HEALTH RISK ASSESSMENT

SLOVER-JUNIPER INDUSTRIAL BUILDING PROJECT

FONTANA, CALIFORNIA

LSA

August 2020

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LIST OF ABBREVIATIONS AND ACRONYMS

$\mu g/m^3$	millions per microgram per cubic meter
AB	Assembly Bill
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
Basin	South Coast Air Basin
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CARB Handbook	California Air Resources Board *Air Quality and Land Use Handbook: A Community Health Perspective*
CEQA	California Environmental Quality Act
DPM	diesel particulate matter
EMFAC2017	California Emissions Factor Model, Version 2017
EPA	United States Environmental Protection Agency
ft	foot/feet
HARP	Hotspots Analysis and Reporting Program, Version 2
HI	Hazard Index
HRA	health risk assessment
I-10	Interstate 10
MEI	maximum exposed individual
mi	mile/miles
MICR	maximum individual cancer risk
mph	miles per hour
OEHHA	Office of Environmental Health Hazard Assessment
PM_{10}	particulate matter less than 10 microns in size
$PM_{2.5}$	particulate matter less than 2.5 microns in size
project	Slover-Juniper Industrial Building Project
ROG	reactive organic gas
SCAQMD	South Coast Air Quality Management District
sf	square foot/feet
TAC	toxic air contaminant
URF	unit risk factor

1.0 INTRODUCTION

LSA has prepared a health risk assessment (HRA) for the proposed Slover-Juniper Industrial Building Project (project) in Fontana, California. The proposed project involves the development of a warehouse building for industrial uses. The proposed project would begin construction in late 2021 or early 2022 and begin operations 6 to 8 months later.

An HRA is a process used to estimate the increased health risk levels for people living and/or working near a project that emits toxic air contaminants (TACs). An HRA combines results of studies on the health effects of various animal and human exposure to TACs with results of studies that estimate the exposure levels at different distances from the source of pollutants. The purpose of the HRA is to document the increased cancer and noncancer health risk levels from project-related emissions of TACs on existing nearby sensitive receptors, including residents and/or workers.

The City of Fontana recommends the preparation of an HRA in accordance with policies and procedures of the State Office of Environmental Health Hazard Assessment (OEHHA) and the South Coast Air Quality Management District (SCAQMD). This HRA evaluates all of these criteria in compliance with applicable requirements.

1.1 BACKGROUND

This section provides a discussion of regulatory guidance from the California Air Resources Board (CARB), the OEHHA, California Air Pollution Control Officers Association (CAPCOA), and the SCAQMD.

1.1.1 California Air Resources Board Handbook and Technical Advisory

CARB has developed an *Air Quality and Land Use Handbook* (CARB Handbook; 2005) and a supplement, *Strategies to Reduce Air Pollution Exposure Near High-Volume Roadways: Technical Advisory* (CARB 2017), that are intended to serve as general reference guides for evaluating and reducing air pollution impacts associated with new projects that are part of the land use decision-making process. According to the CARB Handbook, recent air pollution studies have shown an association between both respiratory and other noncancer health effects and proximity to high-traffic roadways. Other studies have shown that diesel exhaust and other cancer-causing chemicals emitted from cars and trucks are responsible for much of the overall cancer risk from airborne toxics in California. The CARB Handbook recommends that planning agencies recognize that the configuration of warehouse and distribution centers can reduce population exposure and risk. For example, locating the main entry and exit points away from sensitive land uses helps to reduce cancer risks and other health impacts.

1.1.2 Office of Environmental Health and Hazard Assessment Guidelines

OEHHA developed the *Air Toxics Hot Spots Program Guidance Manual* (OEHHA 2015) in conjunction with the CARB, for use in implementing the Air Toxics Hot Spots Program (Health and Safety Code Section 44360). The manual describes health effects values, exposure pathway variates (e.g., breathing rates), and a tiered approach for performing HRAs based on current science and policy

assessment. The intent of the guidance manual is to incorporate children's health concerns, update risk assessment practices, and to provide consistent risk assessment procedures.

1.1.3 California Air Pollution Control Officers Association

In 2009, the CAPCOA published guidance (CAPCOA 2009) on assessing the health risk impacts from and to proposed land use projects, focusing on the acute, chronic, and cancer impacts of sources affected by California Environmental Quality Act (CEQA). The document recommends procedures to identify when a project should undergo further risk evaluation, procedures for conducting an HRA, guidelines to engage the public, presentation guidelines for results from the HRA, and mitigation measures that may be appropriate for various land use projects.

1.1.4 South Coast Air Quality Management District

SCAQMD has risk assessment guidelines, *AB 2588 and Rule 1402 Supplemental Guidelines* (SCAQMD 2018). These guidelines incorporate the OEHHA guidance and the options to be used when using the CARB's Hotspots Analysis and Reporting Program Version 2 (HARP) program for risk assessment calculations.

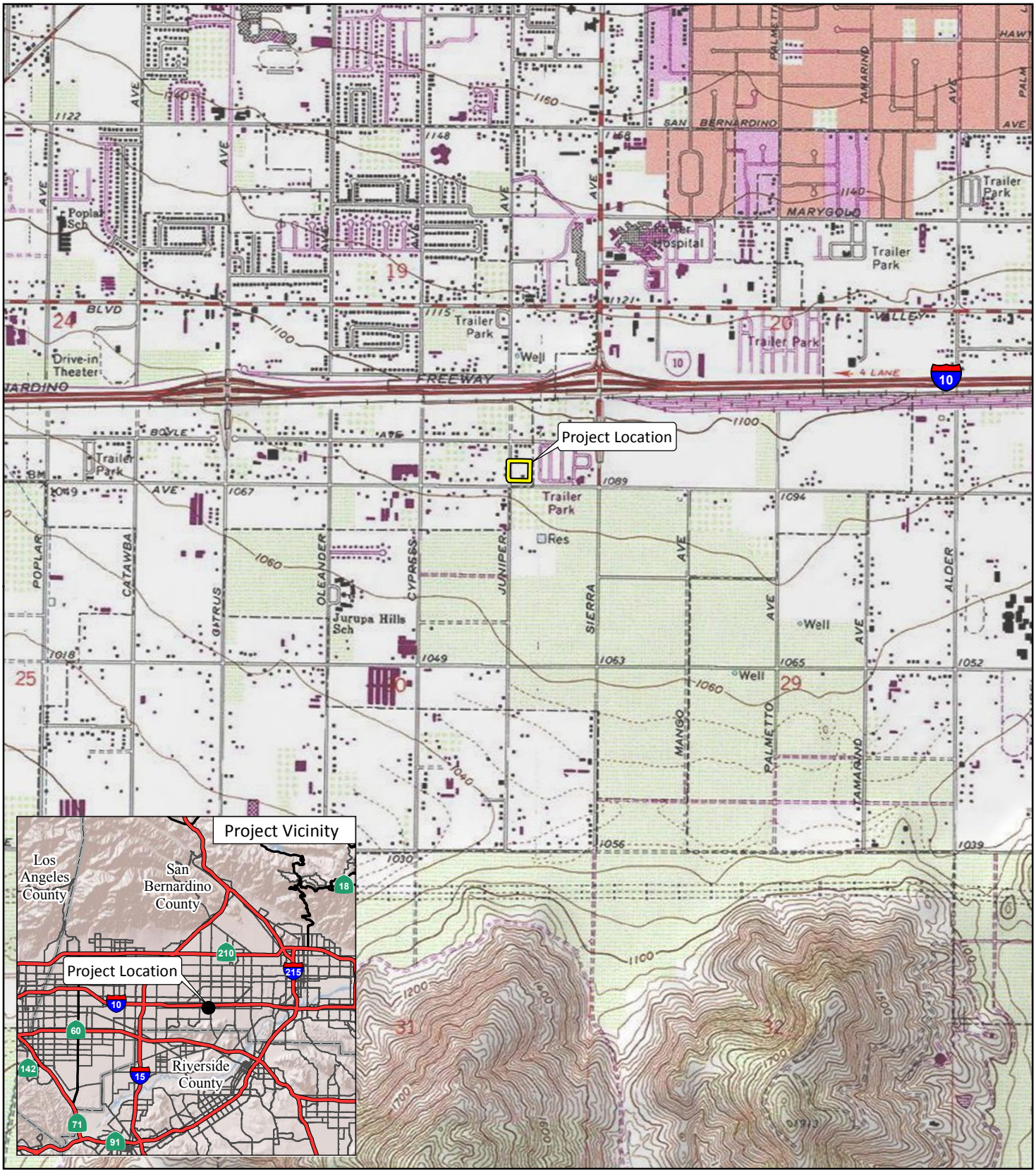
1.2 PROJECT LOCATION

The project site is at the northeast corner of Slover Avenue and Juniper Avenue, south of Interstate 10 (I-10) in Fontana, as shown on Figure 1.

1.3 PROJECT DESCRIPTION

The proposed project would demolish the existing structures on site and construct a 39,667 square foot (sf) industrial warehouse on a 2.06-acre site. The project would also include 56 parking spaces and 14,631 sf of landscaping. Figure 2 depicts the project's proposed site plan. The entrance/exits to the proposed warehouse building would be on Juniper Avenue and Slover Avenue. The project trucks would either travel south on Juniper Avenue to Slover Avenue or just directly onto Slover Avenue. The primary truck route would then be east on Slover Avenue and north on Sierra Avenue to I-10. The project includes three loading bays along the building, as shown in Figure 2, Conceptual Site Plan. The project would generate a daily trip rate of 140 passenger vehicle trips, 16 two-axle truck trips, 8 three-axle truck trips, and 19 four-plus-axle truck trips.

This HRA focuses on the potential health risks to residents near the site, following the CARB Handbook, CAPCOA, and SCAQMD guidance and recommendations. It examines the short-term and long-term potential health effects from emissions of TACs from project operations, primarily the exhaust from trucks traveling to and from the project site.



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Project Location

FIGURE 1

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Slover-Juniper Industrial Building Project

Regional and Project Location

SOURCE: USGS 7.5' Quad - *Fontana* (1980), CA

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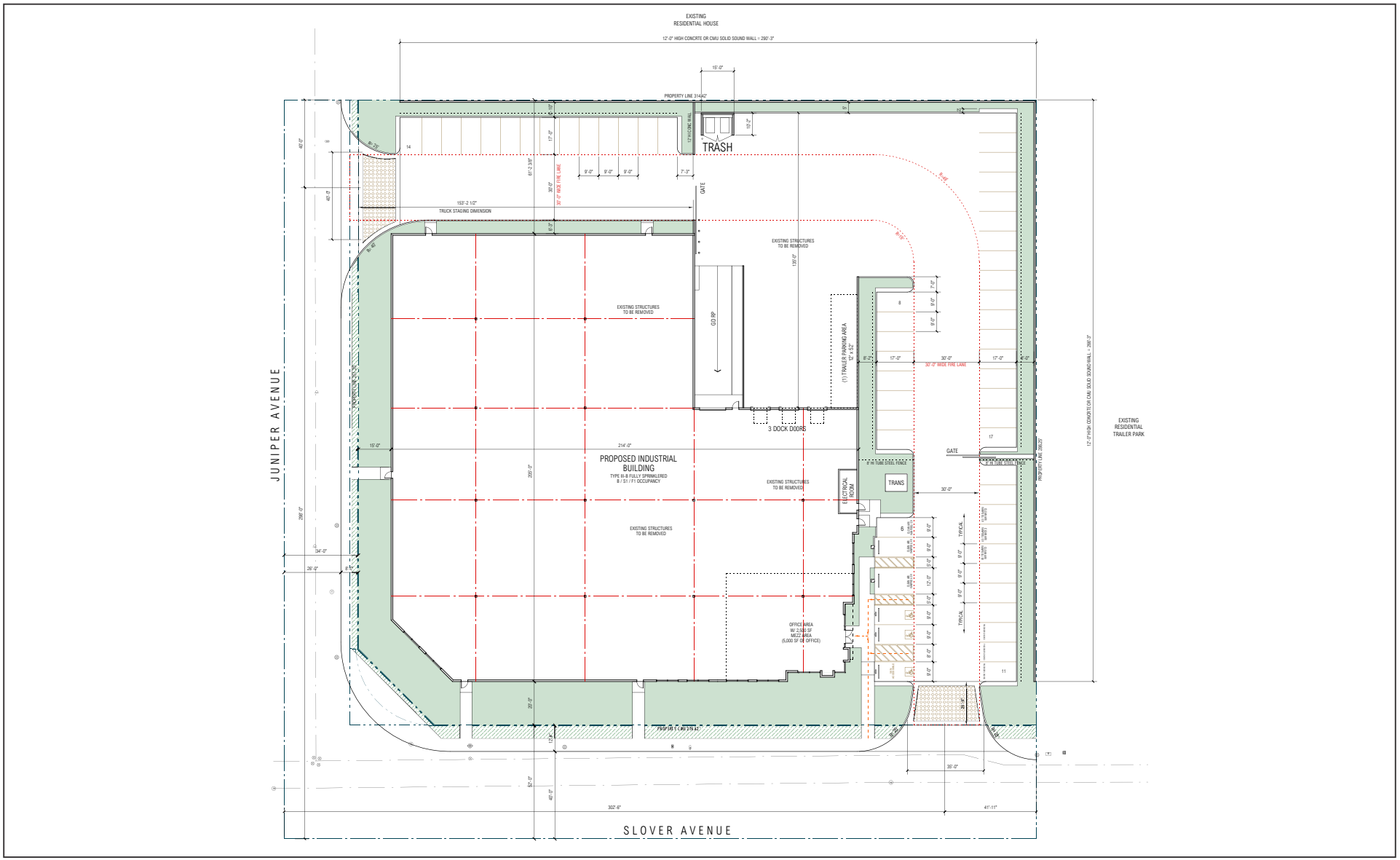

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FIGURE 2

N

0 40 80

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SOURCE: RGA Office of Architecture and Design

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Slover-Juniper Industrial Building Project

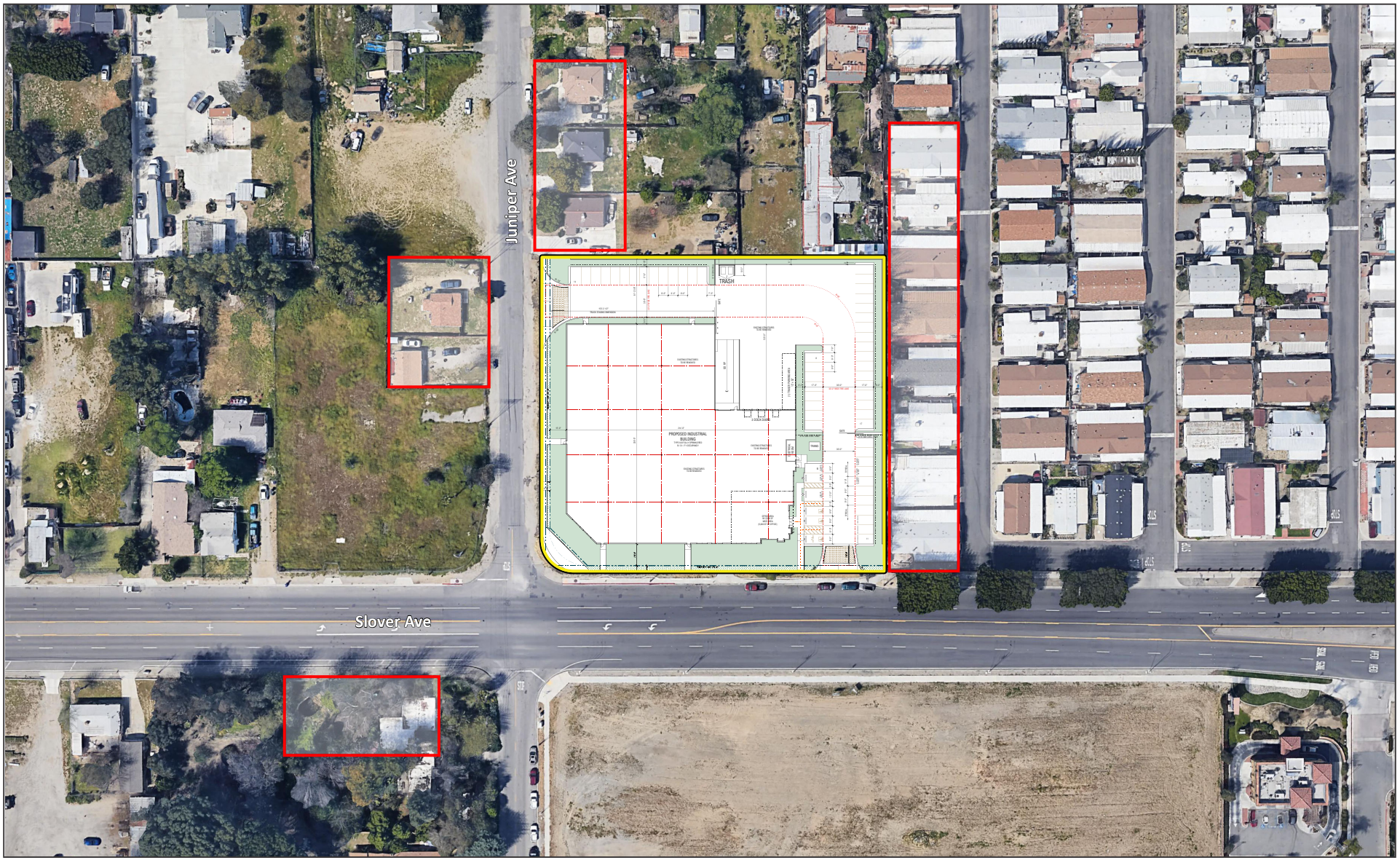
Site Plan

1.4 EXISTING SENSITIVE LAND USES IN THE PROJECT AREA

Sensitive receptors include residences, schools, hospitals, and similar uses sensitive to air quality. The project site is surrounded primarily by residential development, as shown on Figure 3, Sensitive Receptors. The areas adjacent to the project site include the following uses:

- **North:** Single-family homes. The closest residential building is approximately 40 feet (ft) from the northern boundary of the site and 200 ft northwest of the nearest loading dock.
- **East:** Single-family homes. The closest residential building is approximately 10 ft from the eastern boundary of the site and 115 ft east of the nearest loading dock.
- **South:** Slover Avenue with a vacant lot across the street and commercial beyond.
- **Southwest:** Single-family homes along Slover Avenue to the west of Juniper Avenue approximately 160 ft from the boundary of construction and 260 ft southwest of the nearest loading dock.
- **West:** Single-family homes, potentially uninhabited. The closest residential building is approximately 70 ft from the western boundary of the project site and 250 ft west of the nearest loading dock.

