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 McKinley Elementary School campus (proposed project or project). The approximately 6.48-acre project site is bounded by bounded by Santa Monica Boulevard to the southeast, Chelsea Avenue to the northeast, Arizona Avenue to the northwest, and 23rd Court (alley) to the southwest in the City of Malibu, Los Angeles County, California. McKinley 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 June 2023 through December 2024, Phase 2 from June 2025 through December 2026, and Phase 3 from June 2028 through March 2030 (approximately 1,235 total workdays over the 7-year span). The nearest sensitive receptors to the project site include the single- and multi-family residences surrounding the project site, as well as the McKinley 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 - 2026 for Phase 2, and years 2028 -2030 for Phase 3. DPM emissions were based on the CalEEMod construction runs, using annual exhaust PM_{10} 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, 2028, 2029, and 2030). The off-site hauling emission rates were adjusted to evaluate localized emissions from the 0.59-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 and 6.1 m for 2nd-floor) 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 ($\mu g/m^3$), 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 $(mg/kg/day)^{-1}$ to derive the cancer risk estimate. Therefore, the following dose algorithm was used to accommodate the unique exposures associated with each receptor type.

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

Where:

Dose_{AIR}	=	dose by inhalation (mg/kg-day), per age group
C_{air}	=	concentration of contaminant in air ($\mu g/m^3$)
EF	=	exposure frequency (number of days/365 days)
BR/BW	=	daily breathing rate normalized to body weight (L/kg-day)
A	=	inhalation absorption factor (default = 1)
CF	=	conversion factor ($1x10^{-6}$, 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:

Age Groups	BR/BW (L/kg-day)	ED	ASF	FAH
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., 1,235 workdays or 4.73 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 2030. 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:

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

Where:

Dose_{AIR}	=	dose by inhalation (mg/kg-day), per age group
CPF	=	cancer potency factor, chemical-specific $(\text{mg/kg-day})^{-1}$
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 $1x10^6$ (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)	8.9	0.037
Maximum Exposed School Receptor (MESR)	1.10	0.031
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 8.9 in a million and the MESR was calculated to be 1.10 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 4.73-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 all residents and students 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**.

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.*

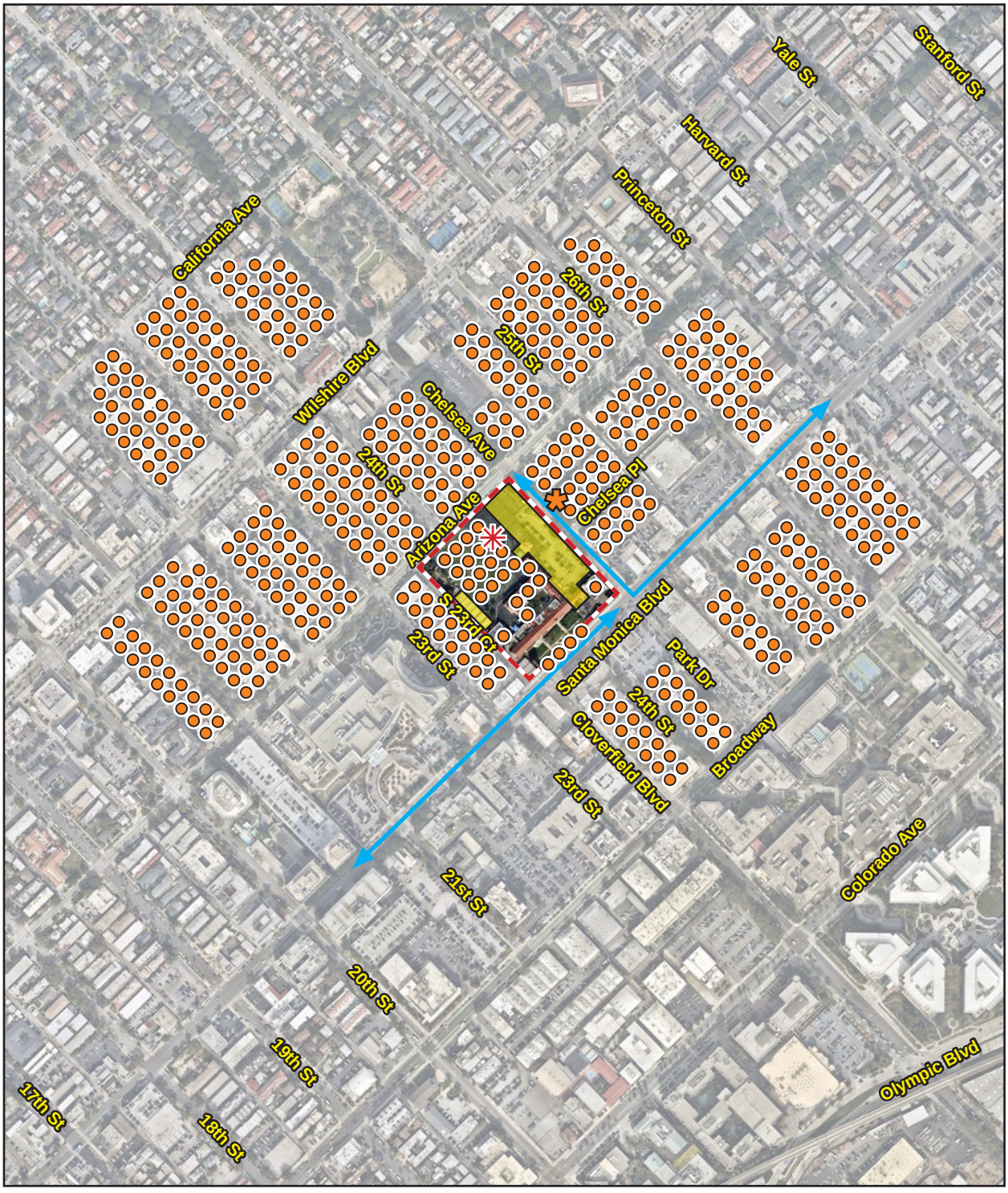
Office of Environmental Health Hazard Assessment (OEHHA). 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments.* Dated February 2015.

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.

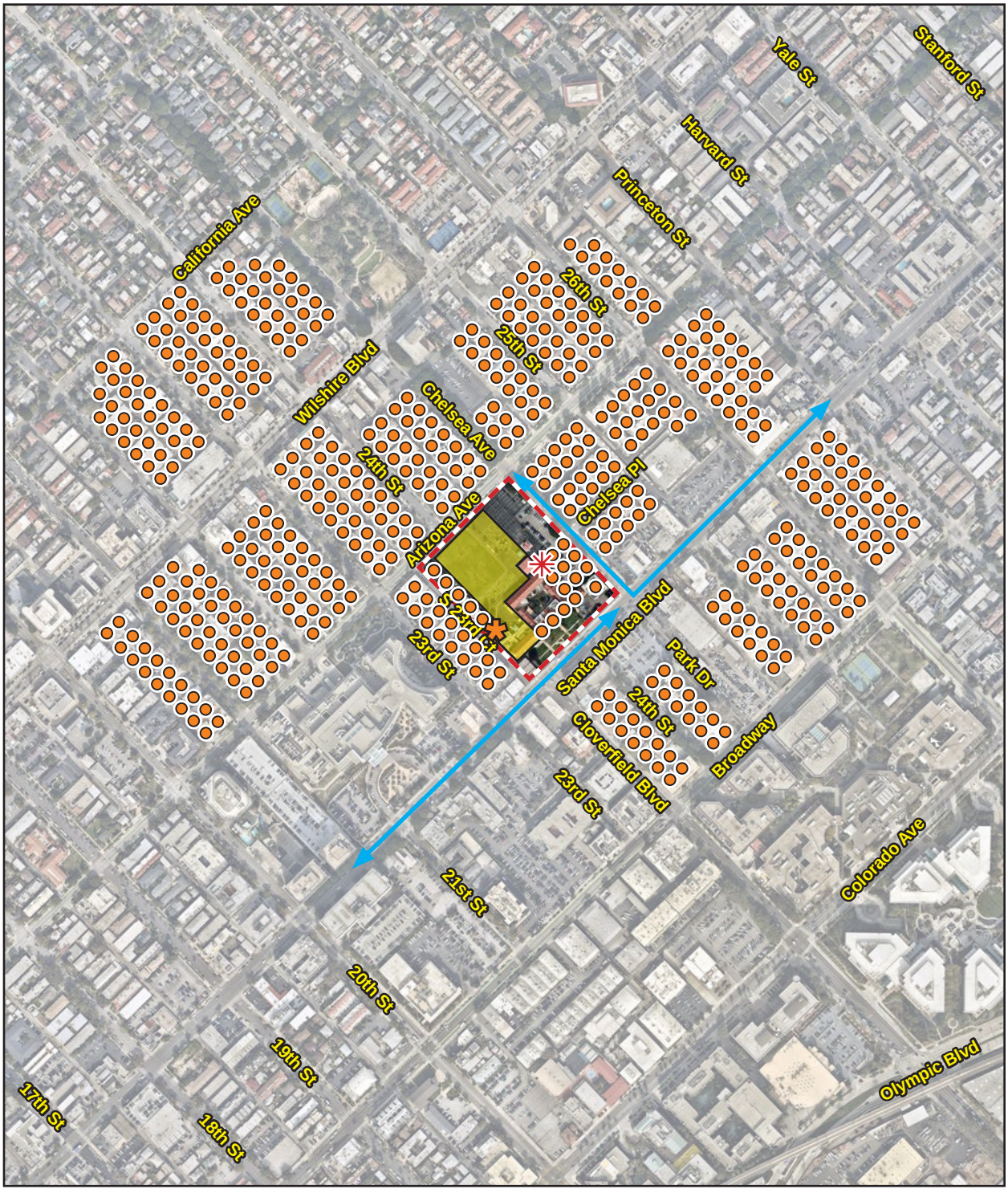
Figure 1 - Phase 1 Project Site and Offsite Receptor Locations



Source: Nearmap, Inc., 2022.

PlaceWorks

Figure 2 - Phase 2 Project Site and Offsite Receptor Locations



Source: Nearmap, Inc., 2022.

PlaceWorks

Figure 3 - Phase 3 Project Site and Offsite Receptor Locations

Source: Nearmap, Inc., 2022.

PlaceWorks

Appendix A. Emission Rate Calculations

Phase Name	Start Date	End Date	CalEEMod Days	Total Days
Phase 1 Building Demolition	6/15/2023	8/1/2023	34	**47**
Phase 1 Building Demolition Debris Haul	6/15/2023	8/1/2023	34	**47**
Phase 1 Asphalt Demolition	6/15/2023	8/1/2023	34	**47**
Phase 1 Asphalt Demolition Debris Haul	6/15/2023	8/1/2023	34	**47**
Phase 1 Site Preparation	8/1/2023	8/4/2023	4	**3**
Phase 1 Rough Grading	8/4/2023	8/14/2023	7	**10**
Phase 1 Fine Grading	8/14/2023	8/22/2023	7	**8**
Phase 1 Utility Trenching	8/22/2023	8/28/2023	5	**6**
Phase 1 Building Construction	8/28/2023	12/31/2023	90	**125**
Phase 1 Paving	1/1/2024	12/16/2024	251	**350**
Phase 1 Architectural Coating	11/22/2024	12/16/2024	17	**24**
Phase 1 Finishing/Landscaping	11/22/2024	12/16/2024	17	**24**
Phase 1 Finishing/Landscaping	12/10/2024	12/16/2024	5	**6**
Phase 2 Building Demolition	6/15/2025	7/25/2025	30	**40**
Phase 2 Building Demolition Debris Haul	6/15/2025	7/25/2025	30	**40**
Phase 2 Asphalt Demolition	6/15/2025	7/25/2025	30	**40**
Phase 2 Asphalt Demolition Debris Haul	6/15/2025	7/25/2025	30	**40**
Phase 2 Site Preparation	7/25/2025	7/31/2025	5	**6**
Phase 2 Rough Grading	7/31/2025	8/12/2025	9	**12**
Phase 2 Fine Grading	8/12/2025	8/22/2025	9	**10**
Phase 2 Utility Trenching	8/22/2025	8/28/2025	5	**6**
Phase 2 Building Construction 2025	8/28/2025	12/31/2025	90	**125**
Phase 2 Building Construction 2026	1/1/2026	12/12/2026	247	**345**
Phase 2 Paving	11/21/2026	12/12/2026	15	**21**
Phase 2 Architectural Coating	11/21/2026	12/12/2026	15	**21**
Phase 2 Finishing/Landscaping	12/7/2026	12/12/2026	5	**5**
Phase 3 Building Demolition	6/15/2028	8/8/2028	39	**54**
Phase 3 Building Demolition Debris Haul	6/15/2028	8/8/2028	39	**54**
Phase 3 Asphalt Demolition	6/15/2028	8/8/2028	39	**54**
Phase 3 Asphalt Demolition Debris Haul	6/15/2028	8/8/2028	39	**54**
Phase 3 Site Preparation	8/8/2028	8/13/2028	4	**5**
Phase 3 Rough Grading	8/13/2028	8/23/2028	8	**10**
Phase 3 Fine Grading	8/23/2028	9/1/2028	8	**9**
Phase 3 Utility Trenching	9/1/2028	9/7/2028	5	**6**
Phase 3 Building Construction 2028	9/7/2028	12/31/2028	82	**115**
Phase 3 Building Construction 2029	1/1/2029	12/31/2029	261	**364**
Phase 3 Building Construction 2028	1/1/2030	3/10/2030	49	**68**
Phase 3 Paving	2/10/2030	3/10/2030	20	**28**
Phase 3 Architectural Coating	2/10/2030	3/10/2030	20	**28**
Phase 3 Finishing/Landscaping	3/4/2030	3/10/2030	5	**6**

	Number of Construction Days Per Year			Total Construction Days Per Year		
2023	6/15/2023	12/31/2023	142	1/1/2023	12/31/2023	260
2024	1/1/2024	12/16/2024	251	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	12/12/2026	247	1/1/2026	12/31/2026	261
2028	6/15/2028	12/31/2028	142	1/1/2028	12/31/2028	260
2029	1/1/2029	12/31/2029	261	1/1/2029	12/31/2029	261
2030	1/1/2030	3/10/2030	49	1/1/2030	12/31/2030	261
		CONSTRUCTION DAYS	1235		**TOTAL DAYS**	1826

Onsite Construction PM10 Exhaust Emissions - Mitigated Scenario [1]

Year	Construction Activity	Days of Activity	Average Daily Emissions (lbs/day)	Total Average Daily Emissions (lbs/day)	Total Construction Days/Year	Average Daily Emissions (lbs/hr)	Emission Rate (g/s)	Workdays/Year	Construction Duration[2]
2023	P1 Demolition	34	0.02						
	P1 Site Preparation	4	0.02						
	P1 Rough Grading	7	0.05	6.84	142	6.02E-03	7.58E-04	260	0.55
	P1 Fine Grading	6	0.05						
	P1 Utility Trenching	5	0.01						
	P1 Building Construction	90	0.06						
2024	P1 Building Construction	251	0.06						
	P1 Paving	17	0.01	16.45	251	8.19E-03	1.03E-03	262	0.96
	P1 Architectural Coating	17	0.07						
	P1 Finishing/Landscaping	5	0.01						
2025	P2 Demolition	30	0.02						
	P2 Site Preparation	5	0.02						
	P2 Rough Grading	9	0.05	7.88	143	6.88E-03	8.67E-04	261	0.55
	P2 Fine Grading	8	0.05						
	P2 Building Construction	90	0.07						
	P2 Utility Trenching	5	0.01						
2026	P2 Building Construction	247	0.07						
	P2 Paving	15	0.01	17.54	247	8.88E-03	1.12E-03	261	0.95
	P2 Architectural Coating	15	0.01						
	P2 Finishing/Landscaping	5	0.01						
2027	No Construction Activity	-	-	-	-	-	-	-	-
2028	P3 Demolition	39	0.02						
	P3 Site Preparation	4	0.02						
	P3 Rough Grading	8	0.05	6.56	142	5.77E-03	7.27E-04	260	0.55
	P3 Fine Grading	7	0.05						
	P3 Building Construction	82	0.06						
	P3 Utility Trenching	5	0.01						
2029	P3 Building Construction	261	0.06	0.06	261	2.87E-05	3.62E-06	261	1.00
2030	P3 Building Construction	49	0.06						
	P3 Paving	20	0.01	3.27	49	8.33E-03	1.05E-03	261	0.19
	P3 Architectural Coating	20	0.01						
	P3 Finishing/Landscaping	5	0.01						

Offsite Construction PM10 Exhaust Emissions - Mitigated Scenario [1]

Year	Construction Activity	Days of Activity	Average Daily Emissions (lbs/day)	Total Annual Emissions (lbs/year)	Total Construction Days/Year	Average Daily Emissions (lbs/hr)	Hauling Emissions w/in 1,000 ft (lbs/day) [3]	Emission Rate (g/s)
2023	P1 Demolition	34	0.02					
	P1 Site Preparation	4	0.01					
	P1 Rough Grading	7	0.01	1.05	142	9.20E-04	2.71E-05	3.41E-06
	P1 Fine Grading	6	0.01					
	P1 Utility Trenching	5	0.00					
	P1 Building Construction	90	0.01					
2024	P1 Building Construction	251	0.01					
	P1 Paving	17	0.00	1.26	251	6.25E-04	1.84E-05	2.32E-06
	P1 Architectural Coating	17	0.00					
	P1 Finishing/Landscaping	5	0.00					
2025	P2 Demolition	30	0.02					
	P2 Site Preparation	5	0.01					
	P2 Rough Grading	9	0.01	1.01	143	8.83E-04	2.60E-05	3.28E-06
	P2 Fine Grading	8	0.01					
	P2 Building Construction	90	0.01					
	P2 Utility Trenching	5	0.00					
2026	P2 Building Construction	247	0.01					
	P2 Paving	15	0.00	1.24	247	6.25E-04	1.84E-05	2.32E-06
	P2 Architectural Coating	15	0.00					
	P2 Finishing/Landscaping	5	0.00					
2027	No Construction Activity	-	-	-	-	-	-	-
2028	P3 Demolition	39	0.02					
	P3 Site Preparation	4	0.01					
	P3 Rough Grading	8	0.01	1.09	142	9.60E-04	2.83E-05	3.56E-06
	P3 Fine Grading	7	0.01					
	P3 Building Construction	82	0.01					
	P3 Utility Trenching	5	0.00					
2029	P3 Building Construction	261	0.01	0.01	261	2.39E-06	7.05E-08	8.89E-09
2030	P3 Building Construction	49	0.01					
	P3 Paving	20	0.00	0.25	49	6.25E-04	1.84E-05	2.32E-06
	P3 Architectural Coating	20	0.00					
	P3 Finishing/Landscaping	5	0.00					

Note: Emissions evenly distributed over 66 modeled volume sources.

Hauling Length (miles) [3]	20.0	miles
Haul Length within 1,000 ft of Site (mile) [4]	0.59	miles
Hours per work day (7:00 AM to 4:00 PM, 1-hour of breaks) [5]	8	hours

[1] DPM emissions taken as PM_{10} 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 proportioned haul truck trip distances , are adjusted to evaluate emissions from the 0.59-mile route within 1,000 of the project site.

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

PHASE 1 MODEL

3.1. Demolition (2023)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.14	0.14	2.83	7.60	0.01	0.02	0.00	0.02	0.02	0.00	0.02
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		0.14	0.14	2.83	7.60	0.01	0.02	0.00	0.02	0.02	0.00	0.02

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.07	0.06	0.07	1.02	0.00	0.00	0.16	0.16	0.00	0.04	0.04
Vendor		0.02	0.01	0.32	0.16	0.01	0.01	0.07	0.07	0.01	0.02	0.02
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.09	0.07	0.39	1.18	0.01	0.01	0.23	0.23	0.01	0.06	0.06

3.3. Demolition (2023)

Mitigated 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	0.21	0.21	0.00	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		0.01	0.00	0.00	0.00	0.00	0.00	0.21	0.21	0.00	0.03	0.03

Mitigated 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		0.02	0.01	0.37	0.14	0.01	0.01	0.08	0.08	0.01	0.02	0.02
Total		0.02	0.01	0.37	0.14	0.01	0.01	0.08	0.08	0.01	0.02	0.02

3.5. Demolition (2023)

Mitigated 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

Mitigated 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

3.7. Demolition (2023)

Mitigated 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	0.21	0.21	0.00	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		0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.21	0.00	0.03	0.03

Mitigated 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		0.01	0.01	0.18	0.07	0.01	0.01	0.04	0.04	0.01	0.01	0.01
Total		0.01	0.01	0.18	0.07	0.01	0.01	0.04	0.04	0.01	0.01	0.01

3.9. Site Preparation (2023)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.13	0.13	1.23	9.10	0.01	0.02	0.00	0.02	0.02	0.00	0.02
Dust From Material Movement		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		0.13	0.13	1.23	9.10	0.01	0.02	0.00	0.02	0.02	0.00	0.02

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.07	0.06	0.07	1.02	0.00	0.00	0.16	0.16	0.00	0.04	0.04
Vendor		0.03	0.01	0.40	0.20	0.01	0.01	0.09	0.09	0.01	0.02	0.03
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.10	0.07	0.47	1.22	0.01	0.01	0.25	0.25	0.01	0.06	0.07

3.11. Grading (2023)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.23	0.23	1.20	14.20	0.02	0.05	0.00	0.05	0.05	0.00	0.05
Dust From Material Movement		0.00	0.00	0.00	0.00	0.00	0.00	2.76	2.76	0.00	1.34	1.34
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		0.23	0.23	1.20	14.20	0.02	0.05	2.76	2.81	0.05	1.34	1.39

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.06	0.05	0.05	0.82	0.00	0.00	0.13	0.13	0.00	0.03	0.03
Vendor		0.03	0.01	0.40	0.20	0.01	0.01	0.09	0.09	0.01	0.02	0.03
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.09	0.06	0.45	1.02	0.01	0.01	0.22	0.22	0.01	0.05	0.06

3.13. Grading (2023)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.23	0.23	1.20	14.20	0.02	0.05	0.00	0.05	0.05	0.00	0.05
Dust From Material Movement		0.00	0.00	0.00	0.00	0.00	0.00	2.76	2.76	0.00	1.34	1.34
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		0.23	0.23	1.20	14.20	0.02	0.05	2.76	2.81	0.05	1.34	1.39

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.06	0.05	0.05	0.82	0.00	0.00	0.13	0.13	0.00	0.03	0.03
Vendor		0.03	0.01	0.40	0.20	0.01	0.01	0.09	0.09	0.01	0.02	0.03
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.09	0.06	0.45	1.02	0.01	0.01	0.22	0.22	0.01	0.05	0.06

3.23. Trenching (2023)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.02	0.02	0.66	0.99	0.01	0.01	0.00	0.01	0.01	0.00	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		0.02	0.02	0.66	0.99	0.01	0.01	0.00	0.01	0.01	0.00	0.01

Mitigated Construction Off-Site

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	0.20	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.01	0.20	0.00	0.00	0.03	0.03	0.00	0.01	0.01

3.15. Building Construction (2023)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.32	0.30	4.35	11.00	0.02	0.06	0.00	0.06	0.06	0.00	0.06
Onsite truck		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.32	0.30	4.35	11.00	0.02	0.06	0.00	0.06	0.06	0.00	0.06

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.06	0.05	0.05	0.84	0.00	0.00	0.13	0.13	0.00	0.03	0.03
Vendor		0.01	0.01	0.16	0.08	0.01	0.01	0.03	0.04	0.01	0.01	0.01
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.07	0.06	0.21	0.92	0.01	0.01	0.16	0.17	0.01	0.04	0.04

3.17. Building Construction (2024)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.32	0.30	4.34	11.00	0.02	0.06	0.00	0.06	0.06	0.00	0.06
Onsite truck		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.32	0.30	4.34	11.00	0.02	0.06	0.00	0.06	0.06	0.00	0.06

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.05	0.05	0.05	0.77	0.00	0.00	0.13	0.13	0.00	0.03	0.03
Vendor		0.01	0.01	0.15	0.07	0.01	0.01	0.03	0.04	0.01	0.01	0.01
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.06	0.06	0.20	0.84	0.01	0.01	0.16	0.17	0.01	0.04	0.04

3.19. Paving (2024)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.08	0.08	0.95	5.05	0.01	0.01	0.00	0.01	0.01	0.00	0.01
Paving		0.00	0.15	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		0.08	0.23	0.95	5.05	0.01	0.01	0.00	0.01	0.01	0.00	0.01

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.04	0.03	0.04	0.48	0.00	0.00	0.10	0.10	0.00	0.02	0.02
Vendor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.04	0.03	0.04	0.48	0.00	0.00	0.10	0.10	0.00	0.02	0.02

3.21. Architectural Coating (2024)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.24	0.20	1.60	1.05	0.01	0.07	0.00	0.07	0.06	0.00	0.06
Architectural Coatings		0.00	7.79	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		0.24	7.99	1.60	1.05	0.01	0.07	0.00	0.07	0.06	0.00	0.06

Mitigated Construction Off-Site

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	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01

3.25. Trenching (2024)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.02	0.02	0.66	0.99	0.01	0.01	0.00	0.01	0.01	0.00	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		0.02	0.02	0.66	0.99	0.01	0.01	0.00	0.01	0.01	0.00	0.01

Mitigated Construction Off-Site

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	0.03	0.03	0.00	0.01	0.01
Vendor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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 2 MODEL

3.1. Demolition (2025)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.13	0.13	1.24	9.21	0.01	0.02	0.00	0.02	0.02	0.00	0.02
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		0.13	0.13	1.24	9.21	0.01	0.02	0.00	0.02	0.02	0.00	0.02

Mitigated Construction Off-Site

Category	lbs/day		ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.07	0.06	0.06	1.04	0.00	0.00	0.20	0.20	0.00	0.05	0.05
Vendor		0.02	0.01	0.29	0.14	0.01	0.01	0.07	0.07	0.01	0.02	0.02
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.09	0.07	0.35	1.18	0.01	0.01	0.27	0.27	0.01	0.07	0.07

3.3. Demolition (2025)

Mitigated 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	0.01	0.01	0.00	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	0.01	0.01	0.00	0.01	0.01

Mitigated 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		0.01	0.01	0.09	0.03	0.01	0.01	0.02	0.02	0.01	0.01	0.01
Total		0.01	0.01	0.09	0.03	0.01	0.01	0.02	0.02	0.01	0.01	0.01

3.5. Demolition (2025)

Mitigated 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

Mitigated 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

3.7. Demolition (2025)

Mitigated 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	0.50	0.50	0.00	0.08	0.08
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	0.50	0.50	0.00	0.08	0.08

Mitigated 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		0.02	0.01	0.34	0.13	0.01	0.01	0.07	0.08	0.01	0.02	0.02
Total		0.02	0.01	0.34	0.13	0.01	0.01	0.07	0.08	0.01	0.02	0.02

3.9. Site Preparation (2025)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.13	0.13	1.23	9.10	0.01	0.02	0.00	0.02	0.02	0.00	0.02
Dust From Material Movement		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		0.13	0.13	1.23	9.10	0.01	0.02	0.00	0.02	0.02	0.00	0.02

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.06	0.05	0.05	0.87	0.00	0.00	0.16	0.16	0.00	0.04	0.04
Vendor		0.02	0.01	0.36	0.18	0.01	0.01	0.09	0.09	0.01	0.02	0.03
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.08	0.06	0.41	1.05	0.01	0.01	0.25	0.25	0.01	0.06	0.07

3.11. Grading (2025)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.23	0.23	1.20	14.20	0.02	0.05	0.00	0.05	0.05	0.00	0.05
Dust From Material Movement		0.00	0.00	0.00	0.00	0.00	0.00	2.76	2.76	0.00	1.34	1.34
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		0.23	0.23	1.20	14.20	0.02	0.05	2.76	2.81	0.05	1.34	1.39

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.05	0.04	0.04	0.70	0.00	0.00	0.13	0.13	0.00	0.03	0.03
Vendor		0.02	0.01	0.36	0.18	0.01	0.01	0.09	0.09	0.01	0.02	0.03
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.07	0.05	0.40	0.88	0.01	0.01	0.22	0.22	0.01	0.05	0.06

3.13. Grading (2025)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.23	0.23	1.20	14.20	0.02	0.05	0.00	0.05	0.05	0.00	0.05
Dust From Material Movement		0.00	0.00	0.00	0.00	0.00	0.00	2.76	2.76	0.00	1.34	1.34
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		0.23	0.23	1.20	14.20	0.02	0.05	2.76	2.81	0.05	1.34	1.39

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.05	0.04	0.04	0.70	0.00	0.00	0.13	0.13	0.00	0.03	0.03
Vendor		0.02	0.01	0.36	0.18	0.01	0.01	0.09	0.09	0.01	0.02	0.03
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.07	0.05	0.40	0.88	0.01	0.01	0.22	0.22	0.01	0.05	0.06

3.23. Trenching (2025)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.02	0.02	0.66	0.99	0.01	0.01	0.00	0.01	0.01	0.00	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		0.02	0.02	0.66	0.99	0.01	0.01	0.00	0.01	0.01	0.00	0.01

Mitigated Construction Off-Site

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	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.01	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01

3.15. Building Construction (2025)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.36	0.34	4.53	13.30	0.02	0.07	0.00	0.07	0.07	0.00	0.07
Onsite truck		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.36	0.34	4.53	13.30	0.02	0.07	0.00	0.07	0.07	0.00	0.07

Mitigated Construction Off-Site

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	0.13	0.00	0.00	0.02	0.02	0.00	0.01	0.01
Vendor		0.01	0.01	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
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	0.04	0.14	0.01	0.01	0.03	0.03	0.01	0.02	0.02

3.17. Building Construction (2026)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.36	0.34	4.53	13.30	0.02	0.07	0.00	0.07	0.07	0.00	0.07
Onsite truck		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.36	0.34	4.53	13.30	0.02	0.07	0.00	0.07	0.07	0.00	0.07

Mitigated Construction Off-Site

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	0.12	0.00	0.00	0.02	0.02	0.00	0.01	0.01
Vendor		0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
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	0.03	0.13	0.01	0.01	0.03	0.03	0.01	0.02	0.02

3.19. Paving (2026)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.08	0.08	0.95	5.05	0.01	0.01	0.00	0.01	0.01	0.00	0.01
Paving		0.00	0.01	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		0.08	0.09	0.95	5.05	0.01	0.01	0.00	0.01	0.01	0.00	0.01

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.03	0.03	0.03	0.41	0.00	0.00	0.10	0.10	0.00	0.02	0.02
Vendor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.03	0.03	0.03	0.41	0.00	0.00	0.10	0.10	0.00	0.02	0.02

3.21. Architectural Coating (2026)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.02	0.02	0.65	0.96	0.01	0.01	0.00	0.01	0.01	0.00	0.01
Architectural Coatings		0.00	2.67	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		0.02	2.69	0.65	0.96	0.01	0.01	0.00	0.01	0.01	0.00	0.01

Mitigated Construction Off-Site

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	0.06	0.00	0.00	0.01	0.01	0.00	0.01	0.01
Vendor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.01	0.06	0.00	0.00	0.01	0.01	0.00	0.01	0.01

3.25. Trenching (2026)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.02	0.02	0.66	0.99	0.01	0.01	0.00	0.01	0.01	0.00	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		0.02	0.02	0.66	0.99	0.01	0.01	0.00	0.01	0.01	0.00	0.01

Mitigated Construction Off-Site

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	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01

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3.1. Demolition (2028)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.13	0.13	1.24	9.21	0.01	0.02	0.00	0.02	0.02	0.00	0.02
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		0.13	0.13	1.24	9.21	0.01	0.02	0.00	0.02	0.02	0.00	0.02

Mitigated Construction Off-Site

Category	lbs/day		ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.06	0.05	0.05	0.85	0.00	0.00	0.20	0.20	0.00	0.05	0.05
Vendor		0.02	0.01	0.25	0.12	0.01	0.01	0.07	0.07	0.01	0.02	0.02
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.08	0.06	0.30	0.97	0.01	0.01	0.27	0.27	0.01	0.07	0.07

3.3. Demolition (2028)

Mitigated 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	0.59	0.59	0.00	0.09	0.09
Onsite truck		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.59	0.00	0.09	0.09

Mitigated 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		0.01	0.01	0.15	0.06	0.01	0.01	0.04	0.04	0.01	0.01	0.01
Total		0.01	0.01	0.15	0.06	0.01	0.01	0.04	0.04	0.01	0.01	0.01

3.5. Demolition (2028)

Mitigated 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

Mitigated 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

3.7. Demolition (2028)

Mitigated 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	0.15	0.15	0.00	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		0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.15	0.00	0.02	0.02

Mitigated 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		0.01	0.01	0.15	0.06	0.01	0.01	0.04	0.04	0.01	0.01	0.01
Total		0.01	0.01	0.15	0.06	0.01	0.01	0.04	0.04	0.01	0.01	0.01

3.9. Site Preparation (2028)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.13	0.13	1.23	9.10	0.01	0.02	0.00	0.02	0.02	0.00	0.02
Dust From Material Movement		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		0.13	0.13	1.23	9.10	0.01	0.02	0.00	0.02	0.02	0.00	0.02

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.05	0.04	0.04	0.71	0.00	0.00	0.16	0.16	0.00	0.04	0.04
Vendor		0.02	0.01	0.31	0.15	0.01	0.01	0.09	0.09	0.01	0.02	0.03
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.07	0.05	0.35	0.86	0.01	0.01	0.25	0.25	0.01	0.06	0.07

3.11. Grading (2028)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.23	0.23	1.20	14.20	0.02	0.05	0.00	0.05	0.05	0.00	0.05
Dust From Material Movement		0.00	0.00	0.00	0.00	0.00	0.00	2.76	2.76	0.00	1.34	1.34
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		0.23	0.23	1.20	14.20	0.02	0.05	2.76	2.81	0.05	1.34	1.39

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.04	0.03	0.03	0.56	0.00	0.00	0.13	0.13	0.00	0.03	0.03
Vendor		0.02	0.01	0.31	0.15	0.01	0.01	0.09	0.09	0.01	0.02	0.03
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.06	0.04	0.34	0.71	0.01	0.01	0.22	0.22	0.01	0.05	0.06

3.13. Grading (2028)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.23	0.23	1.20	14.20	0.02	0.05	0.00	0.05	0.05	0.00	0.05
Dust From Material Movement		0.00	0.00	0.00	0.00	0.00	0.00	2.76	2.76	0.00	1.34	1.34
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		0.23	0.23	1.20	14.20	0.02	0.05	2.76	2.81	0.05	1.34	1.39

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.04	0.03	0.03	0.56	0.00	0.00	0.13	0.13	0.00	0.03	0.03
Vendor		0.02	0.01	0.31	0.15	0.01	0.01	0.09	0.09	0.01	0.02	0.03
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.06	0.04	0.34	0.71	0.01	0.01	0.22	0.22	0.01	0.05	0.06

3.25. Trenching (2028)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.02	0.02	0.66	0.99	0.01	0.01	0.00	0.01	0.01	0.00	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		0.02	0.02	0.66	0.99	0.01	0.01	0.00	0.01	0.01	0.00	0.01

Mitigated Construction Off-Site

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	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01

3.15. Building Construction (2028)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.32	0.30	4.32	11.00	0.02	0.06	0.00	0.06	0.06	0.00	0.06
Onsite truck		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.32	0.30	4.32	11.00	0.02	0.06	0.00	0.06	0.06	0.00	0.06

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.04	0.04	0.04	0.63	0.00	0.00	0.15	0.15	0.00	0.03	0.03
Vendor		0.01	0.01	0.14	0.07	0.01	0.01	0.04	0.04	0.01	0.01	0.01
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.05	0.05	0.18	0.70	0.01	0.01	0.19	0.19	0.01	0.04	0.04

3.17. Building Construction (2029)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.32	0.30	4.32	11.00	0.02	0.06	0.00	0.06	0.06	0.00	0.06
Onsite truck		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.32	0.30	4.32	11.00	0.02	0.06	0.00	0.06	0.06	0.00	0.06

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.04	0.04	0.03	0.59	0.00	0.00	0.15	0.15	0.00	0.03	0.03
Vendor		0.01	0.01	0.13	0.06	0.01	0.01	0.04	0.04	0.01	0.01	0.01
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.05	0.05	0.16	0.65	0.01	0.01	0.19	0.19	0.01	0.04	0.04

3.19. Building Construction (2030)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.32	0.30	4.32	11.00	0.02	0.06	0.00	0.06	0.06	0.00	0.06
Onsite truck		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.32	0.30	4.32	11.00	0.02	0.06	0.00	0.06	0.06	0.00	0.06

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.04	0.03	0.03	0.46	0.00	0.00	0.15	0.15	0.00	0.03	0.03
Vendor		0.01	0.01	0.13	0.06	0.01	0.01	0.04	0.04	0.01	0.01	0.01
Hauling		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		0.05	0.04	0.16	0.52	0.01	0.01	0.19	0.19	0.01	0.04	0.04

3.19. Paving (2030)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.08	0.08	0.95	5.05	0.01	0.01	0.00	0.01	0.01	0.00	0.01
Paving		0.00	0.08	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		0.08	0.16	0.95	5.05	0.01	0.01	0.00	0.01	0.01	0.00	0.01

Mitigated Construction Off-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Worker		0.02	0.02	0.02	0.31	0.00	0.00	0.10	0.10	0.00	0.02	0.02
Vendor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.02	0.31	0.00	0.00	0.10	0.10	0.00	0.02	0.02

3.23. Architectural Coating (2030)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.02	0.02	0.65	0.96	0.01	0.01	0.00	0.01	0.01	0.00	0.01
Architectural Coatings		0.00	6.65	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		0.02	6.67	0.65	0.96	0.01	0.01	0.00	0.01	0.01	0.00	0.01

Mitigated Construction Off-Site

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	0.09	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.01	0.09	0.00	0.00	0.03	0.03	0.00	0.01	0.01

3.25. Trenching (2030)

Mitigated Construction On-Site

Category	lbs/day	TOG	ROG	NOx	CO	SO_2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Off-Road Equipment		0.02	0.02	0.66	0.99	0.01	0.01	0.00	0.01	0.01	0.00	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		0.02	0.02	0.66	0.99	0.01	0.01	0.00	0.01	0.01	0.00	0.01

Mitigated Construction Off-Site

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	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01

Appendix B. Air Dispersion Model Output

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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 68 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 Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes: 68 Source(s); 2 Source Group(s); and 557 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 66 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 =      3.7 MB of RAM.

