16271
364827.77	3765453.98	0.17418	364847.77	3765453.98	0.18754

364867.77	3765453.98	0.20181	364887.77	3765453.98	0.21799
364907.77	3765453.98	0.23725	364927.77	3765453.98	0.26057
364947.77	3765453.98	0.28620	364967.77	3765453.98	0.31744

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*** AERMOD - VERSION 21112 ***   *** SMM-08 (Phase 3) Construction HRA   ***   02/13/23
*** AERMET - VERSION 16216 ***   *** Santa Monica   ***   07:58:10
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*** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ONSITE   ***
    INCLUDING SOURCE(S):       1           ,  2           ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365007.77	3765453.98	0.40402	365027.77	3765453.98	0.45934
365047.77	3765453.98	0.52537	365067.77	3765453.98	0.60109
365087.77	3765453.98	0.68538	365107.77	3765453.98	0.77420
365147.77	3765453.98	0.95130	365167.77	3765453.98	1.02965
365187.77	3765453.98	1.10688	365207.77	3765453.98	1.16702
365227.77	3765453.98	1.21422	365247.77	3765453.98	1.24421
365327.77	3765453.98	1.18456	365347.77	3765453.98	1.13941
365367.77	3765453.98	1.08688	364747.77	3765473.98	0.12222
364767.77	3765473.98	0.12953	364787.77	3765473.98	0.13743
364807.77	3765473.98	0.14604	364827.77	3765473.98	0.15591
364847.77	3765473.98	0.16648	364867.77	3765473.98	0.17825
364887.77	3765473.98	0.19197	364907.77	3765473.98	0.20808
364927.77	3765473.98	0.22589	364947.77	3765473.98	0.24603
365007.77	3765473.98	0.33899	365027.77	3765473.98	0.38493
365047.77	3765473.98	0.43853	365067.77	3765473.98	0.49980
365087.77	3765473.98	0.56814	365127.77	3765473.98	0.71746
365147.77	3765473.98	0.78820	365167.77	3765473.98	0.85807
365187.77	3765473.98	0.92957	365207.77	3765473.98	0.98339
365227.77	3765473.98	1.03140	365247.77	3765473.98	1.06697
365267.77	3765473.98	1.08611	365287.77	3765473.98	1.08819
364747.77	3765493.98	0.11108	364767.77	3765493.98	0.11729
364787.77	3765493.98	0.12406	364807.77	3765493.98	0.13157
364827.77	3765493.98	0.13998	364847.77	3765493.98	0.14865
364867.77	3765493.98	0.15860	364887.77	3765493.98	0.16995
364907.77	3765493.98	0.18269	364927.77	3765493.98	0.19674
364947.77	3765493.98	0.21451	364987.77	3765493.98	0.26013
365007.77	3765493.98	0.29048	365027.77	3765493.98	0.32828
365047.77	3765493.98	0.37241	365067.77	3765493.98	0.42291
365087.77	3765493.98	0.47906	365127.77	3765493.98	0.60041
365147.77	3765493.98	0.66199	365167.77	3765493.98	0.72291
365187.77	3765493.98	0.78251	365207.77	3765493.98	0.83348
365227.77	3765493.98	0.88004	365247.77	3765493.98	0.91556
365267.77	3765493.98	0.93747	365287.77	3765493.98	0.94979
365307.77	3765493.98	0.95148	365327.77	3765493.98	0.94339
364787.77	3765513.98	0.11240	364807.77	3765513.98	0.11899
364847.77	3765513.98	0.13342	364867.77	3765513.98	0.14187
364887.77	3765513.98	0.15127	364907.77	3765513.98	0.16155

364927.77	3765513.98	0.17292	364967.77	3765513.98	0.20536
364987.77	3765513.98	0.22557	365007.77	3765513.98	0.25176
365027.77	3765513.98	0.28307	365047.77	3765513.98	0.31982

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*** AERMOD - VERSION 21112 ***      *** SMM-08 (Phase 3) Construction HRA      ***      02/13/23
*** AERMET - VERSION 16216 ***      *** Santa Monica      ***      07:58:10
                                           PAGE 134

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*** MODELOPTs:      RegDFAULT CONC  ELEV  URBAN  ADJ_U*