Note: The distances listed here are from the center of the residential buildings to the closest possible construction activity and to the project loading docks, per HRA requirements. The Noise and Vibration Impact Analysis also discusses distances to sensitive receptors, but the distances are different because they are based on noise and vibration requirements.



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LEGEND

Project Location

Single Family Homes

FIGURE 3

N

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SOURCE: Google Earth (2020), RGA Office of Architecture and Design

Slover-Juniper Industrial Building Project

Sensitive Receptors

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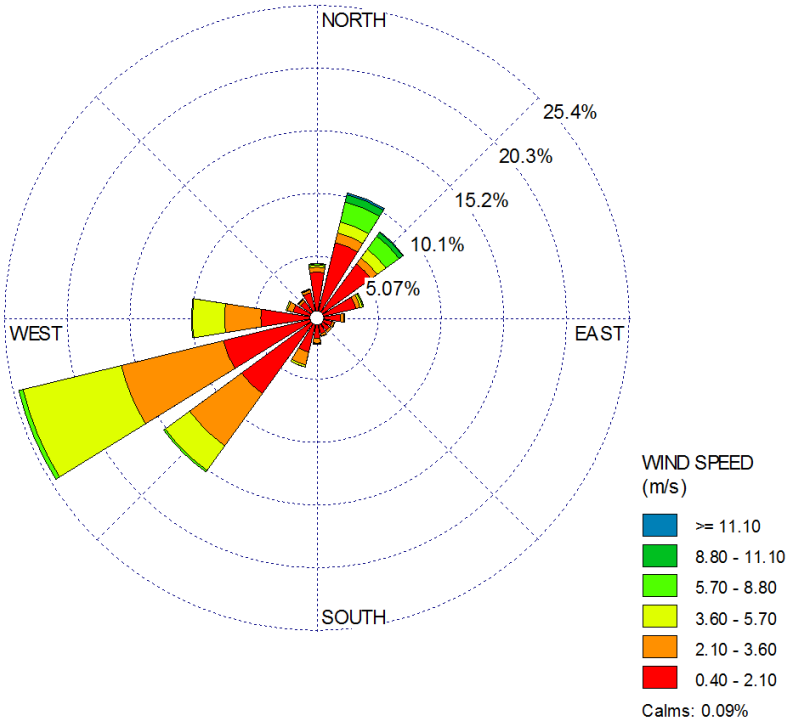
2.0 SETTING

2.1 REGIONAL AIR QUALITY

The project site is in Fontana, California, which is part of the South Coast Air Basin (Basin) and is under the jurisdiction of the SCAQMD.

2.1.1 Climate/Meteorology

Air quality in the planning area is not only affected by various emission sources (e.g., mobile and industry), but also by atmospheric conditions (e.g., wind speed, wind direction, temperature, and rainfall). The nearest representative meteorological station that provides the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) ready meteorological data is the Fontana Meteorological Station, about 3.8 miles (mi) northwest of the project site. Figure 4, Project Area Wind Patterns, below, shows the windrose[1] from data measured at this station and the wind patterns for the project area.



Source: SCAQMD Meteorological Data for AERMOD. Website: www.aqmd.gov/home/air-quality/air-quality-data-studies/meteorological-data/data-for-aermod (accessed July 2020).

Figure 4: Project Area Wind Patterns

[1] A windrose provides a succinct view of how wind speed and direction are typically distributed at a particular location. Presented in a circular format, the windrose shows the frequency of winds blowing from particular directions.

2.1.2 Toxic Air Contaminants

The public's exposure to TACs is a significant environmental health issue in the State of California. In 1983, the California Legislature enacted a program to identify the health effects of TACs and to reduce exposure to these contaminants to protect the public health. The Health and Safety Code defines a TAC as "an air pollutant which may cause or contribute to an increase in mortality or in serious illness, or which may pose a present or potential hazard to human health." A substance that is listed as a hazardous air pollutant pursuant to subsection (b) of Section 112 of the Federal Act (42 United States Code Section 7412) is a TAC. Under State law, the California Environmental Protection Agency, acting through CARB, is authorized to identify a substance as a TAC if it determines the substance is an air pollutant that may cause or contribute to an increase in mortality or an increase in serious illness, or which may pose a present or potential hazard to human health.

California regulates TACs primarily through Assembly Bill (AB) 1807 (Tanner Air Toxics Act), AB 2588 (Air Toxics "Hot Spot" Information and Assessment Act of 1987), and Senate Bill 25, the Children's Environmental Health Protection Act. The Tanner Air Toxics Act sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an "airborne toxics control measure" for sources that emit designated TACs. If there is a safe threshold for a substance at which there is no toxic effect, the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology to minimize emissions.

Air toxics from stationary sources are also regulated in California under AB 2588. Under AB 2588, TAC emissions from individual facilities are quantified and prioritized by the designated air quality management district or air pollution control district. High-priority facilities are required to perform an HRA and, if specific thresholds are exceeded, are required to communicate the results to the public in the form of notices and public meetings.

To date, CARB has designated nearly 200 compounds as TACs (CARB Identified Toxic Air Contaminants). Additionally, CARB has implemented control measures for a number of compounds that pose high risks and show potential for effective control. The majority of the estimated health risks from TACs can be attributed to relatively few compounds, the most important being particulate matter from diesel-fueled engines (diesel particulate matter [DPM]).

3.0 THRESHOLDS

3.1 HEALTH RISK ASSESSMENT THRESHOLDS OF SIGNIFICANCE

Both the State and federal governments have established health-based ambient air quality standards for seven air pollutants. For other air pollutants without defined significance standards, the definition of substantial pollutant concentrations varies. For TACs, "substantial" is taken to mean that the individual health risk exceeds a threshold considered to be a prudent risk management level.

The following limits for maximum individual cancer risk (MICR) and noncancer acute and chronic Hazard Index (HI) from project emissions of TACs are considered appropriate for use in determining the health risk for projects in the Basin:

- **MICR:** MICR is the estimated probability of a maximum exposed individual (MEI) contracting cancer as a result of exposure to TACs over a period of 30 years for adults and 9 years for children in residential locations. The MICR calculations include multipathway consideration, when applicable.
  The cumulative increase in MICR that is the sum of the calculated MICR values for all TACs would be considered significant if it would result in an increased MICR greater than 10 in 1 million (1×10^{-5}) at any receptor location.

- **Chronic HI:** Chronic HI is the ratio of the estimated long-term level of exposure to a TAC for a potential MEI to its chronic reference exposure level. The chronic HI calculations include multipathway consideration, when applicable.
  The project would be considered significant if the cumulative increase in total chronic HI for any target organ system would exceed 1.0 at any receptor location.

- **Acute HI:** Acute HI is the ratio of the estimated maximum 1-hour concentration of a TAC for a potential MEI to its acute reference exposure level.
  The project would be considered significant if the cumulative increase in total acute HI for any target organ system would exceed 1.0 at any receptor location.

The SCAQMD *CEQA Air Quality Handbook* (1993, currently under revision) states that emissions of TACs are considered significant if an HRA shows an increased risk of greater than 10 in 1 million. Based on guidance from SCAQMD in the document *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis* (2003), for the purposes of this analysis, the threshold of 10 in 1 million was used as the cancer risk threshold for the proposed project.

4.0 HEALTH RISK IMPACTS

4.1 GENERAL INFORMATION

For the purposes of an HRA, short-term emissions are of concern for analyzing acute health impacts, and long-term emissions are of concern for analyzing chronic and carcinogenic health impacts. A screening-level multi-pathway assessment has been conducted. This technique was chosen as recommended in the OEHHA *Air Toxic Hot Spots Program Risk Assessment Guidelines* (2015).

This HRA has been conducted using three models: the CARB's California Emissions Factor Model, Version 2017 (EMFAC2017) for vehicle emissions factors and percentages of fuel type within the overall vehicle fleet, the United States Environmental Protection Agency's (EPA) AERMOD air dispersion model to determine how the TACs would move through the atmosphere after release from sources both on site and on surrounding roadways, and the CARB's HARP model to translate the pollutant concentrations from AERMOD into individual health risks at any sensitive receptor locations surrounding the project site.

This HRA includes analyzing the inhalation, dermal soil, mother's milk, and homegrown produce pathways. This technique was chosen as prescribed in SCAQMD's *AB2588 and Rule 1402 Supplemental Guidelines* (2018).

The OEHHA has determined that long-term exposure to diesel exhaust particulates poses the highest cancer risk of any TAC it has evaluated. Exposure to diesel exhaust can also have immediate health effects. Diesel exhaust can irritate the eyes, nose, throat, and lungs, and it can cause coughs, headaches, lightheadedness, and nausea. In studies with human volunteers, diesel exhaust particles (also known as diesel particulate matter or DPM) made people with allergies more susceptible to the materials to which they are allergic, such as dust and pollen. Exposure to diesel exhaust also causes inflammation in the lungs, which may aggravate chronic respiratory symptoms and increase the frequency or intensity of asthma attacks. For risk assessment procedures, the OEHHA specifies that the surrogate for whole diesel exhaust is DPM.

The conservative nature of this analysis is due primarily to the following three factors:

- The CARB-adopted diesel exhaust unit risk factor (URF) of 300 in 1 million per microgram per cubic meter ($\mu g/m^3$) is based on the upper 95^{th} percentile of estimated risk for each of the epidemiological studies used to develop the URF. Therefore, the risk factor is already representative of the conservative risk posed by DPM.

- The risk estimates assume sensitive receptors will be subject to DPM for 24 hours per day, 350 days per year. As a conservative measure, SCAQMD does not recognize indoor adjustments for

residents. However, typical people spend the majority of their time indoors versus remaining outdoors for 24 hours per day, 350 days per year.[1]

- The exposure to DPM is assumed to be constant for the given period analyzed (i.e., 30 years). However, emissions from DPM are expected to substantially decrease in the future with the implementation of the Advanced Clean Truck Regulation, which requires manufacturers of diesel trucks and vans to transition to all-electric sales by 2045 with a gradual sales percentage increase between 2020 and 2045.

Improvements over the last 40 years to diesel fuel and diesel engines have resulted in lower emissions of some of these TACs (EPA *Learn About Impacts of Diesel Exhaust and the Diesel Emissions Reduction Act*). These improvements resulted in a 75 percent reduction in particle emissions from diesel-powered trucks and other equipment in 2010 and an 85 percent reduction by 2020 as compared to 2000 levels (OEHHA 2001).

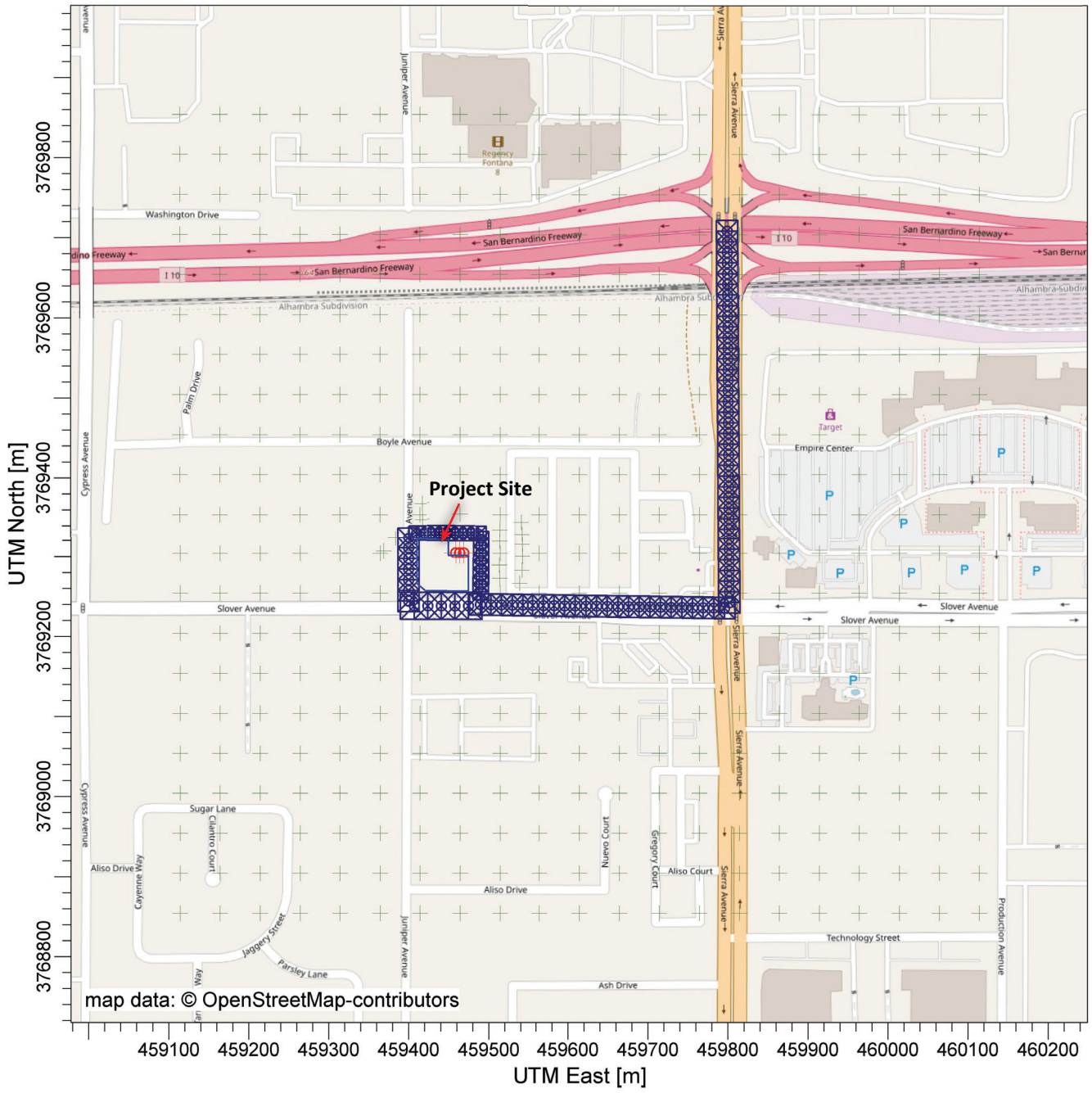
4.1.1 Emission Sources

The first step of an HRA is to characterize the project-related emissions of TACs. According to the *Focused Traffic Impact Analysis* (LSA 2020), the proposed project would generate a daily trip rate of 140 car trips, 16 two-axle truck trips, 8 three-axle truck trips, and 19 four-plus axle truck trips. The traffic study also characterized the routes and percentages of the car and truck traffic that would travel to and from the site. While the TAC emissions from gasoline-powered vehicles have a small health effect compared to DPM, this HRA includes all the traffic information described and both gasoline- and diesel-powered vehicle emissions. For the diesel exhaust emissions, it is sufficient to only consider the DPM (particulate matter less than 10 microns in diameter [PM_{10}]) portion of the exhaust; all the TACs for the gasoline exhaust emissions are contained in the reactive organic gas (ROG) emissions. Using speciation data from CARB[2], the emission rates of the TAC components in gasoline exhaust are derived from the total ROG emissions.

As the actual operational schedule is unknown, to be conservative it was assumed that the vehicles associated with the proposed project would to operate 12 hours per day, 7 days per week, and 52 weeks per year. The trucks operate in two modes: stationary idling and moving on and off the site. The emissions from trucks while idling result in a much higher concentration of TACs at nearby sensitive receptors compared to the emissions from moving trucks. This is due to the dispersion of emissions that occurs with distance and with travel of the vehicle. For this HRA, the truck travel emissions were modeled as a series of volume sources along the on-site building and driveways and along truck routes as shown on Figure 5, Overall Modeling Layout, with the overlapping dark blue squares. It is expected that half of the trucks would use Driveway 1 onto

1 In May 1991, the CARB Research Division, in association with the University of California, Berkeley, published research findings titled *Activity Patterns of California Residents*. The findings of that study indicate that, on average, adults and adolescents in California spent almost 15 hours per day inside their homes and 6 hours in other indoor locations, for a total of 21 hours (87 percent of the day). About 2 hours per day were spent in transit, and just over 1 hour per day was spent in outdoor locations.

2 Speciation Profiles Used in ARB Modeling. Website: www.arb.ca.gov/ei/speciate/speciate.htm (accessed July 2020).



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- Volume Sources Along Roads and Driveways
- Truck Idling Locations
- Receptors Around Project Site

FIGURE 5

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Slover-Juniper Industrial Building Project

Overall Modeling Layout

I:\LBB2001.01\G\Overall_Modeling_Layout.ai (8/10/2020)

Slover Avenue and the other half would use Driveway 2 onto Juniper Avenue. Although it is possible that a few trucks could take other routes, the small number of trucks going on any routes other than those identified as the main routes would not add substantial amounts of TACs along those routes. LSA assumed vehicles traveling on site would maneuver slowly, averaging approximately 5 miles per hour (mph), and that vehicles traveling on roadways would average 35 mph. Although the trucks will spend time at higher speeds, their emissions are greater at lower speeds, so using 5 and 35 mph results in a conservative analysis.