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

**Detailed Error/Message File:   SMM-07.err
**File for Summary of Results:   SMM-07.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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
L0000125	0	0.12571E-01	363614.0	3766828.6	51.5	4.15	5.51	3.26	YES	HRDOW
L0000126	0	0.12571E-01	363622.2	3766820.0	51.3	4.15	5.51	3.26	YES	HRDOW
L0000127	0	0.12571E-01	363630.3	3766811.3	50.9	4.15	5.51	3.26	YES	HRDOW
L0000128	0	0.12571E-01	363638.4	3766802.7	50.5	4.15	5.51	3.26	YES	HRDOW
L0000129	0	0.12571E-01	363646.5	3766794.1	50.0	4.15	5.51	3.26	YES	HRDOW
L0000130	0	0.12571E-01	363654.7	3766785.4	49.7	4.15	5.51	3.26	YES	HRDOW
L0000131	0	0.12571E-01	363662.8	3766776.8	49.4	4.15	5.51	3.26	YES	HRDOW
L0000132	0	0.12571E-01	363670.9	3766768.2	49.0	4.15	5.51	3.26	YES	HRDOW
L0000133	0	0.12571E-01	363679.0	3766759.6	48.7	4.15	5.51	3.26	YES	HRDOW
L0000134	0	0.12571E-01	363687.1	3766750.9	48.6	4.15	5.51	3.26	YES	HRDOW
L0000135	0	0.12571E-01	363695.3	3766742.3	48.5	4.15	5.51	3.26	YES	HRDOW
L0000136	0	0.12571E-01	363703.4	3766733.7	48.4	4.15	5.51	3.26	YES	HRDOW
L0000137	0	0.12571E-01	363711.5	3766725.0	48.2	4.15	5.51	3.26	YES	HRDOW
L0000138	0	0.12571E-01	363719.6	3766716.4	48.2	4.15	5.51	3.26	YES	HRDOW
L0000139	0	0.12571E-01	363727.8	3766707.8	48.2	4.15	5.51	3.26	YES	HRDOW
L0000140	0	0.12571E-01	363735.9	3766699.2	48.0	4.15	5.51	3.26	YES	HRDOW
L0000141	0	0.12571E-01	363744.0	3766690.5	47.8	4.15	5.51	3.26	YES	HRDOW
L0000142	0	0.12571E-01	363752.6	3766698.5	47.8	4.15	5.51	3.26	YES	HRDOW
L0000143	0	0.12571E-01	363761.2	3766706.6	47.9	4.15	5.51	3.26	YES	HRDOW
L0000144	0	0.12571E-01	363769.8	3766714.8	48.0	4.15	5.51	3.26	YES	HRDOW
L0000145	0	0.12571E-01	363778.4	3766722.9	48.1	4.15	5.51	3.26	YES	HRDOW
L0000146	0	0.12571E-01	363787.0	3766731.1	48.2	4.15	5.51	3.26	YES	HRDOW
L0000147	0	0.12571E-01	363795.6	3766739.2	48.2	4.15	5.51	3.26	YES	HRDOW
L0000148	0	0.12571E-01	363804.2	3766747.4	48.3	4.15	5.51	3.26	YES	HRDOW
L0000149	0	0.12571E-01	363812.8	3766755.5	48.4	4.15	5.51	3.26	YES	HRDOW
L0000150	0	0.12571E-01	363821.4	3766763.7	48.4	4.15	5.51	3.26	YES	HRDOW
L0000151	0	0.12571E-01	363830.0	3766771.8	48.4	4.15	5.51	3.26	YES	HRDOW
L0000152	0	0.12571E-01	363838.6	3766780.0	48.5	4.15	5.51	3.26	YES	HRDOW
L0000153	0	0.12571E-01	363847.2	3766788.2	48.6	4.15	5.51	3.26	YES	HRDOW
L0000154	0	0.12571E-01	363855.8	3766796.3	48.6	4.15	5.51	3.26	YES	HRDOW
L0000155	0	0.12571E-01	363864.4	3766804.5	48.6	4.15	5.51	3.26	YES	HRDOW
L0000156	0	0.12571E-01	363873.0	3766812.6	48.7	4.15	5.51	3.26	YES	HRDOW
L0000157	0	0.12571E-01	363881.6	3766820.8	48.7	4.15	5.51	3.26	YES	HRDOW
L0000158	0	0.12571E-01	363890.2	3766828.9	48.8	4.15	5.51	3.26	YES	HRDOW
L0000159	0	0.12571E-01	363898.8	3766837.1	48.9	4.15	5.51	3.26	YES	HRDOW
L0000160	0	0.12571E-01	363907.4	3766845.2	49.1	4.15	5.51	3.26	YES	HRDOW
L0000161	0	0.12571E-01	363916.0	3766853.4	49.4	4.15	5.51	3.26	YES	HRDOW
L0000162	0	0.12571E-01	363924.6	3766861.5	49.6	4.15	5.51	3.26	YES	HRDOW
L0000163	0	0.12571E-01	363933.2	3766869.7	49.8	4.15	5.51	3.26	YES	HRDOW
L0000164	0	0.12571E-01	363941.8	3766877.8	50.1	4.15	5.51	3.26	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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
L0000165	0	0.12571E-01	363950.4	3766886.0	50.3	4.15	5.51	3.26	YES	HRDOW
L0000166	0	0.12571E-01	363959.0	3766894.1	50.5	4.15	5.51	3.26	YES	HRDOW
L0000101	0	0.19667E-01	363413.6	3766373.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000102	0	0.19667E-01	363427.1	3766386.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000103	0	0.19667E-01	363440.6	3766399.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000104	0	0.19667E-01	363454.2	3766412.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000105	0	0.19667E-01	363467.7	3766425.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000106	0	0.19667E-01	363481.2	3766438.7	46.7	4.15	8.72	3.26	YES	HRDOW
L0000107	0	0.19667E-01	363494.7	3766451.6	46.7	4.15	8.72	3.26	YES	HRDOW
L0000108	0	0.19667E-01	363508.2	3766464.6	46.8	4.15	8.72	3.26	YES	HRDOW
L0000109	0	0.19667E-01	363521.7	3766477.6	47.0	4.15	8.72	3.26	YES	HRDOW
L0000110	0	0.19667E-01	363535.2	3766490.6	47.0	4.15	8.72	3.26	YES	HRDOW
L0000111	0	0.19667E-01	363548.8	3766503.6	47.2	4.15	8.72	3.26	YES	HRDOW
L0000112	0	0.19667E-01	363562.3	3766516.6	47.1	4.15	8.72	3.26	YES	HRDOW
L0000113	0	0.19667E-01	363575.8	3766529.6	47.2	4.15	8.72	3.26	YES	HRDOW
L0000114	0	0.19667E-01	363589.3	3766542.6	47.2	4.15	8.72	3.26	YES	HRDOW
L0000115	0	0.19667E-01	363602.8	3766555.6	47.2	4.15	8.72	3.26	YES	HRDOW
L0000116	0	0.19667E-01	363616.3	3766568.6	47.3	4.15	8.72	3.26	YES	HRDOW
L0000117	0	0.19667E-01	363629.8	3766581.6	47.3	4.15	8.72	3.26	YES	HRDOW
L0000118	0	0.19667E-01	363643.4	3766594.6	47.4	4.15	8.72	3.26	YES	HRDOW
L0000119	0	0.19667E-01	363656.9	3766607.6	47.5	4.15	8.72	3.26	YES	HRDOW
L0000120	0	0.19667E-01	363670.4	3766620.6	47.6	4.15	8.72	3.26	YES	HRDOW
L0000121	0	0.19667E-01	363683.9	3766633.6	47.7	4.15	8.72	3.26	YES	HRDOW
L0000122	0	0.19667E-01	363697.4	3766646.6	47.7	4.15	8.72	3.26	YES	HRDOW
L0000123	0	0.19667E-01	363710.9	3766659.6	47.7	4.15	8.72	3.26	YES	HRDOW
L0000124	0	0.19667E-01	363724.5	3766672.6	47.8	4.15	8.72	3.26	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	0.12248E-03	363614.0	3766751.1	50.0	4.15	14	1.93	YES	HRDOW
2	0	0.12254E-03	363537.1	3766687.8	49.9	4.15	4	1.93	YES	HRDOW

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ONSITE	1 , 2 ,
OFFSITE	L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
	L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
	L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 ,
	L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 , L0000155 , L0000156 ,
	L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 , L0000164 ,
	L0000165 , L0000166 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 ,
	L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 ,
	L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 ,
	L0000123 , L0000124 ,

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

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

URBAN ID	URBAN POP	SOURCE IDs
	9830000.	1 , 2 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 ,
		L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 ,
		L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 ,
		L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 ,
		L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 ,
		L0000163 , L0000164 , L0000165 , L0000166 , L0000101 , L0000102 , L0000103 , L0000104 ,
		L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 ,
		L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 ,
		L0000121 , L0000122 , L0000123 , L0000124 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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

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

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

SOURCE ID = L0000101 TO L0000166 ; SOURCE TYPE = VOLUME :

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

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

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

(363781.4, 3766476.5,	46.6,	46.6,	0.0);	(363801.4, 3766476.5,	46.7,	46.7,	0.0);
(363761.4, 3766496.5,	46.7,	46.7,	0.0);	(363781.4, 3766496.5,	46.4,	46.4,	0.0);
(363801.4, 3766496.5,	46.4,	46.4,	0.0);	(363741.4, 3766516.5,	47.0,	47.0,	0.0);
(363761.4, 3766516.5,	47.0,	47.0,	0.0);	(363781.4, 3766516.5,	46.4,	46.4,	0.0);
(363841.4, 3766516.5,	46.9,	46.9,	0.0);	(363261.4, 3766536.5,	50.6,	50.6,	0.0);
(363721.4, 3766536.5,	47.1,	47.1,	0.0);	(363741.4, 3766536.5,	47.1,	47.1,	0.0);
(363761.4, 3766536.5,	47.0,	47.0,	0.0);	(363781.4, 3766536.5,	46.8,	46.8,	0.0);
(363821.4, 3766536.5,	47.1,	47.1,	0.0);	(363841.4, 3766536.5,	47.0,	47.0,	0.0);
(363241.4, 3766556.5,	51.4,	51.4,	0.0);	(363261.4, 3766556.5,	51.1,	51.1,	0.0);
(363281.4, 3766556.5,	50.7,	50.7,	0.0);	(363701.4, 3766556.5,	47.2,	47.2,	0.0);
(363721.4, 3766556.5,	47.2,	47.2,	0.0);	(363741.4, 3766556.5,	47.1,	47.1,	0.0);
(363761.4, 3766556.5,	47.0,	47.0,	0.0);	(363801.4, 3766556.5,	47.2,	47.2,	0.0);
(363821.4, 3766556.5,	47.3,	47.3,	0.0);	(363221.4, 3766576.5,	52.2,	52.2,	0.0);
(363241.4, 3766576.5,	51.7,	51.7,	0.0);	(363261.4, 3766576.5,	51.3,	51.3,	0.0);
(363496.2, 3766680.5,	50.6,	50.6,	0.0);	(363496.3, 3766713.8,	51.3,	51.3,	0.0);
(363721.4, 3766576.5,	47.3,	47.3,	0.0);	(363741.4, 3766576.5,	47.1,	47.1,	0.0);
(363781.4, 3766576.5,	47.3,	47.3,	0.0);	(363801.4, 3766576.5,	47.4,	47.4,	0.0);
(363201.4, 3766596.5,	53.0,	53.0,	0.0);	(363221.4, 3766596.5,	52.6,	52.6,	0.0);
(363241.4, 3766596.5,	52.1,	52.1,	0.0);	(363281.4, 3766596.5,	51.6,	51.6,	0.0);
(363301.4, 3766596.5,	51.4,	51.4,	0.0);	(363321.4, 3766596.5,	51.0,	51.0,	0.0);
(363575.2, 3766590.4,	47.8,	47.8,	0.0);	(363592.9, 3766607.1,	48.0,	48.0,	0.0);
(363763.7, 3766588.0,	47.4,	47.4,	0.0);	(363781.4, 3766596.5,	47.5,	47.5,	0.0);
(363181.4, 3766616.5,	53.6,	53.6,	0.0);	(363201.4, 3766616.5,	53.5,	53.5,	0.0);
(363221.4, 3766616.5,	53.0,	53.0,	0.0);	(363261.4, 3766616.5,	52.3,	52.3,	0.0);
(363281.4, 3766616.5,	52.2,	52.2,	0.0);	(363301.4, 3766616.5,	51.8,	51.8,	0.0);
(363321.4, 3766616.5,	51.3,	51.3,	0.0);	(363341.4, 3766616.5,	50.9,	50.9,	0.0);
(363544.6, 3766623.4,	48.6,	48.6,	0.0);	(363561.4, 3766616.5,	48.3,	48.3,	0.0);
(363510.4, 3766688.5,	50.4,	50.4,	0.0);	(363901.4, 3766616.5,	47.4,	47.4,	0.0);
(363921.4, 3766616.5,	47.3,	47.3,	0.0);	(363161.4, 3766636.5,	54.5,	54.5,	0.0);
(363181.4, 3766636.5,	54.2,	54.2,	0.0);	(363201.4, 3766636.5,	54.0,	54.0,	0.0);
(363241.4, 3766636.5,	53.3,	53.3,	0.0);	(363261.4, 3766636.5,	53.2,	53.2,	0.0);
(363281.4, 3766636.5,	52.8,	52.8,	0.0);	(363301.4, 3766636.5,	52.4,	52.4,	0.0);
(363321.4, 3766636.5,	51.8,	51.8,	0.0);	(363341.4, 3766636.5,	51.3,	51.3,	0.0);
(363526.2, 3766643.1,	49.3,	49.3,	0.0);	(363541.4, 3766636.5,	48.9,	48.9,	0.0);
(363561.4, 3766636.5,	48.7,	48.7,	0.0);	(363881.4, 3766636.5,	47.6,	47.6,	0.0);
(363901.4, 3766636.5,	47.6,	47.6,	0.0);	(363141.4, 3766656.5,	55.4,	55.4,	0.0);
(363161.4, 3766656.5,	55.1,	55.1,	0.0);	(363181.4, 3766656.5,	54.8,	54.8,	0.0);
(363221.4, 3766656.5,	54.1,	54.1,	0.0);	(363241.4, 3766656.5,	53.9,	53.9,	0.0);
(363261.4, 3766656.5,	53.7,	53.7,	0.0);	(363281.4, 3766656.5,	53.2,	53.2,	0.0);
(363301.4, 3766656.5,	52.5,	52.5,	0.0);	(363321.4, 3766656.5,	52.1,	52.1,	0.0);
(363361.4, 3766656.5,	51.8,	51.8,	0.0);	(363381.4, 3766656.5,	51.5,	51.5,	0.0);
(363579.2, 3766624.0,	48.3,	48.3,	0.0);	(363521.4, 3766656.5,	49.7,	49.7,	0.0);
(363541.4, 3766656.5,	49.3,	49.3,	0.0);	(363861.4, 3766656.5,	47.7,	47.7,	0.0);
(363881.4, 3766656.5,	47.6,	47.6,	0.0);	(363941.4, 3766656.5,	47.4,	47.4,	0.0);
(363161.4, 3766676.5,	55.7,	55.7,	0.0);	(363201.4, 3766676.5,	54.8,	54.8,	0.0);

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

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

(363221.4,	3766676.5,	54.6,	54.6,	0.0);	(363241.4,	3766676.5,	54.5,	54.5,	0.0);
(363261.4,	3766676.5,	54.2,	54.2,	0.0);	(363281.4,	3766676.5,	53.8,	53.8,	0.0);
(363301.4,	3766676.5,	52.8,	52.8,	0.0);	(363341.4,	3766676.5,	52.6,	52.6,	0.0);
(363361.4,	3766676.5,	52.6,	52.6,	0.0);	(363381.4,	3766676.5,	52.2,	52.2,	0.0);
(363401.4,	3766676.5,	51.7,	51.7,	0.0);	(363521.9,	3766687.4,	50.2,	50.2,	0.0);
(363519.7,	3766667.8,	50.0,	50.0,	0.0);	(363841.4,	3766676.5,	47.8,	47.8,	0.0);
(363861.4,	3766676.5,	47.7,	47.7,	0.0);	(363921.4,	3766676.5,	47.8,	47.8,	0.0);
(363941.4,	3766676.5,	47.7,	47.7,	0.0);	(363961.4,	3766676.5,	47.8,	47.8,	0.0);
(363981.4,	3766676.5,	48.0,	48.0,	0.0);	(364001.4,	3766676.5,	48.1,	48.1,	0.0);
(363181.4,	3766696.5,	55.9,	55.9,	0.0);	(363201.4,	3766696.5,	55.0,	55.0,	0.0);
(363221.4,	3766696.5,	54.6,	54.6,	0.0);	(363241.4,	3766696.5,	54.8,	54.8,	0.0);
(363261.4,	3766696.5,	54.9,	54.9,	0.0);	(363281.4,	3766696.5,	54.5,	54.5,	0.0);
(363321.4,	3766696.5,	53.4,	53.4,	0.0);	(363341.4,	3766696.5,	53.3,	53.3,	0.0);
(363361.4,	3766696.5,	53.0,	53.0,	0.0);	(363381.4,	3766696.5,	52.6,	52.6,	0.0);
(363401.4,	3766696.5,	52.2,	52.2,	0.0);	(363421.4,	3766696.5,	52.0,	52.0,	0.0);
(363481.4,	3766696.5,	51.4,	51.4,	0.0);	(363503.5,	3766703.6,	50.9,	50.9,	0.0);
(363901.4,	3766696.5,	47.4,	47.4,	0.0);	(363921.4,	3766696.5,	47.9,	47.9,	0.0);
(363941.4,	3766696.5,	48.0,	48.0,	0.0);	(363961.4,	3766696.5,	48.1,	48.1,	0.0);
(363981.4,	3766696.5,	48.2,	48.2,	0.0);	(364001.4,	3766696.5,	48.3,	48.3,	0.0);
(363201.4,	3766716.5,	55.8,	55.8,	0.0);	(363221.4,	3766716.5,	55.6,	55.6,	0.0);
(363241.4,	3766716.5,	55.6,	55.6,	0.0);	(363261.4,	3766716.5,	55.5,	55.5,	0.0);
(363301.4,	3766716.5,	54.4,	54.4,	0.0);	(363321.4,	3766716.5,	54.1,	54.1,	0.0);
(363341.4,	3766716.5,	53.9,	53.9,	0.0);	(363361.4,	3766716.5,	53.6,	53.6,	0.0);
(363381.4,	3766716.5,	53.2,	53.2,	0.0);	(363401.4,	3766716.5,	52.8,	52.8,	0.0);
(363421.4,	3766716.5,	52.4,	52.4,	0.0);	(363881.4,	3766716.5,	47.9,	47.9,	0.0);
(363901.4,	3766716.5,	47.9,	47.9,	0.0);	(363921.4,	3766716.5,	48.0,	48.0,	0.0);
(363941.4,	3766716.5,	48.1,	48.1,	0.0);	(363961.4,	3766716.5,	48.3,	48.3,	0.0);
(363981.4,	3766716.5,	48.4,	48.4,	0.0);	(364021.4,	3766716.5,	47.8,	47.8,	0.0);
(364041.4,	3766716.5,	48.4,	48.4,	0.0);	(363221.4,	3766736.5,	56.9,	56.9,	0.0);
(363241.4,	3766736.5,	56.7,	56.7,	0.0);	(363281.4,	3766736.5,	55.4,	55.4,	0.0);
(363301.4,	3766736.5,	55.1,	55.1,	0.0);	(363321.4,	3766736.5,	54.8,	54.8,	0.0);
(363341.4,	3766736.5,	54.5,	54.5,	0.0);	(363361.4,	3766736.5,	54.2,	54.2,	0.0);
(363381.4,	3766736.5,	53.8,	53.8,	0.0);	(363401.4,	3766736.5,	53.3,	53.3,	0.0);
(363441.4,	3766736.5,	52.8,	52.8,	0.0);	(363461.4,	3766736.5,	52.4,	52.4,	0.0);
(363881.4,	3766736.5,	48.1,	48.1,	0.0);	(363901.4,	3766736.5,	48.2,	48.2,	0.0);
(363921.4,	3766736.5,	48.2,	48.2,	0.0);	(363941.4,	3766736.5,	48.3,	48.3,	0.0);
(363961.4,	3766736.5,	48.4,	48.4,	0.0);	(364001.4,	3766736.5,	48.9,	48.9,	0.0);
(364021.4,	3766736.5,	48.4,	48.4,	0.0);	(364041.4,	3766736.5,	48.7,	48.7,	0.0);
(364061.4,	3766736.5,	48.9,	48.9,	0.0);	(363301.4,	3766756.5,	55.7,	55.7,	0.0);
(363321.4,	3766756.5,	55.3,	55.3,	0.0);	(363341.4,	3766756.5,	55.1,	55.1,	0.0);
(363361.4,	3766756.5,	54.9,	54.9,	0.0);	(363381.4,	3766756.5,	54.1,	54.1,	0.0);
(363421.4,	3766756.5,	53.6,	53.6,	0.0);	(363441.4,	3766756.5,	53.5,	53.5,	0.0);
(363461.4,	3766756.5,	52.7,	52.7,	0.0);	(363481.4,	3766756.5,	51.5,	51.5,	0.0);
(363701.4,	3766756.5,	48.5,	48.5,	0.0);	(363721.4,	3766756.5,	48.5,	48.5,	0.0);
(363901.4,	3766756.5,	48.3,	48.3,	0.0);	(363921.4,	3766756.5,	48.5,	48.5,	0.0);

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

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

(363941.4,	3766756.5,	48.5,	48.5,	0.0);	(363981.4,	3766756.5,	48.8,	48.8,	0.0);
(364001.4,	3766756.5,	49.4,	49.4,	0.0);	(364021.4,	3766756.5,	49.3,	49.3,	0.0);
(364041.4,	3766756.5,	49.1,	49.1,	0.0);	(364061.4,	3766756.5,	49.2,	49.2,	0.0);
(364081.4,	3766756.5,	49.3,	49.3,	0.0);	(363321.4,	3766776.5,	56.0,	56.0,	0.0);
(363341.4,	3766776.5,	55.6,	55.6,	0.0);	(363361.4,	3766776.5,	55.2,	55.2,	0.0);
(363401.4,	3766776.5,	54.2,	54.2,	0.0);	(363421.4,	3766776.5,	54.0,	54.0,	0.0);
(363441.4,	3766776.5,	53.7,	53.7,	0.0);	(363461.4,	3766776.5,	52.9,	52.9,	0.0);
(363481.4,	3766776.5,	52.2,	52.2,	0.0);	(363501.4,	3766776.5,	51.9,	51.9,	0.0);
(363681.4,	3766776.5,	49.0,	49.0,	0.0);	(363701.4,	3766776.5,	48.8,	48.8,	0.0);
(363721.4,	3766776.5,	48.7,	48.7,	0.0);	(363741.4,	3766776.5,	48.8,	48.8,	0.0);
(363921.4,	3766776.5,	48.6,	48.6,	0.0);	(363961.4,	3766776.5,	48.8,	48.8,	0.0);
(363981.4,	3766776.5,	49.1,	49.1,	0.0);	(364001.4,	3766776.5,	49.3,	49.3,	0.0);
(364021.4,	3766776.5,	49.4,	49.4,	0.0);	(364041.4,	3766776.5,	49.4,	49.4,	0.0);
(364061.4,	3766776.5,	49.5,	49.5,	0.0);	(364081.4,	3766776.5,	49.5,	49.5,	0.0);
(363341.4,	3766796.5,	56.1,	56.1,	0.0);	(363381.4,	3766796.5,	55.2,	55.2,	0.0);
(363401.4,	3766796.5,	54.8,	54.8,	0.0);	(363421.4,	3766796.5,	54.3,	54.3,	0.0);
(363441.4,	3766796.5,	53.8,	53.8,	0.0);	(363461.4,	3766796.5,	53.3,	53.3,	0.0);
(363481.4,	3766796.5,	53.1,	53.1,	0.0);	(363521.4,	3766796.5,	52.1,	52.1,	0.0);
(363661.4,	3766796.5,	49.9,	49.9,	0.0);	(363681.4,	3766796.5,	49.4,	49.4,	0.0);
(363701.4,	3766796.5,	49.0,	49.0,	0.0);	(363721.4,	3766796.5,	48.9,	48.9,	0.0);
(363741.4,	3766796.5,	49.0,	49.0,	0.0);	(363761.4,	3766796.5,	48.8,	48.8,	0.0);
(363941.4,	3766796.5,	48.9,	48.9,	0.0);	(363961.4,	3766796.5,	49.0,	49.0,	0.0);
(363981.4,	3766796.5,	49.1,	49.1,	0.0);	(364001.4,	3766796.5,	49.0,	49.0,	0.0);
(364021.4,	3766796.5,	49.5,	49.5,	0.0);	(364041.4,	3766796.5,	49.6,	49.6,	0.0);
(364061.4,	3766796.5,	49.6,	49.6,	0.0);	(363361.4,	3766816.5,	56.4,	56.4,	0.0);
(363381.4,	3766816.5,	55.7,	55.7,	0.0);	(363401.4,	3766816.5,	55.2,	55.2,	0.0);
(363421.4,	3766816.5,	54.8,	54.8,	0.0);	(363441.4,	3766816.5,	54.5,	54.5,	0.0);
(363461.4,	3766816.5,	54.0,	54.0,	0.0);	(363501.4,	3766816.5,	53.3,	53.3,	0.0);
(363521.4,	3766816.5,	53.0,	53.0,	0.0);	(363541.4,	3766816.5,	52.3,	52.3,	0.0);
(363561.4,	3766816.5,	52.2,	52.2,	0.0);	(363641.4,	3766816.5,	50.8,	50.8,	0.0);
(363661.4,	3766816.5,	50.3,	50.3,	0.0);	(363681.4,	3766816.5,	49.8,	49.8,	0.0);
(363701.4,	3766816.5,	49.4,	49.4,	0.0);	(363721.4,	3766816.5,	49.1,	49.1,	0.0);
(363741.4,	3766816.5,	49.0,	49.0,	0.0);	(363921.4,	3766816.5,	48.9,	48.9,	0.0);
(363941.4,	3766816.5,	49.1,	49.1,	0.0);	(363961.4,	3766816.5,	49.2,	49.2,	0.0);
(363981.4,	3766816.5,	49.1,	49.1,	0.0);	(364001.4,	3766816.5,	48.8,	48.8,	0.0);
(364021.4,	3766816.5,	49.7,	49.7,	0.0);	(364041.4,	3766816.5,	49.8,	49.8,	0.0);
(363201.4,	3766836.5,	60.6,	60.6,	0.0);	(363341.4,	3766836.5,	57.3,	57.3,	0.0);
(363361.4,	3766836.5,	57.1,	57.1,	0.0);	(363381.4,	3766836.5,	56.5,	56.5,	0.0);
(363401.4,	3766836.5,	55.8,	55.8,	0.0);	(363421.4,	3766836.5,	55.3,	55.3,	0.0);
(363441.4,	3766836.5,	55.0,	55.0,	0.0);	(363481.4,	3766836.5,	54.2,	54.2,	0.0);
(363501.4,	3766836.5,	53.8,	53.8,	0.0);	(363521.4,	3766836.5,	53.3,	53.3,	0.0);
(363541.4,	3766836.5,	52.8,	52.8,	0.0);	(363561.4,	3766836.5,	52.6,	52.6,	0.0);
(363581.4,	3766836.5,	52.2,	52.2,	0.0);	(363621.4,	3766836.5,	51.5,	51.5,	0.0);
(363641.4,	3766836.5,	51.1,	51.1,	0.0);	(363661.4,	3766836.5,	50.5,	50.5,	0.0);
(363681.4,	3766836.5,	50.0,	50.0,	0.0);	(363701.4,	3766836.5,	49.6,	49.6,	0.0);

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

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

(363721.4,	3766836.5,	49.3,	49.3,	0.0);	(363941.4,	3766836.5,	49.4,	49.4,	0.0);
(363961.4,	3766836.5,	49.5,	49.5,	0.0);	(363981.4,	3766836.5,	49.5,	49.5,	0.0);
(364001.4,	3766836.5,	49.5,	49.5,	0.0);	(364021.4,	3766836.5,	49.8,	49.8,	0.0);
(363181.4,	3766856.5,	61.9,	61.9,	0.0);	(363201.4,	3766856.5,	61.4,	61.4,	0.0);
(363221.4,	3766856.5,	60.7,	60.7,	0.0);	(363341.4,	3766856.5,	57.8,	57.8,	0.0);
(363361.4,	3766856.5,	57.6,	57.6,	0.0);	(363381.4,	3766856.5,	57.4,	57.4,	0.0);
(363401.4,	3766856.5,	56.6,	56.6,	0.0);	(363421.4,	3766856.5,	55.8,	55.8,	0.0);
(363461.4,	3766856.5,	55.2,	55.2,	0.0);	(363481.4,	3766856.5,	54.8,	54.8,	0.0);
(363501.4,	3766856.5,	54.1,	54.1,	0.0);	(363521.4,	3766856.5,	53.5,	53.5,	0.0);
(363541.4,	3766856.5,	53.3,	53.3,	0.0);	(363561.4,	3766856.5,	52.9,	52.9,	0.0);
(363641.4,	3766856.5,	51.2,	51.2,	0.0);	(363661.4,	3766856.5,	50.7,	50.7,	0.0);
(363681.4,	3766856.5,	50.2,	50.2,	0.0);	(363701.4,	3766856.5,	49.8,	49.8,	0.0);
(363741.4,	3766856.5,	49.7,	49.7,	0.0);	(363881.4,	3766856.5,	49.1,	49.1,	0.0);
(363901.4,	3766856.5,	49.3,	49.3,	0.0);	(363941.4,	3766856.5,	49.7,	49.7,	0.0);
(363961.4,	3766856.5,	49.8,	49.8,	0.0);	(363981.4,	3766856.5,	49.9,	49.9,	0.0);
(364001.4,	3766856.5,	49.9,	49.9,	0.0);	(363161.4,	3766876.5,	63.0,	63.0,	0.0);
(363181.4,	3766876.5,	62.6,	62.6,	0.0);	(363201.4,	3766876.5,	61.9,	61.9,	0.0);
(363221.4,	3766876.5,	61.3,	61.3,	0.0);	(363241.4,	3766876.5,	60.8,	60.8,	0.0);
(363361.4,	3766876.5,	57.9,	57.9,	0.0);	(363381.4,	3766876.5,	57.8,	57.8,	0.0);
(363401.4,	3766876.5,	57.1,	57.1,	0.0);	(363441.4,	3766876.5,	56.1,	56.1,	0.0);
(363461.4,	3766876.5,	55.8,	55.8,	0.0);	(363481.4,	3766876.5,	55.1,	55.1,	0.0);
(363501.4,	3766876.5,	54.6,	54.6,	0.0);	(363521.4,	3766876.5,	54.2,	54.2,	0.0);
(363541.4,	3766876.5,	53.7,	53.7,	0.0);	(363542.1,	3766801.8,	51.9,	51.9,	0.0);
(363601.4,	3766876.5,	52.4,	52.4,	0.0);	(363620.3,	3766880.6,	51.8,	51.8,	0.0);
(363661.4,	3766876.5,	50.8,	50.8,	0.0);	(363681.4,	3766876.5,	50.4,	50.4,	0.0);
(363721.4,	3766876.5,	50.0,	50.0,	0.0);	(363741.4,	3766876.5,	50.0,	50.0,	0.0);
(363761.4,	3766876.5,	50.0,	50.0,	0.0);	(363801.4,	3766876.5,	49.2,	49.2,	0.0);
(363881.4,	3766876.5,	49.4,	49.4,	0.0);	(363901.4,	3766876.5,	49.6,	49.6,	0.0);
(363921.4,	3766876.5,	49.8,	49.8,	0.0);	(363961.4,	3766876.5,	50.2,	50.2,	0.0);
(363981.4,	3766876.5,	50.2,	50.2,	0.0);	(363141.4,	3766896.5,	64.2,	64.2,	0.0);
(363161.4,	3766896.5,	63.9,	63.9,	0.0);	(363181.4,	3766896.5,	63.3,	63.3,	0.0);
(363201.4,	3766896.5,	62.6,	62.6,	0.0);	(363221.4,	3766896.5,	62.0,	62.0,	0.0);
(363241.4,	3766896.5,	61.5,	61.5,	0.0);	(363381.4,	3766896.5,	58.1,	58.1,	0.0);
(363461.4,	3766896.5,	56.3,	56.3,	0.0);	(363481.4,	3766896.5,	55.7,	55.7,	0.0);
(363501.4,	3766896.5,	55.2,	55.2,	0.0);	(363521.4,	3766896.5,	54.7,	54.7,	0.0);
(363581.4,	3766896.5,	53.2,	53.2,	0.0);	(363601.4,	3766896.5,	52.7,	52.7,	0.0);
(363623.4,	3766901.7,	52.0,	52.0,	0.0);	(363641.4,	3766896.5,	51.4,	51.4,	0.0);
(363701.4,	3766896.5,	50.4,	50.4,	0.0);	(363721.4,	3766896.5,	50.3,	50.3,	0.0);
(363761.4,	3766896.5,	50.1,	50.1,	0.0);	(363781.4,	3766896.5,	49.8,	49.8,	0.0);
(363801.4,	3766896.5,	49.5,	49.5,	0.0);	(363821.4,	3766896.5,	49.7,	49.7,	0.0);
(363861.4,	3766896.5,	49.4,	49.4,	0.0);	(363881.4,	3766896.5,	49.4,	49.4,	0.0);
(363901.4,	3766896.5,	49.8,	49.8,	0.0);	(363141.4,	3766916.5,	65.1,	65.1,	0.0);
(363161.4,	3766916.5,	64.7,	64.7,	0.0);	(363181.4,	3766916.5,	64.1,	64.1,	0.0);
(363201.4,	3766916.5,	63.7,	63.7,	0.0);	(363221.4,	3766916.5,	62.8,	62.8,	0.0);
(363261.4,	3766916.5,	62.2,	62.2,	0.0);	(363281.4,	3766916.5,	61.5,	61.5,	0.0);

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

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

(363481.4,	3766916.5,	56.4,	56.4,	0.0);	(363501.4,	3766916.5,	55.8,	55.8,	0.0);
(363594.0,	3766905.6,	53.1,	53.1,	0.0);	(363621.4,	3766916.5,	52.3,	52.3,	0.0);
(363641.4,	3766916.5,	51.9,	51.9,	0.0);	(363649.3,	3766910.2,	51.6,	51.6,	0.0);
(363721.4,	3766916.5,	50.5,	50.5,	0.0);	(363741.4,	3766916.5,	50.6,	50.6,	0.0);
(363761.4,	3766916.5,	50.2,	50.2,	0.0);	(363781.4,	3766916.5,	49.9,	49.9,	0.0);
(363801.4,	3766916.5,	49.8,	49.8,	0.0);	(363841.4,	3766916.5,	49.8,	49.8,	0.0);
(363861.4,	3766916.5,	49.6,	49.6,	0.0);	(363881.4,	3766916.5,	49.7,	49.7,	0.0);
(363901.4,	3766916.5,	50.2,	50.2,	0.0);	(363921.4,	3766916.5,	50.6,	50.6,	0.0);
(363141.4,	3766936.5,	65.6,	65.6,	0.0);	(363161.4,	3766936.5,	65.2,	65.2,	0.0);
(363181.4,	3766936.5,	64.8,	64.8,	0.0);	(363201.4,	3766936.5,	64.1,	64.1,	0.0);
(363241.4,	3766936.5,	63.0,	63.0,	0.0);	(363261.4,	3766936.5,	62.9,	62.9,	0.0);
(363281.4,	3766936.5,	62.1,	62.1,	0.0);	(363301.4,	3766936.5,	61.5,	61.5,	0.0);
(363321.4,	3766936.5,	61.0,	61.0,	0.0);	(363601.4,	3766936.5,	52.6,	52.6,	0.0);
(363621.4,	3766936.5,	52.8,	52.8,	0.0);	(363641.4,	3766936.5,	52.3,	52.3,	0.0);
(363681.4,	3766936.5,	51.4,	51.4,	0.0);	(363741.4,	3766936.5,	50.8,	50.8,	0.0);
(363761.4,	3766936.5,	50.4,	50.4,	0.0);	(363781.4,	3766936.5,	50.1,	50.1,	0.0);
(363821.4,	3766936.5,	50.1,	50.1,	0.0);	(363841.4,	3766936.5,	50.2,	50.2,	0.0);
(363861.4,	3766936.5,	50.2,	50.2,	0.0);	(363881.4,	3766936.5,	50.3,	50.3,	0.0);
(363901.4,	3766936.5,	50.8,	50.8,	0.0);	(363921.4,	3766936.5,	51.0,	51.0,	0.0);
(363141.4,	3766956.5,	66.1,	66.1,	0.0);	(363161.4,	3766956.5,	65.8,	65.8,	0.0);
(363181.4,	3766956.5,	65.3,	65.3,	0.0);	(363221.4,	3766956.5,	64.0,	64.0,	0.0);
(363241.4,	3766956.5,	63.7,	63.7,	0.0);	(363261.4,	3766956.5,	63.3,	63.3,	0.0);
(363281.4,	3766956.5,	62.6,	62.6,	0.0);	(363301.4,	3766956.5,	62.0,	62.0,	0.0);
(363321.4,	3766956.5,	61.5,	61.5,	0.0);	(363574.5,	3766955.4,	54.3,	54.3,	0.0);
(363601.4,	3766956.5,	53.3,	53.3,	0.0);	(363582.3,	3766938.2,	53.2,	53.2,	0.0);
(363661.4,	3766956.5,	52.4,	52.4,	0.0);	(363681.4,	3766956.5,	51.9,	51.9,	0.0);
(363701.4,	3766956.5,	51.4,	51.4,	0.0);	(363761.4,	3766956.5,	50.5,	50.5,	0.0);
(363801.4,	3766956.5,	50.5,	50.5,	0.0);	(363821.4,	3766956.5,	50.4,	50.4,	0.0);
(363841.4,	3766956.5,	50.4,	50.4,	0.0);	(363861.4,	3766956.5,	50.5,	50.5,	0.0);
(363881.4,	3766956.5,	50.7,	50.7,	0.0);	(363901.4,	3766956.5,	51.0,	51.0,	0.0);
(363161.4,	3766976.5,	66.3,	66.3,	0.0);	(363201.4,	3766976.5,	65.2,	65.2,	0.0);
(363221.4,	3766976.5,	64.8,	64.8,	0.0);	(363241.4,	3766976.5,	64.2,	64.2,	0.0);
(363261.4,	3766976.5,	63.5,	63.5,	0.0);	(363281.4,	3766976.5,	63.0,	63.0,	0.0);
(363301.4,	3766976.5,	62.4,	62.4,	0.0);	(363341.4,	3766976.5,	61.3,	61.3,	0.0);
(363361.4,	3766976.5,	60.8,	60.8,	0.0);	(363561.4,	3766976.5,	55.6,	55.6,	0.0);
(363581.4,	3766976.5,	55.2,	55.2,	0.0);	(363589.0,	3766966.9,	54.3,	54.3,	0.0);
(363641.4,	3766976.5,	53.6,	53.6,	0.0);	(363661.4,	3766976.5,	53.1,	53.1,	0.0);
(363681.4,	3766976.5,	52.5,	52.5,	0.0);	(363701.4,	3766976.5,	51.9,	51.9,	0.0);
(363721.4,	3766976.5,	51.7,	51.7,	0.0);	(363781.4,	3766976.5,	50.7,	50.7,	0.0);
(363801.4,	3766976.5,	51.0,	51.0,	0.0);	(363821.4,	3766976.5,	50.5,	50.5,	0.0);
(363841.4,	3766976.5,	50.5,	50.5,	0.0);	(363861.4,	3766976.5,	50.7,	50.7,	0.0);
(363881.4,	3766976.5,	51.0,	51.0,	0.0);	(363181.4,	3766996.5,	66.3,	66.3,	0.0);
(363201.4,	3766996.5,	65.7,	65.7,	0.0);	(363221.4,	3766996.5,	65.2,	65.2,	0.0);
(363241.4,	3766996.5,	64.6,	64.6,	0.0);	(363261.4,	3766996.5,	64.0,	64.0,	0.0);
(363281.4,	3766996.5,	63.4,	63.4,	0.0);	(363301.4,	3766996.5,	62.9,	62.9,	0.0);

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

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

(363321.4,	3766996.5,	62.4,	62.4,	0.0);	(363341.4,	3766996.5,	62.0,	62.0,	0.0);
(363361.4,	3766996.5,	61.4,	61.4,	0.0);	(363381.4,	3766996.5,	60.9,	60.9,	0.0);
(363574.3,	3766988.7,	55.8,	55.8,	0.0);	(363621.4,	3766996.5,	54.8,	54.8,	0.0);
(363641.4,	3766996.5,	54.2,	54.2,	0.0);	(363661.4,	3766996.5,	53.6,	53.6,	0.0);
(363681.4,	3766996.5,	53.1,	53.1,	0.0);	(363701.4,	3766996.5,	52.6,	52.6,	0.0);
(363721.4,	3766996.5,	51.9,	51.9,	0.0);	(363801.4,	3766996.5,	51.3,	51.3,	0.0);
(363821.4,	3766996.5,	50.7,	50.7,	0.0);	(363841.4,	3766996.5,	50.7,	50.7,	0.0);
(363861.4,	3766996.5,	51.1,	51.1,	0.0);	(363181.4,	3767016.5,	66.9,	66.9,	0.0);
(363201.4,	3767016.5,	66.2,	66.2,	0.0);	(363221.4,	3767016.5,	65.5,	65.5,	0.0);
(363241.4,	3767016.5,	64.9,	64.9,	0.0);	(363261.4,	3767016.5,	64.5,	64.5,	0.0);
(363281.4,	3767016.5,	63.9,	63.9,	0.0);	(363321.4,	3767016.5,	63.0,	63.0,	0.0);
(363341.4,	3767016.5,	62.6,	62.6,	0.0);	(363361.4,	3767016.5,	61.9,	61.9,	0.0);
(363381.4,	3767016.5,	61.4,	61.4,	0.0);	(363401.4,	3767016.5,	60.7,	60.7,	0.0);
(363601.4,	3767016.5,	56.3,	56.3,	0.0);	(363621.4,	3767016.5,	55.4,	55.4,	0.0);
(363641.4,	3767016.5,	54.8,	54.8,	0.0);	(363661.4,	3767016.5,	54.1,	54.1,	0.0);
(363681.4,	3767016.5,	53.6,	53.6,	0.0);	(363701.4,	3767016.5,	53.2,	53.2,	0.0);
(363741.4,	3767016.5,	52.4,	52.4,	0.0);	(363761.4,	3767016.5,	52.0,	52.0,	0.0);
(363821.4,	3767016.5,	51.1,	51.1,	0.0);	(363841.4,	3767016.5,	51.3,	51.3,	0.0);
(363201.4,	3767036.5,	66.5,	66.5,	0.0);	(363221.4,	3767036.5,	65.9,	65.9,	0.0);
(363241.4,	3767036.5,	65.4,	65.4,	0.0);	(363261.4,	3767036.5,	64.7,	64.7,	0.0);
(363301.4,	3767036.5,	63.9,	63.9,	0.0);	(363321.4,	3767036.5,	63.4,	63.4,	0.0);
(363341.4,	3767036.5,	62.8,	62.8,	0.0);	(363361.4,	3767036.5,	62.3,	62.3,	0.0);
(363381.4,	3767036.5,	61.2,	61.2,	0.0);	(363601.4,	3767036.5,	57.5,	57.5,	0.0);
(363621.4,	3767036.5,	55.8,	55.8,	0.0);	(363641.4,	3767036.5,	55.2,	55.2,	0.0);
(363661.4,	3767036.5,	54.6,	54.6,	0.0);	(363681.4,	3767036.5,	54.0,	54.0,	0.0);
(363721.4,	3767036.5,	53.4,	53.4,	0.0);	(363741.4,	3767036.5,	53.1,	53.1,	0.0);
(363761.4,	3767036.5,	52.9,	52.9,	0.0);	(363781.4,	3767036.5,	52.6,	52.6,	0.0);
(363221.4,	3767056.5,	66.3,	66.3,	0.0);	(363241.4,	3767056.5,	65.7,	65.7,	0.0);
(363281.4,	3767056.5,	64.8,	64.8,	0.0);	(363301.4,	3767056.5,	64.2,	64.2,	0.0);
(363321.4,	3767056.5,	63.7,	63.7,	0.0);	(363341.4,	3767056.5,	63.2,	63.2,	0.0);
(363361.4,	3767056.5,	62.7,	62.7,	0.0);	(363641.4,	3767056.5,	56.0,	56.0,	0.0);
(363661.4,	3767056.5,	55.4,	55.4,	0.0);	(363701.4,	3767056.5,	54.5,	54.5,	0.0);
(363721.4,	3767056.5,	54.1,	54.1,	0.0);	(363741.4,	3767056.5,	53.9,	53.9,	0.0);
(363761.4,	3767056.5,	53.6,	53.6,	0.0);	(363261.4,	3767076.5,	65.6,	65.6,	0.0);
(363281.4,	3767076.5,	65.1,	65.1,	0.0);	(363301.4,	3767076.5,	64.5,	64.5,	0.0);
(363321.4,	3767076.5,	64.0,	64.0,	0.0);	(363341.4,	3767076.5,	63.5,	63.5,	0.0);
(363681.4,	3767076.5,	55.7,	55.7,	0.0);	(363701.4,	3767076.5,	55.5,	55.5,	0.0);
(363721.4,	3767076.5,	54.9,	54.9,	0.0);	(363741.4,	3767076.5,	54.6,	54.6,	0.0);
(363486.9,	3766687.3,	51.0,	51.0,	0.0);	(363539.1,	3766668.7,	49.5,	49.5,	0.0);
(363586.2,	3766653.9,	48.6,	48.6,	0.0);	(363594.3,	3766644.4,	48.5,	48.5,	0.0);
(363612.0,	3766627.4,	48.3,	48.3,	0.0);	(363623.0,	3766637.8,	48.4,	48.4,	0.0);
(363638.4,	3766651.8,	48.5,	48.5,	0.0);	(363651.7,	3766665.6,	48.8,	48.8,	0.0);
(363666.0,	3766678.5,	48.7,	48.7,	0.0);	(363625.3,	3766666.5,	48.8,	48.8,	0.0);
(363608.1,	3766683.4,	49.0,	49.0,	0.0);	(363624.2,	3766701.1,	49.2,	49.2,	0.0);
(363639.3,	3766715.1,	49.1,	49.1,	0.0);	(363623.7,	3766727.0,	49.4,	49.4,	0.0);