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*** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S):      1      ,  2      ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365067.77	3765513.98	0.36165	365107.77	3765513.98	0.45651
365127.77	3765513.98	0.50791	365147.77	3765513.98	0.56079
365167.77	3765513.98	0.61351	365187.77	3765513.98	0.66361
365207.77	3765513.98	0.71090	365227.77	3765513.98	0.75246
365247.77	3765513.98	0.78558	365267.77	3765513.98	0.80958
365287.77	3765513.98	0.82754	365307.77	3765513.98	0.83642
365327.77	3765513.98	0.83726	364867.77	3765533.98	0.12737
364887.77	3765533.98	0.13518	364907.77	3765533.98	0.14359
364967.77	3765533.98	0.18020	364987.77	3765533.98	0.19818
365007.77	3765533.98	0.22059	365027.77	3765533.98	0.24671
365047.77	3765533.98	0.27743	365087.77	3765533.98	0.34979
365107.77	3765533.98	0.39044	365127.77	3765533.98	0.43399
365147.77	3765533.98	0.47919	365167.77	3765533.98	0.52427
365187.77	3765533.98	0.56706	365207.77	3765533.98	0.61033
365227.77	3765533.98	0.64515	365247.77	3765533.98	0.67443
365267.77	3765533.98	0.70021	365287.77	3765533.98	0.72071
365307.77	3765533.98	0.73457	364947.77	3765553.98	0.14832
364967.77	3765553.98	0.16085	364987.77	3765553.98	0.17638
365007.77	3765553.98	0.19523	365027.77	3765553.98	0.21738
365047.77	3765553.98	0.24305	365087.77	3765553.98	0.30285
365107.77	3765553.98	0.33703	365127.77	3765553.98	0.37374
365147.77	3765553.98	0.41173	365167.77	3765553.98	0.45011
365187.77	3765553.98	0.48835	365207.77	3765553.98	0.52342
365227.77	3765553.98	0.55495	365247.77	3765553.98	0.58376
365267.77	3765553.98	0.61001	365287.77	3765553.98	0.63173
364927.77	3765573.98	0.12449	364947.77	3765573.98	0.13362
364967.77	3765573.98	0.14471	364987.77	3765573.98	0.15807
365007.77	3765573.98	0.17401	365027.77	3765573.98	0.19297
365067.77	3765573.98	0.23825	365087.77	3765573.98	0.26424
365107.77	3765573.98	0.29320	365127.77	3765573.98	0.32406
365147.77	3765573.98	0.35617	365167.77	3765573.98	0.38894
365187.77	3765573.98	0.42208	365207.77	3765573.98	0.45177
365227.77	3765573.98	0.48019	365247.77	3765573.98	0.50689
365267.77	3765573.98	0.53114	365287.77	3765573.98	0.55237
364927.77	3765593.98	0.11313	364947.77	3765593.98	0.12127
364967.77	3765593.98	0.13093	364987.77	3765593.98	0.14228
365007.77	3765593.98	0.15609	365047.77	3765593.98	0.19032

365067.77	3765593.98	0.21003	365087.77	3765593.98	0.23208
365107.77	3765593.98	0.25678	365127.77	3765593.98	0.28272
365147.77	3765593.98	0.30999	365167.77	3765593.98	0.33819

364981.03	3765200.64	21.03824	365079.71	3765089.51	2.36441
364996.21	3765200.81	41.98173	365028.49	3765220.93	25.67319
364980.26	3765188.39	33.83635	365043.63	3765130.02	15.89996

*** AERMOD - VERSION 21112 ***
 *** AERMET - VERSION 16216 ***

*** SMM-08 (Phase 3) Construction HRA
 *** Santa Monica

*** 02/13/23
 *** 07:58:10
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID	AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
OFFSITE	1ST HIGHEST VALUE IS	17.03125 AT (	365147.77,	3765393.98,	51.53,	51.53,	0.00)	DC
	2ND HIGHEST VALUE IS	17.01365 AT (	365327.77,	3765493.98,	49.81,	49.81,	0.00)	DC
	3RD HIGHEST VALUE IS	16.59697 AT (	365287.77,	3765473.98,	49.38,	49.38,	0.00)	DC
	4TH HIGHEST VALUE IS	15.58653 AT (	365187.77,	3765413.98,	51.27,	51.27,	0.00)	DC
	5TH HIGHEST VALUE IS	15.53191 AT (	365107.77,	3765373.98,	50.54,	50.54,	0.00)	DC
	6TH HIGHEST VALUE IS	15.29227 AT (	365007.77,	3765313.98,	47.53,	47.53,	0.00)	DC
	7TH HIGHEST VALUE IS	15.28134 AT (	365247.77,	3765453.98,	49.51,	49.51,	0.00)	DC
	8TH HIGHEST VALUE IS	14.85638 AT (	364927.77,	3765273.98,	47.46,	47.46,	0.00)	DC
	9TH HIGHEST VALUE IS	14.22134 AT (	364807.77,	3765193.98,	47.19,	47.19,	0.00)	DC
	10TH HIGHEST VALUE IS	14.18243 AT (	364847.77,	3765193.98,	47.17,	47.17,	0.00)	DC
ONSITE	1ST HIGHEST VALUE IS	90.40562 AT (	365002.09,	3765184.79,	47.69,	47.69,	0.00)	DC
	2ND HIGHEST VALUE IS	89.69489 AT (	365023.63,	3765170.02,	47.38,	47.38,	0.00)	DC
	3RD HIGHEST VALUE IS	63.02919 AT (	365020.15,	3765194.69,	47.61,	47.61,	0.00)	DC
	4TH HIGHEST VALUE IS	58.33545 AT (	365043.63,	3765170.02,	47.24,	47.24,	0.00)	DC
	5TH HIGHEST VALUE IS	54.44602 AT (	365043.63,	3765150.02,	47.17,	47.17,	0.00)	DC
	6TH HIGHEST VALUE IS	48.12745 AT (	365038.52,	3765193.71,	47.42,	47.42,	0.00)	DC
	7TH HIGHEST VALUE IS	41.98173 AT (	364996.21,	3765200.81,	47.87,	47.87,	0.00)	DC
	8TH HIGHEST VALUE IS	41.81521 AT (	365127.77,	3765173.98,	46.04,	46.04,	0.00)	DC
	9TH HIGHEST VALUE IS	37.92539 AT (	365125.68,	3765201.29,	46.25,	46.25,	0.00)	DC
	10TH HIGHEST VALUE IS	37.12741 AT (	365063.63,	3765170.02,	47.03,	47.03,	0.00)	DC