The idling emissions of trucks operating on the project site were modeled as individual point sources at idling locations along the planned loading docks, shown on Figure 5 as red circles next to the building. While the idling times of the trucks are regulated to be no more than 5 minutes, it is possible the trucks would stop at the loading dock and one or two other areas on site during a single delivery. For the purposes of this HRA, the idling times per delivery were conservatively assumed to be 15 minutes per delivery.

EMFAC2017 was used to determine the emissions factors of idling and operating diesel trucks to determine the total emissions of PM_{10}. Although the TAC of concern from diesel trucks is DPM, EMFAC2017 does not include emissions factors for this TAC. DPM is a component of the overall exhaust from the project-related trucks. This HRA conservatively assumes the DPM emissions to be equal to the PM_{10} emissions when actually the DPM is only a portion of the overall PM_{10} in the truck exhaust. While it is expected that the truck emissions rate will continue to decline over time, an HRA only allows for a single emission rate to represent the entire 30-year exposure period. The use of emissions factors for the year the proposed project would start operations (2022) was selected for this HRA to be conservative. For instance, based on operations starting in 2022, emissions factors for a 2026 vehicle fleet (the midpoint of the 9-year exposure period) or emissions factors for a 2037 vehicle fleet (the midpoint of the 30-year exposure period) could be used; however, as the model's emissions factors tend to decrease over time, either of these would be less conservative.

The tables in Appendix A show the development of the exhaust emission rates for truck operation both on the project site and on the roadways as described in the project traffic study. The tables show the average daily traffic for the proposed project on each stretch of road by vehicle category. Appendix A also shows the percentage within each vehicle category that is diesel powered (from EMFAC2017), the PM_{10}, particulate matter 2.5 microns or less in size ($PM_{2.5}$), and ROG emissions factors for each vehicle category at the average vehicle speed of 5 mph on site and 35 mph on roadways. Because the AERMOD dispersion model cannot use emissions in grams per mile, emissions are converted to grams per second. The same derivation is repeated for ROG emissions from gasoline-powered vehicles (the TAC emissions within gasoline exhaust are components of the ROG emissions).

Table A shows the development of the exhaust emission rates for the trucks while idling on the project site. The total idling emissions are equally divided among the three point sources at the loading dock area. These are depicted on Figure 5 as red circles within the loading dock area, approximately where the truck engine exhaust pipe would be while positioned for unloading or loading. Table A shows emissions data results using the idling emissions factors from EMFAC2017 for these trucks, combined with the total truck count and assuming 15 minutes of idling per trip.

Table A: Truck Idling Emission Rates

Location	Hours/ Day	Trucks/ Day[1]	Trucks/ Hour	Diesel Idle Exhaust per Vehicle (g/hr)[2]		Idle Time (min/trip)[3]	Idle Exhaust Diesel (g/hr)	
				PM_{10}	$PM_{2.5}$		PM_{10}	$PM_{2.5}$
Docks	12	44	3.6	0.000057	0.000055	15	0.000052	0.000050

Source: Compiled by LSA Associates, Inc. (2020).

[1] Focused Traffic Impact Analysis (LSA 2020). Note that each truck visit comprises two trips, one to arrive and one to depart.

[2] CARB EMFAC2017 idling emissions factors for 2022 MHDT and HHDT diesel trucks.

[3] This analysis assumes each truck idles for 15 minutes per trip to account for multiple stops (i.e., at an entry check-in, loading/ unloading, and miscellaneous on-site activities).

CARB = California Air Resources Board
EMFAC2017 = California Emissions Factor Model, Version 2017
g/hr = grams per hour
HHDT = heavy heavy-duty truck
min/trip = minutes per trip
MHDT = medium heavy-duty truck
$PM_{2.5}$ = particulate matter less than 2.5 microns in diameter
PM_{10} = particulate matter less than 10 microns in diameter

It was assumed the trucks would idle using their main engines rather than an auxiliary power unit or plugging in to shore power throughout their time at the project site. This is a very conservative assumption, as the loading docks are required to have electrical hookups and the trucks to have the ability to run their accessories from that electricity, so it is likely that the trucks would only operate on their own power when arriving or departing.

4.1.2 Toxic Air Contaminant Air Dispersion Modeling

To assess the dispersion of emissions associated with the project, air dispersion modeling was performed using AERMOD. The model is provided by the EPA to estimate the pollutant concentrations associated with emissions sources in simple and complex terrain. The model was used to calculate the annual average and short-duration (e.g., 1-hour) TAC concentrations associated with project operations. Details of these inputs are shown in Appendix B.

In addition to the idling point sources described above, a series of volume sources were used to represent vehicle activity along nearby roadways. The volume dimensions used were based on the EPA guidance for trucks. For all the truck idling sources, the release height was set to the approximate truck exhaust stack height of 12 feet, a temperature of 200° Fahrenheit, a flow rate of 50 meters (164 feet) per second, and an exhaust pipe diameter of 4 inches. Because building wake effects (building downwash) influences can significantly increase concentrations for receptors downwind of the building close to the emissions source, the proposed new building was included with a building height of 35 ft.

The model requires additional input parameters, including local meteorology. Due to the model's sensitivity to individual parameters (e.g., wind speed, temperature, and direction), the EPA recommends meteorological data used as input into dispersion models be selected on the basis of relative spatial and temporal conditions that exist in the area of concern. As such, 5 years of

meteorological data from SCAQMD's Fontana Monitoring Station[1] (the nearest available) was used to represent local weather conditions and prevailing winds.

Receptors were placed in an approximately 0.6 mi square grid, as shown on Figure 5, from west of Cypress Avenue to east of Sierra Avenue, and from north of I-10 to approximately 1,000 ft south of Slover Avenue to characterize the regional risk levels. Additionally, discrete receptors were placed at the locations of all sensitive receptors near to the proposed project site.

4.1.3 Hot Spots Analysis and Reporting Program Modeling

CARB's HARP model is a tool that assists with the programmatic requirements of the Air Toxics "Hot Spots" Program (AB 2588). HARP was used to translate the TAC concentrations from AERMOD into long-term carcinogenic and chronic, and short-term acute health risk levels following the guidance in the SCAQMD risk assessment guidelines (2003) for residents. These guidelines specify a minimum set of TAC pathways and HARP modeling options[2] for the carcinogenic assessment. To estimate chronic noncancer risks at residential receptors, the "OEHHA-Derived Method" risk-calculation option was used. Following the OEHHA guidance (2015), an 8-hour chronic noncancer risk was calculated for residential receptors because the project could potentially operate more than 8 hours per day.

The dose-response relationship for a specific pollutant describes the association between exposure and the observed response (health effect). In other words, the relationship estimates how different levels of exposure to a pollutant change the likelihood and severity of health effects. The dose-response relationship (the response occurring with increasing doses) varies with each pollutant, individual sensitivity, and type of health effect. Combining the results of the emission characterization and dispersion modeling described above with the dose-response assessment gives an estimate of the increased health risk for an individual exposed to the maximum predicted long-term concentrations of TACs.

Appendix A contains the HRA emissions worksheet and EMFAC data, Appendix B contains select pages from the AERMOD output and the HARP report files for this HRA.

4.1.4 Acute Project-Related Emission Impacts

Exposure to TACs from vehicle exhaust can result in immediate health effects. However, according to the rulemaking in CARB's *Identifying Particulate Emissions from Diesel-Fueled Engines as a Toxic Air Contaminant* (1998), the available data from studies of humans exposed to

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1 South Coast Air Quality Management District (SCAQMD). Meteorological Data for AERMOD. Website: http://www.aqmd.gov/home/library/air-quality-data-studies/meteorological-data/data-for-aermod (accessed July 2020).

2 The SCAQMD guidelines specify that residential cancer risks assume a 30-year exposure and must include, at a minimum, the following pathways: inhalation, homegrown produce, dermal absorption, soil ingestion, and mother's milk; a deposition rate of 0.02 meter per second for the non-inhalation pathways; the dermal pathway should assume a "warm" climate; and the "Risk Management Policy Using the Derived Method" risk calculation option should be used.

diesel exhaust are not sufficient for deriving an acute noncancer health risk guidance value. Emissions from gasoline-powered vehicles do contain TACs with short-term acute health effects. Table B shows the acute health risk.

Table B: Health Risk Levels for Existing Residents from Operation of the Project

Location	Maximum Cancer Risk	Maximum Noncancer Chronic Risk (Hazard Index)	Maximum Noncancer Acute Risk (Hazard Index)
Residential Risk	0.65 in 1 million	0.0002	0.00004
SCAQMD Significance Threshold	**10 in 1 million**	**1.0**	**1.0**
Significant?	**No**	**No**	**No**

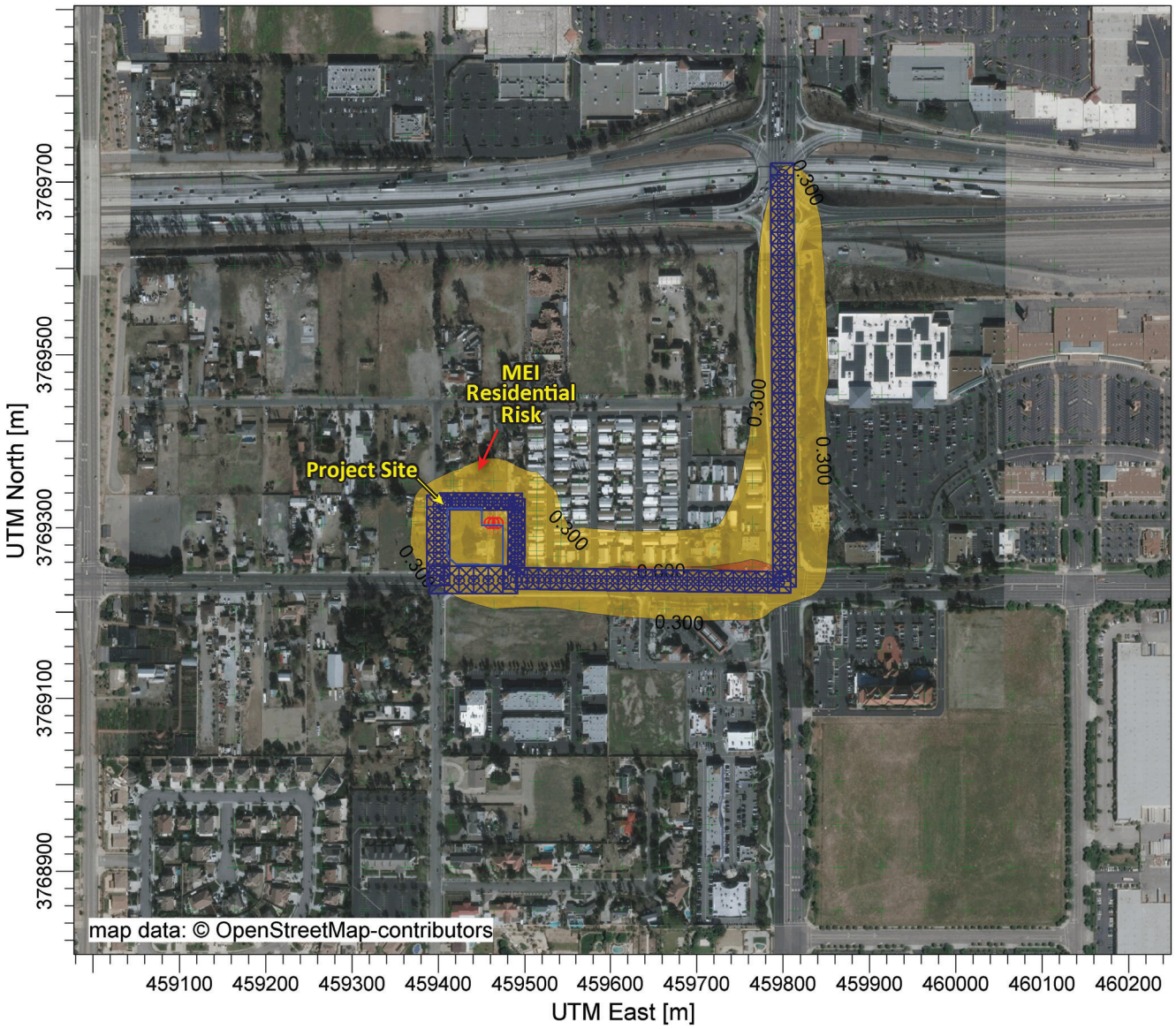
Source: Compiled by LSA Associates, Inc. (2020).
SCAQMD = South Coast Air Quality Management District

The Acute HI would be 0.00004 for the residential MEI; less than the threshold of 1.0.

4.1.5 Carcinogenic and Chronic Project-Related Emission Impacts

Table B also shows the carcinogenic and chronic health risks from the operation of the proposed project. The risk levels incorporate both the risk for a child living in a nearby residence for 9 years (the standard period of time for child risk) and an adult living in a nearby residence for 30 years (considered a conservative period of time for an individual to live in any one residence). The maximum cancer risk for the residential MEI would be 0.65 in 1 million; which is less than the threshold of 10 in 1 million. Figure 6, 30-Year Residential Cancer Risk Levels, shows the extent of the cancer risk levels. The chronic health risk from the operation of the proposed project is also shown in Table B.

As these results show, all health risk levels to nearby residents from project-related emissions of TAC from the project operation would be below SCAQMD's HRA thresholds. No significant health risk would occur from the operation of this proposed project, and no mitigation is necessary.



LSA

LEGEND

- Volume Sources Along Roads and Driveways
- Truck Idling Locations
- Receptors Around Project Site

FIGURE 6

0 325 650
FEET

Slover-Juniper Industrial Building Project

30-Year Residential Cancer Risk Levels

I:\LBB2001.01\G\30-Yr_Risk_Levels.ai (8/10/2020)

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APPENDIX A

EMISSION FACTORS FOR VEHICLES AND HEALTH RISK ASSESSMENT EMISSION RATES

Vehicle Exhaust Worksheet

Slover-Juniper Industrial Building

Onsite travel - along Bldg		AADT by Truck Category[1]							
		LDV[2]	2-Axle[3]	3-Axle[4]	4+-Axle[5]				
		80	9	4	10				
		% of Vehicles That Are Diesel-Powered[6]							
Average Speed		0.9%	2%	91%	94%				
		Diesel Exhaust PM10 & PM2.5 Emissions at 5 mph (g/mi)[7]							
5 mph	PM_{10}	0.0219	1.59E-02	5.79E-02	4.71E-02				
	$PM_{2.5}$	0.0210	1.52E-02	5.54E-02	4.50E-02				
		% of Vehicles That Are Gasoline-Powered[6]							
Total distance covered by Onsite travel - driveway sources		99%	98%	9%	5.8%				
		Gasoline Exhaust ROG Emissions at 5 mph (g/mi)[7]				Number of Sources	Emission Rates per source		
	ROG	0.063	1.52E-01	3.76E-01	4.19E+00		g/s	lb/hr	lb/yr
		PM_{10}, $PM_{2.5}$ & ROG Exhaust Emissions (g/s)							
152 meters	PM_{10}	3.36E-08	6.62E-09	4.62E-07	9.70E-07	17	8.7E-08	6.9E-07	0.0060
	$PM_{2.5}$	3.22E-08	6.33E-09	4.42E-07	9.28E-07	17	8.3E-08	6.6E-07	0.0058
	ROG	1.10E-05	2.76E-06	2.91E-07	5.32E-06	17	1.1E-06	9.0E-06	0.0792

[1] AADT from project traffic study

[2] LDV assumed to LDA (Passenger Cars)

[3] 2 axle trucks are assumed to be MDV (Medium-Duty Truck GVW=5,574-8,500 lbs.)

[4] 3 axle trucks are assumed to be MHDT (Medium-Heavy Duty Truck GVW=14,001-33,000 lbs.)

[5] 4+ axle trucks are assumed to be HHDT (Heavy-Heavy Duty Truck GVW=33,001-60,000 lbs.)

[6] Source: EMFAC2017 VMT data

[7] Source: EMFAC2017 emission factors for 2022 (model year aggregate).