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

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

(363702.7, 3766703.3,	48.4,	48.4,	0.0);	(363576.9, 3766687.1,	49.3,	49.3,	0.0);
(363588.4, 3766697.4,	49.3,	49.3,	0.0);	(363603.2, 3766711.0,	49.5,	49.5,	0.0);
(363562.8, 3766700.7,	49.8,	49.8,	0.0);	(363577.8, 3766710.4,	49.8,	49.8,	0.0);
(363591.7, 3766724.3,	49.9,	49.9,	0.0);	(363545.3, 3766719.0,	50.4,	50.4,	0.0);
(363561.6, 3766732.0,	50.5,	50.5,	0.0);	(363574.3, 3766745.0,	50.6,	50.6,	0.0);
(363528.5, 3766740.8,	51.1,	51.1,	0.0);	(363556.0, 3766764.1,	51.1,	51.1,	0.0);
(363571.0, 3766780.7,	51.1,	51.1,	0.0);	(363582.8, 3766763.3,	50.7,	50.7,	0.0);
(363589.3, 3766769.2,	50.7,	50.7,	0.0);	(363605.0, 3766732.0,	49.9,	49.9,	0.0);
(363544.5, 3766753.2,	51.1,	51.1,	0.0);				

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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)
L0000125	363621.4	3766836.5	-1.04
L0000127	363641.4	3766816.5	0.42
L0000160	363901.4	3766856.5	0.89

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

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

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1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54,   3.09,   5.14,   8.23, 10.80,

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

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

Surface file: metdata-53 m\KSMO_v9.SFC Met Version: 16216
Profile file: metdata-53 m\KSMO_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 93197 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-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 FLGPOL 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
363781.42	3766476.48	0.16608	363801.42	3766476.48	0.14348
363761.42	3766496.48	0.21087	363781.42	3766496.48	0.17955
363801.42	3766496.48	0.15350	363741.42	3766516.48	0.27622
363761.42	3766516.48	0.23190	363781.42	3766516.48	0.19462
363841.42	3766516.48	0.12082	363261.42	3766536.48	0.40684
363721.42	3766536.48	0.37547	363741.42	3766536.48	0.30999
363761.42	3766536.48	0.25572	363781.42	3766536.48	0.21182
363821.42	3766536.48	0.14965	363841.42	3766536.48	0.12788
363241.42	3766556.48	0.38025	363261.42	3766556.48	0.41662
363281.42	3766556.48	0.45748	363701.42	3766556.48	0.53534
363721.42	3766556.48	0.43423	363741.42	3766556.48	0.35008
363761.42	3766556.48	0.28305	363801.42	3766556.48	0.19079
363821.42	3766556.48	0.15993	363221.42	3766576.48	0.35017
363241.42	3766576.48	0.38480	363261.42	3766576.48	0.42396
363496.24	3766680.55	3.50932	363496.29	3766713.80	3.24658
363721.42	3766576.48	0.50856	363741.42	3766576.48	0.39830
363781.42	3766576.48	0.25285	363801.42	3766576.48	0.20668
363201.42	3766596.48	0.31843	363221.42	3766596.48	0.35016
363241.42	3766596.48	0.38644	363281.42	3766596.48	0.47484
363301.42	3766596.48	0.52912	363321.42	3766596.48	0.59228
363575.20	3766590.38	1.82015	363592.94	3766607.09	2.17706
363763.73	3766588.02	0.32733	363781.42	3766596.48	0.27964
363181.42	3766616.48	0.28690	363201.42	3766616.48	0.31500
363221.42	3766616.48	0.34760	363261.42	3766616.48	0.42776
363281.42	3766616.48	0.47717	363301.42	3766616.48	0.53528
363321.42	3766616.48	0.60335	363341.42	3766616.48	0.68346
363544.61	3766623.39	3.36524	363561.42	3766616.48	2.87893
363510.36	3766688.48	4.71876	363901.42	3766616.48	0.12254
363921.42	3766616.48	0.10944	363161.42	3766636.48	0.25620
363181.42	3766636.48	0.28110	363201.42	3766636.48	0.30946
363241.42	3766636.48	0.38008	363261.42	3766636.48	0.42355
363281.42	3766636.48	0.47494	363301.42	3766636.48	0.53539
363321.42	3766636.48	0.60745	363341.42	3766636.48	0.69338
363526.20	3766643.12	4.37024	363541.42	3766636.48	4.48386
363561.42	3766636.48	4.63069	363881.42	3766636.48	0.16740
363901.42	3766636.48	0.14778	363141.42	3766656.48	0.21992
363161.42	3766656.48	0.24159	363181.42	3766656.48	0.27379
363221.42	3766656.48	0.33461	363241.42	3766656.48	0.37221
363261.42	3766656.48	0.41611	363281.42	3766656.48	0.46829
363301.42	3766656.48	0.53093	363321.42	3766656.48	0.60493

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	** CONC OF OTHER IN MICROGRAMS/M**3 CONC	X-COORD (M)	Y-COORD (M)	** CONC
363361.42	3766656.48	0.80098	363381.42	3766656.48	0.93497
363579.25	3766623.97	2.99966	363521.42	3766656.48	5.06880
363541.42	3766656.48	7.50967	363861.42	3766656.48	0.25318
363881.42	3766656.48	0.21872	363941.42	3766656.48	0.14791
363161.42	3766676.48	0.23130	363201.42	3766676.48	0.29282
363221.42	3766676.48	0.32457	363241.42	3766676.48	0.36159
363261.42	3766676.48	0.40515	363281.42	3766676.48	0.45706
363301.42	3766676.48	0.52058	363341.42	3766676.48	0.68372
363361.42	3766676.48	0.79314	363381.42	3766676.48	0.93210
363401.42	3766676.48	1.10943	363521.88	3766687.37	6.51688
363519.69	3766667.84	5.66687	363841.42	3766676.48	0.43914
363861.42	3766676.48	0.36453	363921.42	3766676.48	0.22500
363941.42	3766676.48	0.19537	363961.42	3766676.48	0.17099
363981.42	3766676.48	0.15070	364001.42	3766676.48	0.13367
363181.42	3766696.48	0.24351	363201.42	3766696.48	0.28073
363221.42	3766696.48	0.31347	363241.42	3766696.48	0.34891
363261.42	3766696.48	0.38808	363281.42	3766696.48	0.44127
363321.42	3766696.48	0.57612	363341.42	3766696.48	0.66471
363361.42	3766696.48	0.77515	363381.42	3766696.48	0.91510
363401.42	3766696.48	1.09288	363421.42	3766696.48	1.32469
363481.42	3766696.48	2.70134	363503.53	3766703.58	3.80870
363901.42	3766696.48	0.37150	363921.42	3766696.48	0.31237
363941.42	3766696.48	0.26571	363961.42	3766696.48	0.22834
363981.42	3766696.48	0.19799	364001.42	3766696.48	0.17303
363201.42	3766716.48	0.25722	363221.42	3766716.48	0.28581
363241.42	3766716.48	0.31875	363261.42	3766716.48	0.35827
363301.42	3766716.48	0.48134	363321.42	3766716.48	0.55168
363341.42	3766716.48	0.63785	363361.42	3766716.48	0.74546
363381.42	3766716.48	0.88157	363401.42	3766716.48	1.05646
363421.42	3766716.48	1.28450	363881.42	3766716.48	0.65354
363901.42	3766716.48	0.52918	363921.42	3766716.48	0.43561
363941.42	3766716.48	0.36362	363961.42	3766716.48	0.30720
363981.42	3766716.48	0.26230	364021.42	3766716.48	0.19660
364041.42	3766716.48	0.17204	363221.42	3766736.48	0.26709
363241.42	3766736.48	0.29856	363281.42	3766736.48	0.38400
363301.42	3766736.48	0.43812	363321.42	3766736.48	0.52239
363341.42	3766736.48	0.60419	363361.42	3766736.48	0.70606
363381.42	3766736.48	0.83545	363401.42	3766736.48	1.00290
363441.42	3766736.48	1.51039	363461.42	3766736.48	1.90965
363881.42	3766736.48	0.92144	363901.42	3766736.48	0.73459

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	** CONC OF OTHER IN MICROGRAMS/M**3	X-COORD (M)	Y-COORD (M)	CONC
363921.42	3766736.48	0.59587		363941.42	3766736.48	0.49055
363961.42	3766736.48	0.40908		364001.42	3766736.48	0.29390
364021.42	3766736.48	0.25285		364041.42	3766736.48	0.21908
364061.42	3766736.48	0.19122		363301.42	3766756.48	0.40833
363321.42	3766756.48	0.46927		363341.42	3766756.48	0.54330
363361.42	3766756.48	0.65876		363381.42	3766756.48	0.78115
363421.42	3766756.48	1.13532		363441.42	3766756.48	1.40421
363461.42	3766756.48	1.79083		363481.42	3766756.48	2.36169
363701.42	3766756.48	30.66062	Offsite Res Receptor	363721.42	3766756.48	20.22791
363901.42	3766756.48	0.97773		363921.42	3766756.48	0.78733
363941.42	3766756.48	0.64328		363981.42	3766756.48	0.44533
364001.42	3766756.48	0.37615		364021.42	3766756.48	0.32099
364041.42	3766756.48	0.27620		364061.42	3766756.48	0.23936
364081.42	3766756.48	0.20885		363321.42	3766776.48	0.43292
363341.42	3766776.48	0.50032		363361.42	3766776.48	0.58433
363401.42	3766776.48	0.85695		363421.42	3766776.48	1.03831
363441.42	3766776.48	1.28378		363461.42	3766776.48	1.63639
363481.42	3766776.48	2.15473		363501.42	3766776.48	2.95184
363681.42	3766776.48	33.88070		363701.42	3766776.48	24.85472
363721.42	3766776.48	18.00634		363741.42	3766776.48	12.77202
363921.42	3766776.48	0.99768		363961.42	3766776.48	0.67152
363981.42	3766776.48	0.55985		364001.42	3766776.48	0.47122
364021.42	3766776.48	0.40021		364041.42	3766776.48	0.34264
364061.42	3766776.48	0.29550		364081.42	3766776.48	0.25660
363341.42	3766796.48	0.45731		363381.42	3766796.48	0.62445
363401.42	3766796.48	0.77167		363421.42	3766796.48	0.93140
363441.42	3766796.48	1.14635		363461.42	3766796.48	1.44802
363481.42	3766796.48	1.88190		363521.42	3766796.48	3.77270
363661.42	3766796.48	35.18337	Onsite Res MER	363681.42	3766796.48	26.21287
363701.42	3766796.48	20.04916		363721.42	3766796.48	15.45257
363741.42	3766796.48	11.80268		363761.42	3766796.48	8.92133
363941.42	3766796.48	0.99046		363961.42	3766796.48	0.81874
363981.42	3766796.48	0.68311		364001.42	3766796.48	0.57500
364021.42	3766796.48	0.48737		364041.42	3766796.48	0.41641
364061.42	3766796.48	0.35834		363361.42	3766816.48	0.47781
363381.42	3766816.48	0.55956		363401.42	3766816.48	0.66144
363421.42	3766816.48	0.81879		363441.42	3766816.48	0.99379
363461.42	3766816.48	1.23665		363501.42	3766816.48	2.09898
363521.42	3766816.48	2.94814		363541.42	3766816.48	4.53441
363561.42	3766816.48	7.77024		363641.42	3766816.48	32.60982

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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
363661.42	3766816.48	25.48215	363681.42	3766816.48	20.08931
363701.42	3766816.48	16.14065	363721.42	3766816.48	13.05110
363741.42	3766816.48	10.50352	363921.42	3766816.48	1.40669
363941.42	3766816.48	1.15984	363961.42	3766816.48	0.96414
363981.42	3766816.48	0.80787	364001.42	3766816.48	0.68208
364021.42	3766816.48	0.57857	364041.42	3766816.48	0.49466
363201.42	3766836.48	0.17468	363341.42	3766836.48	0.37534
363361.42	3766836.48	0.42806	363381.42	3766836.48	0.49602
363401.42	3766836.48	0.58101	363421.42	3766836.48	0.68774
363441.42	3766836.48	0.82420	363481.42	3766836.48	1.28623
363501.42	3766836.48	1.64674	363521.42	3766836.48	2.18835
363541.42	3766836.48	3.05092	363561.42	3766836.48	4.50275
363581.42	3766836.48	7.59699	363621.42	3766836.48	21.79025
363641.42	3766836.48	20.55026	363661.42	3766836.48	17.79327
363681.42	3766836.48	15.09975	363701.42	3766836.48	12.80461
363721.42	3766836.48	10.83719	363941.42	3766836.48	1.30951
363961.42	3766836.48	1.09767	363981.42	3766836.48	0.92562
364001.42	3766836.48	0.78508	364021.42	3766836.48	0.66927
363181.42	3766856.48	0.14976	363201.42	3766856.48	0.16329
363221.42	3766856.48	0.17894	363341.42	3766856.48	0.33864
363361.42	3766856.48	0.38327	363381.42	3766856.48	0.43705
363401.42	3766856.48	0.50666	363421.42	3766856.48	0.59332
363461.42	3766856.48	0.83335	363481.42	3766856.48	1.02995
363501.42	3766856.48	1.27491	363521.42	3766856.48	1.61334
363541.42	3766856.48	2.08201	363561.42	3766856.48	2.80521
363641.42	3766856.48	12.00403	363661.42	3766856.48	11.89071
363681.42	3766856.48	11.02404	363701.42	3766856.48	9.93020
363741.42	3766856.48	7.71172	363881.42	3766856.48	2.40252
363901.42	3766856.48	2.01531	363941.42	3766856.48	1.42948
363961.42	3766856.48	1.21069	363981.42	3766856.48	1.02967
364001.42	3766856.48	0.87950	363161.42	3766876.48	0.12985
363181.42	3766876.48	0.14042	363201.42	3766876.48	0.15279
363221.42	3766876.48	0.16657	363241.42	3766876.48	0.18217
363361.42	3766876.48	0.34236	363381.42	3766876.48	0.38625
363401.42	3766876.48	0.44164	363441.42	3766876.48	0.58939
363461.42	3766876.48	0.68755	363481.42	3766876.48	0.81599
363501.42	3766876.48	0.98972	363521.42	3766876.48	1.19906
363541.42	3766876.48	1.48275	363542.10	3766801.85	5.90294
363601.42	3766876.48	3.81012	363620.33	3766880.60	4.92178
363661.42	3766876.48	7.80756	363681.42	3766876.48	7.87102

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	** CONC OF OTHER IN MICROGRAMS/M**3 CONC	X-COORD (M)	Y-COORD (M)	** CONC
363721.42	3766876.48	7.00793	363741.42	3766876.48	6.38733
363761.42	3766876.48	5.72695	363801.42	3766876.48	4.43592
363881.42	3766876.48	2.42648	363901.42	3766876.48	2.07227
363921.42	3766876.48	1.76992	363961.42	3766876.48	1.29759
363981.42	3766876.48	1.11500	363141.42	3766896.48	0.11343
363161.42	3766896.48	0.12180	363181.42	3766896.48	0.13138
363201.42	3766896.48	0.14234	363221.42	3766896.48	0.15461
363241.42	3766896.48	0.16826	363381.42	3766896.48	0.34041
363461.42	3766896.48	0.56863	363481.42	3766896.48	0.65895
363501.42	3766896.48	0.76981	363521.42	3766896.48	0.91841
363581.42	3766896.48	1.77083	363601.42	3766896.48	2.43607
363623.37	3766901.69	3.12423	363641.42	3766896.48	4.41723
363701.42	3766896.48	5.63802	363721.42	3766896.48	5.48666
363761.42	3766896.48	4.82300	363781.42	3766896.48	4.40277
363801.42	3766896.48	3.96529	363821.42	3766896.48	3.52831
363861.42	3766896.48	2.73142	363881.42	3766896.48	2.38352
363901.42	3766896.48	2.07198	363141.42	3766916.48	0.10651
363161.42	3766916.48	0.11401	363181.42	3766916.48	0.12260
363201.42	3766916.48	0.13189	363221.42	3766916.48	0.14297
363261.42	3766916.48	0.16772	363281.42	3766916.48	0.18323
363481.42	3766916.48	0.53653	363501.42	3766916.48	0.61560
363594.01	3766905.63	1.82108	363621.42	3766916.48	2.25861
363641.42	3766916.48	2.89791	363649.26	3766910.18	3.56849
363721.42	3766916.48	4.25201	363741.42	3766916.48	4.17256
363761.42	3766916.48	3.99929	363781.42	3766916.48	3.75790
363801.42	3766916.48	3.47564	363841.42	3766916.48	2.86518
363861.42	3766916.48	2.56736	363881.42	3766916.48	2.28464
363901.42	3766916.48	2.02217	363921.42	3766916.48	1.78519
363141.42	3766936.48	0.09995	363161.42	3766936.48	0.10666
363181.42	3766936.48	0.11417	363201.42	3766936.48	0.12268
363241.42	3766936.48	0.14238	363261.42	3766936.48	0.15345
363281.42	3766936.48	0.16684	363301.42	3766936.48	0.18154
363321.42	3766936.48	0.19810	363601.42	3766936.48	1.26392
363621.42	3766936.48	1.59228	363641.42	3766936.48	2.01443
363681.42	3766936.48	2.83920	363741.42	3766936.48	3.31853
363761.42	3766936.48	3.28055	363781.42	3766936.48	3.16520
363821.42	3766936.48	2.80336	363841.42	3766936.48	2.58790
363861.42	3766936.48	2.36567	363881.42	3766936.48	2.14548
363901.42	3766936.48	1.93465	363921.42	3766936.48	1.73521
363141.42	3766956.48	0.09360	363161.42	3766956.48	0.09957

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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
363181.42	3766956.48	0.10615	363221.42	3766956.48	0.12187
363241.42	3766956.48	0.13060	363261.42	3766956.48	0.14040
363281.42	3766956.48	0.15183	363301.42	3766956.48	0.16429
363321.42	3766956.48	0.17809	363574.47	3766955.39	0.72889
363601.42	3766956.48	0.95298	363582.34	3766938.24	0.98431
363661.42	3766956.48	1.77480	363681.42	3766956.48	2.08109
363701.42	3766956.48	2.34123	363761.42	3766956.48	2.67316
363801.42	3766956.48	2.56171	363821.42	3766956.48	2.44568
363841.42	3766956.48	2.30403	363861.42	3766956.48	2.14684
363881.42	3766956.48	1.98262	363901.42	3766956.48	1.81730
363161.42	3766976.48	0.09267	363201.42	3766976.48	0.10508
363221.42	3766976.48	0.11209	363241.42	3766976.48	0.11989
363261.42	3766976.48	0.12869	363281.42	3766976.48	0.13826
363301.42	3766976.48	0.14878	363341.42	3766976.48	0.17329
363361.42	3766976.48	0.18727	363561.42	3766976.48	0.51526
363581.42	3766976.48	0.60778	363589.05	3766966.93	0.73324
363641.42	3766976.48	1.09612	363661.42	3766976.48	1.32365
363681.42	3766976.48	1.56059	363701.42	3766976.48	1.77922
363721.42	3766976.48	1.95466	363781.42	3766976.48	2.18908
363801.42	3766976.48	2.16312	363821.42	3766976.48	2.11187
363841.42	3766976.48	2.02733	363861.42	3766976.48	1.92262
363881.42	3766976.48	1.80536	363181.42	3766996.48	0.09142
363201.42	3766996.48	0.09712	363221.42	3766996.48	0.10336
363241.42	3766996.48	0.11019	363261.42	3766996.48	0.11765
363281.42	3766996.48	0.12586	363301.42	3766996.48	0.13477
363321.42	3766996.48	0.14439	363341.42	3766996.48	0.15486
363361.42	3766996.48	0.16651	363381.42	3766996.48	0.17924
363574.26	3766988.66	0.50568	363621.42	3766996.48	0.70588
363641.42	3766996.48	0.85053	363661.42	3766996.48	1.01853
363681.42	3766996.48	1.19563	363701.42	3766996.48	1.36961
363721.42	3766996.48	1.53389	363801.42	3766996.48	1.81805
363821.42	3766996.48	1.80984	363841.42	3766996.48	1.76687
363861.42	3766996.48	1.70231	363181.42	3767016.48	0.08471
363201.42	3767016.48	0.08984	363221.42	3767016.48	0.09540
363241.42	3767016.48	0.10135	363261.42	3767016.48	0.10769
363281.42	3767016.48	0.11471	363321.42	3767016.48	0.13031
363341.42	3767016.48	0.13898	363361.42	3767016.48	0.14872
363381.42	3767016.48	0.15918	363401.42	3767016.48	0.17091
363601.42	3767016.48	0.47905	363621.42	3767016.48	0.56907
363641.42	3767016.48	0.67740	363661.42	3767016.48	0.80281

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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
363681.42	3767016.48	0.93794		363701.42	3767016.48	1.07572
363741.42	3767016.48	1.32267		363761.42	3767016.48	1.41689
363821.42	3767016.48	1.53978		363841.42	3767016.48	1.52615
363201.42	3767036.48	0.08327		363221.42	3767036.48	0.08809
363241.42	3767036.48	0.09325		363261.42	3767036.48	0.09893
363301.42	3767036.48	0.11115		363321.42	3767036.48	0.11805
363341.42	3767036.48	0.12547		363361.42	3767036.48	0.13346
363381.42	3767036.48	0.14284		363601.42	3767036.48	0.39606
363621.42	3767036.48	0.46939		363641.42	3767036.48	0.55046
363661.42	3767036.48	0.64585		363681.42	3767036.48	0.75093
363721.42	3767036.48	0.96548		363741.42	3767036.48	1.06434
363761.42	3767036.48	1.14898		363781.42	3767036.48	1.21967
363221.42	3767056.48	0.08152		363241.42	3767056.48	0.08607
363281.42	3767056.48	0.09598		363301.42	3767056.48	0.10148
363321.42	3767056.48	0.10734		363341.42	3767056.48	0.11358
363361.42	3767056.48	0.12028		363641.42	3767056.48	0.45324
363661.42	3767056.48	0.52651		363701.42	3767056.48	0.69326
363721.42	3767056.48	0.78091		363741.42	3767056.48	0.86446
363761.42	3767056.48	0.94039		363261.42	3767076.48	0.08370
363281.42	3767076.48	0.08816		363301.42	3767076.48	0.09291
363321.42	3767076.48	0.09790		363341.42	3767076.48	0.10316
363681.42	3767076.48	0.49941		363701.42	3767076.48	0.56674
363721.42	3767076.48	0.63984		363741.42	3767076.48	0.71009
363486.88	3766687.33	2.97203		363539.08	3766668.74	9.50918
363586.21	3766653.86	5.22048		363594.34	3766644.37	3.89065
363611.96	3766627.43	2.85301		363623.03	3766637.82	3.49009
363638.39	3766651.82	5.03688		363651.72	3766665.60	7.70596
363665.95	3766678.48	11.37879		363625.29	3766666.51	7.74488
363608.12	3766683.45	12.93939		363624.16	3766701.07	15.75764
363639.29	3766715.07	22.26717		363623.71	3766727.05	22.33746
363702.70	3766703.29	17.87164		363576.93	3766687.11	21.41038
363588.44	3766697.44	17.71052		363603.20	3766711.02	16.36458
363562.76	3766700.69	19.75713		363577.82	3766710.43	16.34050
363591.69	3766724.30	16.17122		363545.34	3766718.99	7.99758
363561.58	3766731.98	10.17342		363574.28	3766744.96	12.89236
363528.52	3766740.83	5.11441		363555.97	3766764.15	9.53756
363571.03	3766780.68	16.74230		363582.83	3766763.26	18.09842
363589.33	3766769.17	22.42067	Onsite Student MER	363604.97	3766731.98	20.37418
363544.46	3766753.23	7.04596				

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363781.42	3766476.48	0.63356	363801.42	3766476.48	0.56313
363761.42	3766496.48	0.85659	363781.42	3766496.48	0.74837
363801.42	3766496.48	0.65875	363741.42	3766516.48	1.20790
363761.42	3766516.48	1.03246	363781.42	3766516.48	0.89156
363841.42	3766516.48	0.60168	363261.42	3766536.48	0.28730
363721.42	3766536.48	1.79962	363741.42	3766536.48	1.49185
363761.42	3766536.48	1.25660	363781.42	3766536.48	1.07175
363821.42	3766536.48	0.80207	363841.42	3766536.48	0.70140
363241.42	3766556.48	0.24691	363261.42	3766556.48	0.27570
363281.42	3766556.48	0.30986	363701.42	3766556.48	2.91560
363721.42	3766556.48	2.30254	363741.42	3766556.48	1.86824
363761.42	3766556.48	1.54689	363801.42	3766556.48	1.10672
363821.42	3766556.48	0.95067	363221.42	3766576.48	0.21087
363241.42	3766576.48	0.23544	363261.42	3766576.48	0.26502
363496.24	3766680.55	0.84013	363496.29	3766713.80	0.75962
363721.42	3766576.48	3.01899	363741.42	3766576.48	2.38246
363781.42	3766576.48	1.59692	363801.42	3766576.48	1.33923
363201.42	3766596.48	0.18557	363221.42	3766596.48	0.20314
363241.42	3766596.48	0.22538	363281.42	3766596.48	0.27994
363301.42	3766596.48	0.31474	363321.42	3766596.48	0.35345
363575.20	3766590.38	4.37617	363592.94	3766607.09	4.48623
363763.73	3766588.02	2.16176	363781.42	3766596.48	1.99002
363181.42	3766616.48	0.16606	363201.42	3766616.48	0.18045
363221.42	3766616.48	0.19638	363261.42	3766616.48	0.23745
363281.42	3766616.48	0.26348	363301.42	3766616.48	0.29556
363321.42	3766616.48	0.33458	363341.42	3766616.48	0.37556
363544.61	3766623.39	1.83961	363561.42	3766616.48	2.42746
363510.36	3766688.48	0.91643	363901.42	3766616.48	0.85793
363921.42	3766616.48	0.74203	363161.42	3766636.48	0.14869
363181.42	3766636.48	0.16103	363201.42	3766636.48	0.17484
363241.42	3766636.48	0.20721	363261.42	3766636.48	0.22674
363281.42	3766636.48	0.24986	363301.42	3766636.48	0.27729
363321.42	3766636.48	0.31271	363341.42	3766636.48	0.35465
363526.20	3766643.12	1.30280	363541.42	3766636.48	1.58955
363561.42	3766636.48	1.97946	363881.42	3766636.48	1.18118
363901.42	3766636.48	1.00376	363141.42	3766656.48	0.13344
363161.42	3766656.48	0.14400	363181.42	3766656.48	0.15558
363221.42	3766656.48	0.18337	363241.42	3766656.48	0.19985
363261.42	3766656.48	0.21841	363281.42	3766656.48	0.23896

363301.42	3766656.48	0.26460	363321.42	3766656.48	0.29614

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363361.42	3766656.48	0.36921	363381.42	3766656.48	0.41997
363579.25	3766623.97	2.82226	363521.42	3766656.48	1.15257
363541.42	3766656.48	1.38951	363861.42	3766656.48	1.70053
363881.42	3766656.48	1.40987	363941.42	3766656.48	0.85896
363161.42	3766676.48	0.13893	363201.42	3766676.48	0.16231
363221.42	3766676.48	0.17603	363241.42	3766676.48	0.19162
363261.42	3766676.48	0.20916	363281.42	3766676.48	0.22927
363301.42	3766676.48	0.25231	363341.42	3766676.48	0.30853
363361.42	3766676.48	0.34251	363381.42	3766676.48	0.38787
363401.42	3766676.48	0.44266	363521.88	3766687.37	1.01290
363519.69	3766667.84	1.07295	363841.42	3766676.48	2.62347
363861.42	3766676.48	2.09401	363921.42	3766676.48	1.18434
363941.42	3766676.48	1.00223	363961.42	3766676.48	0.85518
363981.42	3766676.48	0.73469	364001.42	3766676.48	0.63498
363181.42	3766696.48	0.14416	363201.42	3766696.48	0.15618
363221.42	3766696.48	0.16927	363241.42	3766696.48	0.18360
363261.42	3766696.48	0.19957	363281.42	3766696.48	0.21851
363321.42	3766696.48	0.26416	363341.42	3766696.48	0.29154
363361.42	3766696.48	0.32399	363381.42	3766696.48	0.36395
363401.42	3766696.48	0.41107	363421.42	3766696.48	0.46944
363481.42	3766696.48	0.71044	363503.53	3766703.58	0.82739
363901.42	3766696.48	1.71294	363921.42	3766696.48	1.41516
363941.42	3766696.48	1.18217	363961.42	3766696.48	0.99712
363981.42	3766696.48	0.84789	364001.42	3766696.48	0.72599
363201.42	3766716.48	0.14973	363221.42	3766716.48	0.16190
363241.42	3766716.48	0.17530	363261.42	3766716.48	0.19066
363301.42	3766716.48	0.22844	363321.42	3766716.48	0.25115
363341.42	3766716.48	0.27714	363361.42	3766716.48	0.30713
363381.42	3766716.48	0.34257	363401.42	3766716.48	0.38553
363421.42	3766716.48	0.43758	363881.42	3766716.48	2.67782
363901.42	3766716.48	2.12325	363921.42	3766716.48	1.71831
363941.42	3766716.48	1.41233	363961.42	3766716.48	1.17475
363981.42	3766716.48	0.98651	364021.42	3766716.48	0.71402
364041.42	3766716.48	0.61443	363221.42	3766736.48	0.15399
363241.42	3766736.48	0.16687	363281.42	3766736.48	0.19827
363301.42	3766736.48	0.21701	363321.42	3766736.48	0.23809
363341.42	3766736.48	0.26253	363361.42	3766736.48	0.29092
363381.42	3766736.48	0.32437	363401.42	3766736.48	0.36395
363441.42	3766736.48	0.46848	363461.42	3766736.48	0.54076
363881.42	3766736.48	3.51406	363901.42	3766736.48	2.69672

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363921.42	3766736.48	2.12749		363941.42	3766736.48	1.71312
363961.42	3766736.48	1.40035		364001.42	3766736.48	0.96767
364021.42	3766736.48	0.81865		364041.42	3766736.48	0.69732
364061.42	3766736.48	0.59890		363301.42	3766756.48	0.20565
363321.42	3766756.48	0.22560		363341.42	3766756.48	0.24840
363361.42	3766756.48	0.27443		363381.42	3766756.48	0.30712
363421.42	3766756.48	0.38743		363441.42	3766756.48	0.44021
363461.42	3766756.48	0.51309		363481.42	3766756.48	0.61470
363701.42	3766756.48	12.51621	Offsite Res Receptor	363721.42	3766756.48	9.51356
363901.42	3766756.48	3.53051		363921.42	3766756.48	2.69731
363941.42	3766756.48	2.11529		363981.42	3766756.48	1.37425
364001.42	3766756.48	1.12388		364021.42	3766756.48	0.93886
364041.42	3766756.48	0.79329		364061.42	3766756.48	0.67564
364081.42	3766756.48	0.58081		363321.42	3766776.48	0.21319
363341.42	3766776.48	0.23464		363361.42	3766776.48	0.25950
363401.42	3766776.48	0.32440		363421.42	3766776.48	0.36588
363441.42	3766776.48	0.41684		363461.42	3766776.48	0.48535
363481.42	3766776.48	0.57609		363501.42	3766776.48	0.69049
363681.42	3766776.48	12.07400		363701.42	3766776.48	8.73172
363721.42	3766776.48	7.10915		363741.42	3766776.48	6.39714
363921.42	3766776.48	3.52625		363961.42	3766776.48	2.07817
363981.42	3766776.48	1.64874		364001.42	3766776.48	1.32821
364021.42	3766776.48	1.08878		364041.42	3766776.48	0.90615
364061.42	3766776.48	0.76408		364081.42	3766776.48	0.65261
363341.42	3766796.48	0.22112		363381.42	3766796.48	0.27170
363401.42	3766796.48	0.30443		363421.42	3766796.48	0.34428
363441.42	3766796.48	0.39322		363461.42	3766796.48	0.45626
363481.42	3766796.48	0.53520		363521.42	3766796.48	0.80437
363661.42	3766796.48	11.77669	Onsite Res MER	363681.42	3766796.48	8.25374
363701.42	3766796.48	6.48274		363721.42	3766796.48	5.52073
363741.42	3766796.48	5.06609		363761.42	3766796.48	5.03548
363941.42	3766796.48	3.48008		363961.42	3766796.48	2.60706
363981.42	3766796.48	2.00696		364001.42	3766796.48	1.58198
364021.42	3766796.48	1.26838		364041.42	3766796.48	1.03936
364061.42	3766796.48	0.86794		363361.42	3766816.48	0.22869
363381.42	3766816.48	0.25490		363401.42	3766816.48	0.28533
363421.42	3766816.48	0.32140		363441.42	3766816.48	0.36553
363461.42	3766816.48	0.42280		363501.42	3766816.48	0.59518
363521.42	3766816.48	0.73848		363541.42	3766816.48	0.97083

363561.42	3766816.48	1.36872	363641.42	3766816.48	7.81073

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363661.42	3766816.48	7.80579	363681.42	3766816.48	6.01767
363701.42	3766816.48	4.98971	363721.42	3766816.48	4.40279
363741.42	3766816.48	4.11199	363921.42	3766816.48	7.10423
363941.42	3766816.48	4.75908	363961.42	3766816.48	3.37166
363981.42	3766816.48	2.48569	364001.42	3766816.48	1.89442
364021.42	3766816.48	1.48539	364041.42	3766816.48	1.19689
363201.42	3766836.48	0.11097	363341.42	3766836.48	0.19483
363361.42	3766836.48	0.21358	363381.42	3766836.48	0.23719
363401.42	3766836.48	0.26543	363421.42	3766836.48	0.29875
363441.42	3766836.48	0.33876	363481.42	3766836.48	0.45463
363501.42	3766836.48	0.54258	363521.42	3766836.48	0.67045
363541.42	3766836.48	0.86740	363561.42	3766836.48	1.20460
363581.42	3766836.48	1.93870	363621.42	3766836.48	4.36593
363641.42	3766836.48	6.66612	363661.42	3766836.48	5.34914
363681.42	3766836.48	4.46577	363701.42	3766836.48	3.89901
363721.42	3766836.48	3.55293	363941.42	3766836.48	7.03175
363961.42	3766836.48	4.56981	363981.42	3766836.48	3.15630
364001.42	3766836.48	2.29839	364021.42	3766836.48	1.75066
363181.42	3766856.48	0.09831	363201.42	3766856.48	0.10522
363221.42	3766856.48	0.11305	363341.42	3766856.48	0.18261
363361.42	3766856.48	0.19972	363381.42	3766856.48	0.21957
363401.42	3766856.48	0.24505	363421.42	3766856.48	0.27620
363461.42	3766856.48	0.35497	363481.42	3766856.48	0.41111
363501.42	3766856.48	0.48814	363521.42	3766856.48	0.59443
363541.42	3766856.48	0.74270	363561.42	3766856.48	0.97665
363641.42	3766856.48	3.63565	363661.42	3766856.48	3.52852
363681.42	3766856.48	3.26512	363701.42	3766856.48	3.02935
363741.42	3766856.48	2.76470	363881.42	3766856.48	7.85671
363901.42	3766856.48	11.02803	363941.42	3766856.48	11.80052
363961.42	3766856.48	6.66922	363981.42	3766856.48	4.14385
364001.42	3766856.48	2.82149	363161.42	3766876.48	0.08779
363181.42	3766876.48	0.09345	363201.42	3766876.48	0.10007
363221.42	3766876.48	0.10719	363241.42	3766876.48	0.11501
363361.42	3766876.48	0.18676	363381.42	3766876.48	0.20437
363401.42	3766876.48	0.22669	363441.42	3766876.48	0.28452
363461.42	3766876.48	0.32169	363481.42	3766876.48	0.37058
363501.42	3766876.48	0.43247	363521.42	3766876.48	0.51178
363541.42	3766876.48	0.61920	363542.10	3766801.85	1.03382
363601.42	3766876.48	1.25720	363620.33	3766880.60	1.49090
363661.42	3766876.48	2.30173	363681.42	3766876.48	2.34913

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363721.42	3766876.48	2.28280	363741.42	3766876.48	2.26217
363761.42	3766876.48	2.27684	363801.42	3766876.48	2.50475
363881.42	3766876.48	5.05598	363901.42	3766876.48	7.33807
363921.42	3766876.48	12.41727	363961.42	3766876.48	10.91007
363981.42	3766876.48	5.59897	363141.42	3766896.48	0.07873
363161.42	3766896.48	0.08342	363181.42	3766896.48	0.08877
363201.42	3766896.48	0.09485	363221.42	3766896.48	0.10148
363241.42	3766896.48	0.10862	363381.42	3766896.48	0.18997
363461.42	3766896.48	0.28980	363481.42	3766896.48	0.33033
363501.42	3766896.48	0.37906	363521.42	3766896.48	0.44056
363581.42	3766896.48	0.73478	363601.42	3766896.48	0.89093
363623.37	3766901.69	1.03300	363641.42	3766896.48	1.35333
363701.42	3766896.48	1.77240	363721.42	3766896.48	1.81043
363761.42	3766896.48	1.88223	363781.42	3766896.48	1.95232
363801.42	3766896.48	2.06365	363821.42	3766896.48	2.22517
363861.42	3766896.48	2.89274	363881.42	3766896.48	3.53243
363901.42	3766896.48	4.59632	363141.42	3766916.48	0.07491
363161.42	3766916.48	0.07926	363181.42	3766916.48	0.08427
363201.42	3766916.48	0.08948	363221.42	3766916.48	0.09587
363261.42	3766916.48	0.10909	363281.42	3766916.48	0.11742
363481.42	3766916.48	0.29236	363501.42	3766916.48	0.33196
363594.01	3766905.63	0.73125	363621.42	3766916.48	0.81356
363641.42	3766916.48	0.96648	363649.26	3766910.18	1.13734
363721.42	3766916.48	1.43566	363741.42	3766916.48	1.49276
363761.42	3766916.48	1.55283	363781.42	3766916.48	1.62182
363801.42	3766916.48	1.70844	363841.42	3766916.48	1.99372
363861.42	3766916.48	2.24061	363881.42	3766916.48	2.59551
363901.42	3766916.48	3.11190	363921.42	3766916.48	3.90617
363141.42	3766936.48	0.07148	363161.42	3766936.48	0.07553
363181.42	3766936.48	0.08003	363201.42	3766936.48	0.08516
363241.42	3766936.48	0.09663	363261.42	3766936.48	0.10273
363281.42	3766936.48	0.11040	363301.42	3766936.48	0.11859
363321.42	3766936.48	0.12772	363601.42	3766936.48	0.56186
363621.42	3766936.48	0.63412	363641.42	3766936.48	0.73756
363681.42	3766936.48	0.96533	363741.42	3766936.48	1.21279
363761.42	3766936.48	1.27870	363781.42	3766936.48	1.34635
363821.42	3766936.48	1.50572	363841.42	3766936.48	1.61952
363861.42	3766936.48	1.77169	363881.42	3766936.48	1.97261
363901.42	3766936.48	2.23126	363921.42	3766936.48	2.58857
363141.42	3766956.48	0.06823	363161.42	3766956.48	0.07197