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

*** AERMOD - VERSION 21112 *** *** SMM-08 (Phase 3) Construction HRA
*** AERMET - VERSION 16216 *** *** Santa Monica

*** 02/13/23
*** 07:58:10
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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 799 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 455 Calm Hours Identified

A Total of 344 Missing Hours Identified (0.78 Percent)

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

***** WARNING MESSAGES *****
ME W186 1247 MEOPEN: THRESH_LMIN 1-min ASOS wind speed threshold used 0.50
ME W187 1247 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

Results Summary

SMM-08 (Phase 3) Construction HRA
 Santa Monica

Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		17.03125	ug/m^3	365147.77	3765393.98	51.53	0.00	51.53	

Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		90.40562	ug/m^3	365002.09	3765184.79	47.69	0.00	47.69	

Sensitive Receptor Summary

SMM-08 (Phase 3) Construction HRA
Santa Monica

Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		8.84030	ug/m^3	1166	364949.64	3765242.75	47.60	0.00	47.60	
PERIOD		2.02594	ug/m^3	1166	365015.92	3765211.81	47.77	0.00	47.77	
PERIOD		6.08836	ug/m^3	1166	364956.11	3765233.96	47.83	0.00	47.83	
PERIOD		5.00479	ug/m^3	1166	364972.99	3765235.86	47.83	0.00	47.83	
PERIOD		5.21472	ug/m^3	1166	364984.47	3765243.90	47.74	0.00	47.74	
PERIOD		5.17672	ug/m^3	1166	364998.63	3765251.56	47.72	0.00	47.72	
PERIOD		4.16916	ug/m^3	1166	364964.05	3765223.04	47.95	0.00	47.95	
PERIOD		3.83599	ug/m^3	1166	364981.41	3765228.97	47.92	0.00	47.92	
PERIOD		3.84324	ug/m^3	1166	364994.42	3765236.24	47.83	0.00	47.83	
PERIOD		4.15180	ug/m^3	1166	365002.46	3765244.28	47.78	0.00	47.78	
PERIOD		4.87576	ug/m^3	1166	365025.05	3765263.80	47.67	0.00	47.67	
PERIOD		4.84727	ug/m^3	1166	365036.53	3765269.93	47.66	0.00	47.66	
PERIOD		3.01224	ug/m^3	1166	364972.60	3765211.74	47.97	0.00	47.97	
PERIOD		2.29402	ug/m^3	1166	364981.03	3765200.64	47.94	0.00	47.94	
PERIOD		0.42560	ug/m^3	1166	365079.71	3765089.51	46.05	0.00	46.05	
PERIOD		2.01929	ug/m^3	1166	364996.21	3765200.81	47.87	0.00	47.87	
PERIOD		2.09161	ug/m^3	1166	365028.49	3765220.93	47.80	0.00	47.80	
PERIOD		1.91534	ug/m^3	1166	364980.26	3765188.39	47.84	0.00	47.84	
PERIOD		0.67449	ug/m^3		365043.63	3765130.02	47.02	0.00	47.02	
PERIOD		0.61619	ug/m^3		365063.63	3765130.02	46.81	0.00	46.81	

Sensitive Receptor Summary

SMM-08 (Phase 3) Construction HRA
Santa Monica

Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.56478	ug/m^3		365083.63	3765130.02	46.44	0.00	46.44	
PERIOD		0.51931	ug/m^3		365103.63	3765130.02	46.41	0.00	46.41	
PERIOD		0.49565	ug/m^3		365044.14	3765092.23	46.35	0.00	46.35	
PERIOD		0.81095	ug/m^3		365043.63	3765150.02	47.17	0.00	47.17	
PERIOD		0.73391	ug/m^3		365063.63	3765150.02	46.95	0.00	46.95	
PERIOD		0.66694	ug/m^3		365083.63	3765150.02	46.62	0.00	46.62	
PERIOD		0.60849	ug/m^3		365103.63	3765150.02	46.60	0.00	46.60	
PERIOD		0.43813	ug/m^3		365061.73	3765084.21	46.20	0.00	46.20	
PERIOD		1.11710	ug/m^3		365023.63	3765170.02	47.38	0.00	47.38	
PERIOD		0.99308	ug/m^3		365043.63	3765170.02	47.24	0.00	47.24	
PERIOD		0.88870	ug/m^3		365063.63	3765170.02	47.03	0.00	47.03	
PERIOD		0.79957	ug/m^3		365083.63	3765170.02	46.78	0.00	46.78	
PERIOD		0.60157	ug/m^3		365031.23	3765110.18	46.69	0.00	46.69	
PERIOD		0.54567	ug/m^3		365053.83	3765109.85	46.71	0.00	46.71	
PERIOD		0.45937	ug/m^3		365103.15	3765113.11	46.08	0.00	46.08	
PERIOD		0.49725	ug/m^3		365076.24	3765109.53	46.28	0.00	46.28	
PERIOD		1.54214	ug/m^3		365002.09	3765184.79	47.69	0.00	47.69	
PERIOD		1.54370	ug/m^3		365020.15	3765194.69	47.61	0.00	47.61	
PERIOD		1.34286	ug/m^3		365038.52	3765193.71	47.42	0.00	47.42	
PERIOD		1.17991	ug/m^3		365058.52	3765193.71	47.23	0.00	47.23	