Speciated Emissions Rates

		lb/yr	lb/hr
diesel part.	--	6.03E-03	6.87E-07
PM2.5	--	5.77E-03	6.58E-07
1,3-butadiene	0.0055	4.36E-04	4.97E-08
benzene	0.02636	2.09E-03	2.38E-07
ethylbenzene	0.01072	8.49E-04	9.69E-08
MEK	0.00019	1.51E-05	1.72E-09
naphthalene	0.00048	3.80E-05	4.34E-09
propylene	0.03127998	2.48E-03	2.83E-07
styrene	0.00126	9.98E-05	1.14E-08
toluene	0.05879998	4.66E-03	5.32E-07
m & p-xylene	0.03639998	2.88E-03	3.29E-07

Vehicle Exhaust Worksheet

Slover-Juniper Industrial Building

Juniper Ave. from Driveway 2 to Slover Ave.		AADT by Truck Category[1]							
		LDV[2]	2-Axle[3]	3-Axle[4]	4+-Axle[5]				
		80	9	4	10				
		% of Vehicles That Are Diesel-Powered[6]							
		0.9%	2%	91%	94%				
Average Speed		**Diesel Exhaust PM10 & PM2.5 Emissions at 35 mph (g/mi)7**							
35 mph	PM_{10}	0.0067	5.43E-03	2.82E-02	1.70E-02				
	$PM_{2.5}$	0.0064	5.20E-03	2.70E-02	1.63E-02				
		% of Vehicles That Are Gasoline-Powered[6]							
		99%	98%	9%	5.8%				
Total distance covered by Juniper Ave. from sources		**Gasoline Exhaust ROG Emissions at Speed mph (g/mi)7**				**Number of Sources**	**Emission Rates per source**		
	ROG	0.009	2.31E-02	5.53E-02	6.88E-01		**g/s**	**lb/hr**	**lb/yr**
		PM_{10}, $PM_{2.5}$ & ROG Exhaust Emissions (g/s)							
80 meters	PM_{10}	5.37E-09	1.19E-09	1.18E-07	1.84E-07	7	4.4E-08	3.5E-07	0.0031
	$PM_{2.5}$	5.14E-09	1.14E-09	1.13E-07	1.76E-07	7	4.2E-08	3.4E-07	0.0029
	ROG	8.33E-07	2.21E-07	2.24E-08	4.59E-07	7	2.2E-07	1.7E-06	0.0153

[1] AADT from project traffic study

[2] LDV assumed to LDA (Passenger Cars)

[3] 2 axle trucks are assumed to be MDV (Medium-Duty Truck GVW=5,574-8,500 lbs.)

[4] 3 axle trucks are assumed to be MHDT (Medium-Heavy Duty Truck GVW=14,001-33,000 lbs.)

[5] 4+ axle trucks are assumed to be HHDT (Heavy-Heavy Duty Truck GVW=33,001-60,000 lbs.)

[6] Source: EMFAC2017 fleet populations.

[7] Source: EMFAC2017 emission factors for 2022 (model year aggregate).

Speciated Emissions Rates

		lb/yr	lb/hr
diesel part.	--	3.07E-03	3.50E-07
PM2.5	--	2.94E-03	3.35E-07
1,3-butadiene	0.0055	8.39E-05	9.57E-09
benzene	0.02636	4.02E-04	4.59E-08
ethylbenzene	0.01072	1.64E-04	1.87E-08
MEK	0.00019	2.90E-06	3.31E-10
naphthalene	0.00048	7.32E-06	8.35E-10
propylene	0.03127998	4.77E-04	5.44E-08
styrene	0.00126	1.92E-05	2.19E-09
toluene	0.05879998	8.97E-04	1.02E-07
m & p-xylene	0.03639998	5.55E-04	6.34E-08

Vehicle Exhaust Worksheet

Slover-Juniper Industrial Building

Slover Ave. from Juniper Ave. to Driveway 1		AADT by Truck Category[1]							
		LDV[2]	2-Axle[3]	3-Axle[4]	4+-Axle[5]				
		80	9	4	10				
		% of Vehicles That Are Diesel-Powered[6]							
Average Speed		0.9%	2%	91%	94%				
		Diesel Exhaust PM10 & PM2.5 Emissions at 35 mph (g/mi)[7]							
35 mph	PM_{10}	0.0067	5.43E-03	2.82E-02	1.70E-02				
	$PM_{2.5}$	0.0064	5.20E-03	2.70E-02	1.63E-02				
		% of Vehicles That Are Gasoline-Powered[6]							
		99%	98%	9%	5.8%				
Total distance covered by Slover Ave. sources		Gasoline Exhaust ROG Emissions at 35 mph (g/mi)[7]				Number of Sources	Emission Rates per source		
	ROG	0.009	2.31E-02	5.53E-02	6.88E-01		g/s	lb/hr	lb/yr
		PM_{10}, $PM_{2.5}$ & ROG Exhaust Emissions (g/s)							
68 meters	PM_{10}	4.56E-09	1.01E-09	1.00E-07	1.56E-07	5	5.3E-08	4.2E-07	0.0037
	$PM_{2.5}$	4.36E-09	9.68E-10	9.61E-08	1.50E-07	5	5.0E-08	4.0E-07	0.0035
	ROG	7.08E-07	1.88E-07	1.91E-08	3.90E-07	5	2.6E-07	2.1E-06	0.0182

[1] AADT from project traffic study

[2] LDV assumed to LDA (Passenger Cars)

[3] 2 axle trucks are assumed to be MDV (Medium-Duty Truck GVW=5,574-8,500 lbs.)

[4] 3 axle trucks are assumed to be MHDT (Medium-Heavy Duty Truck GVW=14,001-33,000 lbs.)

[5] 4+ axle trucks are assumed to be HHDT (Heavy-Heavy Duty Truck GVW=33,001-60,000 lbs.)

[6] Source: EMFAC2017 fleet populations.

[7] Source: EMFAC2017 emission factors for 2022 (model year aggregate).

Speciated Emissions Rates

		lb/yr	lb/hr
diesel part.	--	3.65E-03	4.17E-07
PM2.5	--	3.50E-03	3.99E-07
1,3-butadiene	0.0055	9.98E-05	1.14E-08
benzene	0.02636	4.78E-04	5.46E-08
ethylbenzene	0.01072	1.95E-04	2.22E-08
MEK	0.00019	3.45E-06	3.93E-10
naphthalene	0.00048	8.71E-06	9.94E-10
propylene	0.03127998	5.68E-04	6.48E-08
styrene	0.00126	2.29E-05	2.61E-09
toluene	0.05879998	1.07E-03	1.22E-07
m & p-xylene	0.03639998	6.61E-04	7.54E-08

Slover-Juniper Industrial Building

Slover Ave. from Driveway 1 to Sierra Ave. and then north to I-10		AADT by Truck Category[1]							
		LDV[2]	2-Axle[3]	3-Axle[4]	4+-Axle[5]				
		160	16	8	19				
		% of Vehicles That Are Diesel-Powered[6]							
		0.9%	2%	91%	94%				
Average Speed		Diesel Exhaust PM10 & PM2.5 Emissions at 35 mph (g/mi)[7]							
35 mph	PM_{10}	0.0067	5.43E-03	2.82E-02	1.70E-02				
	$PM_{2.5}$	0.0064	5.20E-03	2.70E-02	1.63E-02				
		% of Vehicles That Are Gasoline-Powered[6]							
		99%	98%	9%	5.8%				
Total distance covered by Slover Ave. sources		Gasoline Exhaust ROG Emissions at 35 mph (g/mi)[7]				Number of Sources	Emission Rates per source		
	ROG	0.009	2.31E-02	5.53E-02	6.88E-01		g/s	lb/hr	lb/yr
		PM_{10}, $PM_{2.5}$ & ROG Exhaust Emissions (g/s)							
782 meters	PM_{10}	1.05E-07	2.23E-08	2.29E-06	3.48E-06	60	9.8E-08	7.8E-07	0.0068
	$PM_{2.5}$	1.00E-07	2.14E-08	2.19E-06	3.33E-06	60	9.4E-08	7.5E-07	0.0065
	ROG	1.63E-05	4.14E-06	4.34E-07	8.67E-06	60	4.9E-07	3.9E-06	0.0342

[1] AADT from project traffic study

[2] LDV assumed to LDA (Passenger Cars)

[3] 2 axle trucks are assumed to be MDV (Medium-Duty Truck GVW=5,574-8,500 lbs.)

[4] 3 axle trucks are assumed to be MHDT (Medium-Heavy Duty Truck GVW=14,001-33,000 lbs.)

[5] 4+ axle trucks are assumed to be HHDT (Heavy-Heavy Duty Truck GVW=33,001-60,000 lbs.)

[6] Source: EMFAC2017 fleet populations.

[7] Source: EMFAC2017 emission factors for 2022 (model year aggregate).

Speciated Emissions Rates

		lb/yr	lb/hr
diesel part.	--	6.84E-03	7.80E-07
PM2.5	--	6.54E-03	7.46E-07
1,3-butadiene	0.0055	1.88E-04	2.15E-08
benzene	0.02636	9.02E-04	1.03E-07
ethylbenzene	0.01072	3.67E-04	4.19E-08
MEK	0.00019	6.50E-06	7.42E-10
naphthalene	0.00048	1.64E-05	1.87E-09
propylene	0.03127998	1.07E-03	1.22E-07
styrene	0.00126	4.31E-05	4.92E-09
toluene	0.05879998	2.01E-03	2.30E-07
m & p-xylene	0.03639998	1.25E-03	1.42E-07

Slover-Juniper Industrial Building

Project Trip Generation

Land Uses	Units		Daily
Industrial	41	TSF	
Trips/Unit (Cars)			3.899
Trips/Unit (2-Axle Trucks)			0.397
Trips/Unit (3-Axle Trucks)			0.193
Trips/Unit (4+ Axle Trucks)			0.471
Trips/Unit (Total)			4.960
Trip Generation (Cars)			160
Trip Generation (2-Axle Trucks)			16
Trip Generation (3-Axle Trucks)			8
Trip Generation (4+ Axle Trucks)			19
Trip Generation (Total)			203

Note: From Traffic Scoping Letters July 2020)
TSF = Thousand Square-Feet

APPENDIX B

AERMOD OUTPUT AND HARP RESULTS

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        ***   MODEL SETUP OPTIONS SUMMARY   ***
- -

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

  -- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for   92 Source(s),
  for Total of   1 Urban Area(s):
  Urban Population =   213739.0 ; 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
        TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: TOXICS

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

**This Run Includes: 92 Source(s);   92 Source Group(s); and   451 Receptor(s)

               with: 3 POINT(s), including
                          0 POINTCAP(s) and   0 POINTHOR(s)
                and: 89 VOLUME source(s)
                and: 0 AREA type source(s)
                and: 0 LINE source(s)
                and: 0 RLINE/RLINEXT source(s)
                and: 0 OPENPIT source(s)
                and: 0 BUOYANT LINE source(s) with   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 Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
        Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
        Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   397.00 ; 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 =   5.6 MB of RAM.