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363181.42	3766956.48	0.07607	363221.42	3766956.48	0.08588
363241.42	3766956.48	0.09110	363261.42	3766956.48	0.09693
363281.42	3766956.48	0.10387	363301.42	3766956.48	0.11129
363321.42	3766956.48	0.11943	363574.47	3766955.39	0.38948
363601.42	3766956.48	0.45792	363582.34	3766938.24	0.48442
363661.42	3766956.48	0.67141	363681.42	3766956.48	0.76063
363701.42	3766956.48	0.84603	363761.42	3766956.48	1.05694
363801.42	3766956.48	1.17981	363821.42	3766956.48	1.25133
363841.42	3766956.48	1.33357	363861.42	3766956.48	1.43274
363881.42	3766956.48	1.55369	363901.42	3766956.48	1.70020
363161.42	3766976.48	0.06848	363201.42	3766976.48	0.07659
363221.42	3766976.48	0.08108	363241.42	3766976.48	0.08607
363261.42	3766976.48	0.09175	363281.42	3766976.48	0.09785
363301.42	3766976.48	0.10451	363341.42	3766976.48	0.12008
363361.42	3766976.48	0.12891	363561.42	3766976.48	0.30520
363581.42	3766976.48	0.33710	363589.05	3766966.93	0.38358
363641.42	3766976.48	0.47506	363661.42	3766976.48	0.54193
363681.42	3766976.48	0.61380	363701.42	3766976.48	0.68517
363721.42	3766976.48	0.75127	363781.42	3766976.48	0.93194
363801.42	3766976.48	0.98400	363821.42	3766976.48	1.04601
363841.42	3766976.48	1.10896	363861.42	3766976.48	1.17765
363881.42	3766976.48	1.25630	363181.42	3766996.48	0.06877
363201.42	3766996.48	0.07263	363221.42	3766996.48	0.07686
363241.42	3766996.48	0.08148	363261.42	3766996.48	0.08650
363281.42	3766996.48	0.09204	363301.42	3766996.48	0.09805
363321.42	3766996.48	0.10450	363341.42	3766996.48	0.11152
363361.42	3766996.48	0.11948	363381.42	3766996.48	0.12821
363574.26	3766988.66	0.29713	363621.42	3766996.48	0.35443
363641.42	3766996.48	0.39667	363661.42	3766996.48	0.44774
363681.42	3766996.48	0.50381	363701.42	3766996.48	0.56176
363721.42	3766996.48	0.62216	363801.42	3766996.48	0.82658
363821.42	3766996.48	0.87986	363841.42	3766996.48	0.92952
363861.42	3766996.48	0.97982	363181.42	3767016.48	0.06527
363201.42	3767016.48	0.06894	363221.42	3767016.48	0.07290
363241.42	3767016.48	0.07711	363261.42	3767016.48	0.08155
363281.42	3767016.48	0.08655	363321.42	3767016.48	0.09764
363341.42	3767016.48	0.10380	363361.42	3767016.48	0.11095
363381.42	3767016.48	0.11861	363401.42	3767016.48	0.12734
363601.42	3767016.48	0.27450	363621.42	3767016.48	0.30467
363641.42	3767016.48	0.33770	363661.42	3767016.48	0.37648

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363681.42	3767016.48	0.41967		363701.42	3767016.48	0.46792
363741.42	3767016.48	0.56344		363761.42	3767016.48	0.61024
363821.42	3767016.48	0.74229		363841.42	3767016.48	0.78255
363201.42	3767036.48	0.06551		363221.42	3767036.48	0.06906
363241.42	3767036.48	0.07285		363261.42	3767036.48	0.07713
363301.42	3767036.48	0.08618		363321.42	3767036.48	0.09142
363341.42	3767036.48	0.09711		363361.42	3767036.48	0.10329
363381.42	3767036.48	0.11098		363601.42	3767036.48	0.23647
363621.42	3767036.48	0.26565		363641.42	3767036.48	0.29176
363661.42	3767036.48	0.32224		363681.42	3767036.48	0.35616
363721.42	3767036.48	0.43233		363741.42	3767036.48	0.47246
363761.42	3767036.48	0.51061		363781.42	3767036.48	0.55119
363221.42	3767056.48	0.06549		363241.42	3767056.48	0.06900
363281.42	3767056.48	0.07668		363301.42	3767056.48	0.08105
363321.42	3767056.48	0.08578		363341.42	3767056.48	0.09084
363361.42	3767056.48	0.09633		363641.42	3767056.48	0.25236
363661.42	3767056.48	0.27718		363701.42	3767056.48	0.33252
363721.42	3767056.48	0.36389		363741.42	3767056.48	0.39583
363761.42	3767056.48	0.42933		363261.42	3767076.48	0.06862
363281.42	3767076.48	0.07230		363301.42	3767076.48	0.07631
363321.42	3767076.48	0.08058		363341.42	3767076.48	0.08511
363681.42	3767076.48	0.26173		363701.42	3767076.48	0.28414
363721.42	3767076.48	0.31103		363741.42	3767076.48	0.33791
363486.88	3766687.33	0.76254		363539.08	3766668.74	1.27319
363586.21	3766653.86	2.27282		363594.34	3766644.37	2.73860
363611.96	3766627.43	4.42906		363623.03	3766637.82	4.53499
363638.39	3766651.82	4.75755		363651.72	3766665.60	4.90813
363665.95	3766678.48	5.39371		363625.29	3766666.51	3.29730
363608.12	3766683.45	2.39474		363624.16	3766701.07	2.73916
363639.29	3766715.07	3.39044		363623.71	3766727.05	2.85019
363702.70	3766703.29	10.01622		363576.93	3766687.11	1.69071
363588.44	3766697.44	1.84304		363603.20	3766711.02	2.12498
363562.76	3766700.69	1.40904		363577.82	3766710.43	1.60920
363591.69	3766724.30	1.87192		363545.34	3766718.99	1.15009
363561.58	3766731.98	1.33839		363574.28	3766744.96	1.56694
363528.52	3766740.83	0.95074		363555.97	3766764.15	1.27540
363571.03	3766780.68	1.64280		363582.83	3766763.26	1.86632
363589.33	3766769.17	2.14490	Onsite Student MER	363604.97	3766731.98	2.24718
363544.46	3766753.23	1.10878				

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	35.18337 AT	(363661.42,	3766796.48,	49.88,	49.88,	0.00)	DC	
	2ND HIGHEST VALUE IS	33.88070 AT	(363681.42,	3766776.48,	49.01,	49.01,	0.00)	DC	
	3RD HIGHEST VALUE IS	32.60982 AT	(363641.42,	3766816.48,	50.82,	50.82,	0.00)	DC	
	4TH HIGHEST VALUE IS	30.66062 AT	(363701.42,	3766756.48,	48.53,	48.53,	0.00)	DC	
	5TH HIGHEST VALUE IS	26.21287 AT	(363681.42,	3766796.48,	49.41,	49.41,	0.00)	DC	
	6TH HIGHEST VALUE IS	25.48215 AT	(363661.42,	3766816.48,	50.26,	50.26,	0.00)	DC	
	7TH HIGHEST VALUE IS	24.85472 AT	(363701.42,	3766776.48,	48.76,	48.76,	0.00)	DC	
	8TH HIGHEST VALUE IS	22.42067 AT	(363589.33,	3766769.17,	50.73,	50.73,	0.00)	DC	
	9TH HIGHEST VALUE IS	22.33746 AT	(363623.71,	3766727.05,	49.44,	49.44,	0.00)	DC	
	10TH HIGHEST VALUE IS	22.26717 AT	(363639.29,	3766715.07,	49.07,	49.07,	0.00)	DC	
OFFSITE	1ST HIGHEST VALUE IS	12.51621 AT	(363701.42,	3766756.48,	48.53,	48.53,	0.00)	DC	
	2ND HIGHEST VALUE IS	12.41727 AT	(363921.42,	3766876.48,	49.82,	49.82,	0.00)	DC	
	3RD HIGHEST VALUE IS	12.07400 AT	(363681.42,	3766776.48,	49.01,	49.01,	0.00)	DC	
	4TH HIGHEST VALUE IS	11.80052 AT	(363941.42,	3766856.48,	49.67,	49.67,	0.00)	DC	
	5TH HIGHEST VALUE IS	11.77669 AT	(363661.42,	3766796.48,	49.88,	49.88,	0.00)	DC	
	6TH HIGHEST VALUE IS	11.02803 AT	(363901.42,	3766856.48,	49.27,	49.27,	0.00)	DC	
	7TH HIGHEST VALUE IS	10.91007 AT	(363961.42,	3766876.48,	50.20,	50.20,	0.00)	DC	
	8TH HIGHEST VALUE IS	10.01622 AT	(363702.70,	3766703.29,	48.45,	48.45,	0.00)	DC	
	9TH HIGHEST VALUE IS	9.51356 AT	(363721.42,	3766756.48,	48.47,	48.47,	0.00)	DC	
	10TH HIGHEST VALUE IS	8.73172 AT	(363701.42,	3766776.48,	48.76,	48.76,	0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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   1087   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   1087   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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 67 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 Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes: 67 Source(s); 2 Source Group(s); and 555 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 66 VOLUME source(s)
and: 1 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 =      3.7 MB of RAM.

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

**Detailed Error/Message File:   SMM-07.err
**File for Summary of Results:   SMM-07.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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
L0000125	0	0.12571E-01	363614.0	3766828.6	51.5	4.15	5.51	3.26	YES	HRDOW
L0000126	0	0.12571E-01	363622.2	3766820.0	51.3	4.15	5.51	3.26	YES	HRDOW
L0000127	0	0.12571E-01	363630.3	3766811.3	50.9	4.15	5.51	3.26	YES	HRDOW
L0000128	0	0.12571E-01	363638.4	3766802.7	50.5	4.15	5.51	3.26	YES	HRDOW
L0000129	0	0.12571E-01	363646.5	3766794.1	50.0	4.15	5.51	3.26	YES	HRDOW
L0000130	0	0.12571E-01	363654.7	3766785.4	49.7	4.15	5.51	3.26	YES	HRDOW
L0000131	0	0.12571E-01	363662.8	3766776.8	49.4	4.15	5.51	3.26	YES	HRDOW
L0000132	0	0.12571E-01	363670.9	3766768.2	49.0	4.15	5.51	3.26	YES	HRDOW
L0000133	0	0.12571E-01	363679.0	3766759.6	48.7	4.15	5.51	3.26	YES	HRDOW
L0000134	0	0.12571E-01	363687.1	3766750.9	48.6	4.15	5.51	3.26	YES	HRDOW
L0000135	0	0.12571E-01	363695.3	3766742.3	48.5	4.15	5.51	3.26	YES	HRDOW
L0000136	0	0.12571E-01	363703.4	3766733.7	48.4	4.15	5.51	3.26	YES	HRDOW
L0000137	0	0.12571E-01	363711.5	3766725.0	48.2	4.15	5.51	3.26	YES	HRDOW
L0000138	0	0.12571E-01	363719.6	3766716.4	48.2	4.15	5.51	3.26	YES	HRDOW
L0000139	0	0.12571E-01	363727.8	3766707.8	48.2	4.15	5.51	3.26	YES	HRDOW
L0000140	0	0.12571E-01	363735.9	3766699.2	48.0	4.15	5.51	3.26	YES	HRDOW
L0000141	0	0.12571E-01	363744.0	3766690.5	47.8	4.15	5.51	3.26	YES	HRDOW
L0000142	0	0.12571E-01	363752.6	3766698.5	47.8	4.15	5.51	3.26	YES	HRDOW
L0000143	0	0.12571E-01	363761.2	3766706.6	47.9	4.15	5.51	3.26	YES	HRDOW
L0000144	0	0.12571E-01	363769.8	3766714.8	48.0	4.15	5.51	3.26	YES	HRDOW
L0000145	0	0.12571E-01	363778.4	3766722.9	48.1	4.15	5.51	3.26	YES	HRDOW
L0000146	0	0.12571E-01	363787.0	3766731.1	48.2	4.15	5.51	3.26	YES	HRDOW
L0000147	0	0.12571E-01	363795.6	3766739.2	48.2	4.15	5.51	3.26	YES	HRDOW
L0000148	0	0.12571E-01	363804.2	3766747.4	48.3	4.15	5.51	3.26	YES	HRDOW
L0000149	0	0.12571E-01	363812.8	3766755.5	48.4	4.15	5.51	3.26	YES	HRDOW
L0000150	0	0.12571E-01	363821.4	3766763.7	48.4	4.15	5.51	3.26	YES	HRDOW
L0000151	0	0.12571E-01	363830.0	3766771.8	48.4	4.15	5.51	3.26	YES	HRDOW
L0000152	0	0.12571E-01	363838.6	3766780.0	48.5	4.15	5.51	3.26	YES	HRDOW
L0000153	0	0.12571E-01	363847.2	3766788.2	48.6	4.15	5.51	3.26	YES	HRDOW
L0000154	0	0.12571E-01	363855.8	3766796.3	48.6	4.15	5.51	3.26	YES	HRDOW
L0000155	0	0.12571E-01	363864.4	3766804.5	48.6	4.15	5.51	3.26	YES	HRDOW
L0000156	0	0.12571E-01	363873.0	3766812.6	48.7	4.15	5.51	3.26	YES	HRDOW
L0000157	0	0.12571E-01	363881.6	3766820.8	48.7	4.15	5.51	3.26	YES	HRDOW
L0000158	0	0.12571E-01	363890.2	3766828.9	48.8	4.15	5.51	3.26	YES	HRDOW
L0000159	0	0.12571E-01	363898.8	3766837.1	48.9	4.15	5.51	3.26	YES	HRDOW
L0000160	0	0.12571E-01	363907.4	3766845.2	49.1	4.15	5.51	3.26	YES	HRDOW
L0000161	0	0.12571E-01	363916.0	3766853.4	49.4	4.15	5.51	3.26	YES	HRDOW
L0000162	0	0.12571E-01	363924.6	3766861.5	49.6	4.15	5.51	3.26	YES	HRDOW
L0000163	0	0.12571E-01	363933.2	3766869.7	49.8	4.15	5.51	3.26	YES	HRDOW
L0000164	0	0.12571E-01	363941.8	3766877.8	50.1	4.15	5.51	3.26	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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
L0000165	0	0.12571E-01	363950.4	3766886.0	50.3	4.15	5.51	3.26	YES	HRDOW
L0000166	0	0.12571E-01	363959.0	3766894.1	50.5	4.15	5.51	3.26	YES	HRDOW
L0000101	0	0.19667E-01	363413.6	3766373.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000102	0	0.19667E-01	363427.1	3766386.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000103	0	0.19667E-01	363440.6	3766399.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000104	0	0.19667E-01	363454.2	3766412.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000105	0	0.19667E-01	363467.7	3766425.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000106	0	0.19667E-01	363481.2	3766438.7	46.7	4.15	8.72	3.26	YES	HRDOW
L0000107	0	0.19667E-01	363494.7	3766451.6	46.7	4.15	8.72	3.26	YES	HRDOW
L0000108	0	0.19667E-01	363508.2	3766464.6	46.8	4.15	8.72	3.26	YES	HRDOW
L0000109	0	0.19667E-01	363521.7	3766477.6	47.0	4.15	8.72	3.26	YES	HRDOW
L0000110	0	0.19667E-01	363535.2	3766490.6	47.0	4.15	8.72	3.26	YES	HRDOW
L0000111	0	0.19667E-01	363548.8	3766503.6	47.2	4.15	8.72	3.26	YES	HRDOW
L0000112	0	0.19667E-01	363562.3	3766516.6	47.1	4.15	8.72	3.26	YES	HRDOW
L0000113	0	0.19667E-01	363575.8	3766529.6	47.2	4.15	8.72	3.26	YES	HRDOW
L0000114	0	0.19667E-01	363589.3	3766542.6	47.2	4.15	8.72	3.26	YES	HRDOW
L0000115	0	0.19667E-01	363602.8	3766555.6	47.2	4.15	8.72	3.26	YES	HRDOW
L0000116	0	0.19667E-01	363616.3	3766568.6	47.3	4.15	8.72	3.26	YES	HRDOW
L0000117	0	0.19667E-01	363629.8	3766581.6	47.3	4.15	8.72	3.26	YES	HRDOW
L0000118	0	0.19667E-01	363643.4	3766594.6	47.4	4.15	8.72	3.26	YES	HRDOW
L0000119	0	0.19667E-01	363656.9	3766607.6	47.5	4.15	8.72	3.26	YES	HRDOW
L0000120	0	0.19667E-01	363670.4	3766620.6	47.6	4.15	8.72	3.26	YES	HRDOW
L0000121	0	0.19667E-01	363683.9	3766633.6	47.7	4.15	8.72	3.26	YES	HRDOW
L0000122	0	0.19667E-01	363697.4	3766646.6	47.7	4.15	8.72	3.26	YES	HRDOW
L0000123	0	0.19667E-01	363710.9	3766659.6	47.7	4.15	8.72	3.26	YES	HRDOW
L0000124	0	0.19667E-01	363724.5	3766672.6	47.8	4.15	8.72	3.26	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	0.98426E-04	363512.3	3766737.4	51.4	4.15	10	1.93	YES	HRDOW

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
OFFSITE	L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 , L0000123 , L0000124 ,
ONSITE	1 ,

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

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

URBAN ID	URBAN POP	SOURCE IDs
	9830000.	L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
		L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
		L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 ,
		L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 , L0000155 , L0000156 ,
		L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 , L0000164 ,
		L0000165 , L0000166 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 ,
		L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 ,
		L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 ,
		L0000123 , L0000124 , 1 ,

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

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

SOURCE ID = L0000101 TO L0000166 ; SOURCE TYPE = VOLUME :

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

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

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

(363781.4, 3766476.5,	46.6,	46.6,	0.0);	(363801.4, 3766476.5,	46.7,	46.7,	0.0);
(363761.4, 3766496.5,	46.7,	46.7,	0.0);	(363781.4, 3766496.5,	46.4,	46.4,	0.0);
(363801.4, 3766496.5,	46.4,	46.4,	0.0);	(363741.4, 3766516.5,	47.0,	47.0,	0.0);
(363761.4, 3766516.5,	47.0,	47.0,	0.0);	(363781.4, 3766516.5,	46.4,	46.4,	0.0);
(363841.4, 3766516.5,	46.9,	46.9,	0.0);	(363261.4, 3766536.5,	50.6,	50.6,	0.0);
(363721.4, 3766536.5,	47.1,	47.1,	0.0);	(363741.4, 3766536.5,	47.1,	47.1,	0.0);
(363761.4, 3766536.5,	47.0,	47.0,	0.0);	(363781.4, 3766536.5,	46.8,	46.8,	0.0);
(363821.4, 3766536.5,	47.1,	47.1,	0.0);	(363841.4, 3766536.5,	47.0,	47.0,	0.0);
(363241.4, 3766556.5,	51.4,	51.4,	0.0);	(363261.4, 3766556.5,	51.1,	51.1,	0.0);
(363281.4, 3766556.5,	50.7,	50.7,	0.0);	(363701.4, 3766556.5,	47.2,	47.2,	0.0);
(363721.4, 3766556.5,	47.2,	47.2,	0.0);	(363741.4, 3766556.5,	47.1,	47.1,	0.0);
(363761.4, 3766556.5,	47.0,	47.0,	0.0);	(363801.4, 3766556.5,	47.2,	47.2,	0.0);
(363821.4, 3766556.5,	47.3,	47.3,	0.0);	(363221.4, 3766576.5,	52.2,	52.2,	0.0);
(363241.4, 3766576.5,	51.7,	51.7,	0.0);	(363261.4, 3766576.5,	51.3,	51.3,	0.0);
(363496.2, 3766680.5,	50.6,	50.6,	0.0);	(363496.3, 3766713.8,	51.3,	51.3,	0.0);
(363721.4, 3766576.5,	47.3,	47.3,	0.0);	(363741.4, 3766576.5,	47.1,	47.1,	0.0);
(363781.4, 3766576.5,	47.3,	47.3,	0.0);	(363801.4, 3766576.5,	47.4,	47.4,	0.0);
(363201.4, 3766596.5,	53.0,	53.0,	0.0);	(363221.4, 3766596.5,	52.6,	52.6,	0.0);
(363241.4, 3766596.5,	52.1,	52.1,	0.0);	(363281.4, 3766596.5,	51.6,	51.6,	0.0);
(363301.4, 3766596.5,	51.4,	51.4,	0.0);	(363321.4, 3766596.5,	51.0,	51.0,	0.0);
(363575.2, 3766590.4,	47.8,	47.8,	0.0);	(363592.9, 3766607.1,	48.0,	48.0,	0.0);
(363763.7, 3766588.0,	47.4,	47.4,	0.0);	(363781.4, 3766596.5,	47.5,	47.5,	0.0);
(363181.4, 3766616.5,	53.6,	53.6,	0.0);	(363201.4, 3766616.5,	53.5,	53.5,	0.0);
(363221.4, 3766616.5,	53.0,	53.0,	0.0);	(363261.4, 3766616.5,	52.3,	52.3,	0.0);
(363281.4, 3766616.5,	52.2,	52.2,	0.0);	(363301.4, 3766616.5,	51.8,	51.8,	0.0);
(363321.4, 3766616.5,	51.3,	51.3,	0.0);	(363341.4, 3766616.5,	50.9,	50.9,	0.0);
(363544.6, 3766623.4,	48.6,	48.6,	0.0);	(363561.4, 3766616.5,	48.3,	48.3,	0.0);
(363510.4, 3766688.5,	50.4,	50.4,	0.0);	(363901.4, 3766616.5,	47.4,	47.4,	0.0);
(363921.4, 3766616.5,	47.3,	47.3,	0.0);	(363161.4, 3766636.5,	54.5,	54.5,	0.0);
(363181.4, 3766636.5,	54.2,	54.2,	0.0);	(363201.4, 3766636.5,	54.0,	54.0,	0.0);
(363241.4, 3766636.5,	53.3,	53.3,	0.0);	(363261.4, 3766636.5,	53.2,	53.2,	0.0);
(363281.4, 3766636.5,	52.8,	52.8,	0.0);	(363301.4, 3766636.5,	52.4,	52.4,	0.0);
(363321.4, 3766636.5,	51.8,	51.8,	0.0);	(363341.4, 3766636.5,	51.3,	51.3,	0.0);
(363526.2, 3766643.1,	49.3,	49.3,	0.0);	(363541.4, 3766636.5,	48.9,	48.9,	0.0);
(363561.4, 3766636.5,	48.7,	48.7,	0.0);	(363881.4, 3766636.5,	47.6,	47.6,	0.0);
(363901.4, 3766636.5,	47.6,	47.6,	0.0);	(363141.4, 3766656.5,	55.4,	55.4,	0.0);
(363161.4, 3766656.5,	55.1,	55.1,	0.0);	(363181.4, 3766656.5,	54.8,	54.8,	0.0);
(363221.4, 3766656.5,	54.1,	54.1,	0.0);	(363241.4, 3766656.5,	53.9,	53.9,	0.0);
(363261.4, 3766656.5,	53.7,	53.7,	0.0);	(363281.4, 3766656.5,	53.2,	53.2,	0.0);
(363301.4, 3766656.5,	52.5,	52.5,	0.0);	(363321.4, 3766656.5,	52.1,	52.1,	0.0);
(363361.4, 3766656.5,	51.8,	51.8,	0.0);	(363381.4, 3766656.5,	51.5,	51.5,	0.0);
(363579.2, 3766624.0,	48.3,	48.3,	0.0);	(363521.4, 3766656.5,	49.7,	49.7,	0.0);
(363541.4, 3766656.5,	49.3,	49.3,	0.0);	(363861.4, 3766656.5,	47.7,	47.7,	0.0);
(363881.4, 3766656.5,	47.6,	47.6,	0.0);	(363941.4, 3766656.5,	47.4,	47.4,	0.0);
(363161.4, 3766676.5,	55.7,	55.7,	0.0);	(363201.4, 3766676.5,	54.8,	54.8,	0.0);

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

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

(363221.4,	3766676.5,	54.6,	54.6,	0.0);	(363241.4,	3766676.5,	54.5,	54.5,	0.0);
(363261.4,	3766676.5,	54.2,	54.2,	0.0);	(363281.4,	3766676.5,	53.8,	53.8,	0.0);
(363301.4,	3766676.5,	52.8,	52.8,	0.0);	(363341.4,	3766676.5,	52.6,	52.6,	0.0);
(363361.4,	3766676.5,	52.6,	52.6,	0.0);	(363381.4,	3766676.5,	52.2,	52.2,	0.0);
(363401.4,	3766676.5,	51.7,	51.7,	0.0);	(363521.9,	3766687.4,	50.2,	50.2,	0.0);
(363519.7,	3766667.8,	50.0,	50.0,	0.0);	(363841.4,	3766676.5,	47.8,	47.8,	0.0);
(363861.4,	3766676.5,	47.7,	47.7,	0.0);	(363921.4,	3766676.5,	47.8,	47.8,	0.0);
(363941.4,	3766676.5,	47.7,	47.7,	0.0);	(363961.4,	3766676.5,	47.8,	47.8,	0.0);
(363981.4,	3766676.5,	48.0,	48.0,	0.0);	(364001.4,	3766676.5,	48.1,	48.1,	0.0);
(363181.4,	3766696.5,	55.9,	55.9,	0.0);	(363201.4,	3766696.5,	55.0,	55.0,	0.0);
(363221.4,	3766696.5,	54.6,	54.6,	0.0);	(363241.4,	3766696.5,	54.8,	54.8,	0.0);
(363261.4,	3766696.5,	54.9,	54.9,	0.0);	(363281.4,	3766696.5,	54.5,	54.5,	0.0);
(363321.4,	3766696.5,	53.4,	53.4,	0.0);	(363341.4,	3766696.5,	53.3,	53.3,	0.0);
(363361.4,	3766696.5,	53.0,	53.0,	0.0);	(363381.4,	3766696.5,	52.6,	52.6,	0.0);
(363401.4,	3766696.5,	52.2,	52.2,	0.0);	(363421.4,	3766696.5,	52.0,	52.0,	0.0);
(363481.4,	3766696.5,	51.4,	51.4,	0.0);	(363503.5,	3766703.6,	50.9,	50.9,	0.0);
(363901.4,	3766696.5,	47.4,	47.4,	0.0);	(363921.4,	3766696.5,	47.9,	47.9,	0.0);
(363941.4,	3766696.5,	48.0,	48.0,	0.0);	(363961.4,	3766696.5,	48.1,	48.1,	0.0);
(363981.4,	3766696.5,	48.2,	48.2,	0.0);	(364001.4,	3766696.5,	48.3,	48.3,	0.0);
(363201.4,	3766716.5,	55.8,	55.8,	0.0);	(363221.4,	3766716.5,	55.6,	55.6,	0.0);
(363241.4,	3766716.5,	55.6,	55.6,	0.0);	(363261.4,	3766716.5,	55.5,	55.5,	0.0);
(363301.4,	3766716.5,	54.4,	54.4,	0.0);	(363321.4,	3766716.5,	54.1,	54.1,	0.0);
(363341.4,	3766716.5,	53.9,	53.9,	0.0);	(363361.4,	3766716.5,	53.6,	53.6,	0.0);
(363381.4,	3766716.5,	53.2,	53.2,	0.0);	(363401.4,	3766716.5,	52.8,	52.8,	0.0);
(363421.4,	3766716.5,	52.4,	52.4,	0.0);	(363881.4,	3766716.5,	47.9,	47.9,	0.0);
(363901.4,	3766716.5,	47.9,	47.9,	0.0);	(363921.4,	3766716.5,	48.0,	48.0,	0.0);
(363941.4,	3766716.5,	48.1,	48.1,	0.0);	(363961.4,	3766716.5,	48.3,	48.3,	0.0);
(363981.4,	3766716.5,	48.4,	48.4,	0.0);	(364021.4,	3766716.5,	47.8,	47.8,	0.0);
(364041.4,	3766716.5,	48.4,	48.4,	0.0);	(363221.4,	3766736.5,	56.9,	56.9,	0.0);
(363241.4,	3766736.5,	56.7,	56.7,	0.0);	(363281.4,	3766736.5,	55.4,	55.4,	0.0);
(363301.4,	3766736.5,	55.1,	55.1,	0.0);	(363321.4,	3766736.5,	54.8,	54.8,	0.0);
(363341.4,	3766736.5,	54.5,	54.5,	0.0);	(363361.4,	3766736.5,	54.2,	54.2,	0.0);
(363381.4,	3766736.5,	53.8,	53.8,	0.0);	(363401.4,	3766736.5,	53.3,	53.3,	0.0);
(363441.4,	3766736.5,	52.8,	52.8,	0.0);	(363461.4,	3766736.5,	52.4,	52.4,	0.0);
(363881.4,	3766736.5,	48.1,	48.1,	0.0);	(363901.4,	3766736.5,	48.2,	48.2,	0.0);
(363921.4,	3766736.5,	48.2,	48.2,	0.0);	(363941.4,	3766736.5,	48.3,	48.3,	0.0);
(363961.4,	3766736.5,	48.4,	48.4,	0.0);	(364001.4,	3766736.5,	48.9,	48.9,	0.0);
(364021.4,	3766736.5,	48.4,	48.4,	0.0);	(364041.4,	3766736.5,	48.7,	48.7,	0.0);
(364061.4,	3766736.5,	48.9,	48.9,	0.0);	(363301.4,	3766756.5,	55.7,	55.7,	0.0);
(363321.4,	3766756.5,	55.3,	55.3,	0.0);	(363341.4,	3766756.5,	55.1,	55.1,	0.0);
(363361.4,	3766756.5,	54.9,	54.9,	0.0);	(363381.4,	3766756.5,	54.1,	54.1,	0.0);
(363421.4,	3766756.5,	53.6,	53.6,	0.0);	(363441.4,	3766756.5,	53.5,	53.5,	0.0);
(363461.4,	3766756.5,	52.7,	52.7,	0.0);	(363481.4,	3766756.5,	51.5,	51.5,	0.0);
(363701.4,	3766756.5,	48.5,	48.5,	0.0);	(363721.4,	3766756.5,	48.5,	48.5,	0.0);
(363901.4,	3766756.5,	48.3,	48.3,	0.0);	(363921.4,	3766756.5,	48.5,	48.5,	0.0);

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

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

(363941.4,	3766756.5,	48.5,	48.5,	0.0);	(363981.4,	3766756.5,	48.8,	48.8,	0.0);
(364001.4,	3766756.5,	49.4,	49.4,	0.0);	(364021.4,	3766756.5,	49.3,	49.3,	0.0);
(364041.4,	3766756.5,	49.1,	49.1,	0.0);	(364061.4,	3766756.5,	49.2,	49.2,	0.0);
(364081.4,	3766756.5,	49.3,	49.3,	0.0);	(363321.4,	3766776.5,	56.0,	56.0,	0.0);
(363341.4,	3766776.5,	55.6,	55.6,	0.0);	(363361.4,	3766776.5,	55.2,	55.2,	0.0);
(363401.4,	3766776.5,	54.2,	54.2,	0.0);	(363421.4,	3766776.5,	54.0,	54.0,	0.0);
(363441.4,	3766776.5,	53.7,	53.7,	0.0);	(363461.4,	3766776.5,	52.9,	52.9,	0.0);
(363481.4,	3766776.5,	52.2,	52.2,	0.0);	(363501.4,	3766776.5,	51.9,	51.9,	0.0);
(363681.4,	3766776.5,	49.0,	49.0,	0.0);	(363701.4,	3766776.5,	48.8,	48.8,	0.0);
(363721.4,	3766776.5,	48.7,	48.7,	0.0);	(363741.4,	3766776.5,	48.8,	48.8,	0.0);
(363921.4,	3766776.5,	48.6,	48.6,	0.0);	(363961.4,	3766776.5,	48.8,	48.8,	0.0);
(363981.4,	3766776.5,	49.1,	49.1,	0.0);	(364001.4,	3766776.5,	49.3,	49.3,	0.0);
(364021.4,	3766776.5,	49.4,	49.4,	0.0);	(364041.4,	3766776.5,	49.4,	49.4,	0.0);
(364061.4,	3766776.5,	49.5,	49.5,	0.0);	(364081.4,	3766776.5,	49.5,	49.5,	0.0);
(363341.4,	3766796.5,	56.1,	56.1,	0.0);	(363381.4,	3766796.5,	55.2,	55.2,	0.0);
(363401.4,	3766796.5,	54.8,	54.8,	0.0);	(363421.4,	3766796.5,	54.3,	54.3,	0.0);
(363441.4,	3766796.5,	53.8,	53.8,	0.0);	(363461.4,	3766796.5,	53.3,	53.3,	0.0);
(363481.4,	3766796.5,	53.1,	53.1,	0.0);	(363521.4,	3766796.5,	52.1,	52.1,	0.0);
(363661.4,	3766796.5,	49.9,	49.9,	0.0);	(363681.4,	3766796.5,	49.4,	49.4,	0.0);
(363701.4,	3766796.5,	49.0,	49.0,	0.0);	(363721.4,	3766796.5,	48.9,	48.9,	0.0);
(363741.4,	3766796.5,	49.0,	49.0,	0.0);	(363761.4,	3766796.5,	48.8,	48.8,	0.0);
(363941.4,	3766796.5,	48.9,	48.9,	0.0);	(363961.4,	3766796.5,	49.0,	49.0,	0.0);
(363981.4,	3766796.5,	49.1,	49.1,	0.0);	(364001.4,	3766796.5,	49.0,	49.0,	0.0);
(364021.4,	3766796.5,	49.5,	49.5,	0.0);	(364041.4,	3766796.5,	49.6,	49.6,	0.0);
(364061.4,	3766796.5,	49.6,	49.6,	0.0);	(363361.4,	3766816.5,	56.4,	56.4,	0.0);
(363381.4,	3766816.5,	55.7,	55.7,	0.0);	(363401.4,	3766816.5,	55.2,	55.2,	0.0);
(363421.4,	3766816.5,	54.8,	54.8,	0.0);	(363441.4,	3766816.5,	54.5,	54.5,	0.0);
(363461.4,	3766816.5,	54.0,	54.0,	0.0);	(363501.4,	3766816.5,	53.3,	53.3,	0.0);
(363521.4,	3766816.5,	53.0,	53.0,	0.0);	(363541.4,	3766816.5,	52.3,	52.3,	0.0);
(363561.4,	3766816.5,	52.2,	52.2,	0.0);	(363641.4,	3766816.5,	50.8,	50.8,	0.0);
(363661.4,	3766816.5,	50.3,	50.3,	0.0);	(363681.4,	3766816.5,	49.8,	49.8,	0.0);
(363701.4,	3766816.5,	49.4,	49.4,	0.0);	(363721.4,	3766816.5,	49.1,	49.1,	0.0);
(363741.4,	3766816.5,	49.0,	49.0,	0.0);	(363921.4,	3766816.5,	48.9,	48.9,	0.0);
(363941.4,	3766816.5,	49.1,	49.1,	0.0);	(363961.4,	3766816.5,	49.2,	49.2,	0.0);
(363981.4,	3766816.5,	49.1,	49.1,	0.0);	(364001.4,	3766816.5,	48.8,	48.8,	0.0);
(364021.4,	3766816.5,	49.7,	49.7,	0.0);	(364041.4,	3766816.5,	49.8,	49.8,	0.0);
(363201.4,	3766836.5,	60.6,	60.6,	0.0);	(363341.4,	3766836.5,	57.3,	57.3,	0.0);
(363361.4,	3766836.5,	57.1,	57.1,	0.0);	(363381.4,	3766836.5,	56.5,	56.5,	0.0);
(363401.4,	3766836.5,	55.8,	55.8,	0.0);	(363421.4,	3766836.5,	55.3,	55.3,	0.0);
(363441.4,	3766836.5,	55.0,	55.0,	0.0);	(363481.4,	3766836.5,	54.2,	54.2,	0.0);
(363501.4,	3766836.5,	53.8,	53.8,	0.0);	(363521.4,	3766836.5,	53.3,	53.3,	0.0);
(363541.4,	3766836.5,	52.8,	52.8,	0.0);	(363561.4,	3766836.5,	52.6,	52.6,	0.0);
(363581.4,	3766836.5,	52.2,	52.2,	0.0);	(363621.4,	3766836.5,	51.5,	51.5,	0.0);
(363641.4,	3766836.5,	51.1,	51.1,	0.0);	(363661.4,	3766836.5,	50.5,	50.5,	0.0);
(363681.4,	3766836.5,	50.0,	50.0,	0.0);	(363701.4,	3766836.5,	49.6,	49.6,	0.0);

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

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

(363721.4,	3766836.5,	49.3,	49.3,	0.0);	(363941.4,	3766836.5,	49.4,	49.4,	0.0);
(363961.4,	3766836.5,	49.5,	49.5,	0.0);	(363981.4,	3766836.5,	49.5,	49.5,	0.0);
(364001.4,	3766836.5,	49.5,	49.5,	0.0);	(364021.4,	3766836.5,	49.8,	49.8,	0.0);
(363181.4,	3766856.5,	61.9,	61.9,	0.0);	(363201.4,	3766856.5,	61.4,	61.4,	0.0);
(363221.4,	3766856.5,	60.7,	60.7,	0.0);	(363341.4,	3766856.5,	57.8,	57.8,	0.0);
(363361.4,	3766856.5,	57.6,	57.6,	0.0);	(363381.4,	3766856.5,	57.4,	57.4,	0.0);
(363401.4,	3766856.5,	56.6,	56.6,	0.0);	(363421.4,	3766856.5,	55.8,	55.8,	0.0);
(363461.4,	3766856.5,	55.2,	55.2,	0.0);	(363481.4,	3766856.5,	54.8,	54.8,	0.0);
(363501.4,	3766856.5,	54.1,	54.1,	0.0);	(363521.4,	3766856.5,	53.5,	53.5,	0.0);
(363541.4,	3766856.5,	53.3,	53.3,	0.0);	(363561.4,	3766856.5,	52.9,	52.9,	0.0);
(363641.4,	3766856.5,	51.2,	51.2,	0.0);	(363661.4,	3766856.5,	50.7,	50.7,	0.0);
(363681.4,	3766856.5,	50.2,	50.2,	0.0);	(363701.4,	3766856.5,	49.8,	49.8,	0.0);
(363741.4,	3766856.5,	49.7,	49.7,	0.0);	(363881.4,	3766856.5,	49.1,	49.1,	0.0);
(363901.4,	3766856.5,	49.3,	49.3,	0.0);	(363941.4,	3766856.5,	49.7,	49.7,	0.0);
(363961.4,	3766856.5,	49.8,	49.8,	0.0);	(363981.4,	3766856.5,	49.9,	49.9,	0.0);
(364001.4,	3766856.5,	49.9,	49.9,	0.0);	(363161.4,	3766876.5,	63.0,	63.0,	0.0);
(363181.4,	3766876.5,	62.6,	62.6,	0.0);	(363201.4,	3766876.5,	61.9,	61.9,	0.0);
(363221.4,	3766876.5,	61.3,	61.3,	0.0);	(363241.4,	3766876.5,	60.8,	60.8,	0.0);
(363361.4,	3766876.5,	57.9,	57.9,	0.0);	(363381.4,	3766876.5,	57.8,	57.8,	0.0);
(363401.4,	3766876.5,	57.1,	57.1,	0.0);	(363441.4,	3766876.5,	56.1,	56.1,	0.0);
(363461.4,	3766876.5,	55.8,	55.8,	0.0);	(363481.4,	3766876.5,	55.1,	55.1,	0.0);
(363501.4,	3766876.5,	54.6,	54.6,	0.0);	(363521.4,	3766876.5,	54.2,	54.2,	0.0);
(363541.4,	3766876.5,	53.7,	53.7,	0.0);	(363542.1,	3766801.8,	51.9,	51.9,	0.0);
(363601.4,	3766876.5,	52.4,	52.4,	0.0);	(363620.3,	3766880.6,	51.8,	51.8,	0.0);
(363661.4,	3766876.5,	50.8,	50.8,	0.0);	(363681.4,	3766876.5,	50.4,	50.4,	0.0);
(363721.4,	3766876.5,	50.0,	50.0,	0.0);	(363741.4,	3766876.5,	50.0,	50.0,	0.0);
(363761.4,	3766876.5,	50.0,	50.0,	0.0);	(363801.4,	3766876.5,	49.2,	49.2,	0.0);
(363881.4,	3766876.5,	49.4,	49.4,	0.0);	(363901.4,	3766876.5,	49.6,	49.6,	0.0);
(363921.4,	3766876.5,	49.8,	49.8,	0.0);	(363961.4,	3766876.5,	50.2,	50.2,	0.0);
(363981.4,	3766876.5,	50.2,	50.2,	0.0);	(363141.4,	3766896.5,	64.2,	64.2,	0.0);
(363161.4,	3766896.5,	63.9,	63.9,	0.0);	(363181.4,	3766896.5,	63.3,	63.3,	0.0);
(363201.4,	3766896.5,	62.6,	62.6,	0.0);	(363221.4,	3766896.5,	62.0,	62.0,	0.0);
(363241.4,	3766896.5,	61.5,	61.5,	0.0);	(363381.4,	3766896.5,	58.1,	58.1,	0.0);
(363461.4,	3766896.5,	56.3,	56.3,	0.0);	(363481.4,	3766896.5,	55.7,	55.7,	0.0);
(363501.4,	3766896.5,	55.2,	55.2,	0.0);	(363521.4,	3766896.5,	54.7,	54.7,	0.0);
(363581.4,	3766896.5,	53.2,	53.2,	0.0);	(363601.4,	3766896.5,	52.7,	52.7,	0.0);
(363623.4,	3766901.7,	52.0,	52.0,	0.0);	(363641.4,	3766896.5,	51.4,	51.4,	0.0);
(363701.4,	3766896.5,	50.4,	50.4,	0.0);	(363721.4,	3766896.5,	50.3,	50.3,	0.0);
(363761.4,	3766896.5,	50.1,	50.1,	0.0);	(363781.4,	3766896.5,	49.8,	49.8,	0.0);
(363801.4,	3766896.5,	49.5,	49.5,	0.0);	(363821.4,	3766896.5,	49.7,	49.7,	0.0);
(363861.4,	3766896.5,	49.4,	49.4,	0.0);	(363881.4,	3766896.5,	49.4,	49.4,	0.0);
(363901.4,	3766896.5,	49.8,	49.8,	0.0);	(363141.4,	3766916.5,	65.1,	65.1,	0.0);
(363161.4,	3766916.5,	64.7,	64.7,	0.0);	(363181.4,	3766916.5,	64.1,	64.1,	0.0);
(363201.4,	3766916.5,	63.7,	63.7,	0.0);	(363221.4,	3766916.5,	62.8,	62.8,	0.0);
(363261.4,	3766916.5,	62.2,	62.2,	0.0);	(363281.4,	3766916.5,	61.5,	61.5,	0.0);