Sensitive Receptor Summary

SMM-08 (Phase 3) Construction HRA
Santa Monica

Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.93303	ug/m^3		365086.86	3765187.50	46.82	0.00	46.82	
PERIOD		1.78621	ug/m^3		365064.13	3765229.67	47.26	0.00	47.26	
PERIOD		1.67509	ug/m^3		365036.57	3765209.80	47.60	0.00	47.60	
PERIOD		1.66195	ug/m^3		365053.63	3765218.60	47.53	0.00	47.53	
PERIOD		1.33245	ug/m^3		365071.35	3765211.10	47.05	0.00	47.05	
PERIOD		1.15180	ug/m^3		365098.52	3765213.71	46.58	0.00	46.58	
PERIOD		4.63189	ug/m^3	1166	365015.25	3765256.24	47.73	0.00	47.73	
PERIOD		6.98232	ug/m^3	1166	365007.76	3765267.64	47.51	0.00	47.51	
PERIOD		12.73710	ug/m^3	1166	365001.24	3765281.65	47.09	0.00	47.09	
PERIOD		7.50781	ug/m^3	1166	364943.24	3765233.96	47.72	0.00	47.72	
PERIOD		4.79868	ug/m^3	1166	364952.04	3765222.36	47.96	0.00	47.96	
PERIOD		2.96046	ug/m^3	1166	364962.45	3765205.15	48.05	0.00	48.05	
PERIOD		2.99523	ug/m^3	1166	364985.97	3765218.89	47.91	0.00	47.91	
PERIOD		3.02413	ug/m^3	1166	364998.15	3765226.20	47.87	0.00	47.87	
PERIOD		3.16562	ug/m^3	1166	365010.33	3765235.41	47.83	0.00	47.83	
PERIOD		2.49730	ug/m^3	1166	364994.90	3765213.48	47.88	0.00	47.88	
PERIOD		2.55254	ug/m^3	1166	365010.61	3765223.50	47.84	0.00	47.84	
PERIOD		3.59356	ug/m^3	1166	365021.16	3765247.87	47.78	0.00	47.78	
PERIOD		2.92812	ug/m^3	1166	365033.62	3765244.07	47.77	0.00	47.77	
PERIOD		2.35682	ug/m^3	1166	365038.49	3765234.06	47.77	0.00	47.77	

Sensitive Receptor Summary

SMM-08 (Phase 3) Construction HRA
 Santa Monica

Concentration - Source Group: OFFSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		2.36541	ug/m^3	1166	365056.36	3765244.07	47.53	0.00	47.53	
PERIOD		3.38383	ug/m^3	1166	365046.35	3765258.70	47.56	0.00	47.56	
PERIOD		8.15988	ug/m^3	1166	364965.12	3765248.95	47.56	0.00	47.56	
PERIOD		8.43051	ug/m^3	1166	364977.85	3765257.08	47.52	0.00	47.52	
PERIOD		9.09103	ug/m^3	1166	364989.76	3765266.01	47.47	0.00	47.47	
PERIOD		11.95305	ug/m^3	1166	365013.86	3765287.13	47.12	0.00	47.12	
PERIOD		12.08956	ug/m^3	1166	365023.61	3765292.82	47.35	0.00	47.35	
PERIOD		8.01453	ug/m^3	1166	365019.00	3765278.46	47.41	0.00	47.41	
PERIOD		8.04509	ug/m^3	1166	365028.47	3765283.87	47.54	0.00	47.54	
PERIOD		1.07394	ug/m^3	1166	365079.03	3765196.53	47.06	0.00	47.06	