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

**File for Summary of Results: CFN1601.SUM

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
IDLE01	0	0.10000E+01	459459.0	3769305.4	332.4	3.80	366.00	50.00	0.10	YES	YES	NO	
IDLE02	0	0.10000E+01	459463.8	3769305.4	332.4	3.80	366.00	50.00	0.10	YES	YES	NO	
IDLE03	0	0.10000E+01	459468.6	3769305.4	332.4	3.80	366.00	50.00	0.10	YES	YES	NO	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
ONSIT01	0	0.10000E+01	459410.1	3769330.1	332.3	3.11	4.49	2.89	YES	
ONSIT02	0	0.10000E+01	459419.8	3769330.1	332.3	3.11	4.49	2.89	YES	
ONSIT03	0	0.10000E+01	459429.4	3769330.1	332.4	3.11	4.49	2.89	YES	
ONSIT04	0	0.10000E+01	459439.1	3769330.0	332.5	3.11	4.49	2.89	YES	
ONSIT05	0	0.10000E+01	459448.7	3769330.0	332.7	3.11	4.49	2.89	YES	
ONSIT06	0	0.10000E+01	459458.4	3769330.0	332.8	3.11	4.49	2.89	YES	
ONSIT07	0	0.10000E+01	459468.0	3769329.9	332.9	3.11	4.49	2.89	YES	
ONSIT08	0	0.10000E+01	459477.7	3769329.9	332.9	3.11	4.49	2.89	YES	
ONSIT09	0	0.10000E+01	459487.3	3769329.9	332.9	3.11	4.49	2.89	YES	
ONSIT10	0	0.10000E+01	459490.5	3769323.4	332.8	3.11	4.49	2.89	YES	
ONSIT11	0	0.10000E+01	459490.4	3769313.7	332.7	3.11	4.49	2.89	YES	
ONSIT12	0	0.10000E+01	459490.4	3769304.0	332.5	3.11	4.49	2.89	YES	
ONSIT13	0	0.10000E+01	459490.4	3769294.4	332.4	3.11	4.49	2.89	YES	
ONSIT14	0	0.10000E+01	459490.3	3769284.7	332.2	3.11	4.49	2.89	YES	
ONSIT15	0	0.10000E+01	459490.3	3769275.1	332.0	3.11	4.49	2.89	YES	
ONSIT16	0	0.10000E+01	459490.3	3769265.4	331.9	3.11	4.49	2.89	YES	
ONSIT17	0	0.10000E+01	459490.2	3769255.8	331.6	3.11	4.49	2.89	YES	
JUNIPR1	0	0.10000E+01	459399.9	3769324.1	332.1	3.11	6.19	2.89	YES	
JUNIPR2	0	0.10000E+01	459399.9	3769310.8	331.9	3.11	6.19	2.89	YES	
JUNIPR3	0	0.10000E+01	459399.9	3769297.4	331.6	3.11	6.19	2.89	YES	
JUNIPR4	0	0.10000E+01	459399.9	3769284.1	331.4	3.11	6.19	2.89	YES	
JUNIPR5	0	0.10000E+01	459399.9	3769270.8	331.1	3.11	6.19	2.89	YES	
JUNIPR6	0	0.10000E+01	459399.9	3769257.5	330.9	3.11	6.19	2.89	YES	
JUNIPR7	0	0.10000E+01	459399.9	3769244.2	330.6	3.11	6.19	2.89	YES	
SLVRW1	0	0.10000E+01	459406.8	3769238.1	330.6	3.11	7.89	2.89	YES	
SLVRW2	0	0.10000E+01	459423.8	3769238.1	330.7	3.11	7.89	2.89	YES	
SLVRW3	0	0.10000E+01	459440.8	3769238.1	330.8	3.11	7.89	2.89	YES	
SLVRW4	0	0.10000E+01	459457.7	3769238.1	331.0	3.11	7.89	2.89	YES	
SLVRW5	0	0.10000E+01	459474.7	3769238.1	331.1	3.11	7.89	2.89	YES	
SLSI01	0	0.10000E+01	459489.5	3769239.9	331.2	3.11	6.19	2.89	YES	
SLSI02	0	0.10000E+01	459502.8	3769239.7	331.3	3.11	6.19	2.89	YES	
SLSI03	0	0.10000E+01	459516.1	3769239.5	331.4	3.11	6.19	2.89	YES	
SLSI04	0	0.10000E+01	459529.4	3769239.3	331.5	3.11	6.19	2.89	YES	
SLSI05	0	0.10000E+01	459542.7	3769239.1	331.6	3.11	6.19	2.89	YES	
SLSI06	0	0.10000E+01	459556.1	3769238.9	331.7	3.11	6.19	2.89	YES	
SLSI07	0	0.10000E+01	459569.4	3769238.7	331.8	3.11	6.19	2.89	YES	
SLSI08	0	0.10000E+01	459582.7	3769238.5	331.9	3.11	6.19	2.89	YES	
SLSI09	0	0.10000E+01	459596.0	3769238.3	332.0	3.11	6.19	2.89	YES	
SLSI10	0	0.10000E+01	459609.3	3769238.1	332.1	3.11	6.19	2.89	YES	
SLSI11	0	0.10000E+01	459622.6	3769237.9	332.1	3.11	6.19	2.89	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
SLSI12	0	0.10000E+01	459635.9	3769237.7	332.2	3.11	6.19	2.89	YES	
SLSI13	0	0.10000E+01	459649.2	3769237.5	332.2	3.11	6.19	2.89	YES	
SLSI14	0	0.10000E+01	459662.6	3769237.3	332.2	3.11	6.19	2.89	YES	
SLSI15	0	0.10000E+01	459675.9	3769237.1	332.3	3.11	6.19	2.89	YES	
SLSI16	0	0.10000E+01	459689.2	3769236.9	332.3	3.11	6.19	2.89	YES	
SLSI17	0	0.10000E+01	459702.5	3769236.7	332.4	3.11	6.19	2.89	YES	
SLSI18	0	0.10000E+01	459715.8	3769236.5	332.5	3.11	6.19	2.89	YES	
SLSI19	0	0.10000E+01	459729.1	3769236.3	332.5	3.11	6.19	2.89	YES	
SLSI20	0	0.10000E+01	459742.5	3769236.1	332.6	3.11	6.19	2.89	YES	
SLSI21	0	0.10000E+01	459755.8	3769235.9	332.6	3.11	6.19	2.89	YES	
SLSI22	0	0.10000E+01	459769.1	3769235.7	332.7	3.11	6.19	2.89	YES	
SLSI23	0	0.10000E+01	459782.4	3769235.5	332.7	3.11	6.19	2.89	YES	
SLSI24	0	0.10000E+01	459795.7	3769235.3	332.8	3.11	6.19	2.89	YES	
SLSI25	0	0.10000E+01	459801.8	3769242.4	332.9	3.11	6.19	2.89	YES	
SLSI26	0	0.10000E+01	459801.7	3769255.7	333.0	3.11	6.19	2.89	YES	
SLSI27	0	0.10000E+01	459801.6	3769269.1	333.1	3.11	6.19	2.89	YES	
SLSI28	0	0.10000E+01	459801.6	3769282.4	333.2	3.11	6.19	2.89	YES	
SLSI29	0	0.10000E+01	459801.5	3769295.7	333.4	3.11	6.19	2.89	YES	
SLSI30	0	0.10000E+01	459801.4	3769309.0	333.6	3.11	6.19	2.89	YES	
SLSI31	0	0.10000E+01	459801.3	3769322.3	333.9	3.11	6.19	2.89	YES	
SLSI32	0	0.10000E+01	459801.2	3769335.6	334.3	3.11	6.19	2.89	YES	
SLSI33	0	0.10000E+01	459801.2	3769348.9	334.8	3.11	6.19	2.89	YES	
SLSI34	0	0.10000E+01	459801.1	3769362.3	335.3	3.11	6.19	2.89	YES	
SLSI35	0	0.10000E+01	459801.0	3769375.6	335.9	3.11	6.19	2.89	YES	
SLSI36	0	0.10000E+01	459800.9	3769388.9	336.6	3.11	6.19	2.89	YES	
SLSI37	0	0.10000E+01	459800.8	3769402.2	337.4	3.11	6.19	2.89	YES	
SLSI38	0	0.10000E+01	459800.8	3769415.5	338.2	3.11	6.19	2.89	YES	
SLSI39	0	0.10000E+01	459800.7	3769428.8	339.1	3.11	6.19	2.89	YES	
SLSI40	0	0.10000E+01	459800.6	3769442.1	340.0	3.11	6.19	2.89	YES	
SLSI41	0	0.10000E+01	459800.5	3769455.5	341.0	3.11	6.19	2.89	YES	
SLSI42	0	0.10000E+01	459800.5	3769468.8	341.9	3.11	6.19	2.89	YES	
SLSI43	0	0.10000E+01	459800.4	3769482.1	342.7	3.11	6.19	2.89	YES	
SLSI44	0	0.10000E+01	459800.3	3769495.4	343.5	3.11	6.19	2.89	YES	
SLSI45	0	0.10000E+01	459800.2	3769508.7	344.2	3.11	6.19	2.89	YES	
SLSI46	0	0.10000E+01	459800.1	3769522.0	344.8	3.11	6.19	2.89	YES	
SLSI47	0	0.10000E+01	459800.1	3769535.4	345.4	3.11	6.19	2.89	YES	
SLSI48	0	0.10000E+01	459800.0	3769548.7	345.8	3.11	6.19	2.89	YES	
SLSI49	0	0.10000E+01	459799.9	3769562.0	346.2	3.11	6.19	2.89	YES	
SLSI50	0	0.10000E+01	459799.8	3769575.3	346.6	3.11	6.19	2.89	YES	
SLSI51	0	0.10000E+01	459799.7	3769588.6	346.9	3.11	6.19	2.89	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
SLSI52	0	0.10000E+01	459799.7	3769601.9	347.1	3.11	6.19	2.89	YES	
SLSI53	0	0.10000E+01	459799.6	3769615.2	345.1	3.11	6.19	2.89	YES	
SLSI54	0	0.10000E+01	459799.5	3769628.6	338.9	3.11	6.19	2.89	YES	
SLSI55	0	0.10000E+01	459799.4	3769641.9	341.4	3.11	6.19	2.89	YES	
SLSI56	0	0.10000E+01	459799.3	3769655.2	346.6	3.11	6.19	2.89	YES	
SLSI57	0	0.10000E+01	459799.3	3769668.5	347.0	3.11	6.19	2.89	YES	
SLSI58	0	0.10000E+01	459799.2	3769681.8	342.0	3.11	6.19	2.89	YES	
SLSI59	0	0.10000E+01	459799.1	3769695.1	338.4	3.11	6.19	2.89	YES	
SLSI60	0	0.10000E+01	459799.0	3769708.4	338.4	3.11	6.19	2.89	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(459114.2,	3768854.0,	326.8,	326.8,	0.0);	(459164.2,	3768854.0,	326.9,	326.9,	0.0);
(459214.2,	3768854.0,	325.8,	325.8,	0.0);	(459264.2,	3768854.0,	325.8,	325.8,	0.0);
(459314.2,	3768854.0,	326.8,	326.8,	0.0);	(459364.2,	3768854.0,	326.4,	326.4,	0.0);
(459414.2,	3768854.0,	327.0,	327.0,	0.0);	(459464.2,	3768854.0,	327.6,	327.6,	0.0);
(459514.2,	3768854.0,	328.0,	328.0,	0.0);	(459564.2,	3768854.0,	328.2,	328.2,	0.0);
(459614.2,	3768854.0,	328.5,	328.5,	0.0);	(459664.2,	3768854.0,	328.6,	328.6,	0.0);
(459714.2,	3768854.0,	329.2,	329.2,	0.0);	(459764.2,	3768854.0,	329.2,	329.2,	0.0);
(459814.2,	3768854.0,	328.9,	328.9,	0.0);	(459864.2,	3768854.0,	328.7,	328.7,	0.0);
(459914.2,	3768854.0,	328.6,	328.6,	0.0);	(459964.2,	3768854.0,	328.7,	328.7,	0.0);
(460014.2,	3768854.0,	328.8,	328.8,	0.0);	(460064.2,	3768854.0,	328.7,	328.7,	0.0);
(460114.2,	3768854.0,	328.7,	328.7,	0.0);	(459114.2,	3768904.0,	326.9,	326.9,	0.0);
(459164.2,	3768904.0,	326.3,	326.3,	0.0);	(459214.2,	3768904.0,	326.6,	326.6,	0.0);
(459264.2,	3768904.0,	326.1,	326.1,	0.0);	(459314.2,	3768904.0,	327.5,	327.5,	0.0);
(459364.2,	3768904.0,	327.8,	327.8,	0.0);	(459414.2,	3768904.0,	327.3,	327.3,	0.0);
(459464.2,	3768904.0,	327.8,	327.8,	0.0);	(459514.2,	3768904.0,	328.1,	328.1,	0.0);
(459564.2,	3768904.0,	328.3,	328.3,	0.0);	(459614.2,	3768904.0,	328.6,	328.6,	0.0);
(459664.2,	3768904.0,	328.8,	328.8,	0.0);	(459714.2,	3768904.0,	329.3,	329.3,	0.0);
(459764.2,	3768904.0,	329.2,	329.2,	0.0);	(459814.2,	3768904.0,	329.4,	329.4,	0.0);
(459864.2,	3768904.0,	329.4,	329.4,	0.0);	(459914.2,	3768904.0,	329.1,	329.1,	0.0);
(459964.2,	3768904.0,	330.0,	330.0,	0.0);	(460014.2,	3768904.0,	329.4,	329.4,	0.0);
(460064.2,	3768904.0,	329.2,	329.2,	0.0);	(460114.2,	3768904.0,	329.2,	329.2,	0.0);
(459114.2,	3768954.0,	326.4,	326.4,	0.0);	(459164.2,	3768954.0,	326.2,	326.2,	0.0);
(459214.2,	3768954.0,	326.8,	326.8,	0.0);	(459264.2,	3768954.0,	326.5,	326.5,	0.0);
(459314.2,	3768954.0,	327.2,	327.2,	0.0);	(459364.2,	3768954.0,	327.4,	327.4,	0.0);
(459414.2,	3768954.0,	327.4,	327.4,	0.0);	(459464.2,	3768954.0,	327.8,	327.8,	0.0);
(459514.2,	3768954.0,	328.5,	328.5,	0.0);	(459564.2,	3768954.0,	328.9,	328.9,	0.0);
(459614.2,	3768954.0,	329.3,	329.3,	0.0);	(459664.2,	3768954.0,	329.2,	329.2,	0.0);
(459714.2,	3768954.0,	329.6,	329.6,	0.0);	(459764.2,	3768954.0,	329.7,	329.7,	0.0);
(459814.2,	3768954.0,	329.8,	329.8,	0.0);	(459864.2,	3768954.0,	330.0,	330.0,	0.0);
(459914.2,	3768954.0,	329.8,	329.8,	0.0);	(459964.2,	3768954.0,	330.4,	330.4,	0.0);
(460014.2,	3768954.0,	329.7,	329.7,	0.0);	(460064.2,	3768954.0,	329.8,	329.8,	0.0);
(460114.2,	3768954.0,	329.8,	329.8,	0.0);	(459114.2,	3769004.0,	326.2,	326.2,	0.0);
(459164.2,	3769004.0,	326.4,	326.4,	0.0);	(459214.2,	3769004.0,	326.7,	326.7,	0.0);
(459264.2,	3769004.0,	326.9,	326.9,	0.0);	(459314.2,	3769004.0,	327.4,	327.4,	0.0);
(459364.2,	3769004.0,	327.6,	327.6,	0.0);	(459414.2,	3769004.0,	327.9,	327.9,	0.0);
(459464.2,	3769004.0,	328.2,	328.2,	0.0);	(459514.2,	3769004.0,	329.0,	329.0,	0.0);
(459564.2,	3769004.0,	329.3,	329.3,	0.0);	(459614.2,	3769004.0,	329.6,	329.6,	0.0);
(459664.2,	3769004.0,	329.3,	329.3,	0.0);	(459714.2,	3769004.0,	329.8,	329.8,	0.0);
(459764.2,	3769004.0,	330.2,	330.2,	0.0);	(459814.2,	3769004.0,	330.3,	330.3,	0.0);
(459864.2,	3769004.0,	330.5,	330.5,	0.0);	(459914.2,	3769004.0,	330.3,	330.3,	0.0);
(459964.2,	3769004.0,	330.9,	330.9,	0.0);	(460014.2,	3769004.0,	330.2,	330.2,	0.0);
(460064.2,	3769004.0,	330.4,	330.4,	0.0);	(460114.2,	3769004.0,	330.4,	330.4,	0.0);
(459114.2,	3769054.0,	328.3,	328.3,	0.0);	(459164.2,	3769054.0,	328.4,	328.4,	0.0);
(459214.2,	3769054.0,	327.9,	327.9,	0.0);	(459264.2,	3769054.0,	327.9,	327.9,	0.0);
(459314.2,	3769054.0,	328.0,	328.0,	0.0);	(459364.2,	3769054.0,	328.3,	328.3,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(459414.2,	3769054.0,	328.5,	328.5,	0.0);	(459464.2,	3769054.0,	329.2,	329.2,	0.0);
(459514.2,	3769054.0,	330.0,	330.0,	0.0);	(459564.2,	3769054.0,	330.2,	330.2,	0.0);
(459614.2,	3769054.0,	331.3,	331.3,	0.0);	(459664.2,	3769054.0,	330.8,	330.8,	0.0);
(459714.2,	3769054.0,	331.5,	331.5,	0.0);	(459764.2,	3769054.0,	331.5,	331.5,	0.0);
(459814.2,	3769054.0,	330.8,	330.8,	0.0);	(459864.2,	3769054.0,	331.0,	331.0,	0.0);
(459914.2,	3769054.0,	330.8,	330.8,	0.0);	(459964.2,	3769054.0,	330.5,	330.5,	0.0);
(460014.2,	3769054.0,	330.7,	330.7,	0.0);	(460064.2,	3769054.0,	330.9,	330.9,	0.0);
(460114.2,	3769054.0,	331.1,	331.1,	0.0);	(459114.2,	3769104.0,	328.8,	328.8,	0.0);
(459164.2,	3769104.0,	329.6,	329.6,	0.0);	(459214.2,	3769104.0,	328.4,	328.4,	0.0);
(459264.2,	3769104.0,	328.5,	328.5,	0.0);	(459314.2,	3769104.0,	328.5,	328.5,	0.0);
(459364.2,	3769104.0,	328.7,	328.7,	0.0);	(459414.2,	3769104.0,	328.9,	328.9,	0.0);
(459464.2,	3769104.0,	329.4,	329.4,	0.0);	(459514.2,	3769104.0,	330.1,	330.1,	0.0);
(459564.2,	3769104.0,	330.4,	330.4,	0.0);	(459614.2,	3769104.0,	331.6,	331.6,	0.0);
(459664.2,	3769104.0,	331.0,	331.0,	0.0);	(459714.2,	3769104.0,	332.0,	332.0,	0.0);
(459764.2,	3769104.0,	332.2,	332.2,	0.0);	(459814.2,	3769104.0,	331.3,	331.3,	0.0);
(459864.2,	3769104.0,	330.9,	330.9,	0.0);	(459914.2,	3769104.0,	331.4,	331.4,	0.0);
(459964.2,	3769104.0,	331.1,	331.1,	0.0);	(460014.2,	3769104.0,	331.2,	331.2,	0.0);
(460064.2,	3769104.0,	331.4,	331.4,	0.0);	(460114.2,	3769104.0,	331.8,	331.8,	0.0);
(459114.2,	3769154.0,	329.4,	329.4,	0.0);	(459164.2,	3769154.0,	330.4,	330.4,	0.0);
(459214.2,	3769154.0,	329.1,	329.1,	0.0);	(459264.2,	3769154.0,	328.9,	328.9,	0.0);
(459314.2,	3769154.0,	329.0,	329.0,	0.0);	(459364.2,	3769154.0,	329.4,	329.4,	0.0);
(459414.2,	3769154.0,	329.8,	329.8,	0.0);	(459464.2,	3769154.0,	330.2,	330.2,	0.0);
(459514.2,	3769154.0,	331.1,	331.1,	0.0);	(459564.2,	3769154.0,	330.8,	330.8,	0.0);
(459614.2,	3769154.0,	332.0,	332.0,	0.0);	(459664.2,	3769154.0,	332.9,	332.9,	0.0);
(459714.2,	3769154.0,	332.7,	332.7,	0.0);	(459764.2,	3769154.0,	332.4,	332.4,	0.0);
(459814.2,	3769154.0,	331.8,	331.8,	0.0);	(459864.2,	3769154.0,	331.6,	331.6,	0.0);
(459914.2,	3769154.0,	331.6,	331.6,	0.0);	(459964.2,	3769154.0,	331.5,	331.5,	0.0);
(460014.2,	3769154.0,	332.0,	332.0,	0.0);	(460064.2,	3769154.0,	332.3,	332.3,	0.0);
(460114.2,	3769154.0,	332.5,	332.5,	0.0);	(459114.2,	3769204.0,	330.0,	330.0,	0.0);
(459164.2,	3769204.0,	330.9,	330.9,	0.0);	(459214.2,	3769204.0,	329.9,	329.9,	0.0);
(459264.2,	3769204.0,	329.7,	329.7,	0.0);	(459314.2,	3769204.0,	329.4,	329.4,	0.0);
(459364.2,	3769204.0,	329.9,	329.9,	0.0);	(459414.2,	3769204.0,	330.4,	330.4,	0.0);
(459464.2,	3769204.0,	331.0,	331.0,	0.0);	(459514.2,	3769204.0,	331.5,	331.5,	0.0);
(459564.2,	3769204.0,	331.6,	331.6,	0.0);	(459614.2,	3769204.0,	332.4,	332.4,	0.0);
(459664.2,	3769204.0,	332.3,	332.3,	0.0);	(459714.2,	3769204.0,	332.5,	332.5,	0.0);
(459764.2,	3769204.0,	332.7,	332.7,	0.0);	(459814.2,	3769204.0,	332.4,	332.4,	0.0);
(459864.2,	3769204.0,	332.6,	332.6,	0.0);	(459914.2,	3769204.0,	333.1,	333.1,	0.0);
(459964.2,	3769204.0,	333.1,	333.1,	0.0);	(460014.2,	3769204.0,	333.4,	333.4,	0.0);
(460064.2,	3769204.0,	333.1,	333.1,	0.0);	(460114.2,	3769204.0,	333.2,	333.2,	0.0);
(459114.2,	3769254.0,	330.7,	330.7,	0.0);	(459164.2,	3769254.0,	330.9,	330.9,	0.0);
(459214.2,	3769254.0,	331.2,	331.2,	0.0);	(459264.2,	3769254.0,	330.5,	330.5,	0.0);
(459314.2,	3769254.0,	330.5,	330.5,	0.0);	(459364.2,	3769254.0,	330.6,	330.6,	0.0);
(459514.2,	3769254.0,	331.7,	331.7,	0.0);	(459564.2,	3769254.0,	331.9,	331.9,	0.0);
(459614.2,	3769254.0,	332.2,	332.2,	0.0);	(459664.2,	3769254.0,	332.4,	332.4,	0.0);
(459714.2,	3769254.0,	332.8,	332.8,	0.0);	(459764.2,	3769254.0,	332.9,	332.9,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(459814.2, 3769254.0,	332.9,	332.9,	0.0);	(459864.2, 3769254.0,	333.3,	333.3,	0.0);
(459914.2, 3769254.0,	333.6,	333.6,	0.0);	(459964.2, 3769254.0,	333.3,	333.3,	0.0);
(460014.2, 3769254.0,	333.6,	333.6,	0.0);	(460064.2, 3769254.0,	333.7,	333.7,	0.0);
(460114.2, 3769254.0,	333.7,	333.7,	0.0);	(459114.2, 3769304.0,	331.1,	331.1,	0.0);
(459164.2, 3769304.0,	331.3,	331.3,	0.0);	(459214.2, 3769304.0,	331.6,	331.6,	0.0);
(459264.2, 3769304.0,	331.2,	331.2,	0.0);	(459314.2, 3769304.0,	330.9,	330.9,	0.0);
(459364.2, 3769304.0,	331.4,	331.4,	0.0);	(459514.2, 3769304.0,	332.5,	332.5,	0.0);
(459564.2, 3769304.0,	332.9,	332.9,	0.0);	(459614.2, 3769304.0,	333.2,	333.2,	0.0);
(459664.2, 3769304.0,	333.1,	333.1,	0.0);	(459714.2, 3769304.0,	333.2,	333.2,	0.0);
(459764.2, 3769304.0,	333.6,	333.6,	0.0);	(459814.2, 3769304.0,	333.4,	333.4,	0.0);
(459864.2, 3769304.0,	333.9,	333.9,	0.0);	(459914.2, 3769304.0,	333.1,	333.1,	0.0);
(459964.2, 3769304.0,	333.2,	333.2,	0.0);	(460014.2, 3769304.0,	333.4,	333.4,	0.0);
(460064.2, 3769304.0,	333.3,	333.3,	0.0);	(460114.2, 3769304.0,	333.5,	333.5,	0.0);
(459114.2, 3769354.0,	331.8,	331.8,	0.0);	(459164.2, 3769354.0,	331.7,	331.7,	0.0);
(459214.2, 3769354.0,	332.1,	332.1,	0.0);	(459264.2, 3769354.0,	332.3,	332.3,	0.0);
(459314.2, 3769354.0,	332.1,	332.1,	0.0);	(459364.2, 3769354.0,	332.1,	332.1,	0.0);
(459414.2, 3769354.0,	332.6,	332.6,	0.0);	(459464.2, 3769354.0,	333.0,	333.0,	0.0);
(459514.2, 3769354.0,	333.2,	333.2,	0.0);	(459564.2, 3769354.0,	333.5,	333.5,	0.0);
(459614.2, 3769354.0,	333.7,	333.7,	0.0);	(459664.2, 3769354.0,	333.6,	333.6,	0.0);
(459714.2, 3769354.0,	333.9,	333.9,	0.0);	(459764.2, 3769354.0,	333.9,	333.9,	0.0);
(459814.2, 3769354.0,	334.7,	334.7,	0.0);	(459864.2, 3769354.0,	334.1,	334.1,	0.0);
(459914.2, 3769354.0,	333.9,	333.9,	0.0);	(459964.2, 3769354.0,	333.7,	333.7,	0.0);
(460014.2, 3769354.0,	333.5,	333.5,	0.0);	(460064.2, 3769354.0,	333.9,	333.9,	0.0);
(460114.2, 3769354.0,	333.9,	333.9,	0.0);	(459114.2, 3769404.0,	332.4,	332.4,	0.0);
(459164.2, 3769404.0,	332.2,	332.2,	0.0);	(459214.2, 3769404.0,	332.5,	332.5,	0.0);
(459264.2, 3769404.0,	332.8,	332.8,	0.0);	(459314.2, 3769404.0,	333.0,	333.0,	0.0);
(459364.2, 3769404.0,	333.5,	333.5,	0.0);	(459414.2, 3769404.0,	333.9,	333.9,	0.0);
(459464.2, 3769404.0,	333.6,	333.6,	0.0);	(459514.2, 3769404.0,	334.0,	334.0,	0.0);
(459564.2, 3769404.0,	334.2,	334.2,	0.0);	(459614.2, 3769404.0,	334.4,	334.4,	0.0);
(459664.2, 3769404.0,	334.4,	334.4,	0.0);	(459714.2, 3769404.0,	334.7,	334.7,	0.0);
(459764.2, 3769404.0,	334.9,	341.4,	0.0);	(459814.2, 3769404.0,	337.2,	337.2,	0.0);
(459864.2, 3769404.0,	334.5,	334.5,	0.0);	(459914.2, 3769404.0,	334.6,	334.6,	0.0);
(459964.2, 3769404.0,	334.5,	334.5,	0.0);	(460014.2, 3769404.0,	334.1,	334.1,	0.0);
(460064.2, 3769404.0,	333.9,	333.9,	0.0);	(460114.2, 3769404.0,	333.7,	333.7,	0.0);
(459114.2, 3769454.0,	333.2,	333.2,	0.0);	(459164.2, 3769454.0,	333.2,	333.2,	0.0);
(459214.2, 3769454.0,	333.1,	333.1,	0.0);	(459264.2, 3769454.0,	333.3,	333.3,	0.0);
(459314.2, 3769454.0,	333.3,	333.3,	0.0);	(459364.2, 3769454.0,	333.8,	333.8,	0.0);
(459414.2, 3769454.0,	334.5,	334.5,	0.0);	(459464.2, 3769454.0,	334.9,	334.9,	0.0);
(459514.2, 3769454.0,	334.6,	334.6,	0.0);	(459564.2, 3769454.0,	334.7,	334.7,	0.0);
(459614.2, 3769454.0,	334.7,	334.7,	0.0);	(459664.2, 3769454.0,	334.7,	334.7,	0.0);
(459714.2, 3769454.0,	335.0,	343.9,	0.0);	(459764.2, 3769454.0,	335.9,	345.8,	0.0);
(459814.2, 3769454.0,	340.5,	340.5,	0.0);	(459864.2, 3769454.0,	335.4,	345.1,	0.0);
(459914.2, 3769454.0,	335.3,	335.3,	0.0);	(459964.2, 3769454.0,	335.4,	335.4,	0.0);
(460014.2, 3769454.0,	335.2,	335.2,	0.0);	(460064.2, 3769454.0,	334.9,	334.9,	0.0);
(460114.2, 3769454.0,	334.7,	334.7,	0.0);	(459114.2, 3769504.0,	333.8,	333.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(	459164.2,	3769504.0,	333.7,	333.7,	0.0);	(	459214.2,	3769504.0,	333.8,	333.8,	0.0);
(	459264.2,	3769504.0,	333.9,	333.9,	0.0);	(	459314.2,	3769504.0,	333.5,	333.5,	0.0);
(	459364.2,	3769504.0,	334.0,	334.0,	0.0);	(	459414.2,	3769504.0,	335.0,	335.0,	0.0);
(	459464.2,	3769504.0,	335.7,	335.7,	0.0);	(	459514.2,	3769504.0,	335.4,	335.4,	0.0);
(	459564.2,	3769504.0,	335.2,	335.2,	0.0);	(	459614.2,	3769504.0,	335.3,	335.3,	0.0);
(	459664.2,	3769504.0,	335.2,	335.2,	0.0);	(	459714.2,	3769504.0,	335.4,	346.7,	0.0);
(	459764.2,	3769504.0,	338.1,	346.7,	0.0);	(	459814.2,	3769504.0,	343.6,	343.6,	0.0);
(	459864.2,	3769504.0,	335.4,	347.1,	0.0);	(	459914.2,	3769504.0,	335.4,	335.4,	0.0);
(	459964.2,	3769504.0,	335.5,	335.5,	0.0);	(	460014.2,	3769504.0,	335.4,	335.4,	0.0);
(	460064.2,	3769504.0,	335.6,	335.6,	0.0);	(	460114.2,	3769504.0,	335.5,	335.5,	0.0);
(	459114.2,	3769554.0,	334.4,	334.4,	0.0);	(	459164.2,	3769554.0,	334.2,	334.2,	0.0);
(	459214.2,	3769554.0,	334.4,	334.4,	0.0);	(	459264.2,	3769554.0,	334.5,	334.5,	0.0);
(	459314.2,	3769554.0,	333.8,	333.8,	0.0);	(	459364.2,	3769554.0,	334.3,	334.3,	0.0);
(	459414.2,	3769554.0,	335.2,	335.2,	0.0);	(	459464.2,	3769554.0,	336.0,	336.0,	0.0);
(	459514.2,	3769554.0,	336.2,	336.2,	0.0);	(	459564.2,	3769554.0,	336.0,	336.0,	0.0);
(	459614.2,	3769554.0,	336.0,	336.0,	0.0);	(	459664.2,	3769554.0,	335.9,	335.9,	0.0);
(	459714.2,	3769554.0,	336.0,	347.2,	0.0);	(	459764.2,	3769554.0,	340.9,	347.1,	0.0);
(	459814.2,	3769554.0,	345.7,	345.7,	0.0);	(	459864.2,	3769554.0,	335.5,	347.2,	0.0);
(	459914.2,	3769554.0,	335.4,	347.0,	0.0);	(	459964.2,	3769554.0,	335.3,	335.3,	0.0);
(	460014.2,	3769554.0,	334.8,	334.8,	0.0);	(	460064.2,	3769554.0,	335.3,	335.3,	0.0);
(	460114.2,	3769554.0,	335.4,	335.4,	0.0);	(	459114.2,	3769604.0,	335.5,	335.5,	0.0);
(	459164.2,	3769604.0,	335.4,	335.4,	0.0);	(	459214.2,	3769604.0,	335.6,	335.6,	0.0);
(	459264.2,	3769604.0,	335.6,	335.6,	0.0);	(	459314.2,	3769604.0,	335.3,	335.3,	0.0);
(	459364.2,	3769604.0,	335.3,	335.3,	0.0);	(	459414.2,	3769604.0,	335.9,	335.9,	0.0);
(	459464.2,	3769604.0,	336.5,	336.5,	0.0);	(	459514.2,	3769604.0,	336.9,	336.9,	0.0);
(	459564.2,	3769604.0,	336.9,	336.9,	0.0);	(	459614.2,	3769604.0,	336.7,	336.7,	0.0);
(	459664.2,	3769604.0,	336.5,	346.4,	0.0);	(	459714.2,	3769604.0,	336.9,	347.3,	0.0);
(	459764.2,	3769604.0,	341.9,	347.2,	0.0);	(	459814.2,	3769604.0,	346.9,	346.9,	0.0);
(	459864.2,	3769604.0,	337.2,	347.3,	0.0);	(	459914.2,	3769604.0,	337.1,	346.8,	0.0);
(	459964.2,	3769604.0,	337.7,	337.7,	0.0);	(	460014.2,	3769604.0,	338.2,	338.2,	0.0);
(	460064.2,	3769604.0,	338.3,	338.3,	0.0);	(	460114.2,	3769604.0,	338.6,	338.6,	0.0);
(	459114.2,	3769654.0,	336.4,	336.4,	0.0);	(	459164.2,	3769654.0,	336.4,	336.4,	0.0);
(	459214.2,	3769654.0,	336.3,	336.3,	0.0);	(	459264.2,	3769654.0,	336.4,	336.4,	0.0);
(	459314.2,	3769654.0,	336.5,	336.5,	0.0);	(	459364.2,	3769654.0,	336.9,	336.9,	0.0);
(	459414.2,	3769654.0,	337.2,	337.2,	0.0);	(	459464.2,	3769654.0,	337.5,	337.5,	0.0);
(	459514.2,	3769654.0,	337.9,	337.9,	0.0);	(	459564.2,	3769654.0,	338.2,	338.2,	0.0);
(	459614.2,	3769654.0,	339.4,	339.4,	0.0);	(	459664.2,	3769654.0,	341.1,	344.2,	0.0);
(	459714.2,	3769654.0,	343.7,	346.2,	0.0);	(	459764.2,	3769654.0,	345.8,	347.1,	0.0);
(	459814.2,	3769654.0,	346.1,	347.3,	0.0);	(	459864.2,	3769654.0,	343.4,	347.1,	0.0);
(	459914.2,	3769654.0,	340.6,	345.6,	0.0);	(	459964.2,	3769654.0,	339.1,	339.1,	0.0);
(	460014.2,	3769654.0,	338.7,	338.7,	0.0);	(	460064.2,	3769654.0,	338.7,	338.7,	0.0);
(	460114.2,	3769654.0,	338.8,	338.8,	0.0);	(	459114.2,	3769704.0,	335.7,	335.7,	0.0);
(	459164.2,	3769704.0,	335.8,	335.8,	0.0);	(	459214.2,	3769704.0,	336.0,	336.0,	0.0);
(	459264.2,	3769704.0,	336.1,	336.1,	0.0);	(	459314.2,	3769704.0,	336.3,	336.3,	0.0);
(	459364.2,	3769704.0,	336.6,	336.6,	0.0);	(	459414.2,	3769704.0,	337.1,	337.1,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(459464.2,	3769704.0,	337.5,	337.5,	0.0);	(459514.2,	3769704.0,	337.8,	337.8,	0.0);
(459564.2,	3769704.0,	338.1,	338.1,	0.0);	(459614.2,	3769704.0,	338.2,	338.2,	0.0);
(459664.2,	3769704.0,	338.3,	345.6,	0.0);	(459714.2,	3769704.0,	338.3,	347.2,	0.0);
(459764.2,	3769704.0,	338.3,	347.3,	0.0);	(459814.2,	3769704.0,	338.3,	347.3,	0.0);
(459864.2,	3769704.0,	338.4,	347.3,	0.0);	(459914.2,	3769704.0,	338.6,	346.3,	0.0);
(459964.2,	3769704.0,	338.7,	338.7,	0.0);	(460014.2,	3769704.0,	338.8,	338.8,	0.0);
(460064.2,	3769704.0,	338.9,	338.9,	0.0);	(460114.2,	3769704.0,	339.1,	339.1,	0.0);
(459114.2,	3769754.0,	336.8,	336.8,	0.0);	(459164.2,	3769754.0,	336.7,	336.7,	0.0);
(459214.2,	3769754.0,	337.3,	337.3,	0.0);	(459264.2,	3769754.0,	337.5,	337.5,	0.0);
(459314.2,	3769754.0,	337.2,	337.2,	0.0);	(459364.2,	3769754.0,	337.5,	337.5,	0.0);
(459414.2,	3769754.0,	337.3,	337.3,	0.0);	(459464.2,	3769754.0,	338.8,	338.8,	0.0);
(459514.2,	3769754.0,	339.2,	339.2,	0.0);	(459564.2,	3769754.0,	339.2,	339.2,	0.0);
(459614.2,	3769754.0,	338.7,	338.7,	0.0);	(459664.2,	3769754.0,	339.3,	339.3,	0.0);
(459714.2,	3769754.0,	342.4,	342.4,	0.0);	(459764.2,	3769754.0,	345.1,	345.1,	0.0);
(459814.2,	3769754.0,	345.4,	345.4,	0.0);	(459864.2,	3769754.0,	344.2,	344.2,	0.0);
(459914.2,	3769754.0,	341.4,	341.4,	0.0);	(459964.2,	3769754.0,	339.5,	339.5,	0.0);
(460014.2,	3769754.0,	339.2,	339.2,	0.0);	(460064.2,	3769754.0,	339.6,	339.6,	0.0);
(460114.2,	3769754.0,	340.0,	340.0,	0.0);	(459114.2,	3769804.0,	337.4,	337.4,	0.0);
(459164.2,	3769804.0,	337.4,	337.4,	0.0);	(459214.2,	3769804.0,	338.0,	338.0,	0.0);
(459264.2,	3769804.0,	337.8,	337.8,	0.0);	(459314.2,	3769804.0,	337.8,	337.8,	0.0);
(459364.2,	3769804.0,	337.6,	337.6,	0.0);	(459414.2,	3769804.0,	338.1,	338.1,	0.0);
(459464.2,	3769804.0,	339.6,	339.6,	0.0);	(459514.2,	3769804.0,	339.9,	339.9,	0.0);
(459564.2,	3769804.0,	339.7,	339.7,	0.0);	(459614.2,	3769804.0,	339.4,	339.4,	0.0);
(459664.2,	3769804.0,	340.2,	340.2,	0.0);	(459714.2,	3769804.0,	340.3,	340.3,	0.0);
(459764.2,	3769804.0,	339.8,	345.5,	0.0);	(459814.2,	3769804.0,	343.0,	343.0,	0.0);
(459864.2,	3769804.0,	339.8,	344.8,	0.0);	(459914.2,	3769804.0,	340.0,	340.0,	0.0);
(459964.2,	3769804.0,	339.8,	339.8,	0.0);	(460014.2,	3769804.0,	340.4,	340.4,	0.0);
(460064.2,	3769804.0,	340.4,	340.4,	0.0);	(460114.2,	3769804.0,	340.2,	340.2,	0.0);
(459114.2,	3769854.0,	339.2,	339.2,	0.0);	(459164.2,	3769854.0,	338.4,	338.4,	0.0);
(459214.2,	3769854.0,	338.3,	338.3,	0.0);	(459264.2,	3769854.0,	338.3,	338.3,	0.0);
(459314.2,	3769854.0,	338.1,	338.1,	0.0);	(459364.2,	3769854.0,	338.2,	338.2,	0.0);
(459414.2,	3769854.0,	338.5,	338.5,	0.0);	(459464.2,	3769854.0,	339.3,	339.3,	0.0);
(459514.2,	3769854.0,	339.7,	339.7,	0.0);	(459564.2,	3769854.0,	339.2,	339.2,	0.0);
(459614.2,	3769854.0,	339.5,	339.5,	0.0);	(459664.2,	3769854.0,	339.8,	339.8,	0.0);
(459714.2,	3769854.0,	340.1,	340.1,	0.0);	(459764.2,	3769854.0,	340.6,	340.6,	0.0);
(459814.2,	3769854.0,	341.2,	341.2,	0.0);	(459864.2,	3769854.0,	341.1,	341.1,	0.0);
(459914.2,	3769854.0,	340.0,	340.0,	0.0);	(459964.2,	3769854.0,	340.2,	340.2,	0.0);
(460014.2,	3769854.0,	340.4,	340.4,	0.0);	(460064.2,	3769854.0,	339.9,	339.9,	0.0);
(460114.2,	3769854.0,	340.3,	340.3,	0.0);	(459513.8,	3769272.8,	332.0,	332.0,	0.0);
(459513.3,	3769289.5,	332.3,	332.3,	0.0);	(459513.8,	3769319.4,	332.7,	332.7,	0.0);
(459514.0,	3769334.7,	333.0,	333.0,	0.0);	(459383.5,	3769323.5,	331.8,	331.8,	0.0);
(459368.6,	3769307.0,	331.5,	331.5,	0.0);	(459417.5,	3769348.1,	332.6,	332.6,	0.0);
(459417.0,	3769367.8,	332.9,	332.9,	0.0);	(459538.8,	3769266.7,	331.9,	331.9,	0.0);
(459541.8,	3769282.9,	332.2,	332.2,	0.0);	(459542.5,	3769300.2,	332.5,	332.5,	0.0);
(459542.0,	3769315.3,	332.6,	332.6,	0.0);	(459541.6,	3769329.2,	332.8,	332.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(459540.6, 3769344.4,   333.0,   333.0,   0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: FONT_v9.SFC Met Version: 16216
Profile file: FONT_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3102 Upper air station no.: 3190
Name: FONTANA Name: MIRAMAR_AIR_STATION
Year: 2011 Year: 2011