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

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

(363481.4,	3766916.5,	56.4,	56.4,	0.0);	(363501.4,	3766916.5,	55.8,	55.8,	0.0);
(363594.0,	3766905.6,	53.1,	53.1,	0.0);	(363621.4,	3766916.5,	52.3,	52.3,	0.0);
(363641.4,	3766916.5,	51.9,	51.9,	0.0);	(363649.3,	3766910.2,	51.6,	51.6,	0.0);
(363721.4,	3766916.5,	50.5,	50.5,	0.0);	(363741.4,	3766916.5,	50.6,	50.6,	0.0);
(363761.4,	3766916.5,	50.2,	50.2,	0.0);	(363781.4,	3766916.5,	49.9,	49.9,	0.0);
(363801.4,	3766916.5,	49.8,	49.8,	0.0);	(363841.4,	3766916.5,	49.8,	49.8,	0.0);
(363861.4,	3766916.5,	49.6,	49.6,	0.0);	(363881.4,	3766916.5,	49.7,	49.7,	0.0);
(363901.4,	3766916.5,	50.2,	50.2,	0.0);	(363921.4,	3766916.5,	50.6,	50.6,	0.0);
(363141.4,	3766936.5,	65.6,	65.6,	0.0);	(363161.4,	3766936.5,	65.2,	65.2,	0.0);
(363181.4,	3766936.5,	64.8,	64.8,	0.0);	(363201.4,	3766936.5,	64.1,	64.1,	0.0);
(363241.4,	3766936.5,	63.0,	63.0,	0.0);	(363261.4,	3766936.5,	62.9,	62.9,	0.0);
(363281.4,	3766936.5,	62.1,	62.1,	0.0);	(363301.4,	3766936.5,	61.5,	61.5,	0.0);
(363321.4,	3766936.5,	61.0,	61.0,	0.0);	(363601.4,	3766936.5,	52.6,	52.6,	0.0);
(363621.4,	3766936.5,	52.8,	52.8,	0.0);	(363641.4,	3766936.5,	52.3,	52.3,	0.0);
(363681.4,	3766936.5,	51.4,	51.4,	0.0);	(363741.4,	3766936.5,	50.8,	50.8,	0.0);
(363761.4,	3766936.5,	50.4,	50.4,	0.0);	(363781.4,	3766936.5,	50.1,	50.1,	0.0);
(363821.4,	3766936.5,	50.1,	50.1,	0.0);	(363841.4,	3766936.5,	50.2,	50.2,	0.0);
(363861.4,	3766936.5,	50.2,	50.2,	0.0);	(363881.4,	3766936.5,	50.3,	50.3,	0.0);
(363901.4,	3766936.5,	50.8,	50.8,	0.0);	(363921.4,	3766936.5,	51.0,	51.0,	0.0);
(363141.4,	3766956.5,	66.1,	66.1,	0.0);	(363161.4,	3766956.5,	65.8,	65.8,	0.0);
(363181.4,	3766956.5,	65.3,	65.3,	0.0);	(363221.4,	3766956.5,	64.0,	64.0,	0.0);
(363241.4,	3766956.5,	63.7,	63.7,	0.0);	(363261.4,	3766956.5,	63.3,	63.3,	0.0);
(363281.4,	3766956.5,	62.6,	62.6,	0.0);	(363301.4,	3766956.5,	62.0,	62.0,	0.0);
(363321.4,	3766956.5,	61.5,	61.5,	0.0);	(363574.5,	3766955.4,	54.3,	54.3,	0.0);
(363601.4,	3766956.5,	53.3,	53.3,	0.0);	(363582.3,	3766938.2,	53.2,	53.2,	0.0);
(363661.4,	3766956.5,	52.4,	52.4,	0.0);	(363681.4,	3766956.5,	51.9,	51.9,	0.0);
(363701.4,	3766956.5,	51.4,	51.4,	0.0);	(363761.4,	3766956.5,	50.5,	50.5,	0.0);
(363801.4,	3766956.5,	50.5,	50.5,	0.0);	(363821.4,	3766956.5,	50.4,	50.4,	0.0);
(363841.4,	3766956.5,	50.4,	50.4,	0.0);	(363861.4,	3766956.5,	50.5,	50.5,	0.0);
(363881.4,	3766956.5,	50.7,	50.7,	0.0);	(363901.4,	3766956.5,	51.0,	51.0,	0.0);
(363161.4,	3766976.5,	66.3,	66.3,	0.0);	(363201.4,	3766976.5,	65.2,	65.2,	0.0);
(363221.4,	3766976.5,	64.8,	64.8,	0.0);	(363241.4,	3766976.5,	64.2,	64.2,	0.0);
(363261.4,	3766976.5,	63.5,	63.5,	0.0);	(363281.4,	3766976.5,	63.0,	63.0,	0.0);
(363301.4,	3766976.5,	62.4,	62.4,	0.0);	(363341.4,	3766976.5,	61.3,	61.3,	0.0);
(363361.4,	3766976.5,	60.8,	60.8,	0.0);	(363561.4,	3766976.5,	55.6,	55.6,	0.0);
(363581.4,	3766976.5,	55.2,	55.2,	0.0);	(363589.0,	3766966.9,	54.3,	54.3,	0.0);
(363641.4,	3766976.5,	53.6,	53.6,	0.0);	(363661.4,	3766976.5,	53.1,	53.1,	0.0);
(363681.4,	3766976.5,	52.5,	52.5,	0.0);	(363701.4,	3766976.5,	51.9,	51.9,	0.0);
(363721.4,	3766976.5,	51.7,	51.7,	0.0);	(363781.4,	3766976.5,	50.7,	50.7,	0.0);
(363801.4,	3766976.5,	51.0,	51.0,	0.0);	(363821.4,	3766976.5,	50.5,	50.5,	0.0);
(363841.4,	3766976.5,	50.5,	50.5,	0.0);	(363861.4,	3766976.5,	50.7,	50.7,	0.0);
(363881.4,	3766976.5,	51.0,	51.0,	0.0);	(363181.4,	3766996.5,	66.3,	66.3,	0.0);
(363201.4,	3766996.5,	65.7,	65.7,	0.0);	(363221.4,	3766996.5,	65.2,	65.2,	0.0);
(363241.4,	3766996.5,	64.6,	64.6,	0.0);	(363261.4,	3766996.5,	64.0,	64.0,	0.0);
(363281.4,	3766996.5,	63.4,	63.4,	0.0);	(363301.4,	3766996.5,	62.9,	62.9,	0.0);

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

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

(363321.4,	3766996.5,	62.4,	62.4,	0.0);	(363341.4,	3766996.5,	62.0,	62.0,	0.0);
(363361.4,	3766996.5,	61.4,	61.4,	0.0);	(363381.4,	3766996.5,	60.9,	60.9,	0.0);
(363574.3,	3766988.7,	55.8,	55.8,	0.0);	(363621.4,	3766996.5,	54.8,	54.8,	0.0);
(363641.4,	3766996.5,	54.2,	54.2,	0.0);	(363661.4,	3766996.5,	53.6,	53.6,	0.0);
(363681.4,	3766996.5,	53.1,	53.1,	0.0);	(363701.4,	3766996.5,	52.6,	52.6,	0.0);
(363721.4,	3766996.5,	51.9,	51.9,	0.0);	(363801.4,	3766996.5,	51.3,	51.3,	0.0);
(363821.4,	3766996.5,	50.7,	50.7,	0.0);	(363841.4,	3766996.5,	50.7,	50.7,	0.0);
(363861.4,	3766996.5,	51.1,	51.1,	0.0);	(363181.4,	3767016.5,	66.9,	66.9,	0.0);
(363201.4,	3767016.5,	66.2,	66.2,	0.0);	(363221.4,	3767016.5,	65.5,	65.5,	0.0);
(363241.4,	3767016.5,	64.9,	64.9,	0.0);	(363261.4,	3767016.5,	64.5,	64.5,	0.0);
(363281.4,	3767016.5,	63.9,	63.9,	0.0);	(363321.4,	3767016.5,	63.0,	63.0,	0.0);
(363341.4,	3767016.5,	62.6,	62.6,	0.0);	(363361.4,	3767016.5,	61.9,	61.9,	0.0);
(363381.4,	3767016.5,	61.4,	61.4,	0.0);	(363401.4,	3767016.5,	60.7,	60.7,	0.0);
(363601.4,	3767016.5,	56.3,	56.3,	0.0);	(363621.4,	3767016.5,	55.4,	55.4,	0.0);
(363641.4,	3767016.5,	54.8,	54.8,	0.0);	(363661.4,	3767016.5,	54.1,	54.1,	0.0);
(363681.4,	3767016.5,	53.6,	53.6,	0.0);	(363701.4,	3767016.5,	53.2,	53.2,	0.0);
(363741.4,	3767016.5,	52.4,	52.4,	0.0);	(363761.4,	3767016.5,	52.0,	52.0,	0.0);
(363821.4,	3767016.5,	51.1,	51.1,	0.0);	(363841.4,	3767016.5,	51.3,	51.3,	0.0);
(363201.4,	3767036.5,	66.5,	66.5,	0.0);	(363221.4,	3767036.5,	65.9,	65.9,	0.0);
(363241.4,	3767036.5,	65.4,	65.4,	0.0);	(363261.4,	3767036.5,	64.7,	64.7,	0.0);
(363301.4,	3767036.5,	63.9,	63.9,	0.0);	(363321.4,	3767036.5,	63.4,	63.4,	0.0);
(363341.4,	3767036.5,	62.8,	62.8,	0.0);	(363361.4,	3767036.5,	62.3,	62.3,	0.0);
(363381.4,	3767036.5,	61.2,	61.2,	0.0);	(363601.4,	3767036.5,	57.5,	57.5,	0.0);
(363621.4,	3767036.5,	55.8,	55.8,	0.0);	(363641.4,	3767036.5,	55.2,	55.2,	0.0);
(363661.4,	3767036.5,	54.6,	54.6,	0.0);	(363681.4,	3767036.5,	54.0,	54.0,	0.0);
(363721.4,	3767036.5,	53.4,	53.4,	0.0);	(363741.4,	3767036.5,	53.1,	53.1,	0.0);
(363761.4,	3767036.5,	52.9,	52.9,	0.0);	(363781.4,	3767036.5,	52.6,	52.6,	0.0);
(363221.4,	3767056.5,	66.3,	66.3,	0.0);	(363241.4,	3767056.5,	65.7,	65.7,	0.0);
(363281.4,	3767056.5,	64.8,	64.8,	0.0);	(363301.4,	3767056.5,	64.2,	64.2,	0.0);
(363321.4,	3767056.5,	63.7,	63.7,	0.0);	(363341.4,	3767056.5,	63.2,	63.2,	0.0);
(363361.4,	3767056.5,	62.7,	62.7,	0.0);	(363641.4,	3767056.5,	56.0,	56.0,	0.0);
(363661.4,	3767056.5,	55.4,	55.4,	0.0);	(363701.4,	3767056.5,	54.5,	54.5,	0.0);
(363721.4,	3767056.5,	54.1,	54.1,	0.0);	(363741.4,	3767056.5,	53.9,	53.9,	0.0);
(363761.4,	3767056.5,	53.6,	53.6,	0.0);	(363261.4,	3767076.5,	65.6,	65.6,	0.0);
(363281.4,	3767076.5,	65.1,	65.1,	0.0);	(363301.4,	3767076.5,	64.5,	64.5,	0.0);
(363321.4,	3767076.5,	64.0,	64.0,	0.0);	(363341.4,	3767076.5,	63.5,	63.5,	0.0);
(363681.4,	3767076.5,	55.7,	55.7,	0.0);	(363701.4,	3767076.5,	55.5,	55.5,	0.0);
(363721.4,	3767076.5,	54.9,	54.9,	0.0);	(363741.4,	3767076.5,	54.6,	54.6,	0.0);
(363486.9,	3766687.3,	51.0,	51.0,	0.0);	(363539.1,	3766668.7,	49.5,	49.5,	0.0);
(363638.4,	3766651.8,	48.5,	48.5,	0.0);	(363651.7,	3766665.6,	48.8,	48.8,	0.0);
(363666.0,	3766678.5,	48.7,	48.7,	0.0);	(363625.3,	3766666.5,	48.8,	48.8,	0.0);
(363608.1,	3766683.4,	49.0,	49.0,	0.0);	(363624.2,	3766701.1,	49.2,	49.2,	0.0);
(363639.3,	3766715.1,	49.1,	49.1,	0.0);	(363702.7,	3766703.3,	48.4,	48.4,	0.0);
(363653.2,	3766723.5,	48.8,	48.8,	0.0);	(363667.0,	3766730.7,	48.6,	48.6,	0.0);
(363654.2,	3766699.4,	48.8,	48.8,	0.0);	(363667.0,	3766709.7,	48.7,	48.7,	0.0);

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

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

(363678.8, 3766720.2,	48.5,	48.5,	0.0);	(363637.3, 3766737.1,	49.3,	49.3,	0.0);
(363652.7, 3766746.1,	49.0,	49.0,	0.0);	(363680.9, 3766690.1,	48.6,	48.6,	0.0);
(363573.6, 3766661.4,	48.8,	48.8,	0.0);	(363562.3, 3766670.9,	49.1,	49.1,	0.0);
(363551.8, 3766680.4,	49.5,	49.5,	0.0);	(363542.6, 3766689.9,	49.9,	49.9,	0.0);
(363531.0, 3766702.0,	50.3,	50.3,	0.0);	(363521.0, 3766712.5,	50.7,	50.7,	0.0);
(363510.5, 3766724.8,	51.2,	51.2,	0.0);	(363660.9, 3766754.8,	48.9,	48.9,	0.0);
(363676.8, 3766740.7,	48.6,	48.6,	0.0);	(363687.8, 3766729.7,	48.4,	48.4,	0.0);
(363635.2, 3766684.8,	49.0,	49.0,	0.0);				

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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)
L0000125	363621.4	3766836.5	-1.04
L0000127	363641.4	3766816.5	0.42
L0000160	363901.4	3766856.5	0.89

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

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

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1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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

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

Surface file: metdata-53 m\KSMO_v9.SFC Met Version: 16216
Profile file: metdata-53 m\KSMO_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 93197 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-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 FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363781.42	3766476.48	0.63356	363801.42	3766476.48	0.56313
363761.42	3766496.48	0.85659	363781.42	3766496.48	0.74837
363801.42	3766496.48	0.65875	363741.42	3766516.48	1.20790
363761.42	3766516.48	1.03246	363781.42	3766516.48	0.89156
363841.42	3766516.48	0.60168	363261.42	3766536.48	0.28730
363721.42	3766536.48	1.79962	363741.42	3766536.48	1.49185
363761.42	3766536.48	1.25660	363781.42	3766536.48	1.07175
363821.42	3766536.48	0.80207	363841.42	3766536.48	0.70140
363241.42	3766556.48	0.24691	363261.42	3766556.48	0.27570
363281.42	3766556.48	0.30986	363701.42	3766556.48	2.91560
363721.42	3766556.48	2.30254	363741.42	3766556.48	1.86824
363761.42	3766556.48	1.54689	363801.42	3766556.48	1.10672
363821.42	3766556.48	0.95067	363221.42	3766576.48	0.21087
363241.42	3766576.48	0.23544	363261.42	3766576.48	0.26502
363496.24	3766680.55	0.84013	363496.29	3766713.80	0.75962
363721.42	3766576.48	3.01899	363741.42	3766576.48	2.38246
363781.42	3766576.48	1.59692	363801.42	3766576.48	1.33923
363201.42	3766596.48	0.18557	363221.42	3766596.48	0.20314
363241.42	3766596.48	0.22538	363281.42	3766596.48	0.27994
363301.42	3766596.48	0.31474	363321.42	3766596.48	0.35345
363575.20	3766590.38	4.37617	363592.94	3766607.09	4.48623
363763.73	3766588.02	2.16176	363781.42	3766596.48	1.99002
363181.42	3766616.48	0.16606	363201.42	3766616.48	0.18045
363221.42	3766616.48	0.19638	363261.42	3766616.48	0.23745
363281.42	3766616.48	0.26348	363301.42	3766616.48	0.29556
363321.42	3766616.48	0.33458	363341.42	3766616.48	0.37556
363544.61	3766623.39	1.83961	363561.42	3766616.48	2.42746
363510.36	3766688.48	0.91643	363901.42	3766616.48	0.85793
363921.42	3766616.48	0.74203	363161.42	3766636.48	0.14869
363181.42	3766636.48	0.16103	363201.42	3766636.48	0.17484
363241.42	3766636.48	0.20721	363261.42	3766636.48	0.22674
363281.42	3766636.48	0.24986	363301.42	3766636.48	0.27729
363321.42	3766636.48	0.31271	363341.42	3766636.48	0.35465
363526.20	3766643.12	1.30280	363541.42	3766636.48	1.58955
363561.42	3766636.48	1.97946	363881.42	3766636.48	1.18118
363901.42	3766636.48	1.00376	363141.42	3766656.48	0.13344
363161.42	3766656.48	0.14400	363181.42	3766656.48	0.15558
363221.42	3766656.48	0.18337	363241.42	3766656.48	0.19985
363261.42	3766656.48	0.21841	363281.42	3766656.48	0.23896
363301.42	3766656.48	0.26460	363321.42	3766656.48	0.29614

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363361.42	3766656.48	0.36921	363381.42	3766656.48	0.41997
363579.25	3766623.97	2.82226	363521.42	3766656.48	1.15257
363541.42	3766656.48	1.38951	363861.42	3766656.48	1.70053
363881.42	3766656.48	1.40987	363941.42	3766656.48	0.85896
363161.42	3766676.48	0.13893	363201.42	3766676.48	0.16231
363221.42	3766676.48	0.17603	363241.42	3766676.48	0.19162
363261.42	3766676.48	0.20916	363281.42	3766676.48	0.22927
363301.42	3766676.48	0.25231	363341.42	3766676.48	0.30853
363361.42	3766676.48	0.34251	363381.42	3766676.48	0.38787
363401.42	3766676.48	0.44266	363521.88	3766687.37	1.01290
363519.69	3766667.84	1.07295	363841.42	3766676.48	2.62347
363861.42	3766676.48	2.09401	363921.42	3766676.48	1.18434
363941.42	3766676.48	1.00223	363961.42	3766676.48	0.85518
363981.42	3766676.48	0.73469	364001.42	3766676.48	0.63498
363181.42	3766696.48	0.14416	363201.42	3766696.48	0.15618
363221.42	3766696.48	0.16927	363241.42	3766696.48	0.18360
363261.42	3766696.48	0.19957	363281.42	3766696.48	0.21851
363321.42	3766696.48	0.26416	363341.42	3766696.48	0.29154
363361.42	3766696.48	0.32399	363381.42	3766696.48	0.36395
363401.42	3766696.48	0.41107	363421.42	3766696.48	0.46944
363481.42	3766696.48	0.71044	363503.53	3766703.58	0.82739
363901.42	3766696.48	1.71294	363921.42	3766696.48	1.41516
363941.42	3766696.48	1.18217	363961.42	3766696.48	0.99712
363981.42	3766696.48	0.84789	364001.42	3766696.48	0.72599
363201.42	3766716.48	0.14973	363221.42	3766716.48	0.16190
363241.42	3766716.48	0.17530	363261.42	3766716.48	0.19066
363301.42	3766716.48	0.22844	363321.42	3766716.48	0.25115
363341.42	3766716.48	0.27714	363361.42	3766716.48	0.30713
363381.42	3766716.48	0.34257	363401.42	3766716.48	0.38553
363421.42	3766716.48	0.43758	363881.42	3766716.48	2.67782
363901.42	3766716.48	2.12325	363921.42	3766716.48	1.71831
363941.42	3766716.48	1.41233	363961.42	3766716.48	1.17475
363981.42	3766716.48	0.98651	364021.42	3766716.48	0.71402
364041.42	3766716.48	0.61443	363221.42	3766736.48	0.15399
363241.42	3766736.48	0.16687	363281.42	3766736.48	0.19827
363301.42	3766736.48	0.21701	363321.42	3766736.48	0.23809
363341.42	3766736.48	0.26253	363361.42	3766736.48	0.29092
363381.42	3766736.48	0.32437	363401.42	3766736.48	0.36395
363441.42	3766736.48	0.46848	363461.42	3766736.48	0.54076
363881.42	3766736.48	3.51406	363901.42	3766736.48	2.69672

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363921.42	3766736.48	2.12749	363941.42	3766736.48	1.71312
363961.42	3766736.48	1.40035	364001.42	3766736.48	0.96767
364021.42	3766736.48	0.81865	364041.42	3766736.48	0.69732
364061.42	3766736.48	0.59890	363301.42	3766756.48	0.20565
363321.42	3766756.48	0.22560	363341.42	3766756.48	0.24840
363361.42	3766756.48	0.27443	363381.42	3766756.48	0.30712
363421.42	3766756.48	0.38743	363441.42	3766756.48	0.44021
363461.42	3766756.48	0.51309	363481.42	3766756.48	0.61470
363701.42	3766756.48	12.51621 Offsite Res Receptor	363721.42	3766756.48	9.51356
363901.42	3766756.48	3.53051	363921.42	3766756.48	2.69731
363941.42	3766756.48	2.11529	363981.42	3766756.48	1.37425
364001.42	3766756.48	1.12388	364021.42	3766756.48	0.93886
364041.42	3766756.48	0.79329	364061.42	3766756.48	0.67564
364081.42	3766756.48	0.58081	363321.42	3766776.48	0.21319
363341.42	3766776.48	0.23464	363361.42	3766776.48	0.25950
363401.42	3766776.48	0.32440	363421.42	3766776.48	0.36588
363441.42	3766776.48	0.41684	363461.42	3766776.48	0.48535
363481.42	3766776.48	0.57609	363501.42	3766776.48	0.69049
363681.42	3766776.48	12.07400	363701.42	3766776.48	8.73172
363721.42	3766776.48	7.10915	363741.42	3766776.48	6.39714
363921.42	3766776.48	3.52625	363961.42	3766776.48	2.07817
363981.42	3766776.48	1.64874	364001.42	3766776.48	1.32821
364021.42	3766776.48	1.08878	364041.42	3766776.48	0.90615
364061.42	3766776.48	0.76408	364081.42	3766776.48	0.65261
363341.42	3766796.48	0.22112	363381.42	3766796.48	0.27170
363401.42	3766796.48	0.30443	363421.42	3766796.48	0.34428
363441.42	3766796.48	0.39322	363461.42	3766796.48	0.45626
363481.42	3766796.48	0.53520	363521.42	3766796.48	0.80437
363661.42	3766796.48	11.77669	363681.42	3766796.48	8.25374
363701.42	3766796.48	6.48274	363721.42	3766796.48	5.52073
363741.42	3766796.48	5.06609	363761.42	3766796.48	5.03548
363941.42	3766796.48	3.48008	363961.42	3766796.48	2.60706
363981.42	3766796.48	2.00696	364001.42	3766796.48	1.58198
364021.42	3766796.48	1.26838	364041.42	3766796.48	1.03936
364061.42	3766796.48	0.86794	363361.42	3766816.48	0.22869
363381.42	3766816.48	0.25490	363401.42	3766816.48	0.28533
363421.42	3766816.48	0.32140	363441.42	3766816.48	0.36553
363461.42	3766816.48	0.42280	363501.42	3766816.48	0.59518
363521.42	3766816.48	0.73848	363541.42	3766816.48	0.97083
363561.42	3766816.48	1.36872	363641.42	3766816.48	7.81073

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363661.42	3766816.48	7.80579	363681.42	3766816.48	6.01767
363701.42	3766816.48	4.98971	363721.42	3766816.48	4.40279
363741.42	3766816.48	4.11199	363921.42	3766816.48	7.10423
363941.42	3766816.48	4.75908	363961.42	3766816.48	3.37166
363981.42	3766816.48	2.48569	364001.42	3766816.48	1.89442
364021.42	3766816.48	1.48539	364041.42	3766816.48	1.19689
363201.42	3766836.48	0.11097	363341.42	3766836.48	0.19483
363361.42	3766836.48	0.21358	363381.42	3766836.48	0.23719
363401.42	3766836.48	0.26543	363421.42	3766836.48	0.29875
363441.42	3766836.48	0.33876	363481.42	3766836.48	0.45463
363501.42	3766836.48	0.54258	363521.42	3766836.48	0.67045
363541.42	3766836.48	0.86740	363561.42	3766836.48	1.20460
363581.42	3766836.48	1.93870	363621.42	3766836.48	4.36593
363641.42	3766836.48	6.66612	363661.42	3766836.48	5.34914
363681.42	3766836.48	4.46577	363701.42	3766836.48	3.89901
363721.42	3766836.48	3.55293	363941.42	3766836.48	7.03175
363961.42	3766836.48	4.56981	363981.42	3766836.48	3.15630
364001.42	3766836.48	2.29839	364021.42	3766836.48	1.75066
363181.42	3766856.48	0.09831	363201.42	3766856.48	0.10522
363221.42	3766856.48	0.11305	363341.42	3766856.48	0.18261
363361.42	3766856.48	0.19972	363381.42	3766856.48	0.21957
363401.42	3766856.48	0.24505	363421.42	3766856.48	0.27620
363461.42	3766856.48	0.35497	363481.42	3766856.48	0.41111
363501.42	3766856.48	0.48814	363521.42	3766856.48	0.59443
363541.42	3766856.48	0.74270	363561.42	3766856.48	0.97665
363641.42	3766856.48	3.63565	363661.42	3766856.48	3.52852
363681.42	3766856.48	3.26512	363701.42	3766856.48	3.02935
363741.42	3766856.48	2.76470	363881.42	3766856.48	7.85671
363901.42	3766856.48	11.02803	363941.42	3766856.48	11.80052
363961.42	3766856.48	6.66922	363981.42	3766856.48	4.14385
364001.42	3766856.48	2.82149	363161.42	3766876.48	0.08779
363181.42	3766876.48	0.09345	363201.42	3766876.48	0.10007
363221.42	3766876.48	0.10719	363241.42	3766876.48	0.11501
363361.42	3766876.48	0.18676	363381.42	3766876.48	0.20437
363401.42	3766876.48	0.22669	363441.42	3766876.48	0.28452
363461.42	3766876.48	0.32169	363481.42	3766876.48	0.37058
363501.42	3766876.48	0.43247	363521.42	3766876.48	0.51178
363541.42	3766876.48	0.61920	363542.10	3766801.85	1.03382
363601.42	3766876.48	1.25720	363620.33	3766880.60	1.49090
363661.42	3766876.48	2.30173	363681.42	3766876.48	2.34913

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363721.42	3766876.48	2.28280	363741.42	3766876.48	2.26217
363761.42	3766876.48	2.27684	363801.42	3766876.48	2.50475
363881.42	3766876.48	5.05598	363901.42	3766876.48	7.33807
363921.42	3766876.48	12.41727	363961.42	3766876.48	10.91007
363981.42	3766876.48	5.59897	363141.42	3766896.48	0.07873
363161.42	3766896.48	0.08342	363181.42	3766896.48	0.08877
363201.42	3766896.48	0.09485	363221.42	3766896.48	0.10148
363241.42	3766896.48	0.10862	363381.42	3766896.48	0.18997
363461.42	3766896.48	0.28980	363481.42	3766896.48	0.33033
363501.42	3766896.48	0.37906	363521.42	3766896.48	0.44056
363581.42	3766896.48	0.73478	363601.42	3766896.48	0.89093
363623.37	3766901.69	1.03300	363641.42	3766896.48	1.35333
363701.42	3766896.48	1.77240	363721.42	3766896.48	1.81043
363761.42	3766896.48	1.88223	363781.42	3766896.48	1.95232
363801.42	3766896.48	2.06365	363821.42	3766896.48	2.22517
363861.42	3766896.48	2.89274	363881.42	3766896.48	3.53243
363901.42	3766896.48	4.59632	363141.42	3766916.48	0.07491
363161.42	3766916.48	0.07926	363181.42	3766916.48	0.08427
363201.42	3766916.48	0.08948	363221.42	3766916.48	0.09587
363261.42	3766916.48	0.10909	363281.42	3766916.48	0.11742
363481.42	3766916.48	0.29236	363501.42	3766916.48	0.33196
363594.01	3766905.63	0.73125	363621.42	3766916.48	0.81356
363641.42	3766916.48	0.96648	363649.26	3766910.18	1.13734
363721.42	3766916.48	1.43566	363741.42	3766916.48	1.49276
363761.42	3766916.48	1.55283	363781.42	3766916.48	1.62182
363801.42	3766916.48	1.70844	363841.42	3766916.48	1.99372
363861.42	3766916.48	2.24061	363881.42	3766916.48	2.59551
363901.42	3766916.48	3.11190	363921.42	3766916.48	3.90617
363141.42	3766936.48	0.07148	363161.42	3766936.48	0.07553
363181.42	3766936.48	0.08003	363201.42	3766936.48	0.08516
363241.42	3766936.48	0.09663	363261.42	3766936.48	0.10273
363281.42	3766936.48	0.11040	363301.42	3766936.48	0.11859
363321.42	3766936.48	0.12772	363601.42	3766936.48	0.56186
363621.42	3766936.48	0.63412	363641.42	3766936.48	0.73756
363681.42	3766936.48	0.96533	363741.42	3766936.48	1.21279
363761.42	3766936.48	1.27870	363781.42	3766936.48	1.34635
363821.42	3766936.48	1.50572	363841.42	3766936.48	1.61952
363861.42	3766936.48	1.77169	363881.42	3766936.48	1.97261
363901.42	3766936.48	2.23126	363921.42	3766936.48	2.58857
363141.42	3766956.48	0.06823	363161.42	3766956.48	0.07197

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363181.42	3766956.48	0.07607	363221.42	3766956.48	0.08588
363241.42	3766956.48	0.09110	363261.42	3766956.48	0.09693
363281.42	3766956.48	0.10387	363301.42	3766956.48	0.11129
363321.42	3766956.48	0.11943	363574.47	3766955.39	0.38948
363601.42	3766956.48	0.45792	363582.34	3766938.24	0.48442
363661.42	3766956.48	0.67141	363681.42	3766956.48	0.76063
363701.42	3766956.48	0.84603	363761.42	3766956.48	1.05694
363801.42	3766956.48	1.17981	363821.42	3766956.48	1.25133
363841.42	3766956.48	1.33357	363861.42	3766956.48	1.43274
363881.42	3766956.48	1.55369	363901.42	3766956.48	1.70020
363161.42	3766976.48	0.06848	363201.42	3766976.48	0.07659
363221.42	3766976.48	0.08108	363241.42	3766976.48	0.08607
363261.42	3766976.48	0.09175	363281.42	3766976.48	0.09785
363301.42	3766976.48	0.10451	363341.42	3766976.48	0.12008
363361.42	3766976.48	0.12891	363561.42	3766976.48	0.30520
363581.42	3766976.48	0.33710	363589.05	3766966.93	0.38358
363641.42	3766976.48	0.47506	363661.42	3766976.48	0.54193
363681.42	3766976.48	0.61380	363701.42	3766976.48	0.68517
363721.42	3766976.48	0.75127	363781.42	3766976.48	0.93194
363801.42	3766976.48	0.98400	363821.42	3766976.48	1.04601
363841.42	3766976.48	1.10896	363861.42	3766976.48	1.17765
363881.42	3766976.48	1.25630	363181.42	3766996.48	0.06877
363201.42	3766996.48	0.07263	363221.42	3766996.48	0.07686
363241.42	3766996.48	0.08148	363261.42	3766996.48	0.08650
363281.42	3766996.48	0.09204	363301.42	3766996.48	0.09805
363321.42	3766996.48	0.10450	363341.42	3766996.48	0.11152
363361.42	3766996.48	0.11948	363381.42	3766996.48	0.12821
363574.26	3766988.66	0.29713	363621.42	3766996.48	0.35443
363641.42	3766996.48	0.39667	363661.42	3766996.48	0.44774
363681.42	3766996.48	0.50381	363701.42	3766996.48	0.56176
363721.42	3766996.48	0.62216	363801.42	3766996.48	0.82658
363821.42	3766996.48	0.87986	363841.42	3766996.48	0.92952
363861.42	3766996.48	0.97982	363181.42	3767016.48	0.06527
363201.42	3767016.48	0.06894	363221.42	3767016.48	0.07290
363241.42	3767016.48	0.07711	363261.42	3767016.48	0.08155
363281.42	3767016.48	0.08655	363321.42	3767016.48	0.09764
363341.42	3767016.48	0.10380	363361.42	3767016.48	0.11095
363381.42	3767016.48	0.11861	363401.42	3767016.48	0.12734
363601.42	3767016.48	0.27450	363621.42	3767016.48	0.30467
363641.42	3767016.48	0.33770	363661.42	3767016.48	0.37648

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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	
363681.42	3767016.48	0.41967		363701.42	3767016.48	0.46792	
363741.42	3767016.48	0.56344		363761.42	3767016.48	0.61024	
363821.42	3767016.48	0.74229		363841.42	3767016.48	0.78255	
363201.42	3767036.48	0.06551		363221.42	3767036.48	0.06906	
363241.42	3767036.48	0.07285		363261.42	3767036.48	0.07713	
363301.42	3767036.48	0.08618		363321.42	3767036.48	0.09142	
363341.42	3767036.48	0.09711		363361.42	3767036.48	0.10329	
363381.42	3767036.48	0.11098		363601.42	3767036.48	0.23647	
363621.42	3767036.48	0.26565		363641.42	3767036.48	0.29176	
363661.42	3767036.48	0.32224		363681.42	3767036.48	0.35616	
363721.42	3767036.48	0.43233		363741.42	3767036.48	0.47246	
363761.42	3767036.48	0.51061		363781.42	3767036.48	0.55119	
363221.42	3767056.48	0.06549		363241.42	3767056.48	0.06900	
363281.42	3767056.48	0.07668		363301.42	3767056.48	0.08105	
363321.42	3767056.48	0.08578		363341.42	3767056.48	0.09084	
363361.42	3767056.48	0.09633		363641.42	3767056.48	0.25236	
363661.42	3767056.48	0.27718		363701.42	3767056.48	0.33252	
363721.42	3767056.48	0.36389		363741.42	3767056.48	0.39583	
363761.42	3767056.48	0.42933		363261.42	3767076.48	0.06862	
363281.42	3767076.48	0.07230		363301.42	3767076.48	0.07631	
363321.42	3767076.48	0.08058		363341.42	3767076.48	0.08511	
363681.42	3767076.48	0.26173		363701.42	3767076.48	0.28414	
363721.42	3767076.48	0.31103		363741.42	3767076.48	0.33791	
363486.88	3766687.33	0.76254		363539.08	3766668.74	1.27319	
363638.39	3766651.82	4.75755		363651.72	3766665.60	4.90813	
363665.95	3766678.48	5.39371		363625.29	3766666.51	3.29730	
363608.12	3766683.45	2.39474	Onsite Res MER	363624.16	3766701.07	2.73916	
363639.29	3766715.07	3.39044		363702.70	3766703.29	10.01622	
363653.18	3766723.52	4.41844		363667.04	3766730.70	6.26097	
363654.21	3766699.39	4.09321		363667.04	3766709.66	5.11076	
363678.84	3766720.18	7.01760		363637.26	3766737.12	3.77761	Onsite Student MER
363652.66	3766746.10	5.76682		363680.90	3766690.15	6.40041	
363573.61	3766661.40	1.86862		363562.32	3766670.90	1.57476	
363551.80	3766680.40	1.35943		363542.56	3766689.89	1.20431	
363531.01	3766701.96	1.04784		363521.00	3766712.48	0.93504	
363510.47	3766724.80	0.83081		363660.88	3766754.83	8.52383	
363676.79	3766740.71	9.72227		363687.83	3766729.68	10.40627	
363635.21	3766684.76	3.29749					

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
*** 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
363781.42	3766476.48	0.12307	363801.42	3766476.48	0.10692
363761.42	3766496.48	0.15217	363781.42	3766496.48	0.12992
363801.42	3766496.48	0.11246	363741.42	3766516.48	0.19362
363761.42	3766516.48	0.16230	363781.42	3766516.48	0.13786
363841.42	3766516.48	0.09244	363261.42	3766536.48	0.52450
363721.42	3766536.48	0.25515	363741.42	3766536.48	0.20877
363761.42	3766536.48	0.17421	363781.42	3766536.48	0.14804
363821.42	3766536.48	0.11213	363841.42	3766536.48	0.09921
363241.42	3766556.48	0.48808	363261.42	3766556.48	0.54079
363281.42	3766556.48	0.60043	363701.42	3766556.48	0.35339
363721.42	3766556.48	0.28016	363741.42	3766556.48	0.22820
363761.42	3766556.48	0.19052	363801.42	3766556.48	0.14069
363821.42	3766556.48	0.12342	363221.42	3766576.48	0.44535
363241.42	3766576.48	0.49553	363261.42	3766576.48	0.55275
363496.24	3766680.55	6.57591	363496.29	3766713.80	8.99183
363721.42	3766576.48	0.31763	363741.42	3766576.48	0.25988
363781.42	3766576.48	0.18687	363801.42	3766576.48	0.16216
363201.42	3766596.48	0.39970	363221.42	3766596.48	0.44535
363241.42	3766596.48	0.49842	363281.42	3766596.48	0.63098
363301.42	3766596.48	0.71445	363321.42	3766596.48	0.81212
363575.20	3766590.38	3.57859	363592.94	3766607.09	5.53338
363763.73	3766588.02	0.24140	363781.42	3766596.48	0.23450
363181.42	3766616.48	0.35469	363201.42	3766616.48	0.39443
363221.42	3766616.48	0.44134	363261.42	3766616.48	0.56028
363281.42	3766616.48	0.63592	363301.42	3766616.48	0.72633
363321.42	3766616.48	0.83355	363341.42	3766616.48	0.96188
363544.61	3766623.39	5.92130	363561.42	3766616.48	6.20849
363510.36	3766688.48	9.15160	363901.42	3766616.48	0.13532
363921.42	3766616.48	0.12030	363161.42	3766636.48	0.31158
363181.42	3766636.48	0.34598	363201.42	3766636.48	0.38590
363241.42	3766636.48	0.48842	363261.42	3766636.48	0.55363
363281.42	3766636.48	0.63250	363301.42	3766636.48	0.72763
363321.42	3766636.48	0.84374	363341.42	3766636.48	0.98389
363526.20	3766643.12	6.35552	363541.42	3766636.48	7.02325
363561.42	3766636.48	9.48104	363881.42	3766636.48	0.20220
363901.42	3766636.48	0.17564	363141.42	3766656.48	0.27228
363161.42	3766656.48	0.30127	363181.42	3766656.48	0.33502
363221.42	3766656.48	0.42093	363241.42	3766656.48	0.47576
363261.42	3766656.48	0.54133	363281.42	3766656.48	0.62133
363301.42	3766656.48	0.72005	363321.42	3766656.48	0.84038