Sensitive Receptor Summary

SMM-08 (Phase 3) Construction HRA
Santa Monica

Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		3.10424	ug/m^3	1166	364949.64	3765242.75	47.60	0.00	47.60	
PERIOD		34.75917	ug/m^3	1166	365015.92	3765211.81	47.77	0.00	47.77	
PERIOD		4.09976	ug/m^3	1166	364956.11	3765233.96	47.83	0.00	47.83	
PERIOD		5.39767	ug/m^3	1166	364972.99	3765235.86	47.83	0.00	47.83	
PERIOD		5.70528	ug/m^3	1166	364984.47	3765243.90	47.74	0.00	47.74	
PERIOD		6.38086	ug/m^3	1166	364998.63	3765251.56	47.72	0.00	47.72	
PERIOD		6.14785	ug/m^3	1166	364964.05	3765223.04	47.95	0.00	47.95	
PERIOD		7.90899	ug/m^3	1166	364981.41	3765228.97	47.92	0.00	47.92	
PERIOD		8.97380	ug/m^3	1166	364994.42	3765236.24	47.83	0.00	47.83	
PERIOD		8.47503	ug/m^3	1166	365002.46	3765244.28	47.78	0.00	47.78	
PERIOD		7.18783	ug/m^3	1166	365025.05	3765263.80	47.67	0.00	47.67	
PERIOD		7.01680	ug/m^3	1166	365036.53	3765269.93	47.66	0.00	47.66	
PERIOD		10.47443	ug/m^3	1166	364972.60	3765211.74	47.97	0.00	47.97	
PERIOD		21.03824	ug/m^3	1166	364981.03	3765200.64	47.94	0.00	47.94	
PERIOD		2.36441	ug/m^3	1166	365079.71	3765089.51	46.05	0.00	46.05	
PERIOD		41.98173	ug/m^3	1166	364996.21	3765200.81	47.87	0.00	47.87	
PERIOD		25.67319	ug/m^3	1166	365028.49	3765220.93	47.80	0.00	47.80	
PERIOD		33.83635	ug/m^3	1166	364980.26	3765188.39	47.84	0.00	47.84	
PERIOD		15.89996	ug/m^3		365043.63	3765130.02	47.02	0.00	47.02	
PERIOD		11.42951	ug/m^3		365063.63	3765130.02	46.81	0.00	46.81	

Sensitive Receptor Summary

SMM-08 (Phase 3) Construction HRA
Santa Monica

Concentration - Source Group: ONSITE										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		9.65400	ug/m^3		365083.63	3765130.02	46.44	0.00	46.44	
PERIOD		7.28038	ug/m^3		365103.63	3765130.02	46.41	0.00	46.41	
PERIOD		3.72914	ug/m^3		365044.14	3765092.23	46.35	0.00	46.35	
PERIOD		54.44602	ug/m^3		365043.63	3765150.02	47.17	0.00	47.17	
PERIOD		27.95997	ug/m^3		365063.63	3765150.02	46.95	0.00	46.95	
PERIOD		22.80471	ug/m^3		365083.63	3765150.02	46.62	0.00	46.62	
PERIOD		19.14184	ug/m^3		365103.63	3765150.02	46.60	0.00	46.60	
PERIOD		2.57398	ug/m^3		365061.73	3765084.21	46.20	0.00	46.20	
PERIOD		89.69489	ug/m^3		365023.63	3765170.02	47.38	0.00	47.38	
PERIOD		58.33545	ug/m^3		365043.63	3765170.02	47.24	0.00	47.24	
PERIOD		37.12741	ug/m^3		365063.63	3765170.02	47.03	0.00	47.03	
PERIOD		37.02151	ug/m^3		365083.63	3765170.02	46.78	0.00	46.78	
PERIOD		7.22271	ug/m^3		365031.23	3765110.18	46.69	0.00	46.69	
PERIOD		4.68475	ug/m^3		365053.83	3765109.85	46.71	0.00	46.71	
PERIOD		3.62040	ug/m^3		365103.15	3765113.11	46.08	0.00	46.08	
PERIOD		4.14993	ug/m^3		365076.24	3765109.53	46.28	0.00	46.28	
PERIOD		90.40562	ug/m^3		365002.09	3765184.79	47.69	0.00	47.69	
PERIOD		63.02919	ug/m^3		365020.15	3765194.69	47.61	0.00	47.61	
PERIOD		48.12745	ug/m^3		365038.52	3765193.71	47.42	0.00	47.42	
PERIOD		34.88529	ug/m^3		365058.52	3765193.71	47.23	0.00	47.23	

Sensitive Receptor Summary

SMM-08 (Phase 3) Construction HRA
Santa Monica

Concentration - Source Group: ONSITE										
Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		33.56028	ug/m^3		365086.86	3765187.50	46.82	0.00	46.82	
PERIOD		18.16294	ug/m^3		365064.13	3765229.67	47.26	0.00	47.26	
PERIOD		34.24456	ug/m^3		365036.57	3765209.80	47.60	0.00	47.60	
PERIOD		24.21274	ug/m^3		365053.63	3765218.60	47.53	0.00	47.53	
PERIOD		23.61540	ug/m^3		365071.35	3765211.10	47.05	0.00	47.05	
PERIOD		21.52051	ug/m^3		365098.52	3765213.71	46.58	0.00	46.58	
PERIOD		7.62866	ug/m^3	1166	365015.25	3765256.24	47.73	0.00	47.73	
PERIOD		5.07264	ug/m^3	1166	365007.76	3765267.64	47.51	0.00	47.51	
PERIOD		3.37788	ug/m^3	1166	365001.24	3765281.65	47.09	0.00	47.09	
PERIOD		3.34346	ug/m^3	1166	364943.24	3765233.96	47.72	0.00	47.72	
PERIOD		4.93815	ug/m^3	1166	364952.04	3765222.36	47.96	0.00	47.96	
PERIOD		9.76515	ug/m^3	1166	364962.45	3765205.15	48.05	0.00	48.05	
PERIOD		12.50482	ug/m^3	1166	364985.97	3765218.89	47.91	0.00	47.91	
PERIOD		13.93564	ug/m^3	1166	364998.15	3765226.20	47.87	0.00	47.87	
PERIOD		13.15699	ug/m^3	1166	365010.33	3765235.41	47.83	0.00	47.83	
PERIOD		21.22722	ug/m^3	1166	364994.90	3765213.48	47.88	0.00	47.88	
PERIOD		20.45246	ug/m^3	1166	365010.61	3765223.50	47.84	0.00	47.84	
PERIOD		10.48784	ug/m^3	1166	365021.16	3765247.87	47.78	0.00	47.78	
PERIOD		13.15524	ug/m^3	1166	365033.62	3765244.07	47.77	0.00	47.77	
PERIOD		17.63513	ug/m^3	1166	365038.49	3765234.06	47.77	0.00	47.77	