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
11	01	01	1	01	-18.5	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	69.	9.1	276.4	5.5
11	01	01	1	02	-23.8	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	52.	9.1	275.4	5.5
11	01	01	1	03	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	32.	9.1	275.4	5.5
11	01	01	1	04	-1.4	0.067	-9.000	-9.000	-999.	57.	18.3	0.25	2.82	1.00	0.40	27.	9.1	274.2	5.5
11	01	01	1	05	-18.6	0.194	-9.000	-9.000	-999.	204.	41.2	0.25	2.82	1.00	1.80	51.	9.1	274.2	5.5
11	01	01	1	06	-29.7	0.296	-9.000	-9.000	-999.	387.	96.6	0.25	2.82	1.00	2.70	53.	9.1	274.2	5.5
11	01	01	1	07	-24.0	0.239	-9.000	-9.000	-999.	282.	63.0	0.25	2.82	1.00	2.20	70.	9.1	274.2	5.5
11	01	01	1	08	-8.4	0.138	-9.000	-9.000	-999.	127.	27.3	0.25	2.82	0.54	1.30	72.	9.1	275.4	5.5
11	01	01	1	09	44.3	0.280	0.571	0.005	147.	356.	-43.5	0.25	2.82	0.32	2.20	67.	9.1	277.5	5.5
11	01	01	1	10	122.7	0.264	0.952	0.005	247.	326.	-13.2	0.25	2.82	0.25	1.80	83.	9.1	279.9	5.5
11	01	01	1	11	179.8	0.316	1.733	0.005	1017.	426.	-15.4	0.25	2.82	0.22	2.20	58.	9.1	282.0	5.5
11	01	01	1	12	206.0	0.320	1.940	0.008	1244.	435.	-14.0	0.25	2.82	0.21	2.20	115.	9.1	283.1	5.5
11	01	01	1	13	132.6	0.214	1.733	0.009	1377.	243.	-6.5	0.25	2.82	0.21	1.30	147.	9.1	284.2	5.5
11	01	01	1	14	147.0	0.216	1.818	0.009	1431.	242.	-6.0	0.25	2.82	0.23	1.30	219.	9.1	284.9	5.5
11	01	01	1	15	104.0	0.208	1.633	0.009	1468.	228.	-7.6	0.25	2.82	0.26	1.30	126.	9.1	285.4	5.5
11	01	01	1	16	26.4	0.140	1.037	0.009	1477.	127.	-9.1	0.25	2.82	0.35	0.90	151.	9.1	284.9	5.5
11	01	01	1	17	-9.0	0.137	-9.000	-9.000	-999.	121.	24.9	0.25	2.82	0.63	1.30	69.	9.1	283.1	5.5
11	01	01	1	18	-33.4	0.342	-9.000	-9.000	-999.	481.	129.0	0.25	2.82	1.00	3.10	81.	9.1	281.4	5.5
11	01	01	1	19	-33.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.25	2.82	1.00	3.10	51.	9.1	279.9	5.5
11	01	01	1	20	-23.6	0.239	-9.000	-9.000	-999.	287.	63.1	0.25	2.82	1.00	2.20	77.	9.1	278.8	5.5
11	01	01	1	21	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	53.	9.1	277.5	5.5
11	01	01	1	22	-23.7	0.239	-9.000	-9.000	-999.	281.	63.0	0.25	2.82	1.00	2.20	58.	9.1	277.5	5.5
11	01	01	1	23	-18.5	0.194	-9.000	-9.000	-999.	205.	41.2	0.25	2.82	1.00	1.80	64.	9.1	277.5	5.5
11	01	01	1	24	-4.5	0.094	-9.000	-9.000	-999.	74.	16.3	0.25	2.82	1.00	0.90	52.	9.1	277.0	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
11	01	01	01	5.5	0	-999.	-99.00	276.5	99.0	-99.00	-99.00
11	01	01	01	9.1	1	69.	1.80	-999.0	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
IDLE01	1ST HIGHEST VALUE IS	105.01136 AT	(459414.24,	3769204.03,	330.40,	330.40,	0.00)	DC
	2ND HIGHEST VALUE IS	104.03678 AT	(459513.75,	3769319.39,	332.74,	332.74,	0.00)	DC
	3RD HIGHEST VALUE IS	90.93815 AT	(459513.95,	3769334.66,	332.99,	332.99,	0.00)	DC
	4TH HIGHEST VALUE IS	83.27811 AT	(459514.24,	3769304.03,	332.52,	332.52,	0.00)	DC
	5TH HIGHEST VALUE IS	79.18616 AT	(459540.62,	3769344.43,	332.98,	332.98,	0.00)	DC
	6TH HIGHEST VALUE IS	79.04184 AT	(459541.64,	3769329.16,	332.75,	332.75,	0.00)	DC
	7TH HIGHEST VALUE IS	76.55147 AT	(459364.24,	3769254.03,	330.57,	330.57,	0.00)	DC
	8TH HIGHEST VALUE IS	73.96909 AT	(459364.24,	3769204.03,	329.95,	329.95,	0.00)	DC
	9TH HIGHEST VALUE IS	71.52663 AT	(459464.24,	3769204.03,	330.97,	330.97,	0.00)	DC
	10TH HIGHEST VALUE IS	69.21410 AT	(459542.04,	3769315.32,	332.63,	332.63,	0.00)	DC
IDLE02	1ST HIGHEST VALUE IS	105.56584 AT	(459414.24,	3769204.03,	330.40,	330.40,	0.00)	DC
	2ND HIGHEST VALUE IS	91.86553 AT	(459513.75,	3769319.39,	332.74,	332.74,	0.00)	DC
	3RD HIGHEST VALUE IS	78.76616 AT	(459513.95,	3769334.66,	332.99,	332.99,	0.00)	DC
	4TH HIGHEST VALUE IS	73.63479 AT	(459464.24,	3769204.03,	330.97,	330.97,	0.00)	DC
	5TH HIGHEST VALUE IS	73.05697 AT	(459541.64,	3769329.16,	332.75,	332.75,	0.00)	DC
	6TH HIGHEST VALUE IS	72.67008 AT	(459514.24,	3769304.03,	332.52,	332.52,	0.00)	DC
	7TH HIGHEST VALUE IS	71.87873 AT	(459540.62,	3769344.43,	332.98,	332.98,	0.00)	DC
	8TH HIGHEST VALUE IS	71.61092 AT	(459364.24,	3769254.03,	330.57,	330.57,	0.00)	DC
	9TH HIGHEST VALUE IS	70.83697 AT	(459364.24,	3769204.03,	329.95,	329.95,	0.00)	DC
	10TH HIGHEST VALUE IS	68.42546 AT	(459414.24,	3769154.03,	329.83,	329.83,	0.00)	DC
IDLE03	1ST HIGHEST VALUE IS	105.96623 AT	(459414.24,	3769204.03,	330.40,	330.40,	0.00)	DC
	2ND HIGHEST VALUE IS	74.13816 AT	(459464.24,	3769204.03,	330.97,	330.97,	0.00)	DC
	3RD HIGHEST VALUE IS	68.64346 AT	(459414.24,	3769154.03,	329.83,	329.83,	0.00)	DC
	4TH HIGHEST VALUE IS	68.02036 AT	(459364.24,	3769204.03,	329.95,	329.95,	0.00)	DC
	5TH HIGHEST VALUE IS	67.08677 AT	(459364.24,	3769254.03,	330.57,	330.57,	0.00)	DC
	6TH HIGHEST VALUE IS	66.32162 AT	(459513.75,	3769319.39,	332.74,	332.74,	0.00)	DC
	7TH HIGHEST VALUE IS	60.03576 AT	(459364.24,	3769154.03,	329.41,	329.41,	0.00)	DC
	8TH HIGHEST VALUE IS	59.34599 AT	(459541.64,	3769329.16,	332.75,	332.75,	0.00)	DC
	9TH HIGHEST VALUE IS	57.98764 AT	(459540.62,	3769344.43,	332.98,	332.98,	0.00)	DC
	10TH HIGHEST VALUE IS	57.16804 AT	(459513.95,	3769334.66,	332.99,	332.99,	0.00)	DC
JUNIPR1	1ST HIGHEST VALUE IS	1349.93135 AT	(459383.46,	3769323.46,	331.80,	331.80,	0.00)	DC
	2ND HIGHEST VALUE IS	676.88999 AT	(459417.45,	3769348.09,	332.56,	332.56,	0.00)	DC
	3RD HIGHEST VALUE IS	529.52352 AT	(459414.24,	3769354.03,	332.64,	332.64,	0.00)	DC
	4TH HIGHEST VALUE IS	427.88746 AT	(459368.59,	3769306.97,	331.53,	331.53,	0.00)	DC
	5TH HIGHEST VALUE IS	340.78501 AT	(459364.24,	3769304.03,	331.43,	331.43,	0.00)	DC
	6TH HIGHEST VALUE IS	286.77600 AT	(459417.05,	3769367.84,	332.95,	332.95,	0.00)	DC
	7TH HIGHEST VALUE IS	249.22570 AT	(459364.24,	3769354.03,	332.13,	332.13,	0.00)	DC
	8TH HIGHEST VALUE IS	193.11434 AT	(459464.24,	3769354.03,	333.03,	333.03,	0.00)	DC
	9TH HIGHEST VALUE IS	118.03678 AT	(459364.24,	3769254.03,	330.57,	330.57,	0.00)	DC
	10TH HIGHEST VALUE IS	100.63459 AT	(459414.24,	3769404.03,	333.85,	333.85,	0.00)	DC