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
*** 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
363361.42	3766656.48	1.17642	363381.42	3766656.48	1.41493
363579.25	3766623.97	8.99187	363521.42	3766656.48	7.12221
363541.42	3766656.48	9.38497	363861.42	3766656.48	0.32270
363881.42	3766656.48	0.27248	363941.42	3766656.48	0.17489
363161.42	3766676.48	0.28923	363201.42	3766676.48	0.36036
363221.42	3766676.48	0.40518	363241.42	3766676.48	0.45862
363261.42	3766676.48	0.52310	363281.42	3766676.48	0.60211
363301.42	3766676.48	0.70184	363341.42	3766676.48	0.97304
363361.42	3766676.48	1.16634	363381.42	3766676.48	1.42331
363401.42	3766676.48	1.76483	363521.88	3766687.37	11.06040
363519.69	3766667.84	8.08389	363841.42	3766676.48	0.53819
363861.42	3766676.48	0.44142	363921.42	3766676.48	0.26370
363941.42	3766676.48	0.22681	363961.42	3766676.48	0.19675
363981.42	3766676.48	0.17199	364001.42	3766676.48	0.15138
363181.42	3766696.48	0.30696	363201.42	3766696.48	0.34450
363221.42	3766696.48	0.38776	363241.42	3766696.48	0.43816
363261.42	3766696.48	0.49874	363281.42	3766696.48	0.57500
363321.42	3766696.48	0.78850	363341.42	3766696.48	0.93735
363361.42	3766696.48	1.13236	363381.42	3766696.48	1.39411
363401.42	3766696.48	1.74970	363421.42	3766696.48	2.25044
363481.42	3766696.48	5.80360	363503.53	3766703.58	9.65164
363901.42	3766696.48	0.40701	363921.42	3766696.48	0.34344
363941.42	3766696.48	0.29261	363961.42	3766696.48	0.25152
363981.42	3766696.48	0.21791	364001.42	3766696.48	0.19017
363201.42	3766716.48	0.32565	363221.42	3766716.48	0.36569
363241.42	3766716.48	0.41309	363261.42	3766716.48	0.47071
363301.42	3766716.48	0.63215	363321.42	3766716.48	0.74298
363341.42	3766716.48	0.88485	363361.42	3766716.48	1.07158
363381.42	3766716.48	1.32323	363401.42	3766716.48	1.67295
363421.42	3766716.48	2.17600	363881.42	3766716.48	0.63158
363901.42	3766716.48	0.52425	363921.42	3766716.48	0.43970
363941.42	3766716.48	0.37227	363961.42	3766716.48	0.31791
363981.42	3766716.48	0.27363	364021.42	3766716.48	0.20719
364041.42	3766716.48	0.18189	363221.42	3766736.48	0.32505
363241.42	3766736.48	0.36794	363281.42	3766736.48	0.50633
363301.42	3766736.48	0.58718	363321.42	3766736.48	0.68872
363341.42	3766736.48	0.81873	363361.42	3766736.48	0.98896
363381.42	3766736.48	1.21916	363401.42	3766736.48	1.54146
363441.42	3766736.48	2.71297	363461.42	3766736.48	3.89652
363881.42	3766736.48	0.79363	363901.42	3766736.48	0.65762

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITE ***
INCLUDING SOURCE(S): 1 ,
*** 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
363921.42	3766736.48	0.55015		363941.42	3766736.48	0.46428
363961.42	3766736.48	0.39500		364001.42	3766736.48	0.29223
364021.42	3766736.48	0.25405		364041.42	3766736.48	0.22204
364061.42	3766736.48	0.19516		363301.42	3766756.48	0.53887
363321.42	3766756.48	0.62948		363341.42	3766756.48	0.74382
363361.42	3766756.48	0.89156		363381.42	3766756.48	1.09617
363421.42	3766756.48	1.75903		363441.42	3766756.48	2.34160
363461.42	3766756.48	3.32789		363481.42	3766756.48	5.14907
363701.42	3766756.48	8.51289	Offsite Res Receptor	363721.42	3766756.48	6.29661
363901.42	3766756.48	0.80139		363921.42	3766756.48	0.67058
363941.42	3766756.48	0.56566		363981.42	3766756.48	0.41128
364001.42	3766756.48	0.35404		364021.42	3766756.48	0.30691
364041.42	3766756.48	0.26760		364061.42	3766756.48	0.23452
364081.42	3766756.48	0.20657		363321.42	3766776.48	0.56761
363341.42	3766776.48	0.66613		363361.42	3766776.48	0.79249
363401.42	3766776.48	1.18417		363421.42	3766776.48	1.49240
363441.42	3766776.48	1.93973		363461.42	3766776.48	2.64918
363481.42	3766776.48	3.83626		363501.42	3766776.48	5.98992
363681.42	3766776.48	11.96744		363701.42	3766776.48	8.88394
363721.42	3766776.48	6.73583		363741.42	3766776.48	5.19182
363921.42	3766776.48	0.79528		363961.42	3766776.48	0.57175
363981.42	3766776.48	0.48936		364001.42	3766776.48	0.42133
364021.42	3766776.48	0.36488		364041.42	3766776.48	0.31770
364061.42	3766776.48	0.27801		364081.42	3766776.48	0.24448
363341.42	3766796.48	0.58975		363381.42	3766796.48	0.82635
363401.42	3766796.48	1.00081		363421.42	3766796.48	1.23596
363441.42	3766796.48	1.56172		363461.42	3766796.48	2.03373
363481.42	3766796.48	2.72591		363521.42	3766796.48	6.09260
363661.42	3766796.48	14.29595		363681.42	3766796.48	11.09609
363701.42	3766796.48	8.64230		363721.42	3766796.48	6.78590
363741.42	3766796.48	5.37434		363761.42	3766796.48	4.29071
363941.42	3766796.48	0.77839		363961.42	3766796.48	0.66414
363981.42	3766796.48	0.56982		364001.42	3766796.48	0.49156
364021.42	3766796.48	0.42588		364041.42	3766796.48	0.37091
364061.42	3766796.48	0.32461		363361.42	3766816.48	0.58341
363381.42	3766816.48	0.70521		363401.42	3766816.48	0.83799
363421.42	3766816.48	1.00750		363441.42	3766816.48	1.22953
363461.42	3766816.48	1.53613		363501.42	3766816.48	2.58688
363521.42	3766816.48	3.61836		363541.42	3766816.48	5.59281
363561.42	3766816.48	9.03952		363641.42	3766816.48	13.58369

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

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

*** 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
363661.42	3766816.48	11.56068	363681.42	3766816.48	9.61413
363701.42	3766816.48	7.90079	363721.42	3766816.48	6.46406
363741.42	3766816.48	5.28866	363921.42	3766816.48	1.03000
363941.42	3766816.48	0.87877	363961.42	3766816.48	0.75339
363981.42	3766816.48	0.64906	364001.42	3766816.48	0.56183
364021.42	3766816.48	0.48763	364041.42	3766816.48	0.42547
363201.42	3766836.48	0.19881	363341.42	3766836.48	0.44032
363361.42	3766836.48	0.50365	363381.42	3766836.48	0.58468
363401.42	3766836.48	0.69628	363421.42	3766836.48	0.81952
363441.42	3766836.48	0.97339	363481.42	3766836.48	1.43944
363501.42	3766836.48	1.81527	363521.42	3766836.48	2.39406
363541.42	3766836.48	3.36278	363561.42	3766836.48	4.94825
363581.42	3766836.48	7.26598	363621.42	3766836.48	9.91982
363641.42	3766836.48	9.68944	363661.42	3766836.48	8.92789
363681.42	3766836.48	7.92499	363701.42	3766836.48	6.87037
363721.42	3766836.48	5.87155	363941.42	3766836.48	0.96783
363961.42	3766836.48	0.83490	363981.42	3766836.48	0.72294
364001.42	3766836.48	0.62829	364021.42	3766836.48	0.54777
363181.42	3766856.48	0.16761	363201.42	3766856.48	0.18323
363221.42	3766856.48	0.20132	363341.42	3766856.48	0.38513
363361.42	3766856.48	0.43512	363381.42	3766856.48	0.49428
363401.42	3766856.48	0.56959	363421.42	3766856.48	0.66904
363461.42	3766856.48	0.91044	363481.42	3766856.48	1.08449
363501.42	3766856.48	1.33130	363521.42	3766856.48	1.69429
363541.42	3766856.48	2.23576	363561.42	3766856.48	3.09604
363641.42	3766856.48	6.82063	363661.42	3766856.48	6.71569
363681.42	3766856.48	6.31797	363701.42	3766856.48	5.75798
363741.42	3766856.48	4.51123	363881.42	3766856.48	1.60933
363901.42	3766856.48	1.38891	363941.42	3766856.48	1.04092
363961.42	3766856.48	0.90459	363981.42	3766856.48	0.78829
364001.42	3766856.48	0.68885	363161.42	3766876.48	0.14306
363181.42	3766876.48	0.15496	363201.42	3766876.48	0.16888
363221.42	3766876.48	0.18439	363241.42	3766876.48	0.20193
363361.42	3766876.48	0.37606	363381.42	3766876.48	0.42110
363401.42	3766876.48	0.47701	363441.42	3766876.48	0.62715
363461.42	3766876.48	0.72067	363481.42	3766876.48	0.84495
363501.42	3766876.48	1.00942	363521.42	3766876.48	1.24061
363541.42	3766876.48	1.58710	363542.10	3766801.85	9.10938
363601.42	3766876.48	3.63988	363620.33	3766880.60	4.03966
363661.42	3766876.48	5.00230	363681.42	3766876.48	4.93938

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

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

*** 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
363721.42	3766876.48	4.36280	363741.42	3766876.48	3.96820
363761.42	3766876.48	3.55895	363801.42	3766876.48	2.79126
363881.42	3766876.48	1.63890	363901.42	3766876.48	1.43156
363921.42	3766876.48	1.25116	363961.42	3766876.48	0.95928
363981.42	3766876.48	0.84221	363141.42	3766896.48	0.12315
363161.42	3766896.48	0.13235	363181.42	3766896.48	0.14288
363201.42	3766896.48	0.15492	363221.42	3766896.48	0.16836
363241.42	3766896.48	0.18324	363381.42	3766896.48	0.35984
363461.42	3766896.48	0.58190	363481.42	3766896.48	0.67105
363501.42	3766896.48	0.78752	363521.42	3766896.48	0.94927
363581.42	3766896.48	1.95687	363601.42	3766896.48	2.49906
363623.37	3766901.69	2.84904	363641.42	3766896.48	3.47839
363701.42	3766896.48	3.78522	363721.42	3766896.48	3.63449
363761.42	3766896.48	3.15045	363781.42	3766896.48	2.87217
363801.42	3766896.48	2.59326	363821.42	3766896.48	2.32335
363861.42	3766896.48	1.84104	363881.42	3766896.48	1.63166
363901.42	3766896.48	1.44324	363141.42	3766916.48	0.11412
363161.42	3766916.48	0.12218	363181.42	3766916.48	0.13142
363201.42	3766916.48	0.14136	363221.42	3766916.48	0.15323
363261.42	3766916.48	0.17926	363281.42	3766916.48	0.19536
363481.42	3766916.48	0.53878	363501.42	3766916.48	0.62998
363594.01	3766905.63	1.95991	363621.42	3766916.48	2.19953
363641.42	3766916.48	2.55434	363649.26	3766910.18	2.92571
363721.42	3766916.48	2.99065	363741.42	3766916.48	2.88804
363761.42	3766916.48	2.73854	363781.42	3766916.48	2.55769
363801.42	3766916.48	2.36005	363841.42	3766916.48	1.95856
363861.42	3766916.48	1.76898	363881.42	3766916.48	1.59092
363901.42	3766916.48	1.42557	363921.42	3766916.48	1.27507
363141.42	3766936.48	0.10577	363161.42	3766936.48	0.11286
363181.42	3766936.48	0.12078	363201.42	3766936.48	0.12974
363241.42	3766936.48	0.15019	363261.42	3766936.48	0.16144
363281.42	3766936.48	0.17495	363301.42	3766936.48	0.18949
363321.42	3766936.48	0.20554	363601.42	3766936.48	1.36861
363621.42	3766936.48	1.62294	363641.42	3766936.48	1.90057
363681.42	3766936.48	2.31076	363741.42	3766936.48	2.41936
363761.42	3766936.48	2.34869	363781.42	3766936.48	2.24301
363821.42	3766936.48	1.96812	363841.42	3766936.48	1.81815
363861.42	3766936.48	1.66833	363881.42	3766936.48	1.52219
363901.42	3766936.48	1.38225	363921.42	3766936.48	1.25204
363141.42	3766956.48	0.09798	363161.42	3766956.48	0.10420

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	** CONC OF OTHER IN MICROGRAMS/M**3 CONC	X-COORD (M)	Y-COORD (M)	** CONC
363181.42	3766956.48	0.11103	363221.42	3766956.48	0.12721
363241.42	3766956.48	0.13603	363261.42	3766956.48	0.14580
363281.42	3766956.48	0.15703	363301.42	3766956.48	0.16904
363321.42	3766956.48	0.18209	363574.47	3766955.39	0.80497
363601.42	3766956.48	1.03886	363582.34	3766938.24	1.09347
363661.42	3766956.48	1.64320	363681.42	3766956.48	1.81554
363701.42	3766956.48	1.92838	363761.42	3766956.48	1.99742
363801.42	3766956.48	1.86645	363821.42	3766956.48	1.77091
363841.42	3766956.48	1.66351	363861.42	3766956.48	1.54999
363881.42	3766956.48	1.43455	363901.42	3766956.48	1.32041
363161.42	3766976.48	0.09611	363201.42	3766976.48	0.10881
363221.42	3766976.48	0.11586	363241.42	3766976.48	0.12361
363261.42	3766976.48	0.13222	363281.42	3766976.48	0.14140
363301.42	3766976.48	0.15132	363341.42	3766976.48	0.17397
363361.42	3766976.48	0.18678	363561.42	3766976.48	0.56472
363581.42	3766976.48	0.67109	363589.05	3766966.93	0.80711
363641.42	3766976.48	1.11471	363661.42	3766976.48	1.27712
363681.42	3766976.48	1.42772	363701.42	3766976.48	1.55097
363721.42	3766976.48	1.63014	363781.42	3766976.48	1.67380
363801.42	3766976.48	1.63310	363821.42	3766976.48	1.57625
363841.42	3766976.48	1.50399	363861.42	3766976.48	1.42181
363881.42	3766976.48	1.33411	363181.42	3766996.48	0.09411
363201.42	3766996.48	0.09984	363221.42	3766996.48	0.10604
363241.42	3766996.48	0.11270	363261.42	3766996.48	0.11985
363281.42	3766996.48	0.12757	363301.42	3766996.48	0.13583
363321.42	3766996.48	0.14464	363341.42	3766996.48	0.15417
363361.42	3766996.48	0.16486	363381.42	3766996.48	0.17675
363574.26	3766988.66	0.55624	363621.42	3766996.48	0.75572
363641.42	3766996.48	0.88136	363661.42	3766996.48	1.01193
363681.42	3766996.48	1.13464	363701.42	3766996.48	1.24335
363721.42	3766996.48	1.33738	363801.42	3766996.48	1.42033
363821.42	3766996.48	1.39168	363841.42	3766996.48	1.34685
363861.42	3766996.48	1.29054	363181.42	3767016.48	0.08676
363201.42	3767016.48	0.09186	363221.42	3767016.48	0.09728
363241.42	3767016.48	0.10297	363261.42	3767016.48	0.10893
363281.42	3767016.48	0.11541	363321.42	3767016.48	0.12959
363341.42	3767016.48	0.13744	363361.42	3767016.48	0.14644
363381.42	3767016.48	0.15636	363401.42	3767016.48	0.16794
363601.42	3767016.48	0.52339	363621.42	3767016.48	0.61306
363641.42	3767016.48	0.71049	363661.42	3767016.48	0.81407

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

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

*** 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	
363681.42	3767016.48	0.91505		363701.42	3767016.48	1.00865	
363741.42	3767016.48	1.15480		363761.42	3767016.48	1.20107	
363821.42	3767016.48	1.22083		363841.42	3767016.48	1.19673	
363201.42	3767036.48	0.08475		363221.42	3767036.48	0.08937	
363241.42	3767036.48	0.09420		363261.42	3767036.48	0.09944	
363301.42	3767036.48	0.11046		363321.42	3767036.48	0.11667	
363341.42	3767036.48	0.12343		363361.42	3767036.48	0.13089	
363381.42	3767036.48	0.14002		363601.42	3767036.48	0.43114	
363621.42	3767036.48	0.50658		363641.42	3767036.48	0.58255	
363661.42	3767036.48	0.66434		363681.42	3767036.48	0.74778	
363721.42	3767036.48	0.89749		363741.42	3767036.48	0.95823	
363761.42	3767036.48	1.00521		363781.42	3767036.48	1.04041	
363221.42	3767056.48	0.08231		363241.42	3767056.48	0.08648	
363281.42	3767056.48	0.09536		363301.42	3767056.48	0.10025	
363321.42	3767056.48	0.10552		363341.42	3767056.48	0.11125	
363361.42	3767056.48	0.11761		363641.42	3767056.48	0.48204	
363661.42	3767056.48	0.54771		363701.42	3767056.48	0.68032	
363721.42	3767056.48	0.74317		363741.42	3767056.48	0.79869	
363761.42	3767056.48	0.84531		363261.42	3767076.48	0.08317	
363281.42	3767076.48	0.08709		363301.42	3767076.48	0.09129	
363321.42	3767076.48	0.09580		363341.42	3767076.48	0.10070	
363681.42	3767076.48	0.51157		363701.42	3767076.48	0.56572	
363721.42	3767076.48	0.62060		363741.42	3767076.48	0.67025	
363486.88	3766687.33	5.98988		363539.08	3766668.74	10.88603	
363638.39	3766651.82	19.88323		363651.72	3766665.60	15.33811	
363665.95	3766678.48	10.68798		363625.29	3766666.51	27.21374	
363608.12	3766683.45	29.57611	Onsite Res MER	363624.16	3766701.07	25.19869	
363639.29	3766715.07	22.38945		363702.70	3766703.29	5.76154	
363653.18	3766723.52	17.48492		363667.04	3766730.70	13.68753	
363654.21	3766699.39	14.08135		363667.04	3766709.66	11.65129	
363678.84	3766720.18	10.08474		363637.26	3766737.12	28.19331	Onsite Student MER
363652.66	3766746.10	20.40052		363680.90	3766690.15	7.97480	
363573.61	3766661.40	16.87298		363562.32	3766670.90	16.01116	
363551.80	3766680.40	16.13037		363542.56	3766689.89	16.52211	
363531.01	3766701.96	16.69020		363521.00	3766712.48	16.27881	
363510.47	3766724.80	14.83709		363660.88	3766754.83	17.39579	
363676.79	3766740.71	12.07373		363687.83	3766729.68	9.18953	
363635.21	3766684.76	20.77478					

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	12.51621	363701.42,	3766756.48,	48.53,	48.53,	0.00)	DC	
	2ND HIGHEST VALUE IS	12.41727	363921.42,	3766876.48,	49.82,	49.82,	0.00)	DC	
	3RD HIGHEST VALUE IS	12.07400	363681.42,	3766776.48,	49.01,	49.01,	0.00)	DC	
	4TH HIGHEST VALUE IS	11.80052	363941.42,	3766856.48,	49.67,	49.67,	0.00)	DC	
	5TH HIGHEST VALUE IS	11.77669	363661.42,	3766796.48,	49.88,	49.88,	0.00)	DC	
	6TH HIGHEST VALUE IS	11.02803	363901.42,	3766856.48,	49.27,	49.27,	0.00)	DC	
	7TH HIGHEST VALUE IS	10.91007	363961.42,	3766876.48,	50.20,	50.20,	0.00)	DC	
	8TH HIGHEST VALUE IS	10.40627	363687.83,	3766729.68,	48.45,	48.45,	0.00)	DC	
	9TH HIGHEST VALUE IS	10.01622	363702.70,	3766703.29,	48.45,	48.45,	0.00)	DC	
	10TH HIGHEST VALUE IS	9.72227	363676.79,	3766740.71,	48.60,	48.60,	0.00)	DC	
ONSITE	1ST HIGHEST VALUE IS	29.57611	363608.12,	3766683.45,	49.00,	49.00,	0.00)	DC	
	2ND HIGHEST VALUE IS	28.19331	363637.26,	3766737.12,	49.26,	49.26,	0.00)	DC	
	3RD HIGHEST VALUE IS	27.21374	363625.29,	3766666.51,	48.77,	48.77,	0.00)	DC	
	4TH HIGHEST VALUE IS	25.19869	363624.16,	3766701.07,	49.17,	49.17,	0.00)	DC	
	5TH HIGHEST VALUE IS	22.38945	363639.29,	3766715.07,	49.07,	49.07,	0.00)	DC	
	6TH HIGHEST VALUE IS	20.77478	363635.21,	3766684.76,	48.96,	48.96,	0.00)	DC	
	7TH HIGHEST VALUE IS	20.40052	363652.66,	3766746.10,	49.02,	49.02,	0.00)	DC	
	8TH HIGHEST VALUE IS	19.88323	363638.39,	3766651.82,	48.53,	48.53,	0.00)	DC	
	9TH HIGHEST VALUE IS	17.48492	363653.18,	3766723.52,	48.85,	48.85,	0.00)	DC	
	10TH HIGHEST VALUE IS	17.39579	363660.88,	3766754.83,	48.89,	48.89,	0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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   1065   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   1065   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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   68 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 Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes: 68 Source(s);   2 Source Group(s); and   557 Receptor(s)

               with: 0 POINT(s), including
                          0 POINTCAP(s) and   0 POINTHOR(s)
                and: 66 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 =      3.7 MB of RAM.

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

**Detailed Error/Message File:   SMM-07.err
**File for Summary of Results:   SMM-07.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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
L0000125	0	0.12571E-01	363614.0	3766828.6	51.5	4.15	5.51	3.26	YES	HRDOW
L0000126	0	0.12571E-01	363622.2	3766820.0	51.3	4.15	5.51	3.26	YES	HRDOW
L0000127	0	0.12571E-01	363630.3	3766811.3	50.9	4.15	5.51	3.26	YES	HRDOW
L0000128	0	0.12571E-01	363638.4	3766802.7	50.5	4.15	5.51	3.26	YES	HRDOW
L0000129	0	0.12571E-01	363646.5	3766794.1	50.0	4.15	5.51	3.26	YES	HRDOW
L0000130	0	0.12571E-01	363654.7	3766785.4	49.7	4.15	5.51	3.26	YES	HRDOW
L0000131	0	0.12571E-01	363662.8	3766776.8	49.4	4.15	5.51	3.26	YES	HRDOW
L0000132	0	0.12571E-01	363670.9	3766768.2	49.0	4.15	5.51	3.26	YES	HRDOW
L0000133	0	0.12571E-01	363679.0	3766759.6	48.7	4.15	5.51	3.26	YES	HRDOW
L0000134	0	0.12571E-01	363687.1	3766750.9	48.6	4.15	5.51	3.26	YES	HRDOW
L0000135	0	0.12571E-01	363695.3	3766742.3	48.5	4.15	5.51	3.26	YES	HRDOW
L0000136	0	0.12571E-01	363703.4	3766733.7	48.4	4.15	5.51	3.26	YES	HRDOW
L0000137	0	0.12571E-01	363711.5	3766725.0	48.2	4.15	5.51	3.26	YES	HRDOW
L0000138	0	0.12571E-01	363719.6	3766716.4	48.2	4.15	5.51	3.26	YES	HRDOW
L0000139	0	0.12571E-01	363727.8	3766707.8	48.2	4.15	5.51	3.26	YES	HRDOW
L0000140	0	0.12571E-01	363735.9	3766699.2	48.0	4.15	5.51	3.26	YES	HRDOW
L0000141	0	0.12571E-01	363744.0	3766690.5	47.8	4.15	5.51	3.26	YES	HRDOW
L0000142	0	0.12571E-01	363752.6	3766698.5	47.8	4.15	5.51	3.26	YES	HRDOW
L0000143	0	0.12571E-01	363761.2	3766706.6	47.9	4.15	5.51	3.26	YES	HRDOW
L0000144	0	0.12571E-01	363769.8	3766714.8	48.0	4.15	5.51	3.26	YES	HRDOW
L0000145	0	0.12571E-01	363778.4	3766722.9	48.1	4.15	5.51	3.26	YES	HRDOW
L0000146	0	0.12571E-01	363787.0	3766731.1	48.2	4.15	5.51	3.26	YES	HRDOW
L0000147	0	0.12571E-01	363795.6	3766739.2	48.2	4.15	5.51	3.26	YES	HRDOW
L0000148	0	0.12571E-01	363804.2	3766747.4	48.3	4.15	5.51	3.26	YES	HRDOW
L0000149	0	0.12571E-01	363812.8	3766755.5	48.4	4.15	5.51	3.26	YES	HRDOW
L0000150	0	0.12571E-01	363821.4	3766763.7	48.4	4.15	5.51	3.26	YES	HRDOW
L0000151	0	0.12571E-01	363830.0	3766771.8	48.4	4.15	5.51	3.26	YES	HRDOW
L0000152	0	0.12571E-01	363838.6	3766780.0	48.5	4.15	5.51	3.26	YES	HRDOW
L0000153	0	0.12571E-01	363847.2	3766788.2	48.6	4.15	5.51	3.26	YES	HRDOW
L0000154	0	0.12571E-01	363855.8	3766796.3	48.6	4.15	5.51	3.26	YES	HRDOW
L0000155	0	0.12571E-01	363864.4	3766804.5	48.6	4.15	5.51	3.26	YES	HRDOW
L0000156	0	0.12571E-01	363873.0	3766812.6	48.7	4.15	5.51	3.26	YES	HRDOW
L0000157	0	0.12571E-01	363881.6	3766820.8	48.7	4.15	5.51	3.26	YES	HRDOW
L0000158	0	0.12571E-01	363890.2	3766828.9	48.8	4.15	5.51	3.26	YES	HRDOW
L0000159	0	0.12571E-01	363898.8	3766837.1	48.9	4.15	5.51	3.26	YES	HRDOW
L0000160	0	0.12571E-01	363907.4	3766845.2	49.1	4.15	5.51	3.26	YES	HRDOW
L0000161	0	0.12571E-01	363916.0	3766853.4	49.4	4.15	5.51	3.26	YES	HRDOW
L0000162	0	0.12571E-01	363924.6	3766861.5	49.6	4.15	5.51	3.26	YES	HRDOW
L0000163	0	0.12571E-01	363933.2	3766869.7	49.8	4.15	5.51	3.26	YES	HRDOW
L0000164	0	0.12571E-01	363941.8	3766877.8	50.1	4.15	5.51	3.26	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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
L0000165	0	0.12571E-01	363950.4	3766886.0	50.3	4.15	5.51	3.26	YES	HRDOW
L0000166	0	0.12571E-01	363959.0	3766894.1	50.5	4.15	5.51	3.26	YES	HRDOW
L0000101	0	0.19667E-01	363413.6	3766373.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000102	0	0.19667E-01	363427.1	3766386.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000103	0	0.19667E-01	363440.6	3766399.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000104	0	0.19667E-01	363454.2	3766412.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000105	0	0.19667E-01	363467.7	3766425.7	46.6	4.15	8.72	3.26	YES	HRDOW
L0000106	0	0.19667E-01	363481.2	3766438.7	46.7	4.15	8.72	3.26	YES	HRDOW
L0000107	0	0.19667E-01	363494.7	3766451.6	46.7	4.15	8.72	3.26	YES	HRDOW
L0000108	0	0.19667E-01	363508.2	3766464.6	46.8	4.15	8.72	3.26	YES	HRDOW
L0000109	0	0.19667E-01	363521.7	3766477.6	47.0	4.15	8.72	3.26	YES	HRDOW
L0000110	0	0.19667E-01	363535.2	3766490.6	47.0	4.15	8.72	3.26	YES	HRDOW
L0000111	0	0.19667E-01	363548.8	3766503.6	47.2	4.15	8.72	3.26	YES	HRDOW
L0000112	0	0.19667E-01	363562.3	3766516.6	47.1	4.15	8.72	3.26	YES	HRDOW
L0000113	0	0.19667E-01	363575.8	3766529.6	47.2	4.15	8.72	3.26	YES	HRDOW
L0000114	0	0.19667E-01	363589.3	3766542.6	47.2	4.15	8.72	3.26	YES	HRDOW
L0000115	0	0.19667E-01	363602.8	3766555.6	47.2	4.15	8.72	3.26	YES	HRDOW
L0000116	0	0.19667E-01	363616.3	3766568.6	47.3	4.15	8.72	3.26	YES	HRDOW
L0000117	0	0.19667E-01	363629.8	3766581.6	47.3	4.15	8.72	3.26	YES	HRDOW
L0000118	0	0.19667E-01	363643.4	3766594.6	47.4	4.15	8.72	3.26	YES	HRDOW
L0000119	0	0.19667E-01	363656.9	3766607.6	47.5	4.15	8.72	3.26	YES	HRDOW
L0000120	0	0.19667E-01	363670.4	3766620.6	47.6	4.15	8.72	3.26	YES	HRDOW
L0000121	0	0.19667E-01	363683.9	3766633.6	47.7	4.15	8.72	3.26	YES	HRDOW
L0000122	0	0.19667E-01	363697.4	3766646.6	47.7	4.15	8.72	3.26	YES	HRDOW
L0000123	0	0.19667E-01	363710.9	3766659.6	47.7	4.15	8.72	3.26	YES	HRDOW
L0000124	0	0.19667E-01	363724.5	3766672.6	47.8	4.15	8.72	3.26	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	0.12248E-03	363614.0	3766751.1	50.0	4.15	14	1.93	YES	HRDOW
2	0	0.12254E-03	363537.1	3766687.8	49.9	4.15	4	1.93	YES	HRDOW

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ONSITE	1 , 2 ,
OFFSITE	L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 ,
	L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
	L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 ,
	L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 , L0000155 , L0000156 ,
	L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 , L0000164 ,
	L0000165 , L0000166 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 ,
	L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 ,
	L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 ,
	L0000123 , L0000124 ,

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

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

URBAN ID	URBAN POP	SOURCE IDs
	9830000.	1 , 2 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 ,
		L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 ,
		L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 ,
		L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 ,
		L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 ,
		L0000163 , L0000164 , L0000165 , L0000166 , L0000101 , L0000102 , L0000103 , L0000104 ,
		L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 ,
		L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 ,
		L0000121 , L0000122 , L0000123 , L0000124 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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

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

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

SOURCE ID = L0000101 TO L0000166 ; SOURCE TYPE = VOLUME :

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

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

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

(363781.4,	3766476.5,	46.6,	46.6,	0.0);	(363801.4,	3766476.5,	46.7,	46.7,	0.0);
(363761.4,	3766496.5,	46.7,	46.7,	0.0);	(363781.4,	3766496.5,	46.4,	46.4,	0.0);
(363801.4,	3766496.5,	46.4,	46.4,	0.0);	(363741.4,	3766516.5,	47.0,	47.0,	0.0);
(363761.4,	3766516.5,	47.0,	47.0,	0.0);	(363781.4,	3766516.5,	46.4,	46.4,	0.0);
(363841.4,	3766516.5,	46.9,	46.9,	0.0);	(363261.4,	3766536.5,	50.6,	50.6,	0.0);
(363721.4,	3766536.5,	47.1,	47.1,	0.0);	(363741.4,	3766536.5,	47.1,	47.1,	0.0);
(363761.4,	3766536.5,	47.0,	47.0,	0.0);	(363781.4,	3766536.5,	46.8,	46.8,	0.0);
(363821.4,	3766536.5,	47.1,	47.1,	0.0);	(363841.4,	3766536.5,	47.0,	47.0,	0.0);
(363241.4,	3766556.5,	51.4,	51.4,	0.0);	(363261.4,	3766556.5,	51.1,	51.1,	0.0);
(363281.4,	3766556.5,	50.7,	50.7,	0.0);	(363701.4,	3766556.5,	47.2,	47.2,	0.0);
(363721.4,	3766556.5,	47.2,	47.2,	0.0);	(363741.4,	3766556.5,	47.1,	47.1,	0.0);
(363761.4,	3766556.5,	47.0,	47.0,	0.0);	(363801.4,	3766556.5,	47.2,	47.2,	0.0);
(363821.4,	3766556.5,	47.3,	47.3,	0.0);	(363221.4,	3766576.5,	52.2,	52.2,	0.0);
(363241.4,	3766576.5,	51.7,	51.7,	0.0);	(363261.4,	3766576.5,	51.3,	51.3,	0.0);
(363496.2,	3766680.5,	50.6,	50.6,	0.0);	(363496.3,	3766713.8,	51.3,	51.3,	0.0);
(363721.4,	3766576.5,	47.3,	47.3,	0.0);	(363741.4,	3766576.5,	47.1,	47.1,	0.0);
(363781.4,	3766576.5,	47.3,	47.3,	0.0);	(363801.4,	3766576.5,	47.4,	47.4,	0.0);
(363201.4,	3766596.5,	53.0,	53.0,	0.0);	(363221.4,	3766596.5,	52.6,	52.6,	0.0);
(363241.4,	3766596.5,	52.1,	52.1,	0.0);	(363281.4,	3766596.5,	51.6,	51.6,	0.0);
(363301.4,	3766596.5,	51.4,	51.4,	0.0);	(363321.4,	3766596.5,	51.0,	51.0,	0.0);
(363575.2,	3766590.4,	47.8,	47.8,	0.0);	(363592.9,	3766607.1,	48.0,	48.0,	0.0);
(363763.7,	3766588.0,	47.4,	47.4,	0.0);	(363781.4,	3766596.5,	47.5,	47.5,	0.0);
(363181.4,	3766616.5,	53.6,	53.6,	0.0);	(363201.4,	3766616.5,	53.5,	53.5,	0.0);
(363221.4,	3766616.5,	53.0,	53.0,	0.0);	(363261.4,	3766616.5,	52.3,	52.3,	0.0);
(363281.4,	3766616.5,	52.2,	52.2,	0.0);	(363301.4,	3766616.5,	51.8,	51.8,	0.0);
(363321.4,	3766616.5,	51.3,	51.3,	0.0);	(363341.4,	3766616.5,	50.9,	50.9,	0.0);
(363544.6,	3766623.4,	48.6,	48.6,	0.0);	(363561.4,	3766616.5,	48.3,	48.3,	0.0);
(363510.4,	3766688.5,	50.4,	50.4,	0.0);	(363901.4,	3766616.5,	47.4,	47.4,	0.0);
(363921.4,	3766616.5,	47.3,	47.3,	0.0);	(363161.4,	3766636.5,	54.5,	54.5,	0.0);
(363181.4,	3766636.5,	54.2,	54.2,	0.0);	(363201.4,	3766636.5,	54.0,	54.0,	0.0);
(363241.4,	3766636.5,	53.3,	53.3,	0.0);	(363261.4,	3766636.5,	53.2,	53.2,	0.0);
(363281.4,	3766636.5,	52.8,	52.8,	0.0);	(363301.4,	3766636.5,	52.4,	52.4,	0.0);
(363321.4,	3766636.5,	51.8,	51.8,	0.0);	(363341.4,	3766636.5,	51.3,	51.3,	0.0);
(363526.2,	3766643.1,	49.3,	49.3,	0.0);	(363541.4,	3766636.5,	48.9,	48.9,	0.0);
(363561.4,	3766636.5,	48.7,	48.7,	0.0);	(363881.4,	3766636.5,	47.6,	47.6,	0.0);
(363901.4,	3766636.5,	47.6,	47.6,	0.0);	(363141.4,	3766656.5,	55.4,	55.4,	0.0);
(363161.4,	3766656.5,	55.1,	55.1,	0.0);	(363181.4,	3766656.5,	54.8,	54.8,	0.0);
(363221.4,	3766656.5,	54.1,	54.1,	0.0);	(363241.4,	3766656.5,	53.9,	53.9,	0.0);
(363261.4,	3766656.5,	53.7,	53.7,	0.0);	(363281.4,	3766656.5,	53.2,	53.2,	0.0);
(363301.4,	3766656.5,	52.5,	52.5,	0.0);	(363321.4,	3766656.5,	52.1,	52.1,	0.0);
(363361.4,	3766656.5,	51.8,	51.8,	0.0);	(363381.4,	3766656.5,	51.5,	51.5,	0.0);
(363579.2,	3766624.0,	48.3,	48.3,	0.0);	(363521.4,	3766656.5,	49.7,	49.7,	0.0);
(363541.4,	3766656.5,	49.3,	49.3,	0.0);	(363861.4,	3766656.5,	47.7,	47.7,	0.0);
(363881.4,	3766656.5,	47.6,	47.6,	0.0);	(363941.4,	3766656.5,	47.4,	47.4,	0.0);
(363161.4,	3766676.5,	55.7,	55.7,	0.0);	(363201.4,	3766676.5,	54.8,	54.8,	0.0);

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

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

(363221.4,	3766676.5,	54.6,	54.6,	0.0);	(363241.4,	3766676.5,	54.5,	54.5,	0.0);
(363261.4,	3766676.5,	54.2,	54.2,	0.0);	(363281.4,	3766676.5,	53.8,	53.8,	0.0);
(363301.4,	3766676.5,	52.8,	52.8,	0.0);	(363341.4,	3766676.5,	52.6,	52.6,	0.0);
(363361.4,	3766676.5,	52.6,	52.6,	0.0);	(363381.4,	3766676.5,	52.2,	52.2,	0.0);
(363401.4,	3766676.5,	51.7,	51.7,	0.0);	(363521.9,	3766687.4,	50.2,	50.2,	0.0);
(363519.7,	3766667.8,	50.0,	50.0,	0.0);	(363841.4,	3766676.5,	47.8,	47.8,	0.0);
(363861.4,	3766676.5,	47.7,	47.7,	0.0);	(363921.4,	3766676.5,	47.8,	47.8,	0.0);
(363941.4,	3766676.5,	47.7,	47.7,	0.0);	(363961.4,	3766676.5,	47.8,	47.8,	0.0);
(363981.4,	3766676.5,	48.0,	48.0,	0.0);	(364001.4,	3766676.5,	48.1,	48.1,	0.0);
(363181.4,	3766696.5,	55.9,	55.9,	0.0);	(363201.4,	3766696.5,	55.0,	55.0,	0.0);
(363221.4,	3766696.5,	54.6,	54.6,	0.0);	(363241.4,	3766696.5,	54.8,	54.8,	0.0);
(363261.4,	3766696.5,	54.9,	54.9,	0.0);	(363281.4,	3766696.5,	54.5,	54.5,	0.0);
(363321.4,	3766696.5,	53.4,	53.4,	0.0);	(363341.4,	3766696.5,	53.3,	53.3,	0.0);
(363361.4,	3766696.5,	53.0,	53.0,	0.0);	(363381.4,	3766696.5,	52.6,	52.6,	0.0);
(363401.4,	3766696.5,	52.2,	52.2,	0.0);	(363421.4,	3766696.5,	52.0,	52.0,	0.0);
(363481.4,	3766696.5,	51.4,	51.4,	0.0);	(363503.5,	3766703.6,	50.9,	50.9,	0.0);
(363901.4,	3766696.5,	47.4,	47.4,	0.0);	(363921.4,	3766696.5,	47.9,	47.9,	0.0);
(363941.4,	3766696.5,	48.0,	48.0,	0.0);	(363961.4,	3766696.5,	48.1,	48.1,	0.0);
(363981.4,	3766696.5,	48.2,	48.2,	0.0);	(364001.4,	3766696.5,	48.3,	48.3,	0.0);
(363201.4,	3766716.5,	55.8,	55.8,	0.0);	(363221.4,	3766716.5,	55.6,	55.6,	0.0);
(363241.4,	3766716.5,	55.6,	55.6,	0.0);	(363261.4,	3766716.5,	55.5,	55.5,	0.0);
(363301.4,	3766716.5,	54.4,	54.4,	0.0);	(363321.4,	3766716.5,	54.1,	54.1,	0.0);
(363341.4,	3766716.5,	53.9,	53.9,	0.0);	(363361.4,	3766716.5,	53.6,	53.6,	0.0);
(363381.4,	3766716.5,	53.2,	53.2,	0.0);	(363401.4,	3766716.5,	52.8,	52.8,	0.0);
(363421.4,	3766716.5,	52.4,	52.4,	0.0);	(363881.4,	3766716.5,	47.9,	47.9,	0.0);
(363901.4,	3766716.5,	47.9,	47.9,	0.0);	(363921.4,	3766716.5,	48.0,	48.0,	0.0);
(363941.4,	3766716.5,	48.1,	48.1,	0.0);	(363961.4,	3766716.5,	48.3,	48.3,	0.0);
(363981.4,	3766716.5,	48.4,	48.4,	0.0);	(364021.4,	3766716.5,	47.8,	47.8,	0.0);
(364041.4,	3766716.5,	48.4,	48.4,	0.0);	(363221.4,	3766736.5,	56.9,	56.9,	0.0);
(363241.4,	3766736.5,	56.7,	56.7,	0.0);	(363281.4,	3766736.5,	55.4,	55.4,	0.0);
(363301.4,	3766736.5,	55.1,	55.1,	0.0);	(363321.4,	3766736.5,	54.8,	54.8,	0.0);
(363341.4,	3766736.5,	54.5,	54.5,	0.0);	(363361.4,	3766736.5,	54.2,	54.2,	0.0);
(363381.4,	3766736.5,	53.8,	53.8,	0.0);	(363401.4,	3766736.5,	53.3,	53.3,	0.0);
(363441.4,	3766736.5,	52.8,	52.8,	0.0);	(363461.4,	3766736.5,	52.4,	52.4,	0.0);
(363881.4,	3766736.5,	48.1,	48.1,	0.0);	(363901.4,	3766736.5,	48.2,	48.2,	0.0);
(363921.4,	3766736.5,	48.2,	48.2,	0.0);	(363941.4,	3766736.5,	48.3,	48.3,	0.0);
(363961.4,	3766736.5,	48.4,	48.4,	0.0);	(364001.4,	3766736.5,	48.9,	48.9,	0.0);
(364021.4,	3766736.5,	48.4,	48.4,	0.0);	(364041.4,	3766736.5,	48.7,	48.7,	0.0);
(364061.4,	3766736.5,	48.9,	48.9,	0.0);	(363301.4,	3766756.5,	55.7,	55.7,	0.0);
(363321.4,	3766756.5,	55.3,	55.3,	0.0);	(363341.4,	3766756.5,	55.1,	55.1,	0.0);
(363361.4,	3766756.5,	54.9,	54.9,	0.0);	(363381.4,	3766756.5,	54.1,	54.1,	0.0);
(363421.4,	3766756.5,	53.6,	53.6,	0.0);	(363441.4,	3766756.5,	53.5,	53.5,	0.0);
(363461.4,	3766756.5,	52.7,	52.7,	0.0);	(363481.4,	3766756.5,	51.5,	51.5,	0.0);
(363701.4,	3766756.5,	48.5,	48.5,	0.0);	(363721.4,	3766756.5,	48.5,	48.5,	0.0);
(363901.4,	3766756.5,	48.3,	48.3,	0.0);	(363921.4,	3766756.5,	48.5,	48.5,	0.0);