Sensitive Receptor Summary

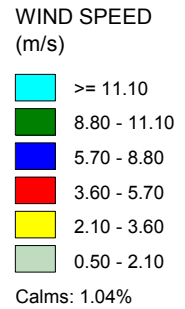
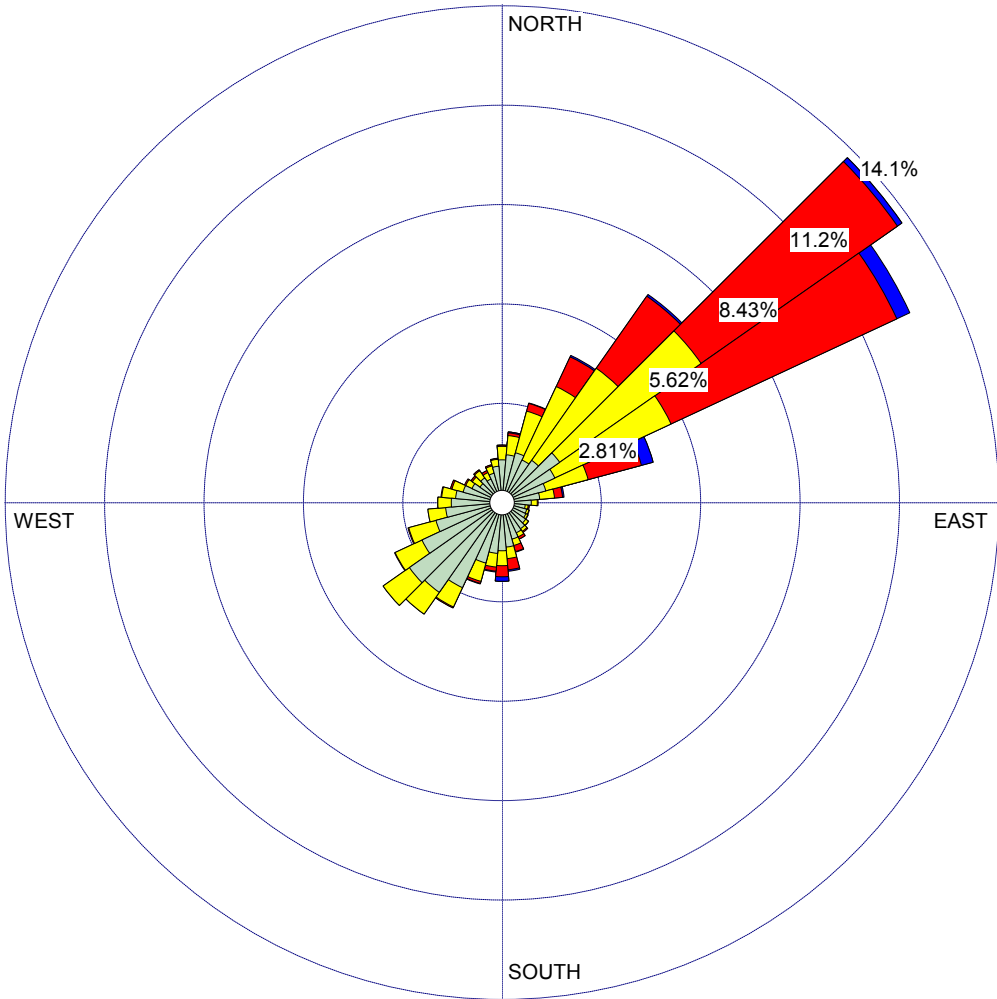
SMM-08 (Phase 3) Construction HRA
 Santa Monica

Concentration - Source Group: ONSITE

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		13.87899	ug/m^3	1166	365056.36	3765244.07	47.53	0.00	47.53	
PERIOD		9.77384	ug/m^3	1166	365046.35	3765258.70	47.56	0.00	47.56	
PERIOD		3.49563	ug/m^3	1166	364965.12	3765248.95	47.56	0.00	47.56	
PERIOD		3.70692	ug/m^3	1166	364977.85	3765257.08	47.52	0.00	47.52	
PERIOD		3.82708	ug/m^3	1166	364989.76	3765266.01	47.47	0.00	47.47	
PERIOD		3.65599	ug/m^3	1166	365013.86	3765287.13	47.12	0.00	47.12	
PERIOD		3.71379	ug/m^3	1166	365023.61	3765292.82	47.35	0.00	47.35	
PERIOD		4.71057	ug/m^3	1166	365019.00	3765278.46	47.41	0.00	47.41	
PERIOD		4.72804	ug/m^3	1166	365028.47	3765283.87	47.54	0.00	47.54	
PERIOD		27.83075	ug/m^3	1166	365079.03	3765196.53	47.06	0.00	47.06	