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
JUNIPR2	1ST HIGHEST VALUE IS	937.62022 AT	(459383.46,	3769323.46,	331.80,	331.80,	0.00)	DC
	2ND HIGHEST VALUE IS	498.34355 AT	(459368.59,	3769306.97,	331.53,	331.53,	0.00)	DC
	3RD HIGHEST VALUE IS	397.10478 AT	(459364.24,	3769304.03,	331.43,	331.43,	0.00)	DC
	4TH HIGHEST VALUE IS	369.42899 AT	(459417.45,	3769348.09,	332.56,	332.56,	0.00)	DC
	5TH HIGHEST VALUE IS	295.21504 AT	(459414.24,	3769354.03,	332.64,	332.64,	0.00)	DC
	6TH HIGHEST VALUE IS	182.79570 AT	(459417.05,	3769367.84,	332.95,	332.95,	0.00)	DC
	7TH HIGHEST VALUE IS	180.32797 AT	(459364.24,	3769354.03,	332.13,	332.13,	0.00)	DC
	8TH HIGHEST VALUE IS	163.75362 AT	(459464.24,	3769354.03,	333.03,	333.03,	0.00)	DC
	9TH HIGHEST VALUE IS	155.29766 AT	(459364.24,	3769254.03,	330.57,	330.57,	0.00)	DC
	10TH HIGHEST VALUE IS	87.89074 AT	(459314.24,	3769304.03,	330.91,	330.91,	0.00)	DC
JUNIPR3	1ST HIGHEST VALUE IS	502.42377 AT	(459383.46,	3769323.46,	331.80,	331.80,	0.00)	DC
	2ND HIGHEST VALUE IS	457.34534 AT	(459368.59,	3769306.97,	331.53,	331.53,	0.00)	DC
	3RD HIGHEST VALUE IS	386.38064 AT	(459364.24,	3769304.03,	331.43,	331.43,	0.00)	DC
	4TH HIGHEST VALUE IS	224.42134 AT	(459417.45,	3769348.09,	332.56,	332.56,	0.00)	DC
	5TH HIGHEST VALUE IS	208.68703 AT	(459364.24,	3769254.03,	330.57,	330.57,	0.00)	DC
	6TH HIGHEST VALUE IS	186.15618 AT	(459414.24,	3769354.03,	332.64,	332.64,	0.00)	DC
	7TH HIGHEST VALUE IS	132.49270 AT	(459464.24,	3769354.03,	333.03,	333.03,	0.00)	DC
	8TH HIGHEST VALUE IS	132.43217 AT	(459364.24,	3769354.03,	332.13,	332.13,	0.00)	DC
	9TH HIGHEST VALUE IS	126.54081 AT	(459417.05,	3769367.84,	332.95,	332.95,	0.00)	DC
	10TH HIGHEST VALUE IS	86.81255 AT	(459314.24,	3769304.03,	330.91,	330.91,	0.00)	DC
JUNIPR4	1ST HIGHEST VALUE IS	341.86216 AT	(459368.59,	3769306.97,	331.53,	331.53,	0.00)	DC
	2ND HIGHEST VALUE IS	313.40525 AT	(459364.24,	3769304.03,	331.43,	331.43,	0.00)	DC
	3RD HIGHEST VALUE IS	290.90034 AT	(459383.46,	3769323.46,	331.80,	331.80,	0.00)	DC
	4TH HIGHEST VALUE IS	280.60003 AT	(459364.24,	3769254.03,	330.57,	330.57,	0.00)	DC
	5TH HIGHEST VALUE IS	149.87204 AT	(459417.45,	3769348.09,	332.56,	332.56,	0.00)	DC
	6TH HIGHEST VALUE IS	128.26139 AT	(459414.24,	3769354.03,	332.64,	332.64,	0.00)	DC
	7TH HIGHEST VALUE IS	105.19538 AT	(459464.24,	3769354.03,	333.03,	333.03,	0.00)	DC
	8TH HIGHEST VALUE IS	100.73105 AT	(459414.24,	3769204.03,	330.40,	330.40,	0.00)	DC
	9TH HIGHEST VALUE IS	99.86871 AT	(459364.24,	3769354.03,	332.13,	332.13,	0.00)	DC
	10TH HIGHEST VALUE IS	97.86818 AT	(459364.24,	3769204.03,	329.95,	329.95,	0.00)	DC
JUNIPR5	1ST HIGHEST VALUE IS	358.70460 AT	(459364.24,	3769254.03,	330.57,	330.57,	0.00)	DC
	2ND HIGHEST VALUE IS	237.70429 AT	(459368.59,	3769306.97,	331.53,	331.53,	0.00)	DC
	3RD HIGHEST VALUE IS	230.25637 AT	(459364.24,	3769304.03,	331.43,	331.43,	0.00)	DC
	4TH HIGHEST VALUE IS	186.32187 AT	(459383.46,	3769323.46,	331.80,	331.80,	0.00)	DC
	5TH HIGHEST VALUE IS	136.22205 AT	(459414.24,	3769204.03,	330.40,	330.40,	0.00)	DC
	6TH HIGHEST VALUE IS	126.49215 AT	(459364.24,	3769204.03,	329.95,	329.95,	0.00)	DC
	7TH HIGHEST VALUE IS	107.29531 AT	(459417.45,	3769348.09,	332.56,	332.56,	0.00)	DC
	8TH HIGHEST VALUE IS	94.03277 AT	(459414.24,	3769354.03,	332.64,	332.64,	0.00)	DC
	9TH HIGHEST VALUE IS	87.15024 AT	(459314.24,	3769254.03,	330.52,	330.52,	0.00)	DC
	10TH HIGHEST VALUE IS	83.49917 AT	(459464.24,	3769354.03,	333.03,	333.03,	0.00)	DC