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

(363941.4,	3766756.5,	48.5,	48.5,	0.0);	(363981.4,	3766756.5,	48.8,	48.8,	0.0);
(364001.4,	3766756.5,	49.4,	49.4,	0.0);	(364021.4,	3766756.5,	49.3,	49.3,	0.0);
(364041.4,	3766756.5,	49.1,	49.1,	0.0);	(364061.4,	3766756.5,	49.2,	49.2,	0.0);
(364081.4,	3766756.5,	49.3,	49.3,	0.0);	(363321.4,	3766776.5,	56.0,	56.0,	0.0);
(363341.4,	3766776.5,	55.6,	55.6,	0.0);	(363361.4,	3766776.5,	55.2,	55.2,	0.0);
(363401.4,	3766776.5,	54.2,	54.2,	0.0);	(363421.4,	3766776.5,	54.0,	54.0,	0.0);
(363441.4,	3766776.5,	53.7,	53.7,	0.0);	(363461.4,	3766776.5,	52.9,	52.9,	0.0);
(363481.4,	3766776.5,	52.2,	52.2,	0.0);	(363501.4,	3766776.5,	51.9,	51.9,	0.0);
(363681.4,	3766776.5,	49.0,	49.0,	0.0);	(363701.4,	3766776.5,	48.8,	48.8,	0.0);
(363721.4,	3766776.5,	48.7,	48.7,	0.0);	(363741.4,	3766776.5,	48.8,	48.8,	0.0);
(363921.4,	3766776.5,	48.6,	48.6,	0.0);	(363961.4,	3766776.5,	48.8,	48.8,	0.0);
(363981.4,	3766776.5,	49.1,	49.1,	0.0);	(364001.4,	3766776.5,	49.3,	49.3,	0.0);
(364021.4,	3766776.5,	49.4,	49.4,	0.0);	(364041.4,	3766776.5,	49.4,	49.4,	0.0);
(364061.4,	3766776.5,	49.5,	49.5,	0.0);	(364081.4,	3766776.5,	49.5,	49.5,	0.0);
(363341.4,	3766796.5,	56.1,	56.1,	0.0);	(363381.4,	3766796.5,	55.2,	55.2,	0.0);
(363401.4,	3766796.5,	54.8,	54.8,	0.0);	(363421.4,	3766796.5,	54.3,	54.3,	0.0);
(363441.4,	3766796.5,	53.8,	53.8,	0.0);	(363461.4,	3766796.5,	53.3,	53.3,	0.0);
(363481.4,	3766796.5,	53.1,	53.1,	0.0);	(363521.4,	3766796.5,	52.1,	52.1,	0.0);
(363661.4,	3766796.5,	49.9,	49.9,	0.0);	(363681.4,	3766796.5,	49.4,	49.4,	0.0);
(363701.4,	3766796.5,	49.0,	49.0,	0.0);	(363721.4,	3766796.5,	48.9,	48.9,	0.0);
(363741.4,	3766796.5,	49.0,	49.0,	0.0);	(363761.4,	3766796.5,	48.8,	48.8,	0.0);
(363941.4,	3766796.5,	48.9,	48.9,	0.0);	(363961.4,	3766796.5,	49.0,	49.0,	0.0);
(363981.4,	3766796.5,	49.1,	49.1,	0.0);	(364001.4,	3766796.5,	49.0,	49.0,	0.0);
(364021.4,	3766796.5,	49.5,	49.5,	0.0);	(364041.4,	3766796.5,	49.6,	49.6,	0.0);
(364061.4,	3766796.5,	49.6,	49.6,	0.0);	(363361.4,	3766816.5,	56.4,	56.4,	0.0);
(363381.4,	3766816.5,	55.7,	55.7,	0.0);	(363401.4,	3766816.5,	55.2,	55.2,	0.0);
(363421.4,	3766816.5,	54.8,	54.8,	0.0);	(363441.4,	3766816.5,	54.5,	54.5,	0.0);
(363461.4,	3766816.5,	54.0,	54.0,	0.0);	(363501.4,	3766816.5,	53.3,	53.3,	0.0);
(363521.4,	3766816.5,	53.0,	53.0,	0.0);	(363541.4,	3766816.5,	52.3,	52.3,	0.0);
(363561.4,	3766816.5,	52.2,	52.2,	0.0);	(363641.4,	3766816.5,	50.8,	50.8,	0.0);
(363661.4,	3766816.5,	50.3,	50.3,	0.0);	(363681.4,	3766816.5,	49.8,	49.8,	0.0);
(363701.4,	3766816.5,	49.4,	49.4,	0.0);	(363721.4,	3766816.5,	49.1,	49.1,	0.0);
(363741.4,	3766816.5,	49.0,	49.0,	0.0);	(363921.4,	3766816.5,	48.9,	48.9,	0.0);
(363941.4,	3766816.5,	49.1,	49.1,	0.0);	(363961.4,	3766816.5,	49.2,	49.2,	0.0);
(363981.4,	3766816.5,	49.1,	49.1,	0.0);	(364001.4,	3766816.5,	48.8,	48.8,	0.0);
(364021.4,	3766816.5,	49.7,	49.7,	0.0);	(364041.4,	3766816.5,	49.8,	49.8,	0.0);
(363201.4,	3766836.5,	60.6,	60.6,	0.0);	(363341.4,	3766836.5,	57.3,	57.3,	0.0);
(363361.4,	3766836.5,	57.1,	57.1,	0.0);	(363381.4,	3766836.5,	56.5,	56.5,	0.0);
(363401.4,	3766836.5,	55.8,	55.8,	0.0);	(363421.4,	3766836.5,	55.3,	55.3,	0.0);
(363441.4,	3766836.5,	55.0,	55.0,	0.0);	(363481.4,	3766836.5,	54.2,	54.2,	0.0);
(363501.4,	3766836.5,	53.8,	53.8,	0.0);	(363521.4,	3766836.5,	53.3,	53.3,	0.0);
(363541.4,	3766836.5,	52.8,	52.8,	0.0);	(363561.4,	3766836.5,	52.6,	52.6,	0.0);
(363581.4,	3766836.5,	52.2,	52.2,	0.0);	(363621.4,	3766836.5,	51.5,	51.5,	0.0);
(363641.4,	3766836.5,	51.1,	51.1,	0.0);	(363661.4,	3766836.5,	50.5,	50.5,	0.0);
(363681.4,	3766836.5,	50.0,	50.0,	0.0);	(363701.4,	3766836.5,	49.6,	49.6,	0.0);

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

(363721.4,	3766836.5,	49.3,	49.3,	0.0);	(363941.4,	3766836.5,	49.4,	49.4,	0.0);
(363961.4,	3766836.5,	49.5,	49.5,	0.0);	(363981.4,	3766836.5,	49.5,	49.5,	0.0);
(364001.4,	3766836.5,	49.5,	49.5,	0.0);	(364021.4,	3766836.5,	49.8,	49.8,	0.0);
(363181.4,	3766856.5,	61.9,	61.9,	0.0);	(363201.4,	3766856.5,	61.4,	61.4,	0.0);
(363221.4,	3766856.5,	60.7,	60.7,	0.0);	(363341.4,	3766856.5,	57.8,	57.8,	0.0);
(363361.4,	3766856.5,	57.6,	57.6,	0.0);	(363381.4,	3766856.5,	57.4,	57.4,	0.0);
(363401.4,	3766856.5,	56.6,	56.6,	0.0);	(363421.4,	3766856.5,	55.8,	55.8,	0.0);
(363461.4,	3766856.5,	55.2,	55.2,	0.0);	(363481.4,	3766856.5,	54.8,	54.8,	0.0);
(363501.4,	3766856.5,	54.1,	54.1,	0.0);	(363521.4,	3766856.5,	53.5,	53.5,	0.0);
(363541.4,	3766856.5,	53.3,	53.3,	0.0);	(363561.4,	3766856.5,	52.9,	52.9,	0.0);
(363641.4,	3766856.5,	51.2,	51.2,	0.0);	(363661.4,	3766856.5,	50.7,	50.7,	0.0);
(363681.4,	3766856.5,	50.2,	50.2,	0.0);	(363701.4,	3766856.5,	49.8,	49.8,	0.0);
(363741.4,	3766856.5,	49.7,	49.7,	0.0);	(363881.4,	3766856.5,	49.1,	49.1,	0.0);
(363901.4,	3766856.5,	49.3,	49.3,	0.0);	(363941.4,	3766856.5,	49.7,	49.7,	0.0);
(363961.4,	3766856.5,	49.8,	49.8,	0.0);	(363981.4,	3766856.5,	49.9,	49.9,	0.0);
(364001.4,	3766856.5,	49.9,	49.9,	0.0);	(363161.4,	3766876.5,	63.0,	63.0,	0.0);
(363181.4,	3766876.5,	62.6,	62.6,	0.0);	(363201.4,	3766876.5,	61.9,	61.9,	0.0);
(363221.4,	3766876.5,	61.3,	61.3,	0.0);	(363241.4,	3766876.5,	60.8,	60.8,	0.0);
(363361.4,	3766876.5,	57.9,	57.9,	0.0);	(363381.4,	3766876.5,	57.8,	57.8,	0.0);
(363401.4,	3766876.5,	57.1,	57.1,	0.0);	(363441.4,	3766876.5,	56.1,	56.1,	0.0);
(363461.4,	3766876.5,	55.8,	55.8,	0.0);	(363481.4,	3766876.5,	55.1,	55.1,	0.0);
(363501.4,	3766876.5,	54.6,	54.6,	0.0);	(363521.4,	3766876.5,	54.2,	54.2,	0.0);
(363541.4,	3766876.5,	53.7,	53.7,	0.0);	(363542.1,	3766801.8,	51.9,	51.9,	0.0);
(363601.4,	3766876.5,	52.4,	52.4,	0.0);	(363620.3,	3766880.6,	51.8,	51.8,	0.0);
(363661.4,	3766876.5,	50.8,	50.8,	0.0);	(363681.4,	3766876.5,	50.4,	50.4,	0.0);
(363721.4,	3766876.5,	50.0,	50.0,	0.0);	(363741.4,	3766876.5,	50.0,	50.0,	0.0);
(363761.4,	3766876.5,	50.0,	50.0,	0.0);	(363801.4,	3766876.5,	49.2,	49.2,	0.0);
(363881.4,	3766876.5,	49.4,	49.4,	0.0);	(363901.4,	3766876.5,	49.6,	49.6,	0.0);
(363921.4,	3766876.5,	49.8,	49.8,	0.0);	(363961.4,	3766876.5,	50.2,	50.2,	0.0);
(363981.4,	3766876.5,	50.2,	50.2,	0.0);	(363141.4,	3766896.5,	64.2,	64.2,	0.0);
(363161.4,	3766896.5,	63.9,	63.9,	0.0);	(363181.4,	3766896.5,	63.3,	63.3,	0.0);
(363201.4,	3766896.5,	62.6,	62.6,	0.0);	(363221.4,	3766896.5,	62.0,	62.0,	0.0);
(363241.4,	3766896.5,	61.5,	61.5,	0.0);	(363381.4,	3766896.5,	58.1,	58.1,	0.0);
(363461.4,	3766896.5,	56.3,	56.3,	0.0);	(363481.4,	3766896.5,	55.7,	55.7,	0.0);
(363501.4,	3766896.5,	55.2,	55.2,	0.0);	(363521.4,	3766896.5,	54.7,	54.7,	0.0);
(363581.4,	3766896.5,	53.2,	53.2,	0.0);	(363601.4,	3766896.5,	52.7,	52.7,	0.0);
(363623.4,	3766901.7,	52.0,	52.0,	0.0);	(363641.4,	3766896.5,	51.4,	51.4,	0.0);
(363701.4,	3766896.5,	50.4,	50.4,	0.0);	(363721.4,	3766896.5,	50.3,	50.3,	0.0);
(363761.4,	3766896.5,	50.1,	50.1,	0.0);	(363781.4,	3766896.5,	49.8,	49.8,	0.0);
(363801.4,	3766896.5,	49.5,	49.5,	0.0);	(363821.4,	3766896.5,	49.7,	49.7,	0.0);
(363861.4,	3766896.5,	49.4,	49.4,	0.0);	(363881.4,	3766896.5,	49.4,	49.4,	0.0);
(363901.4,	3766896.5,	49.8,	49.8,	0.0);	(363141.4,	3766916.5,	65.1,	65.1,	0.0);
(363161.4,	3766916.5,	64.7,	64.7,	0.0);	(363181.4,	3766916.5,	64.1,	64.1,	0.0);
(363201.4,	3766916.5,	63.7,	63.7,	0.0);	(363221.4,	3766916.5,	62.8,	62.8,	0.0);
(363261.4,	3766916.5,	62.2,	62.2,	0.0);	(363281.4,	3766916.5,	61.5,	61.5,	0.0);

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

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

(363481.4,	3766916.5,	56.4,	56.4,	0.0);	(363501.4,	3766916.5,	55.8,	55.8,	0.0);
(363594.0,	3766905.6,	53.1,	53.1,	0.0);	(363621.4,	3766916.5,	52.3,	52.3,	0.0);
(363641.4,	3766916.5,	51.9,	51.9,	0.0);	(363649.3,	3766910.2,	51.6,	51.6,	0.0);
(363721.4,	3766916.5,	50.5,	50.5,	0.0);	(363741.4,	3766916.5,	50.6,	50.6,	0.0);
(363761.4,	3766916.5,	50.2,	50.2,	0.0);	(363781.4,	3766916.5,	49.9,	49.9,	0.0);
(363801.4,	3766916.5,	49.8,	49.8,	0.0);	(363841.4,	3766916.5,	49.8,	49.8,	0.0);
(363861.4,	3766916.5,	49.6,	49.6,	0.0);	(363881.4,	3766916.5,	49.7,	49.7,	0.0);
(363901.4,	3766916.5,	50.2,	50.2,	0.0);	(363921.4,	3766916.5,	50.6,	50.6,	0.0);
(363141.4,	3766936.5,	65.6,	65.6,	0.0);	(363161.4,	3766936.5,	65.2,	65.2,	0.0);
(363181.4,	3766936.5,	64.8,	64.8,	0.0);	(363201.4,	3766936.5,	64.1,	64.1,	0.0);
(363241.4,	3766936.5,	63.0,	63.0,	0.0);	(363261.4,	3766936.5,	62.9,	62.9,	0.0);
(363281.4,	3766936.5,	62.1,	62.1,	0.0);	(363301.4,	3766936.5,	61.5,	61.5,	0.0);
(363321.4,	3766936.5,	61.0,	61.0,	0.0);	(363601.4,	3766936.5,	52.6,	52.6,	0.0);
(363621.4,	3766936.5,	52.8,	52.8,	0.0);	(363641.4,	3766936.5,	52.3,	52.3,	0.0);
(363681.4,	3766936.5,	51.4,	51.4,	0.0);	(363741.4,	3766936.5,	50.8,	50.8,	0.0);
(363761.4,	3766936.5,	50.4,	50.4,	0.0);	(363781.4,	3766936.5,	50.1,	50.1,	0.0);
(363821.4,	3766936.5,	50.1,	50.1,	0.0);	(363841.4,	3766936.5,	50.2,	50.2,	0.0);
(363861.4,	3766936.5,	50.2,	50.2,	0.0);	(363881.4,	3766936.5,	50.3,	50.3,	0.0);
(363901.4,	3766936.5,	50.8,	50.8,	0.0);	(363921.4,	3766936.5,	51.0,	51.0,	0.0);
(363141.4,	3766956.5,	66.1,	66.1,	0.0);	(363161.4,	3766956.5,	65.8,	65.8,	0.0);
(363181.4,	3766956.5,	65.3,	65.3,	0.0);	(363221.4,	3766956.5,	64.0,	64.0,	0.0);
(363241.4,	3766956.5,	63.7,	63.7,	0.0);	(363261.4,	3766956.5,	63.3,	63.3,	0.0);
(363281.4,	3766956.5,	62.6,	62.6,	0.0);	(363301.4,	3766956.5,	62.0,	62.0,	0.0);
(363321.4,	3766956.5,	61.5,	61.5,	0.0);	(363574.5,	3766955.4,	54.3,	54.3,	0.0);
(363601.4,	3766956.5,	53.3,	53.3,	0.0);	(363582.3,	3766938.2,	53.2,	53.2,	0.0);
(363661.4,	3766956.5,	52.4,	52.4,	0.0);	(363681.4,	3766956.5,	51.9,	51.9,	0.0);
(363701.4,	3766956.5,	51.4,	51.4,	0.0);	(363761.4,	3766956.5,	50.5,	50.5,	0.0);
(363801.4,	3766956.5,	50.5,	50.5,	0.0);	(363821.4,	3766956.5,	50.4,	50.4,	0.0);
(363841.4,	3766956.5,	50.4,	50.4,	0.0);	(363861.4,	3766956.5,	50.5,	50.5,	0.0);
(363881.4,	3766956.5,	50.7,	50.7,	0.0);	(363901.4,	3766956.5,	51.0,	51.0,	0.0);
(363161.4,	3766976.5,	66.3,	66.3,	0.0);	(363201.4,	3766976.5,	65.2,	65.2,	0.0);
(363221.4,	3766976.5,	64.8,	64.8,	0.0);	(363241.4,	3766976.5,	64.2,	64.2,	0.0);
(363261.4,	3766976.5,	63.5,	63.5,	0.0);	(363281.4,	3766976.5,	63.0,	63.0,	0.0);
(363301.4,	3766976.5,	62.4,	62.4,	0.0);	(363341.4,	3766976.5,	61.3,	61.3,	0.0);
(363361.4,	3766976.5,	60.8,	60.8,	0.0);	(363561.4,	3766976.5,	55.6,	55.6,	0.0);
(363581.4,	3766976.5,	55.2,	55.2,	0.0);	(363589.0,	3766966.9,	54.3,	54.3,	0.0);
(363641.4,	3766976.5,	53.6,	53.6,	0.0);	(363661.4,	3766976.5,	53.1,	53.1,	0.0);
(363681.4,	3766976.5,	52.5,	52.5,	0.0);	(363701.4,	3766976.5,	51.9,	51.9,	0.0);
(363721.4,	3766976.5,	51.7,	51.7,	0.0);	(363781.4,	3766976.5,	50.7,	50.7,	0.0);
(363801.4,	3766976.5,	51.0,	51.0,	0.0);	(363821.4,	3766976.5,	50.5,	50.5,	0.0);
(363841.4,	3766976.5,	50.5,	50.5,	0.0);	(363861.4,	3766976.5,	50.7,	50.7,	0.0);
(363881.4,	3766976.5,	51.0,	51.0,	0.0);	(363181.4,	3766996.5,	66.3,	66.3,	0.0);
(363201.4,	3766996.5,	65.7,	65.7,	0.0);	(363221.4,	3766996.5,	65.2,	65.2,	0.0);
(363241.4,	3766996.5,	64.6,	64.6,	0.0);	(363261.4,	3766996.5,	64.0,	64.0,	0.0);
(363281.4,	3766996.5,	63.4,	63.4,	0.0);	(363301.4,	3766996.5,	62.9,	62.9,	0.0);

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

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

(363321.4,	3766996.5,	62.4,	62.4,	0.0);	(363341.4,	3766996.5,	62.0,	62.0,	0.0);
(363361.4,	3766996.5,	61.4,	61.4,	0.0);	(363381.4,	3766996.5,	60.9,	60.9,	0.0);
(363574.3,	3766988.7,	55.8,	55.8,	0.0);	(363621.4,	3766996.5,	54.8,	54.8,	0.0);
(363641.4,	3766996.5,	54.2,	54.2,	0.0);	(363661.4,	3766996.5,	53.6,	53.6,	0.0);
(363681.4,	3766996.5,	53.1,	53.1,	0.0);	(363701.4,	3766996.5,	52.6,	52.6,	0.0);
(363721.4,	3766996.5,	51.9,	51.9,	0.0);	(363801.4,	3766996.5,	51.3,	51.3,	0.0);
(363821.4,	3766996.5,	50.7,	50.7,	0.0);	(363841.4,	3766996.5,	50.7,	50.7,	0.0);
(363861.4,	3766996.5,	51.1,	51.1,	0.0);	(363181.4,	3767016.5,	66.9,	66.9,	0.0);
(363201.4,	3767016.5,	66.2,	66.2,	0.0);	(363221.4,	3767016.5,	65.5,	65.5,	0.0);
(363241.4,	3767016.5,	64.9,	64.9,	0.0);	(363261.4,	3767016.5,	64.5,	64.5,	0.0);
(363281.4,	3767016.5,	63.9,	63.9,	0.0);	(363321.4,	3767016.5,	63.0,	63.0,	0.0);
(363341.4,	3767016.5,	62.6,	62.6,	0.0);	(363361.4,	3767016.5,	61.9,	61.9,	0.0);
(363381.4,	3767016.5,	61.4,	61.4,	0.0);	(363401.4,	3767016.5,	60.7,	60.7,	0.0);
(363601.4,	3767016.5,	56.3,	56.3,	0.0);	(363621.4,	3767016.5,	55.4,	55.4,	0.0);
(363641.4,	3767016.5,	54.8,	54.8,	0.0);	(363661.4,	3767016.5,	54.1,	54.1,	0.0);
(363681.4,	3767016.5,	53.6,	53.6,	0.0);	(363701.4,	3767016.5,	53.2,	53.2,	0.0);
(363741.4,	3767016.5,	52.4,	52.4,	0.0);	(363761.4,	3767016.5,	52.0,	52.0,	0.0);
(363821.4,	3767016.5,	51.1,	51.1,	0.0);	(363841.4,	3767016.5,	51.3,	51.3,	0.0);
(363201.4,	3767036.5,	66.5,	66.5,	0.0);	(363221.4,	3767036.5,	65.9,	65.9,	0.0);
(363241.4,	3767036.5,	65.4,	65.4,	0.0);	(363261.4,	3767036.5,	64.7,	64.7,	0.0);
(363301.4,	3767036.5,	63.9,	63.9,	0.0);	(363321.4,	3767036.5,	63.4,	63.4,	0.0);
(363341.4,	3767036.5,	62.8,	62.8,	0.0);	(363361.4,	3767036.5,	62.3,	62.3,	0.0);
(363381.4,	3767036.5,	61.2,	61.2,	0.0);	(363601.4,	3767036.5,	57.5,	57.5,	0.0);
(363621.4,	3767036.5,	55.8,	55.8,	0.0);	(363641.4,	3767036.5,	55.2,	55.2,	0.0);
(363661.4,	3767036.5,	54.6,	54.6,	0.0);	(363681.4,	3767036.5,	54.0,	54.0,	0.0);
(363721.4,	3767036.5,	53.4,	53.4,	0.0);	(363741.4,	3767036.5,	53.1,	53.1,	0.0);
(363761.4,	3767036.5,	52.9,	52.9,	0.0);	(363781.4,	3767036.5,	52.6,	52.6,	0.0);
(363221.4,	3767056.5,	66.3,	66.3,	0.0);	(363241.4,	3767056.5,	65.7,	65.7,	0.0);
(363281.4,	3767056.5,	64.8,	64.8,	0.0);	(363301.4,	3767056.5,	64.2,	64.2,	0.0);
(363321.4,	3767056.5,	63.7,	63.7,	0.0);	(363341.4,	3767056.5,	63.2,	63.2,	0.0);
(363361.4,	3767056.5,	62.7,	62.7,	0.0);	(363641.4,	3767056.5,	56.0,	56.0,	0.0);
(363661.4,	3767056.5,	55.4,	55.4,	0.0);	(363701.4,	3767056.5,	54.5,	54.5,	0.0);
(363721.4,	3767056.5,	54.1,	54.1,	0.0);	(363741.4,	3767056.5,	53.9,	53.9,	0.0);
(363761.4,	3767056.5,	53.6,	53.6,	0.0);	(363261.4,	3767076.5,	65.6,	65.6,	0.0);
(363281.4,	3767076.5,	65.1,	65.1,	0.0);	(363301.4,	3767076.5,	64.5,	64.5,	0.0);
(363321.4,	3767076.5,	64.0,	64.0,	0.0);	(363341.4,	3767076.5,	63.5,	63.5,	0.0);
(363681.4,	3767076.5,	55.7,	55.7,	0.0);	(363701.4,	3767076.5,	55.5,	55.5,	0.0);
(363721.4,	3767076.5,	54.9,	54.9,	0.0);	(363741.4,	3767076.5,	54.6,	54.6,	0.0);
(363486.9,	3766687.3,	51.0,	51.0,	0.0);	(363539.1,	3766668.7,	49.5,	49.5,	0.0);
(363586.2,	3766653.9,	48.6,	48.6,	0.0);	(363594.3,	3766644.4,	48.5,	48.5,	0.0);
(363612.0,	3766627.4,	48.3,	48.3,	0.0);	(363623.0,	3766637.8,	48.4,	48.4,	0.0);
(363638.4,	3766651.8,	48.5,	48.5,	0.0);	(363651.7,	3766665.6,	48.8,	48.8,	0.0);
(363666.0,	3766678.5,	48.7,	48.7,	0.0);	(363625.3,	3766666.5,	48.8,	48.8,	0.0);
(363608.1,	3766683.4,	49.0,	49.0,	0.0);	(363624.2,	3766701.1,	49.2,	49.2,	0.0);
(363639.3,	3766715.1,	49.1,	49.1,	0.0);	(363623.7,	3766727.0,	49.4,	49.4,	0.0);

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

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

(363702.7, 3766703.3,	48.4,	48.4,	0.0);	(363576.9, 3766687.1,	49.3,	49.3,	0.0);
(363588.4, 3766697.4,	49.3,	49.3,	0.0);	(363603.2, 3766711.0,	49.5,	49.5,	0.0);
(363562.8, 3766700.7,	49.8,	49.8,	0.0);	(363577.8, 3766710.4,	49.8,	49.8,	0.0);
(363591.7, 3766724.3,	49.9,	49.9,	0.0);	(363545.3, 3766719.0,	50.4,	50.4,	0.0);
(363561.6, 3766732.0,	50.5,	50.5,	0.0);	(363574.3, 3766745.0,	50.6,	50.6,	0.0);
(363528.5, 3766740.8,	51.1,	51.1,	0.0);	(363556.0, 3766764.1,	51.1,	51.1,	0.0);
(363571.0, 3766780.7,	51.1,	51.1,	0.0);	(363582.8, 3766763.3,	50.7,	50.7,	0.0);
(363589.3, 3766769.2,	50.7,	50.7,	0.0);	(363605.0, 3766732.0,	49.9,	49.9,	0.0);
(363544.5, 3766753.2,	51.1,	51.1,	0.0);				

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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)
L0000125	363621.4	3766836.5	-1.04
L0000127	363641.4	3766816.5	0.42
L0000160	363901.4	3766856.5	0.89

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

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

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1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54,   3.09,   5.14,   8.23, 10.80,

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

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

Surface file: metdata-53 m\KSMO_v9.SFC Met Version: 16216
Profile file: metdata-53 m\KSMO_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 93197 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-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 FLGPOL URBAN ADJ_U*

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	** CONC OF OTHER IN MICROGRAMS/M**3 CONC **	X-COORD (M)	Y-COORD (M)	CONC
363781.42	3766476.48	0.16608	363801.42	3766476.48	0.14348
363761.42	3766496.48	0.21087	363781.42	3766496.48	0.17955
363801.42	3766496.48	0.15350	363741.42	3766516.48	0.27622
363761.42	3766516.48	0.23190	363781.42	3766516.48	0.19462
363841.42	3766516.48	0.12082	363261.42	3766536.48	0.40684
363721.42	3766536.48	0.37547	363741.42	3766536.48	0.30999
363761.42	3766536.48	0.25572	363781.42	3766536.48	0.21182
363821.42	3766536.48	0.14965	363841.42	3766536.48	0.12788
363241.42	3766556.48	0.38025	363261.42	3766556.48	0.41662
363281.42	3766556.48	0.45748	363701.42	3766556.48	0.53534
363721.42	3766556.48	0.43423	363741.42	3766556.48	0.35008
363761.42	3766556.48	0.28305	363801.42	3766556.48	0.19079
363821.42	3766556.48	0.15993	363221.42	3766576.48	0.35017
363241.42	3766576.48	0.38480	363261.42	3766576.48	0.42396
363496.24	3766680.55	3.50932	363496.29	3766713.80	3.24658
363721.42	3766576.48	0.50856	363741.42	3766576.48	0.39830
363781.42	3766576.48	0.25285	363801.42	3766576.48	0.20668
363201.42	3766596.48	0.31843	363221.42	3766596.48	0.35016
363241.42	3766596.48	0.38644	363281.42	3766596.48	0.47484
363301.42	3766596.48	0.52912	363321.42	3766596.48	0.59228
363575.20	3766590.38	1.82015	363592.94	3766607.09	2.17706
363763.73	3766588.02	0.32733	363781.42	3766596.48	0.27964
363181.42	3766616.48	0.28690	363201.42	3766616.48	0.31500
363221.42	3766616.48	0.34760	363261.42	3766616.48	0.42776
363281.42	3766616.48	0.47717	363301.42	3766616.48	0.53528
363321.42	3766616.48	0.60335	363341.42	3766616.48	0.68346
363544.61	3766623.39	3.36524	363561.42	3766616.48	2.87893
363510.36	3766688.48	4.71876	363901.42	3766616.48	0.12254
363921.42	3766616.48	0.10944	363161.42	3766636.48	0.25620
363181.42	3766636.48	0.28110	363201.42	3766636.48	0.30946
363241.42	3766636.48	0.38008	363261.42	3766636.48	0.42355
363281.42	3766636.48	0.47494	363301.42	3766636.48	0.53539
363321.42	3766636.48	0.60745	363341.42	3766636.48	0.69338
363526.20	3766643.12	4.37024	363541.42	3766636.48	4.48386
363561.42	3766636.48	4.63069	363881.42	3766636.48	0.16740
363901.42	3766636.48	0.14778	363141.42	3766656.48	0.21992
363161.42	3766656.48	0.24159	363181.42	3766656.48	0.27379
363221.42	3766656.48	0.33461	363241.42	3766656.48	0.37221
363261.42	3766656.48	0.41611	363281.42	3766656.48	0.46829
363301.42	3766656.48	0.53093	363321.42	3766656.48	0.60493

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	** CONC OF OTHER IN MICROGRAMS/M**3 CONC	X-COORD (M)	Y-COORD (M)	** CONC
363361.42	3766656.48	0.80098	363381.42	3766656.48	0.93497
363579.25	3766623.97	2.99966	363521.42	3766656.48	5.06880
363541.42	3766656.48	7.50967	363861.42	3766656.48	0.25318
363881.42	3766656.48	0.21872	363941.42	3766656.48	0.14791
363161.42	3766676.48	0.23130	363201.42	3766676.48	0.29282
363221.42	3766676.48	0.32457	363241.42	3766676.48	0.36159
363261.42	3766676.48	0.40515	363281.42	3766676.48	0.45706
363301.42	3766676.48	0.52058	363341.42	3766676.48	0.68372
363361.42	3766676.48	0.79314	363381.42	3766676.48	0.93210
363401.42	3766676.48	1.10943	363521.88	3766687.37	6.51688
363519.69	3766667.84	5.66687	363841.42	3766676.48	0.43914
363861.42	3766676.48	0.36453	363921.42	3766676.48	0.22500
363941.42	3766676.48	0.19537	363961.42	3766676.48	0.17099
363981.42	3766676.48	0.15070	364001.42	3766676.48	0.13367
363181.42	3766696.48	0.24351	363201.42	3766696.48	0.28073
363221.42	3766696.48	0.31347	363241.42	3766696.48	0.34891
363261.42	3766696.48	0.38808	363281.42	3766696.48	0.44127
363321.42	3766696.48	0.57612	363341.42	3766696.48	0.66471
363361.42	3766696.48	0.77515	363381.42	3766696.48	0.91510
363401.42	3766696.48	1.09288	363421.42	3766696.48	1.32469
363481.42	3766696.48	2.70134	363503.53	3766703.58	3.80870
363901.42	3766696.48	0.37150	363921.42	3766696.48	0.31237
363941.42	3766696.48	0.26571	363961.42	3766696.48	0.22834
363981.42	3766696.48	0.19799	364001.42	3766696.48	0.17303
363201.42	3766716.48	0.25722	363221.42	3766716.48	0.28581
363241.42	3766716.48	0.31875	363261.42	3766716.48	0.35827
363301.42	3766716.48	0.48134	363321.42	3766716.48	0.55168
363341.42	3766716.48	0.63785	363361.42	3766716.48	0.74546
363381.42	3766716.48	0.88157	363401.42	3766716.48	1.05646
363421.42	3766716.48	1.28450	363881.42	3766716.48	0.65354
363901.42	3766716.48	0.52918	363921.42	3766716.48	0.43561
363941.42	3766716.48	0.36362	363961.42	3766716.48	0.30720
363981.42	3766716.48	0.26230	364021.42	3766716.48	0.19660
364041.42	3766716.48	0.17204	363221.42	3766736.48	0.26709
363241.42	3766736.48	0.29856	363281.42	3766736.48	0.38400
363301.42	3766736.48	0.43812	363321.42	3766736.48	0.52239
363341.42	3766736.48	0.60419	363361.42	3766736.48	0.70606
363381.42	3766736.48	0.83545	363401.42	3766736.48	1.00290
363441.42	3766736.48	1.51039	363461.42	3766736.48	1.90965
363881.42	3766736.48	0.92144	363901.42	3766736.48	0.73459

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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
363921.42	3766736.48	0.59587	363941.42	3766736.48	0.49055
363961.42	3766736.48	0.40908	364001.42	3766736.48	0.29390
364021.42	3766736.48	0.25285	364041.42	3766736.48	0.21908
364061.42	3766736.48	0.19122	363301.42	3766756.48	0.40833
363321.42	3766756.48	0.46927	363341.42	3766756.48	0.54330
363361.42	3766756.48	0.65876	363381.42	3766756.48	0.78115
363421.42	3766756.48	1.13532	363441.42	3766756.48	1.40421
363461.42	3766756.48	1.79083	363481.42	3766756.48	2.36169
363701.42	3766756.48	30.66062	363721.42	3766756.48	20.22791
363901.42	3766756.48	0.97773	363921.42	3766756.48	0.78733
363941.42	3766756.48	0.64328	363981.42	3766756.48	0.44533
364001.42	3766756.48	0.37615	364021.42	3766756.48	0.32099
364041.42	3766756.48	0.27620	364061.42	3766756.48	0.23936
364081.42	3766756.48	0.20885	363321.42	3766776.48	0.43292
363341.42	3766776.48	0.50032	363361.42	3766776.48	0.58433
363401.42	3766776.48	0.85695	363421.42	3766776.48	1.03831
363441.42	3766776.48	1.28378	363461.42	3766776.48	1.63639
363481.42	3766776.48	2.15473	363501.42	3766776.48	2.95184
363681.42	3766776.48	33.88070	363701.42	3766776.48	24.85472
363721.42	3766776.48	18.00634	363741.42	3766776.48	12.77202
363921.42	3766776.48	0.99768	363961.42	3766776.48	0.67152
363981.42	3766776.48	0.55985	364001.42	3766776.48	0.47122
364021.42	3766776.48	0.40021	364041.42	3766776.48	0.34264
364061.42	3766776.48	0.29550	364081.42	3766776.48	0.25660
363341.42	3766796.48	0.45731	363381.42	3766796.48	0.62445
363401.42	3766796.48	0.77167	363421.42	3766796.48	0.93140
363441.42	3766796.48	1.14635	363461.42	3766796.48	1.44802
363481.42	3766796.48	1.88190	363521.42	3766796.48	3.77270
363661.42	3766796.48	35.18337	363681.42	3766796.48	26.21287
363701.42	3766796.48	20.04916	363721.42	3766796.48	15.45257
363741.42	3766796.48	11.80268	363761.42	3766796.48	8.92133
363941.42	3766796.48	0.99046	363961.42	3766796.48	0.81874
363981.42	3766796.48	0.68311	364001.42	3766796.48	0.57500
364021.42	3766796.48	0.48737	364041.42	3766796.48	0.41641
364061.42	3766796.48	0.35834	363361.42	3766816.48	0.47781
363381.42	3766816.48	0.55956	363401.42	3766816.48	0.66144
363421.42	3766816.48	0.81879	363441.42	3766816.48	0.99379
363461.42	3766816.48	1.23665	363501.42	3766816.48	2.09898
363521.42	3766816.48	2.94814	363541.42	3766816.48	4.53441
363561.42	3766816.48	7.77024	363641.42	3766816.48	32.60982

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
363661.42	3766816.48	25.48215	363681.42	3766816.48	20.08931
363701.42	3766816.48	16.14065	363721.42	3766816.48	13.05110
363741.42	3766816.48	10.50352	363921.42	3766816.48	1.40669
363941.42	3766816.48	1.15984	363961.42	3766816.48	0.96414
363981.42	3766816.48	0.80787	364001.42	3766816.48	0.68208
364021.42	3766816.48	0.57857	364041.42	3766816.48	0.49466
363201.42	3766836.48	0.17468	363341.42	3766836.48	0.37534
363361.42	3766836.48	0.42806	363381.42	3766836.48	0.49602
363401.42	3766836.48	0.58101	363421.42	3766836.48	0.68774
363441.42	3766836.48	0.82420	363481.42	3766836.48	1.28623
363501.42	3766836.48	1.64674	363521.42	3766836.48	2.18835
363541.42	3766836.48	3.05092	363561.42	3766836.48	4.50275
363581.42	3766836.48	7.59699	363621.42	3766836.48	21.79025
363641.42	3766836.48	20.55026	363661.42	3766836.48	17.79327
363681.42	3766836.48	15.09975	363701.42	3766836.48	12.80461
363721.42	3766836.48	10.83719	363941.42	3766836.48	1.30951
363961.42	3766836.48	1.09767	363981.42	3766836.48	0.92562
364001.42	3766836.48	0.78508	364021.42	3766836.48	0.66927
363181.42	3766856.48	0.14976	363201.42	3766856.48	0.16329
363221.42	3766856.48	0.17894	363341.42	3766856.48	0.33864
363361.42	3766856.48	0.38327	363381.42	3766856.48	0.43705
363401.42	3766856.48	0.50666	363421.42	3766856.48	0.59332
363461.42	3766856.48	0.83335	363481.42	3766856.48	1.02995
363501.42	3766856.48	1.27491	363521.42	3766856.48	1.61334
363541.42	3766856.48	2.08201	363561.42	3766856.48	2.80521
363641.42	3766856.48	12.00403	363661.42	3766856.48	11.89071
363681.42	3766856.48	11.02404	363701.42	3766856.48	9.93020
363741.42	3766856.48	7.71172	363881.42	3766856.48	2.40252
363901.42	3766856.48	2.01531	363941.42	3766856.48	1.42948
363961.42	3766856.48	1.21069	363981.42	3766856.48	1.02967
364001.42	3766856.48	0.87950	363161.42	3766876.48	0.12985
363181.42	3766876.48	0.14042	363201.42	3766876.48	0.15279
363221.42	3766876.48	0.16657	363241.42	3766876.48	0.18217
363361.42	3766876.48	0.34236	363381.42	3766876.48	0.38625
363401.42	3766876.48	0.44164	363441.42	3766876.48	0.58939
363461.42	3766876.48	0.68755	363481.42	3766876.48	0.81599
363501.42	3766876.48	0.98972	363521.42	3766876.48	1.19906
363541.42	3766876.48	1.48275	363542.10	3766801.85	5.90294
363601.42	3766876.48	3.81012	363620.33	3766880.60	4.92178
363661.42	3766876.48	7.80756	363681.42	3766876.48	7.87102