WIND ROSE PLOT:
Station #93197

DISPLAY:
Wind Speed
Flow Vector (blowing to)



COMMENTS:	DATA PERIOD:	COMPANY NAME:	
	Start Date: 1/1/2012 - 00:00 End Date: 12/31/2016 - 23:59	MODELER:	
	CALM WINDS:	TOTAL COUNT:	
	1.04%	43748 hrs.	
AVG. WIND SPEED:	DATE:	PROJECT NO.:	
2.46 m/s	12/29/2022		

Appendix C. Construction Risk Calculations

**Table C1
Residential MER Concentrations for Risk Calculations**

Contaminant (a)	Source (b)		Model Output ¹ ($\mu\text{g}/\text{m}^3$) (c)	Emission Rates ² (g/s) (d)	MEIR Conc. ($\mu\text{g}/\text{m}^3$) (e)	Total MEIR Conc. Annual Average ($\mu\text{g}/\text{m}^3$) (f)
Residential Receptors - Unmitigated³						
DPM [Phase 1]	2023	On-Site Emissions	43.75	3.51E-04	1.54E-02	1.54E-02
		Truck Route	6.11	3.38E-07	2.07E-06	
[Phase 1]	2024	On-Site Emissions	43.75	3.98E-04	1.74E-02	1.74E-02
		Truck Route	6.11	1.82E-07	1.11E-06	
[Phase 2]	2025	On-Site Emissions	41.70	9.07E-04	3.78E-02	3.78E-02
		Truck Route	0.66	1.38E-06	9.17E-07	
	2026	On-Site Emissions	41.70	1.11E-03	4.64E-02	4.64E-02
		Truck Route	0.66	3.17E-07	2.11E-07	
[Phase 3]	2027 (P2)	On-Site Emissions	41.70	1.75E-03	7.30E-02	7.30E-02
		Truck Route	0.66	1.60E-07	1.06E-07	
	2027 (P3)	On-Site Emissions	29.88	8.46E-04	2.53E-02	2.53E-02
		Truck Route	1.40	0.00E+00	0.00E+00	
[Phase 3]	2028	On-Site Emissions	29.88	1.00E-03	3.00E-02	3.00E-02
		Truck Route	1.40	3.54E-07	4.93E-07	

Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations

¹ Model Output at the MEIR based on unit emission rates for sources (1 g/s).

² Emission Rates from Emission Rate Calculations (Appendix A - Construction Emissions).

³ Modeling assumes use of off-road construction equipment that meets the United States Environmental Protection Agency (US EPA) Tier 4 Final emissions standards for off-road diesel-powered construction equipment with more than 25 horsepower

**Table C2
Residential MER Health Risk Calculations
Unmitigated Scenario**

Source (a)	MEIR Conc. (µg/m ³) (b)	Weight Fraction (c)	Contaminant (d)	URF (µg/m ³) ⁻¹ (e)	CPF (mg/kg/day) ⁻¹ (f)	Dose (by age bin)			Carcinogenic Risks (by age bin)			Total Cancer Risk per million (m)	Chronic Hazards ³	
						3rd Trimester	0 < 2 years	2 < 9 years	3rd Trimester	0 < 2 years	2 < 9 years		REL	RESP
						(mg/kg-day) (g)	(mg/kg-day) (h)	(mg/kg-day) (i)	per million (j)	per million (k)	per million (l)		(µg/m ³) (n)	(o)
Residential Receptors - Unmitigated³														
2023	1.54E-02	1.0E+00	DPM	3.0E-04	1.1E+00	5.32E-06	1.61E-05		1.70E-01	7.88E-01		1.0	5.0E+00	3.07E-03
2024	1.74E-02						1.82E-05			1.42E+00		1.4		3.48E-03
2025	3.78E-02						3.95E-05	3.12E-05		2.07E+00	1.39E-01	2.2		7.56E-03
2026	4.64E-02						4.85E-05	3.83E-05			1.24E+00	1.2		9.28E-03
2027 (P2)	7.30E-02							6.03E-05			2.54E-01	0.3		1.46E-02
2027 (P3)	2.53E-02							2.09E-05			3.73E-01	0.4		5.06E-03
2028	3.00E-02							2.48E-05			4.94E-01	0.5		6.00E-03
Total											6.9	0.049		

		OEHHA age bin exposure year(s)	3rd Trimester 2022	0 < 2 years 2022-2024	2 < 9 years 2024-2031
Dose Exposure Factors:	exposure frequency (days/year)		350	350	350
	inhalation rate (L/kg-day) ¹		361	1090	861
	inhalation absorption factor		1	1	1
	conversion factor (mg/µg; m ³ /L)		1.0E-06	1.0E-06	1.0E-06
Risk Calculation Factors:	age sensitivity factor		10	10	3
	averaging time (years)		70	70	70
	per million		1.0E+06	1.0E+06	1.0E+06
	fraction of time at home		0.85	0.85	0.72

¹ Inhalation rate taken as the 95th percentile breathing rates (OEHHA, 2015).

² Construction durations determined for each year to adjust receptor exposures to the exposure durations for each construction year (see App A - Construction Emissions).

³ Chronic Hazards for DPM using the chronic reference exposure level (REL) for the Respiratory Toxicological Endpoint.

exposure durations per age bin		exposure durations (year)		
Construction Year	Const Duration ²	3rd Trimester	0 < 2 years	2 < 9 years
2023	0.63	0.25	0.38	
2024	0.61		0.61	
2025	0.55		0.41	0.14
2026	1.00	0.00		1.00
2027 (P2)	0.13	0.00		0.13
2027 (P33)	0.55			0.55
2028	0.62			0.62
Total		4.09		

Table C3
Elementary School MER Concentrations for Risk Calculations

Contaminant (a)	Source (b)		Model Output ¹ ($\mu\text{g}/\text{m}^3$) (c)	Emission Rates ₂ (g/s) (d)	Maximum Exposed School Receptor Conc. ($\mu\text{g}/\text{m}^3$) (e)	Total Maximum Exposed School Receptor Conc. Annual Average ($\mu\text{g}/\text{m}^3$) (f)
Student Receptors - Unmitigated						
DPM [Phase 1]	2023	On-Site Emissions	67.23	3.51E-04	2.36E-02	2.36E-02
		Truck Route	4.63	3.38E-07	1.57E-06	
[Phase 1]	2024	On-Site Emissions	67.23	3.98E-04	2.67E-02	2.67E-02
		Truck Route	4.63	1.82E-07	8.43E-07	
[Phase 2]	2025	On-Site Emissions	41.70	9.07E-04	3.78E-02	3.78E-02
		Truck Route	0.88	1.38E-06	1.22E-06	
	2026	On-Site Emissions	41.70	1.11E-03	4.64E-02	4.64E-02
		Truck Route	0.88	3.17E-07	2.79E-07	
[Phase 3]	2027 (P2)	On-Site Emissions	41.70	1.75E-03	7.30E-02	7.30E-02
		Truck Route	0.88	1.60E-07	1.41E-07	
	2027 (P3)	On-Site Emissions	90.41	8.46E-04	7.65E-02	7.65E-02
		Truck Route	1.54	0.00E+00	0.00E+00	
[Phase 3]	2028	On-Site Emissions	90.41	1.00E-03	9.08E-02	9.08E-02
		Truck Route	1.54	3.54E-07	5.45E-07	

Maximum Exposed School Receptor (Maximum Exposed School Receptor) UTM coordinates: 363589.33E, 3766769.17 N

¹ Model Output at the Maximum Exposed School Receptor based on unit emission rates for sources (1 g/s).

² Emission Rates from Emission Rate Calculations (Appendix A - Construction Emissions).

**Table C4
Elementary School Health Risk Calculations**

Source (a)	MER Conc. (µg/m ³) (b)	Weight Fraction (c)	Contaminant (d)	URF (µg/m ³) ⁻¹ (e)	CPF (mg/kg/day) ⁻¹ (f)	Dose (by age bin) Elementary School 2 < 16 years (mg/kg-day) (g)	Exposure Duration ² (yr) (h)	Carcinogenic Risks Elementary School 2 < 16 years per million (i)	Chronic Hazards ³ REL (µg/m ³) (j)		RESP (k)
	Student Receptors - Unmitigated										
	2023	2.36E-02	1.0E+00	DPM	3.0E-04	1.1E+00	6.06E-06	0.63	0.17	5.0E+00	4.72E-03
2024	2.67E-02					6.86E-06	0.61	0.19		5.35E-03	
2025	3.78E-02					9.70E-06	0.55	0.24		7.56E-03	
2026	4.64E-02					1.19E-05	1.00	0.54		9.28E-03	
2027 (P2)	7.30E-02					1.87E-05	0.13	0.11		1.46E-02	
2027 (P3)	7.65E-02					1.96E-05	0.55	0.49		1.53E-02	
2028	9.08E-02					2.33E-05	0.62	0.64		1.82E-02	
								See below for summed cancer risk calculation			

	OEHHA age bin exposure year(s)	Elementary School (K-5) 2 < 16 years 2022-2031	¹ Inhalation rate taken as the 8-hour 95th percentile breathing rates, Moderate Activity (OEHHA, 2015).
Dose Exposure Factors:	exposure frequency (days/year)	180	² Construction durations determined for each year to adjust receptor exposures to the exposure durations for each construction year (see App A - Construction Emissions).
	8-hour inhalation rate (L/kg-day)	520	³ Chronic Hazards for DPM using the chronic reference exposure level (REL) for the Respiratory Toxicological Endpoint.
	inhalation absorption factor	1	
	conversion factor (mg/µg; m ³ /L)	1.0E-06	
Risk Calculation Factors:	age sensitivity factor	3	
	averaging time (years)	70	
	per million	1.0E+06	

Elementary School		Cancer Risk	Sun	Chronic Hazards
Start Yr	End Yr			
2023	2028	2.38		0.075
Max Unmitigated Risk		2.38		0.075