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	** CONC OF OTHER IN MICROGRAMS/M**3 CONC	X-COORD (M)	Y-COORD (M)	** CONC
363721.42	3766876.48	7.00793	363741.42	3766876.48	6.38733
363761.42	3766876.48	5.72695	363801.42	3766876.48	4.43592
363881.42	3766876.48	2.42648	363901.42	3766876.48	2.07227
363921.42	3766876.48	1.76992	363961.42	3766876.48	1.29759
363981.42	3766876.48	1.11500	363141.42	3766896.48	0.11343
363161.42	3766896.48	0.12180	363181.42	3766896.48	0.13138
363201.42	3766896.48	0.14234	363221.42	3766896.48	0.15461
363241.42	3766896.48	0.16826	363381.42	3766896.48	0.34041
363461.42	3766896.48	0.56863	363481.42	3766896.48	0.65895
363501.42	3766896.48	0.76981	363521.42	3766896.48	0.91841
363581.42	3766896.48	1.77083	363601.42	3766896.48	2.43607
363623.37	3766901.69	3.12423	363641.42	3766896.48	4.41723
363701.42	3766896.48	5.63802	363721.42	3766896.48	5.48666
363761.42	3766896.48	4.82300	363781.42	3766896.48	4.40277
363801.42	3766896.48	3.96529	363821.42	3766896.48	3.52831
363861.42	3766896.48	2.73142	363881.42	3766896.48	2.38352
363901.42	3766896.48	2.07198	363141.42	3766916.48	0.10651
363161.42	3766916.48	0.11401	363181.42	3766916.48	0.12260
363201.42	3766916.48	0.13189	363221.42	3766916.48	0.14297
363261.42	3766916.48	0.16772	363281.42	3766916.48	0.18323
363481.42	3766916.48	0.53653	363501.42	3766916.48	0.61560
363594.01	3766905.63	1.82108	363621.42	3766916.48	2.25861
363641.42	3766916.48	2.89791	363649.26	3766910.18	3.56849
363721.42	3766916.48	4.25201	363741.42	3766916.48	4.17256
363761.42	3766916.48	3.99929	363781.42	3766916.48	3.75790
363801.42	3766916.48	3.47564	363841.42	3766916.48	2.86518
363861.42	3766916.48	2.56736	363881.42	3766916.48	2.28464
363901.42	3766916.48	2.02217	363921.42	3766916.48	1.78519
363141.42	3766936.48	0.09995	363161.42	3766936.48	0.10666
363181.42	3766936.48	0.11417	363201.42	3766936.48	0.12268
363241.42	3766936.48	0.14238	363261.42	3766936.48	0.15345
363281.42	3766936.48	0.16684	363301.42	3766936.48	0.18154
363321.42	3766936.48	0.19810	363601.42	3766936.48	1.26392
363621.42	3766936.48	1.59228	363641.42	3766936.48	2.01443
363681.42	3766936.48	2.83920	363741.42	3766936.48	3.31853
363761.42	3766936.48	3.28055	363781.42	3766936.48	3.16520
363821.42	3766936.48	2.80336	363841.42	3766936.48	2.58790
363861.42	3766936.48	2.36567	363881.42	3766936.48	2.14548
363901.42	3766936.48	1.93465	363921.42	3766936.48	1.73521
363141.42	3766956.48	0.09360	363161.42	3766956.48	0.09957

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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
363181.42	3766956.48	0.10615	363221.42	3766956.48	0.12187
363241.42	3766956.48	0.13060	363261.42	3766956.48	0.14040
363281.42	3766956.48	0.15183	363301.42	3766956.48	0.16429
363321.42	3766956.48	0.17809	363574.47	3766955.39	0.72889
363601.42	3766956.48	0.95298	363582.34	3766938.24	0.98431
363661.42	3766956.48	1.77480	363681.42	3766956.48	2.08109
363701.42	3766956.48	2.34123	363761.42	3766956.48	2.67316
363801.42	3766956.48	2.56171	363821.42	3766956.48	2.44568
363841.42	3766956.48	2.30403	363861.42	3766956.48	2.14684
363881.42	3766956.48	1.98262	363901.42	3766956.48	1.81730
363161.42	3766976.48	0.09267	363201.42	3766976.48	0.10508
363221.42	3766976.48	0.11209	363241.42	3766976.48	0.11989
363261.42	3766976.48	0.12869	363281.42	3766976.48	0.13826
363301.42	3766976.48	0.14878	363341.42	3766976.48	0.17329
363361.42	3766976.48	0.18727	363561.42	3766976.48	0.51526
363581.42	3766976.48	0.60778	363589.05	3766966.93	0.73324
363641.42	3766976.48	1.09612	363661.42	3766976.48	1.32365
363681.42	3766976.48	1.56059	363701.42	3766976.48	1.77922
363721.42	3766976.48	1.95466	363781.42	3766976.48	2.18908
363801.42	3766976.48	2.16312	363821.42	3766976.48	2.11187
363841.42	3766976.48	2.02733	363861.42	3766976.48	1.92262
363881.42	3766976.48	1.80536	363181.42	3766996.48	0.09142
363201.42	3766996.48	0.09712	363221.42	3766996.48	0.10336
363241.42	3766996.48	0.11019	363261.42	3766996.48	0.11765
363281.42	3766996.48	0.12586	363301.42	3766996.48	0.13477
363321.42	3766996.48	0.14439	363341.42	3766996.48	0.15486
363361.42	3766996.48	0.16651	363381.42	3766996.48	0.17924
363574.26	3766988.66	0.50568	363621.42	3766996.48	0.70588
363641.42	3766996.48	0.85053	363661.42	3766996.48	1.01853
363681.42	3766996.48	1.19563	363701.42	3766996.48	1.36961
363721.42	3766996.48	1.53389	363801.42	3766996.48	1.81805
363821.42	3766996.48	1.80984	363841.42	3766996.48	1.76687
363861.42	3766996.48	1.70231	363181.42	3767016.48	0.08471
363201.42	3767016.48	0.08984	363221.42	3767016.48	0.09540
363241.42	3767016.48	0.10135	363261.42	3767016.48	0.10769
363281.42	3767016.48	0.11471	363321.42	3767016.48	0.13031
363341.42	3767016.48	0.13898	363361.42	3767016.48	0.14872
363381.42	3767016.48	0.15918	363401.42	3767016.48	0.17091
363601.42	3767016.48	0.47905	363621.42	3767016.48	0.56907
363641.42	3767016.48	0.67740	363661.42	3767016.48	0.80281

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	** CONC OF OTHER IN MICROGRAMS/M**3 CONC	X-COORD (M)	Y-COORD (M)	** CONC
363681.42	3767016.48	0.93794	363701.42	3767016.48	1.07572
363741.42	3767016.48	1.32267	363761.42	3767016.48	1.41689
363821.42	3767016.48	1.53978	363841.42	3767016.48	1.52615
363201.42	3767036.48	0.08327	363221.42	3767036.48	0.08809
363241.42	3767036.48	0.09325	363261.42	3767036.48	0.09893
363301.42	3767036.48	0.11115	363321.42	3767036.48	0.11805
363341.42	3767036.48	0.12547	363361.42	3767036.48	0.13346
363381.42	3767036.48	0.14284	363601.42	3767036.48	0.39606
363621.42	3767036.48	0.46939	363641.42	3767036.48	0.55046
363661.42	3767036.48	0.64585	363681.42	3767036.48	0.75093
363721.42	3767036.48	0.96548	363741.42	3767036.48	1.06434
363761.42	3767036.48	1.14898	363781.42	3767036.48	1.21967
363221.42	3767056.48	0.08152	363241.42	3767056.48	0.08607
363281.42	3767056.48	0.09598	363301.42	3767056.48	0.10148
363321.42	3767056.48	0.10734	363341.42	3767056.48	0.11358
363361.42	3767056.48	0.12028	363641.42	3767056.48	0.45324
363661.42	3767056.48	0.52651	363701.42	3767056.48	0.69326
363721.42	3767056.48	0.78091	363741.42	3767056.48	0.86446
363761.42	3767056.48	0.94039	363261.42	3767076.48	0.08370
363281.42	3767076.48	0.08816	363301.42	3767076.48	0.09291
363321.42	3767076.48	0.09790	363341.42	3767076.48	0.10316
363681.42	3767076.48	0.49941	363701.42	3767076.48	0.56674
363721.42	3767076.48	0.63984	363741.42	3767076.48	0.71009
363486.88	3766687.33	2.97203	363539.08	3766668.74	9.50918
363586.21	3766653.86	5.22048	363594.34	3766644.37	3.89065
363611.96	3766627.43	2.85301	363623.03	3766637.82	3.49009
363638.39	3766651.82	5.03688	363651.72	3766665.60	7.70596
363665.95	3766678.48	11.37879	363625.29	3766666.51	7.74488
363608.12	3766683.45	12.93939	363624.16	3766701.07	15.75764
363639.29	3766715.07	22.26717	363623.71	3766727.05	22.33746
363702.70	3766703.29	17.87164	363576.93	3766687.11	21.41038
363588.44	3766697.44	17.71052	363603.20	3766711.02	16.36458
363562.76	3766700.69	19.75713	363577.82	3766710.43	16.34050
363591.69	3766724.30	16.17122	363545.34	3766718.99	7.99758
363561.58	3766731.98	10.17342	363574.28	3766744.96	12.89236
363528.52	3766740.83	5.11441	363555.97	3766764.15	9.53756
363571.03	3766780.68	16.74230	363582.83	3766763.26	18.09842
363589.33	3766769.17	22.42067	363604.97	3766731.98	20.37418
363544.46	3766753.23	7.04596			

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363781.42	3766476.48	0.63356	363801.42	3766476.48	0.56313
363761.42	3766496.48	0.85659	363781.42	3766496.48	0.74837
363801.42	3766496.48	0.65875	363741.42	3766516.48	1.20790
363761.42	3766516.48	1.03246	363781.42	3766516.48	0.89156
363841.42	3766516.48	0.60168	363261.42	3766536.48	0.28730
363721.42	3766536.48	1.79962	363741.42	3766536.48	1.49185
363761.42	3766536.48	1.25660	363781.42	3766536.48	1.07175
363821.42	3766536.48	0.80207	363841.42	3766536.48	0.70140
363241.42	3766556.48	0.24691	363261.42	3766556.48	0.27570
363281.42	3766556.48	0.30986	363701.42	3766556.48	2.91560
363721.42	3766556.48	2.30254	363741.42	3766556.48	1.86824
363761.42	3766556.48	1.54689	363801.42	3766556.48	1.10672
363821.42	3766556.48	0.95067	363221.42	3766576.48	0.21087
363241.42	3766576.48	0.23544	363261.42	3766576.48	0.26502
363496.24	3766680.55	0.84013	363496.29	3766713.80	0.75962
363721.42	3766576.48	3.01899	363741.42	3766576.48	2.38246
363781.42	3766576.48	1.59692	363801.42	3766576.48	1.33923
363201.42	3766596.48	0.18557	363221.42	3766596.48	0.20314
363241.42	3766596.48	0.22538	363281.42	3766596.48	0.27994
363301.42	3766596.48	0.31474	363321.42	3766596.48	0.35345
363575.20	3766590.38	4.37617	363592.94	3766607.09	4.48623
363763.73	3766588.02	2.16176	363781.42	3766596.48	1.99002
363181.42	3766616.48	0.16606	363201.42	3766616.48	0.18045
363221.42	3766616.48	0.19638	363261.42	3766616.48	0.23745
363281.42	3766616.48	0.26348	363301.42	3766616.48	0.29556
363321.42	3766616.48	0.33458	363341.42	3766616.48	0.37556
363544.61	3766623.39	1.83961	363561.42	3766616.48	2.42746
363510.36	3766688.48	0.91643	363901.42	3766616.48	0.85793
363921.42	3766616.48	0.74203	363161.42	3766636.48	0.14869
363181.42	3766636.48	0.16103	363201.42	3766636.48	0.17484
363241.42	3766636.48	0.20721	363261.42	3766636.48	0.22674
363281.42	3766636.48	0.24986	363301.42	3766636.48	0.27729
363321.42	3766636.48	0.31271	363341.42	3766636.48	0.35465
363526.20	3766643.12	1.30280	363541.42	3766636.48	1.58955
363561.42	3766636.48	1.97946	363881.42	3766636.48	1.18118
363901.42	3766636.48	1.00376	363141.42	3766656.48	0.13344
363161.42	3766656.48	0.14400	363181.42	3766656.48	0.15558
363221.42	3766656.48	0.18337	363241.42	3766656.48	0.19985
363261.42	3766656.48	0.21841	363281.42	3766656.48	0.23896
363301.42	3766656.48	0.26460	363321.42	3766656.48	0.29614

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363361.42	3766656.48	0.36921	363381.42	3766656.48	0.41997
363579.25	3766623.97	2.82226	363521.42	3766656.48	1.15257
363541.42	3766656.48	1.38951	363861.42	3766656.48	1.70053
363881.42	3766656.48	1.40987	363941.42	3766656.48	0.85896
363161.42	3766676.48	0.13893	363201.42	3766676.48	0.16231
363221.42	3766676.48	0.17603	363241.42	3766676.48	0.19162
363261.42	3766676.48	0.20916	363281.42	3766676.48	0.22927
363301.42	3766676.48	0.25231	363341.42	3766676.48	0.30853
363361.42	3766676.48	0.34251	363381.42	3766676.48	0.38787
363401.42	3766676.48	0.44266	363521.88	3766687.37	1.01290
363519.69	3766667.84	1.07295	363841.42	3766676.48	2.62347
363861.42	3766676.48	2.09401	363921.42	3766676.48	1.18434
363941.42	3766676.48	1.00223	363961.42	3766676.48	0.85518
363981.42	3766676.48	0.73469	364001.42	3766676.48	0.63498
363181.42	3766696.48	0.14416	363201.42	3766696.48	0.15618
363221.42	3766696.48	0.16927	363241.42	3766696.48	0.18360
363261.42	3766696.48	0.19957	363281.42	3766696.48	0.21851
363321.42	3766696.48	0.26416	363341.42	3766696.48	0.29154
363361.42	3766696.48	0.32399	363381.42	3766696.48	0.36395
363401.42	3766696.48	0.41107	363421.42	3766696.48	0.46944
363481.42	3766696.48	0.71044	363503.53	3766703.58	0.82739
363901.42	3766696.48	1.71294	363921.42	3766696.48	1.41516
363941.42	3766696.48	1.18217	363961.42	3766696.48	0.99712
363981.42	3766696.48	0.84789	364001.42	3766696.48	0.72599
363201.42	3766716.48	0.14973	363221.42	3766716.48	0.16190
363241.42	3766716.48	0.17530	363261.42	3766716.48	0.19066
363301.42	3766716.48	0.22844	363321.42	3766716.48	0.25115
363341.42	3766716.48	0.27714	363361.42	3766716.48	0.30713
363381.42	3766716.48	0.34257	363401.42	3766716.48	0.38553
363421.42	3766716.48	0.43758	363881.42	3766716.48	2.67782
363901.42	3766716.48	2.12325	363921.42	3766716.48	1.71831
363941.42	3766716.48	1.41233	363961.42	3766716.48	1.17475
363981.42	3766716.48	0.98651	364021.42	3766716.48	0.71402
364041.42	3766716.48	0.61443	363221.42	3766736.48	0.15399
363241.42	3766736.48	0.16687	363281.42	3766736.48	0.19827
363301.42	3766736.48	0.21701	363321.42	3766736.48	0.23809
363341.42	3766736.48	0.26253	363361.42	3766736.48	0.29092
363381.42	3766736.48	0.32437	363401.42	3766736.48	0.36395
363441.42	3766736.48	0.46848	363461.42	3766736.48	0.54076
363881.42	3766736.48	3.51406	363901.42	3766736.48	2.69672

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363921.42	3766736.48	2.12749	363941.42	3766736.48	1.71312
363961.42	3766736.48	1.40035	364001.42	3766736.48	0.96767
364021.42	3766736.48	0.81865	364041.42	3766736.48	0.69732
364061.42	3766736.48	0.59890	363301.42	3766756.48	0.20565
363321.42	3766756.48	0.22560	363341.42	3766756.48	0.24840
363361.42	3766756.48	0.27443	363381.42	3766756.48	0.30712
363421.42	3766756.48	0.38743	363441.42	3766756.48	0.44021
363461.42	3766756.48	0.51309	363481.42	3766756.48	0.61470
363701.42	3766756.48	12.51621	363721.42	3766756.48	9.51356
363901.42	3766756.48	3.53051	363921.42	3766756.48	2.69731
363941.42	3766756.48	2.11529	363981.42	3766756.48	1.37425
364001.42	3766756.48	1.12388	364021.42	3766756.48	0.93886
364041.42	3766756.48	0.79329	364061.42	3766756.48	0.67564
364081.42	3766756.48	0.58081	363321.42	3766776.48	0.21319
363341.42	3766776.48	0.23464	363361.42	3766776.48	0.25950
363401.42	3766776.48	0.32440	363421.42	3766776.48	0.36588
363441.42	3766776.48	0.41684	363461.42	3766776.48	0.48535
363481.42	3766776.48	0.57609	363501.42	3766776.48	0.69049
363681.42	3766776.48	12.07400	363701.42	3766776.48	8.73172
363721.42	3766776.48	7.10915	363741.42	3766776.48	6.39714
363921.42	3766776.48	3.52625	363961.42	3766776.48	2.07817
363981.42	3766776.48	1.64874	364001.42	3766776.48	1.32821
364021.42	3766776.48	1.08878	364041.42	3766776.48	0.90615
364061.42	3766776.48	0.76408	364081.42	3766776.48	0.65261
363341.42	3766796.48	0.22112	363381.42	3766796.48	0.27170
363401.42	3766796.48	0.30443	363421.42	3766796.48	0.34428
363441.42	3766796.48	0.39322	363461.42	3766796.48	0.45626
363481.42	3766796.48	0.53520	363521.42	3766796.48	0.80437
363661.42	3766796.48	11.77669	363681.42	3766796.48	8.25374
363701.42	3766796.48	6.48274	363721.42	3766796.48	5.52073
363741.42	3766796.48	5.06609	363761.42	3766796.48	5.03548
363941.42	3766796.48	3.48008	363961.42	3766796.48	2.60706
363981.42	3766796.48	2.00696	364001.42	3766796.48	1.58198
364021.42	3766796.48	1.26838	364041.42	3766796.48	1.03936
364061.42	3766796.48	0.86794	363361.42	3766816.48	0.22869
363381.42	3766816.48	0.25490	363401.42	3766816.48	0.28533
363421.42	3766816.48	0.32140	363441.42	3766816.48	0.36553
363461.42	3766816.48	0.42280	363501.42	3766816.48	0.59518
363521.42	3766816.48	0.73848	363541.42	3766816.48	0.97083
363561.42	3766816.48	1.36872	363641.42	3766816.48	7.81073

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363661.42	3766816.48	7.80579	363681.42	3766816.48	6.01767
363701.42	3766816.48	4.98971	363721.42	3766816.48	4.40279
363741.42	3766816.48	4.11199	363921.42	3766816.48	7.10423
363941.42	3766816.48	4.75908	363961.42	3766816.48	3.37166
363981.42	3766816.48	2.48569	364001.42	3766816.48	1.89442
364021.42	3766816.48	1.48539	364041.42	3766816.48	1.19689
363201.42	3766836.48	0.11097	363341.42	3766836.48	0.19483
363361.42	3766836.48	0.21358	363381.42	3766836.48	0.23719
363401.42	3766836.48	0.26543	363421.42	3766836.48	0.29875
363441.42	3766836.48	0.33876	363481.42	3766836.48	0.45463
363501.42	3766836.48	0.54258	363521.42	3766836.48	0.67045
363541.42	3766836.48	0.86740	363561.42	3766836.48	1.20460
363581.42	3766836.48	1.93870	363621.42	3766836.48	4.36593
363641.42	3766836.48	6.66612	363661.42	3766836.48	5.34914
363681.42	3766836.48	4.46577	363701.42	3766836.48	3.89901
363721.42	3766836.48	3.55293	363941.42	3766836.48	7.03175
363961.42	3766836.48	4.56981	363981.42	3766836.48	3.15630
364001.42	3766836.48	2.29839	364021.42	3766836.48	1.75066
363181.42	3766856.48	0.09831	363201.42	3766856.48	0.10522
363221.42	3766856.48	0.11305	363341.42	3766856.48	0.18261
363361.42	3766856.48	0.19972	363381.42	3766856.48	0.21957
363401.42	3766856.48	0.24505	363421.42	3766856.48	0.27620
363461.42	3766856.48	0.35497	363481.42	3766856.48	0.41111
363501.42	3766856.48	0.48814	363521.42	3766856.48	0.59443
363541.42	3766856.48	0.74270	363561.42	3766856.48	0.97665
363641.42	3766856.48	3.63565	363661.42	3766856.48	3.52852
363681.42	3766856.48	3.26512	363701.42	3766856.48	3.02935
363741.42	3766856.48	2.76470	363881.42	3766856.48	7.85671
363901.42	3766856.48	11.02803	363941.42	3766856.48	11.80052
363961.42	3766856.48	6.66922	363981.42	3766856.48	4.14385
364001.42	3766856.48	2.82149	363161.42	3766876.48	0.08779
363181.42	3766876.48	0.09345	363201.42	3766876.48	0.10007
363221.42	3766876.48	0.10719	363241.42	3766876.48	0.11501
363361.42	3766876.48	0.18676	363381.42	3766876.48	0.20437
363401.42	3766876.48	0.22669	363441.42	3766876.48	0.28452
363461.42	3766876.48	0.32169	363481.42	3766876.48	0.37058
363501.42	3766876.48	0.43247	363521.42	3766876.48	0.51178
363541.42	3766876.48	0.61920	363542.10	3766801.85	1.03382
363601.42	3766876.48	1.25720	363620.33	3766880.60	1.49090
363661.42	3766876.48	2.30173	363681.42	3766876.48	2.34913

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363721.42	3766876.48	2.28280	363741.42	3766876.48	2.26217
363761.42	3766876.48	2.27684	363801.42	3766876.48	2.50475
363881.42	3766876.48	5.05598	363901.42	3766876.48	7.33807
363921.42	3766876.48	12.41727	363961.42	3766876.48	10.91007
363981.42	3766876.48	5.59897	363141.42	3766896.48	0.07873
363161.42	3766896.48	0.08342	363181.42	3766896.48	0.08877
363201.42	3766896.48	0.09485	363221.42	3766896.48	0.10148
363241.42	3766896.48	0.10862	363381.42	3766896.48	0.18997
363461.42	3766896.48	0.28980	363481.42	3766896.48	0.33033
363501.42	3766896.48	0.37906	363521.42	3766896.48	0.44056
363581.42	3766896.48	0.73478	363601.42	3766896.48	0.89093
363623.37	3766901.69	1.03300	363641.42	3766896.48	1.35333
363701.42	3766896.48	1.77240	363721.42	3766896.48	1.81043
363761.42	3766896.48	1.88223	363781.42	3766896.48	1.95232
363801.42	3766896.48	2.06365	363821.42	3766896.48	2.22517
363861.42	3766896.48	2.89274	363881.42	3766896.48	3.53243
363901.42	3766896.48	4.59632	363141.42	3766916.48	0.07491
363161.42	3766916.48	0.07926	363181.42	3766916.48	0.08427
363201.42	3766916.48	0.08948	363221.42	3766916.48	0.09587
363261.42	3766916.48	0.10909	363281.42	3766916.48	0.11742
363481.42	3766916.48	0.29236	363501.42	3766916.48	0.33196
363594.01	3766905.63	0.73125	363621.42	3766916.48	0.81356
363641.42	3766916.48	0.96648	363649.26	3766910.18	1.13734
363721.42	3766916.48	1.43566	363741.42	3766916.48	1.49276
363761.42	3766916.48	1.55283	363781.42	3766916.48	1.62182
363801.42	3766916.48	1.70844	363841.42	3766916.48	1.99372
363861.42	3766916.48	2.24061	363881.42	3766916.48	2.59551
363901.42	3766916.48	3.11190	363921.42	3766916.48	3.90617
363141.42	3766936.48	0.07148	363161.42	3766936.48	0.07553
363181.42	3766936.48	0.08003	363201.42	3766936.48	0.08516
363241.42	3766936.48	0.09663	363261.42	3766936.48	0.10273
363281.42	3766936.48	0.11040	363301.42	3766936.48	0.11859
363321.42	3766936.48	0.12772	363601.42	3766936.48	0.56186
363621.42	3766936.48	0.63412	363641.42	3766936.48	0.73756
363681.42	3766936.48	0.96533	363741.42	3766936.48	1.21279
363761.42	3766936.48	1.27870	363781.42	3766936.48	1.34635
363821.42	3766936.48	1.50572	363841.42	3766936.48	1.61952
363861.42	3766936.48	1.77169	363881.42	3766936.48	1.97261
363901.42	3766936.48	2.23126	363921.42	3766936.48	2.58857
363141.42	3766956.48	0.06823	363161.42	3766956.48	0.07197

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363181.42	3766956.48	0.07607	363221.42	3766956.48	0.08588
363241.42	3766956.48	0.09110	363261.42	3766956.48	0.09693
363281.42	3766956.48	0.10387	363301.42	3766956.48	0.11129
363321.42	3766956.48	0.11943	363574.47	3766955.39	0.38948
363601.42	3766956.48	0.45792	363582.34	3766938.24	0.48442
363661.42	3766956.48	0.67141	363681.42	3766956.48	0.76063
363701.42	3766956.48	0.84603	363761.42	3766956.48	1.05694
363801.42	3766956.48	1.17981	363821.42	3766956.48	1.25133
363841.42	3766956.48	1.33357	363861.42	3766956.48	1.43274
363881.42	3766956.48	1.55369	363901.42	3766956.48	1.70020
363161.42	3766976.48	0.06848	363201.42	3766976.48	0.07659
363221.42	3766976.48	0.08108	363241.42	3766976.48	0.08607
363261.42	3766976.48	0.09175	363281.42	3766976.48	0.09785
363301.42	3766976.48	0.10451	363341.42	3766976.48	0.12008
363361.42	3766976.48	0.12891	363561.42	3766976.48	0.30520
363581.42	3766976.48	0.33710	363589.05	3766966.93	0.38358
363641.42	3766976.48	0.47506	363661.42	3766976.48	0.54193
363681.42	3766976.48	0.61380	363701.42	3766976.48	0.68517
363721.42	3766976.48	0.75127	363781.42	3766976.48	0.93194
363801.42	3766976.48	0.98400	363821.42	3766976.48	1.04601
363841.42	3766976.48	1.10896	363861.42	3766976.48	1.17765
363881.42	3766976.48	1.25630	363181.42	3766996.48	0.06877
363201.42	3766996.48	0.07263	363221.42	3766996.48	0.07686
363241.42	3766996.48	0.08148	363261.42	3766996.48	0.08650
363281.42	3766996.48	0.09204	363301.42	3766996.48	0.09805
363321.42	3766996.48	0.10450	363341.42	3766996.48	0.11152
363361.42	3766996.48	0.11948	363381.42	3766996.48	0.12821
363574.26	3766988.66	0.29713	363621.42	3766996.48	0.35443
363641.42	3766996.48	0.39667	363661.42	3766996.48	0.44774
363681.42	3766996.48	0.50381	363701.42	3766996.48	0.56176
363721.42	3766996.48	0.62216	363801.42	3766996.48	0.82658
363821.42	3766996.48	0.87986	363841.42	3766996.48	0.92952
363861.42	3766996.48	0.97982	363181.42	3767016.48	0.06527
363201.42	3767016.48	0.06894	363221.42	3767016.48	0.07290
363241.42	3767016.48	0.07711	363261.42	3767016.48	0.08155
363281.42	3767016.48	0.08655	363321.42	3767016.48	0.09764
363341.42	3767016.48	0.10380	363361.42	3767016.48	0.11095
363381.42	3767016.48	0.11861	363401.42	3767016.48	0.12734
363601.42	3767016.48	0.27450	363621.42	3767016.48	0.30467
363641.42	3767016.48	0.33770	363661.42	3767016.48	0.37648

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

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: OFFSITE ***
*** 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
363681.42	3767016.48	0.41967	363701.42	3767016.48	0.46792
363741.42	3767016.48	0.56344	363761.42	3767016.48	0.61024
363821.42	3767016.48	0.74229	363841.42	3767016.48	0.78255
363201.42	3767036.48	0.06551	363221.42	3767036.48	0.06906
363241.42	3767036.48	0.07285	363261.42	3767036.48	0.07713
363301.42	3767036.48	0.08618	363321.42	3767036.48	0.09142
363341.42	3767036.48	0.09711	363361.42	3767036.48	0.10329
363381.42	3767036.48	0.11098	363601.42	3767036.48	0.23647
363621.42	3767036.48	0.26565	363641.42	3767036.48	0.29176
363661.42	3767036.48	0.32224	363681.42	3767036.48	0.35616
363721.42	3767036.48	0.43233	363741.42	3767036.48	0.47246
363761.42	3767036.48	0.51061	363781.42	3767036.48	0.55119
363221.42	3767056.48	0.06549	363241.42	3767056.48	0.06900
363281.42	3767056.48	0.07668	363301.42	3767056.48	0.08105
363321.42	3767056.48	0.08578	363341.42	3767056.48	0.09084
363361.42	3767056.48	0.09633	363641.42	3767056.48	0.25236
363661.42	3767056.48	0.27718	363701.42	3767056.48	0.33252
363721.42	3767056.48	0.36389	363741.42	3767056.48	0.39583
363761.42	3767056.48	0.42933	363261.42	3767076.48	0.06862
363281.42	3767076.48	0.07230	363301.42	3767076.48	0.07631
363321.42	3767076.48	0.08058	363341.42	3767076.48	0.08511
363681.42	3767076.48	0.26173	363701.42	3767076.48	0.28414
363721.42	3767076.48	0.31103	363741.42	3767076.48	0.33791
363486.88	3766687.33	0.76254	363539.08	3766668.74	1.27319
363586.21	3766653.86	2.27282	363594.34	3766644.37	2.73860
363611.96	3766627.43	4.42906	363623.03	3766637.82	4.53499
363638.39	3766651.82	4.75755	363651.72	3766665.60	4.90813
363665.95	3766678.48	5.39371	363625.29	3766666.51	3.29730
363608.12	3766683.45	2.39474	363624.16	3766701.07	2.73916
363639.29	3766715.07	3.39044	363623.71	3766727.05	2.85019
363702.70	3766703.29	10.01622	363576.93	3766687.11	1.69071
363588.44	3766697.44	1.84304	363603.20	3766711.02	2.12498
363562.76	3766700.69	1.40904	363577.82	3766710.43	1.60920
363591.69	3766724.30	1.87192	363545.34	3766718.99	1.15009
363561.58	3766731.98	1.33839	363574.28	3766744.96	1.56694
363528.52	3766740.83	0.95074	363555.97	3766764.15	1.27540
363571.03	3766780.68	1.64280	363582.83	3766763.26	1.86632
363589.33	3766769.17	2.14490	363604.97	3766731.98	2.24718
363544.46	3766753.23	1.10878			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	35.18337 AT	(363661.42,	3766796.48,	49.88,	49.88,	0.00)	DC	
	2ND HIGHEST VALUE IS	33.88070 AT	(363681.42,	3766776.48,	49.01,	49.01,	0.00)	DC	
	3RD HIGHEST VALUE IS	32.60982 AT	(363641.42,	3766816.48,	50.82,	50.82,	0.00)	DC	
	4TH HIGHEST VALUE IS	30.66062 AT	(363701.42,	3766756.48,	48.53,	48.53,	0.00)	DC	
	5TH HIGHEST VALUE IS	26.21287 AT	(363681.42,	3766796.48,	49.41,	49.41,	0.00)	DC	
	6TH HIGHEST VALUE IS	25.48215 AT	(363661.42,	3766816.48,	50.26,	50.26,	0.00)	DC	
	7TH HIGHEST VALUE IS	24.85472 AT	(363701.42,	3766776.48,	48.76,	48.76,	0.00)	DC	
	8TH HIGHEST VALUE IS	22.42067 AT	(363589.33,	3766769.17,	50.73,	50.73,	0.00)	DC	
	9TH HIGHEST VALUE IS	22.33746 AT	(363623.71,	3766727.05,	49.44,	49.44,	0.00)	DC	
	10TH HIGHEST VALUE IS	22.26717 AT	(363639.29,	3766715.07,	49.07,	49.07,	0.00)	DC	
OFFSITE	1ST HIGHEST VALUE IS	12.51621 AT	(363701.42,	3766756.48,	48.53,	48.53,	0.00)	DC	
	2ND HIGHEST VALUE IS	12.41727 AT	(363921.42,	3766876.48,	49.82,	49.82,	0.00)	DC	
	3RD HIGHEST VALUE IS	12.07400 AT	(363681.42,	3766776.48,	49.01,	49.01,	0.00)	DC	
	4TH HIGHEST VALUE IS	11.80052 AT	(363941.42,	3766856.48,	49.67,	49.67,	0.00)	DC	
	5TH HIGHEST VALUE IS	11.77669 AT	(363661.42,	3766796.48,	49.88,	49.88,	0.00)	DC	
	6TH HIGHEST VALUE IS	11.02803 AT	(363901.42,	3766856.48,	49.27,	49.27,	0.00)	DC	
	7TH HIGHEST VALUE IS	10.91007 AT	(363961.42,	3766876.48,	50.20,	50.20,	0.00)	DC	
	8TH HIGHEST VALUE IS	10.01622 AT	(363702.70,	3766703.29,	48.45,	48.45,	0.00)	DC	
	9TH HIGHEST VALUE IS	9.51356 AT	(363721.42,	3766756.48,	48.47,	48.47,	0.00)	DC	
	10TH HIGHEST VALUE IS	8.73172 AT	(363701.42,	3766776.48,	48.76,	48.76,	0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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   1087   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   1087   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ****
   *** AERMOD Finishes Successfully ***
   ****

Appendix C. Construction Risk Calculations

Table C1
Residential MER Concentrations for Risk Calculations

Contaminant	Source		Model Output [1] ($\mu g/m^3$)	Emission Rates [2] (g/s)	MEIR Conc. ($\mu g/m^3$)	Total MEIR Conc. Annual Average ($\mu g/m^3$)
(a)	(b)		(c)	(g)	(h)	(i)
Residential Receptors			**With PDF AQ-4, Tier 4 Final > 25 hp**			
DPM	2023	On-Site Emissions	35.18	7.58E-04	2.67E-02	2.67E-02
		Truck Route	11.78	3.41E-06	4.02E-05	
[Phase 1]	2024	On-Site Emissions	35.18	1.03E-03	3.63E-02	3.63E-02
		Truck Route	11.78	2.32E-06	2.73E-05	
	2025	On-Site Emissions	29.58	8.67E-04	2.57E-02	2.57E-02
		Truck Route	2.39	3.28E-06	7.85E-06	
[Phase 2]	2026	On-Site Emissions	29.58	1.12E-03	3.31E-02	3.31E-02
		Truck Route	2.39	2.32E-06	5.56E-06	
	2028	On-Site Emissions	35.72	7.27E-04	2.60E-02	2.60E-02
		Truck Route	7.81	3.56E-06	2.78E-05	
	2029	On-Site Emissions	35.72	3.62E-06	1.29E-04	1.29E-04
[Phase 3]		Truck Route	7.81	8.89E-09	6.94E-08	
	2030	On-Site Emissions	35.72	1.05E-03	3.75E-02	3.75E-02
		Truck Route	7.81	2.32E-06	1.81E-05	

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).

Table C2
Residential MER Health Risk Calculations
Unmitigated Scenario

Source		MEIR Conc. ($\mu g/m^3$)	Weight Fraction	Contaminant	URF $(\mu g/m^3)^{-1}$	CPF $(mg/kg/day)^{-1}$	Dose (by age bin) 3rd Trimester (mg/kg-day)	Dose (by age bin) 0 < 2 years (mg/kg-day)	Dose (by age bin) 2 < 9 years (mg/kg-day)	Carcinogenic Risks (by age bin) 3rd Trimester per million	Carcinogenic Risks (by age bin) 0 < 2 years per million	Carcinogenic Risks (by age bin) 2 < 9 years per million	**Total Cancer Risk** per million	**Chronic Hazards [3]** REL ($\mu g/m^3$)	**Chronic Hazards [3]** RESP
(a)		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
With PDF AQ-4, Tier 4 Final > 25 hp															
2023	On & Off-Site Emissions	2.67E-02	1.0E+00	DPM	3.0E-04	1.1E+00	9.25E-06	2.79E-05		2.95E-01	1.05E+00		1.3	5.0E+00	5.34E-03
2024		3.63E-02						3.80E-05			4.64E+00		4.6		7.27E-03
2025		2.57E-02						2.68E-05	2.12E-05		1.41E+00	9.40E-02	1.5		5.13E-03
2026		3.31E-02						3.46E-05	2.73E-05			8.38E-01	0.8		6.62E-03
2027		0.00E+00							0.00E+00			0.00E+00	0.0		0.00E+00
2028		2.60E-02							2.15E-05			3.80E-01	0.4		5.20E-03
2029		1.29E-04							1.07E-07			3.46E-03	0.0		2.59E-05
2030		3.75E-02							3.10E-05			1.88E-01	0.2		7.50E-03
												Total	**8.9**		**0.037**

		OEHHA age bin	3rd Trimester	0 < 2 years	2 < 9 years
		exposure year(s)	2023	2023-2025	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

exposure durations per age bin		exposure durations (year)		
Construction Year	Const Duration [2]	3rd Trimester	0 < 2 years	2 < 9 years
2023	0.55	0.25	0.30	
2024	0.96		0.96	
2025	0.55		0.41	0.14
2026	0.95			0.95
2027	0.00			0.00
2028	0.55			0.55
2029	1.00			1.00
2030	0.19			0.19
Total	4.73			

[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.

Table C4
Middle/High School MER Concentrations for Risk Calculations

Contaminant		Source	Emission Rates [2] (g/s)	Maximum Exposed School Receptor Conc. ($\mu g/m^3$)	Total Maximum Exposed School Receptor Conc. Annual Average ($\mu g/m^3$)
(a)		(b)	(g)	(h)	(i)
Student Receptors			**With PDF AQ-4, Tier 4 Final > 25 hp**		
DPM	2023	On-Site Emissions	7.58E-04	1.70E-02	1.70E-02
		Truck Route	3.41E-06	7.32E-06	
[Phase 1]	2024	On-Site Emissions	1.03E-03	2.31E-02	2.31E-02
		Truck Route	2.32E-06	4.98E-06	
	2025	On-Site Emissions	8.67E-04	2.45E-02	2.45E-02
		Truck Route	3.28E-06	1.24E-05	
[Phase 2]	2026	On-Site Emissions	1.12E-03	3.15E-02	3.15E-02
		Truck Route	2.32E-06	8.76E-06	
	2028	On-Site Emissions	7.27E-04	2.47E-02	2.47E-02
		Truck Route	3.56E-06	4.14E-06	
	2029	On-Site Emissions	3.62E-06	1.23E-04	1.23E-04
[Phase 3]		Truck Route	8.89E-09	1.03E-08	
	2030	On-Site Emissions	1.05E-03	3.56E-02	3.56E-02
		Truck Route	2.32E-06	2.69E-06	
				Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations	

[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 C5
Middle School/High School Health Risk Calculations

Source		MER	Weight	Contaminant			Dose (by age bin)	Exposure Duration[2]	Carcinogenic Risks	**Chronic Hazards [3]**	
		Conc.	Fraction		URF	CPF	Elementary School (K-5)		Elementary School (K-5	REL	RESP
		($\mu g/m^3$)			$(\mu g/m^3)^{-1}$	$(mg/kg/day)^{-1}$	(mg/kg-day)	(yr)	per million	($\mu g/m^3$)	
(a)		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
With PDF AQ-4, Tier 4 Final > 25 hp											
2023	On & Off-Site Emissions	1.70E-02	1.0E+00	DPM	3.0E-04	1.1E+00	4.36E-06	0.55	0.11	5.0E+00	3.40E-03
2024		2.31E-02					5.93E-06	0.96	0.26		4.63E-03
2025		2.45E-02					6.27E-06	0.55	0.15		4.89E-03
2026		3.15E-02					8.09E-06	0.95	0.34		6.31E-03
2027		0.00E+00					0.00E+00	0.00	0.00		0.00E+00
2028		2.47E-02					6.33E-06	0.55	0.16		4.93E-03
2029		1.23E-04					3.15E-08	1.00	0.00		2.46E-05
2030		3.56E-02					9.13E-06	0.19	0.08		7.12E-03
								See below for summed cancer risk calculation			Summed below

		Elementary School (K-5)
	OEHHA age bin	2 < 16 years
	exposure year(s)	2022-2031
Dose Exposure Factors:	exposure frequency (days/year)	180
	8-hour inhalation rate (L/kg-day) [1]	520
	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

[1] Inhalation rate taken as the 8-hour 95th percentile breathing rates, Moderate Activity (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.

Cancer Risk - Elementary School			
Start Yr	End Yr	Cancer Risk Summary	Chronic Hazards - Elementary School
2023	2029	1.10	0.031
2024	2030	0.73	0.023
Max Unmitigated Risk (with PDF AQ-4)		**1.10**	**0.031**