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
JUNIPR6	1ST HIGHEST VALUE IS	402.28855 AT	(459364.24,	3769254.03,	330.57,	330.57,	0.00)	DC
	2ND HIGHEST VALUE IS	195.28081 AT	(459414.24,	3769204.03,	330.40,	330.40,	0.00)	DC
	3RD HIGHEST VALUE IS	167.62685 AT	(459364.24,	3769204.03,	329.95,	329.95,	0.00)	DC
	4TH HIGHEST VALUE IS	166.89362 AT	(459368.59,	3769306.97,	331.53,	331.53,	0.00)	DC
	5TH HIGHEST VALUE IS	166.67585 AT	(459364.24,	3769304.03,	331.43,	331.43,	0.00)	DC
	6TH HIGHEST VALUE IS	129.26148 AT	(459383.46,	3769323.46,	331.80,	331.80,	0.00)	DC
	7TH HIGHEST VALUE IS	93.27973 AT	(459464.24,	3769204.03,	330.97,	330.97,	0.00)	DC
	8TH HIGHEST VALUE IS	88.38910 AT	(459314.24,	3769254.03,	330.52,	330.52,	0.00)	DC
	9TH HIGHEST VALUE IS	81.72935 AT	(459513.34,	3769289.46,	332.30,	332.30,	0.00)	DC
	10TH HIGHEST VALUE IS	80.85861 AT	(459417.45,	3769348.09,	332.56,	332.56,	0.00)	DC
JUNIPR7	1ST HIGHEST VALUE IS	373.13105 AT	(459364.24,	3769254.03,	330.57,	330.57,	0.00)	DC
	2ND HIGHEST VALUE IS	304.04544 AT	(459414.24,	3769204.03,	330.40,	330.40,	0.00)	DC
	3RD HIGHEST VALUE IS	226.25410 AT	(459364.24,	3769204.03,	329.95,	329.95,	0.00)	DC
	4TH HIGHEST VALUE IS	122.84742 AT	(459364.24,	3769304.03,	331.43,	331.43,	0.00)	DC
	5TH HIGHEST VALUE IS	121.32582 AT	(459368.59,	3769306.97,	331.53,	331.53,	0.00)	DC
	6TH HIGHEST VALUE IS	114.76587 AT	(459464.24,	3769204.03,	330.97,	330.97,	0.00)	DC
	7TH HIGHEST VALUE IS	95.10645 AT	(459383.46,	3769323.46,	331.80,	331.80,	0.00)	DC
	8TH HIGHEST VALUE IS	86.49135 AT	(459314.24,	3769254.03,	330.52,	330.52,	0.00)	DC
	9TH HIGHEST VALUE IS	82.93308 AT	(459414.24,	3769154.03,	329.83,	329.83,	0.00)	DC
	10TH HIGHEST VALUE IS	82.40434 AT	(459364.24,	3769154.03,	329.41,	329.41,	0.00)	DC
ONSIT01	1ST HIGHEST VALUE IS	1180.62064 AT	(459417.45,	3769348.09,	332.56,	332.56,	0.00)	DC
	2ND HIGHEST VALUE IS	788.27867 AT	(459414.24,	3769354.03,	332.64,	332.64,	0.00)	DC
	3RD HIGHEST VALUE IS	628.07544 AT	(459383.46,	3769323.46,	331.80,	331.80,	0.00)	DC
	4TH HIGHEST VALUE IS	373.90019 AT	(459417.05,	3769367.84,	332.95,	332.95,	0.00)	DC
	5TH HIGHEST VALUE IS	263.72403 AT	(459368.59,	3769306.97,	331.53,	331.53,	0.00)	DC
	6TH HIGHEST VALUE IS	259.63335 AT	(459464.24,	3769354.03,	333.03,	333.03,	0.00)	DC
	7TH HIGHEST VALUE IS	220.72518 AT	(459364.24,	3769304.03,	331.43,	331.43,	0.00)	DC
	8TH HIGHEST VALUE IS	208.36895 AT	(459364.24,	3769354.03,	332.13,	332.13,	0.00)	DC
	9TH HIGHEST VALUE IS	114.62283 AT	(459414.24,	3769404.03,	333.85,	333.85,	0.00)	DC
	10TH HIGHEST VALUE IS	104.56741 AT	(459464.24,	3769404.03,	333.61,	333.61,	0.00)	DC
ONSIT02	1ST HIGHEST VALUE IS	1168.80434 AT	(459417.45,	3769348.09,	332.56,	332.56,	0.00)	DC
	2ND HIGHEST VALUE IS	729.64614 AT	(459414.24,	3769354.03,	332.64,	332.64,	0.00)	DC
	3RD HIGHEST VALUE IS	383.99245 AT	(459383.46,	3769323.46,	331.80,	331.80,	0.00)	DC
	4TH HIGHEST VALUE IS	362.59107 AT	(459417.05,	3769367.84,	332.95,	332.95,	0.00)	DC
	5TH HIGHEST VALUE IS	333.53704 AT	(459464.24,	3769354.03,	333.03,	333.03,	0.00)	DC
	6TH HIGHEST VALUE IS	195.02415 AT	(459368.59,	3769306.97,	331.53,	331.53,	0.00)	DC
	7TH HIGHEST VALUE IS	167.72350 AT	(459364.24,	3769304.03,	331.43,	331.43,	0.00)	DC
	8TH HIGHEST VALUE IS	158.89602 AT	(459364.24,	3769354.03,	332.13,	332.13,	0.00)	DC
	9TH HIGHEST VALUE IS	111.88861 AT	(459414.24,	3769404.03,	333.85,	333.85,	0.00)	DC
	10TH HIGHEST VALUE IS	111.50443 AT	(459514.24,	3769354.03,	333.24,	333.24,	0.00)	DC

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
ONSIT03	1ST HIGHEST VALUE IS	882.59260	AT (459417.45,	3769348.09,	332.56,	332.56, 0.00)	DC	
	2ND HIGHEST VALUE IS	574.81417	AT (459414.24,	3769354.03,	332.64,	332.64, 0.00)	DC	
	3RD HIGHEST VALUE IS	434.43417	AT (459464.24,	3769354.03,	333.03,	333.03, 0.00)	DC	
	4TH HIGHEST VALUE IS	328.48861	AT (459417.05,	3769367.84,	332.95,	332.95, 0.00)	DC	
	5TH HIGHEST VALUE IS	258.75621	AT (459383.46,	3769323.46,	331.80,	331.80, 0.00)	DC	
	6TH HIGHEST VALUE IS	149.24364	AT (459368.59,	3769306.97,	331.53,	331.53, 0.00)	DC	
	7TH HIGHEST VALUE IS	132.75476	AT (459514.24,	3769354.03,	333.24,	333.24, 0.00)	DC	
	8TH HIGHEST VALUE IS	131.11384	AT (459364.24,	3769304.03,	331.43,	331.43, 0.00)	DC	
	9TH HIGHEST VALUE IS	130.24786	AT (459513.95,	3769334.66,	332.99,	332.99, 0.00)	DC	
	10TH HIGHEST VALUE IS	124.77433	AT (459364.24,	3769354.03,	332.13,	332.13, 0.00)	DC	
ONSIT04	1ST HIGHEST VALUE IS	581.77828	AT (459417.45,	3769348.09,	332.56,	332.56, 0.00)	DC	
	2ND HIGHEST VALUE IS	564.80716	AT (459464.24,	3769354.03,	333.03,	333.03, 0.00)	DC	
	3RD HIGHEST VALUE IS	415.27722	AT (459414.24,	3769354.03,	332.64,	332.64, 0.00)	DC	
	4TH HIGHEST VALUE IS	277.70613	AT (459417.05,	3769367.84,	332.95,	332.95, 0.00)	DC	
	5TH HIGHEST VALUE IS	186.49385	AT (459383.46,	3769323.46,	331.80,	331.80, 0.00)	DC	
	6TH HIGHEST VALUE IS	160.45338	AT (459514.24,	3769354.03,	333.24,	333.24, 0.00)	DC	
	7TH HIGHEST VALUE IS	160.33955	AT (459513.95,	3769334.66,	332.99,	332.99, 0.00)	DC	
	8TH HIGHEST VALUE IS	142.19533	AT (459513.75,	3769319.39,	332.74,	332.74, 0.00)	DC	
	9TH HIGHEST VALUE IS	117.65860	AT (459368.59,	3769306.97,	331.53,	331.53, 0.00)	DC	
	10TH HIGHEST VALUE IS	115.91573	AT (459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
ONSIT05	1ST HIGHEST VALUE IS	702.42186	AT (459464.24,	3769354.03,	333.03,	333.03, 0.00)	DC	
	2ND HIGHEST VALUE IS	385.06635	AT (459417.45,	3769348.09,	332.56,	332.56, 0.00)	DC	
	3RD HIGHEST VALUE IS	297.83028	AT (459414.24,	3769354.03,	332.64,	332.64, 0.00)	DC	
	4TH HIGHEST VALUE IS	225.33514	AT (459417.05,	3769367.84,	332.95,	332.95, 0.00)	DC	
	5TH HIGHEST VALUE IS	202.85702	AT (459513.95,	3769334.66,	332.99,	332.99, 0.00)	DC	
	6TH HIGHEST VALUE IS	197.24801	AT (459514.24,	3769354.03,	333.24,	333.24, 0.00)	DC	
	7TH HIGHEST VALUE IS	177.57478	AT (459513.75,	3769319.39,	332.74,	332.74, 0.00)	DC	
	8TH HIGHEST VALUE IS	141.21560	AT (459383.46,	3769323.46,	331.80,	331.80, 0.00)	DC	
	9TH HIGHEST VALUE IS	140.09518	AT (459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	10TH HIGHEST VALUE IS	116.33982	AT (459540.62,	3769344.43,	332.98,	332.98, 0.00)	DC	
ONSIT06	1ST HIGHEST VALUE IS	778.00871	AT (459464.24,	3769354.03,	333.03,	333.03, 0.00)	DC	
	2ND HIGHEST VALUE IS	267.38400	AT (459417.45,	3769348.09,	332.56,	332.56, 0.00)	DC	
	3RD HIGHEST VALUE IS	265.58514	AT (459513.95,	3769334.66,	332.99,	332.99, 0.00)	DC	
	4TH HIGHEST VALUE IS	247.16436	AT (459514.24,	3769354.03,	333.24,	333.24, 0.00)	DC	
	5TH HIGHEST VALUE IS	228.44728	AT (459513.75,	3769319.39,	332.74,	332.74, 0.00)	DC	
	6TH HIGHEST VALUE IS	218.69294	AT (459414.24,	3769354.03,	332.64,	332.64, 0.00)	DC	
	7TH HIGHEST VALUE IS	180.57867	AT (459417.05,	3769367.84,	332.95,	332.95, 0.00)	DC	
	8TH HIGHEST VALUE IS	172.55306	AT (459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	9TH HIGHEST VALUE IS	140.50609	AT (459540.62,	3769344.43,	332.98,	332.98, 0.00)	DC	
	10TH HIGHEST VALUE IS	134.22725	AT (459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
ONSIT07	1ST HIGHEST VALUE IS	741.39862	459464.24,	3769354.03,	333.03,	333.03, 0.00)	DC	
	2ND HIGHEST VALUE IS	363.73284	459513.95,	3769334.66,	332.99,	332.99, 0.00)	DC	
	3RD HIGHEST VALUE IS	316.38929	459514.24,	3769354.03,	333.24,	333.24, 0.00)	DC	
	4TH HIGHEST VALUE IS	305.14345	459513.75,	3769319.39,	332.74,	332.74, 0.00)	DC	
	5TH HIGHEST VALUE IS	217.41063	459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	6TH HIGHEST VALUE IS	195.17755	459417.45,	3769348.09,	332.56,	332.56, 0.00)	DC	
	7TH HIGHEST VALUE IS	173.13142	459540.62,	3769344.43,	332.98,	332.98, 0.00)	DC	
	8TH HIGHEST VALUE IS	165.96217	459414.24,	3769354.03,	332.64,	332.64, 0.00)	DC	
	9TH HIGHEST VALUE IS	161.67569	459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	10TH HIGHEST VALUE IS	159.59697	459541.64,	3769329.16,	332.75,	332.75, 0.00)	DC	
ONSIT08	1ST HIGHEST VALUE IS	600.25052	459464.24,	3769354.03,	333.03,	333.03, 0.00)	DC	
	2ND HIGHEST VALUE IS	530.51536	459513.95,	3769334.66,	332.99,	332.99, 0.00)	DC	
	3RD HIGHEST VALUE IS	429.27665	459513.75,	3769319.39,	332.74,	332.74, 0.00)	DC	
	4TH HIGHEST VALUE IS	411.79111	459514.24,	3769354.03,	333.24,	333.24, 0.00)	DC	
	5TH HIGHEST VALUE IS	281.19938	459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	6TH HIGHEST VALUE IS	218.70652	459540.62,	3769344.43,	332.98,	332.98, 0.00)	DC	
	7TH HIGHEST VALUE IS	202.19627	459541.64,	3769329.16,	332.75,	332.75, 0.00)	DC	
	8TH HIGHEST VALUE IS	196.68281	459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	9TH HIGHEST VALUE IS	170.49614	459542.04,	3769315.32,	332.63,	332.63, 0.00)	DC	
	10TH HIGHEST VALUE IS	148.45958	459417.45,	3769348.09,	332.56,	332.56, 0.00)	DC	
ONSIT09	1ST HIGHEST VALUE IS	848.02002	459513.95,	3769334.66,	332.99,	332.99, 0.00)	DC	
	2ND HIGHEST VALUE IS	647.31212	459513.75,	3769319.39,	332.74,	332.74, 0.00)	DC	
	3RD HIGHEST VALUE IS	537.07825	459514.24,	3769354.03,	333.24,	333.24, 0.00)	DC	
	4TH HIGHEST VALUE IS	438.17125	459464.24,	3769354.03,	333.03,	333.03, 0.00)	DC	
	5TH HIGHEST VALUE IS	373.05026	459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	6TH HIGHEST VALUE IS	284.77195	459540.62,	3769344.43,	332.98,	332.98, 0.00)	DC	
	7TH HIGHEST VALUE IS	265.34888	459541.64,	3769329.16,	332.75,	332.75, 0.00)	DC	
	8TH HIGHEST VALUE IS	239.58475	459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	9TH HIGHEST VALUE IS	217.37793	459542.04,	3769315.32,	332.63,	332.63, 0.00)	DC	
	10TH HIGHEST VALUE IS	163.43079	459542.45,	3769300.25,	332.49,	332.49, 0.00)	DC	
ONSIT10	1ST HIGHEST VALUE IS	935.22622	459513.75,	3769319.39,	332.74,	332.74, 0.00)	DC	
	2ND HIGHEST VALUE IS	915.54568	459513.95,	3769334.66,	332.99,	332.99, 0.00)	DC	
	3RD HIGHEST VALUE IS	525.53696	459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	4TH HIGHEST VALUE IS	449.78500	459514.24,	3769354.03,	333.24,	333.24, 0.00)	DC	
	5TH HIGHEST VALUE IS	318.51710	459464.24,	3769354.03,	333.03,	333.03, 0.00)	DC	
	6TH HIGHEST VALUE IS	316.43422	459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	7TH HIGHEST VALUE IS	305.63495	459541.64,	3769329.16,	332.75,	332.75, 0.00)	DC	
	8TH HIGHEST VALUE IS	296.06705	459540.62,	3769344.43,	332.98,	332.98, 0.00)	DC	
	9TH HIGHEST VALUE IS	264.45886	459542.04,	3769315.32,	332.63,	332.63, 0.00)	DC	
	10TH HIGHEST VALUE IS	199.45712	459542.45,	3769300.25,	332.49,	332.49, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
ONSIT11	1ST HIGHEST VALUE IS	1017.69019 AT	(459513.75,	3769319.39,	332.74,	332.74,	0.00)	DC
	2ND HIGHEST VALUE IS	758.50041 AT	(459514.24,	3769304.03,	332.52,	332.52,	0.00)	DC
	3RD HIGHEST VALUE IS	664.22791 AT	(459513.95,	3769334.66,	332.99,	332.99,	0.00)	DC
	4TH HIGHEST VALUE IS	448.73682 AT	(459513.34,	3769289.46,	332.30,	332.30,	0.00)	DC
	5TH HIGHEST VALUE IS	311.49909 AT	(459514.24,	3769354.03,	333.24,	333.24,	0.00)	DC
	6TH HIGHEST VALUE IS	301.21632 AT	(459541.64,	3769329.16,	332.75,	332.75,	0.00)	DC
	7TH HIGHEST VALUE IS	295.06839 AT	(459542.04,	3769315.32,	332.63,	332.63,	0.00)	DC
	8TH HIGHEST VALUE IS	258.15657 AT	(459540.62,	3769344.43,	332.98,	332.98,	0.00)	DC
	9TH HIGHEST VALUE IS	248.77792 AT	(459513.75,	3769272.77,	332.02,	332.02,	0.00)	DC
	10TH HIGHEST VALUE IS	239.19242 AT	(459542.45,	3769300.25,	332.49,	332.49,	0.00)	DC
ONSIT12	1ST HIGHEST VALUE IS	975.89276 AT	(459514.24,	3769304.03,	332.52,	332.52,	0.00)	DC
	2ND HIGHEST VALUE IS	818.42640 AT	(459513.75,	3769319.39,	332.74,	332.74,	0.00)	DC
	3RD HIGHEST VALUE IS	654.69961 AT	(459513.34,	3769289.46,	332.30,	332.30,	0.00)	DC
	4TH HIGHEST VALUE IS	452.29760 AT	(459513.95,	3769334.66,	332.99,	332.99,	0.00)	DC
	5TH HIGHEST VALUE IS	342.10585 AT	(459513.75,	3769272.77,	332.02,	332.02,	0.00)	DC
	6TH HIGHEST VALUE IS	302.29565 AT	(459542.04,	3769315.32,	332.63,	332.63,	0.00)	DC
	7TH HIGHEST VALUE IS	276.34067 AT	(459542.45,	3769300.25,	332.49,	332.49,	0.00)	DC
	8TH HIGHEST VALUE IS	273.98947 AT	(459541.64,	3769329.16,	332.75,	332.75,	0.00)	DC
	9TH HIGHEST VALUE IS	223.82969 AT	(459514.24,	3769354.03,	333.24,	333.24,	0.00)	DC
	10TH HIGHEST VALUE IS	215.61069 AT	(459540.62,	3769344.43,	332.98,	332.98,	0.00)	DC
ONSIT13	1ST HIGHEST VALUE IS	931.61594 AT	(459514.24,	3769304.03,	332.52,	332.52,	0.00)	DC
	2ND HIGHEST VALUE IS	927.76704 AT	(459513.34,	3769289.46,	332.30,	332.30,	0.00)	DC
	3RD HIGHEST VALUE IS	568.57713 AT	(459513.75,	3769319.39,	332.74,	332.74,	0.00)	DC
	4TH HIGHEST VALUE IS	487.40440 AT	(459513.75,	3769272.77,	332.02,	332.02,	0.00)	DC
	5TH HIGHEST VALUE IS	312.81632 AT	(459513.95,	3769334.66,	332.99,	332.99,	0.00)	DC
	6TH HIGHEST VALUE IS	297.20033 AT	(459542.45,	3769300.25,	332.49,	332.49,	0.00)	DC
	7TH HIGHEST VALUE IS	284.45281 AT	(459542.04,	3769315.32,	332.63,	332.63,	0.00)	DC
	8TH HIGHEST VALUE IS	251.46732 AT	(459541.84,	3769282.95,	332.22,	332.22,	0.00)	DC
	9TH HIGHEST VALUE IS	250.32378 AT	(459514.24,	3769254.03,	331.72,	331.72,	0.00)	DC
	10TH HIGHEST VALUE IS	235.34463 AT	(459541.64,	3769329.16,	332.75,	332.75,	0.00)	DC
ONSIT14	1ST HIGHEST VALUE IS	1043.94146 AT	(459513.34,	3769289.46,	332.30,	332.30,	0.00)	DC
	2ND HIGHEST VALUE IS	709.45406 AT	(459513.75,	3769272.77,	332.02,	332.02,	0.00)	DC
	3RD HIGHEST VALUE IS	698.12680 AT	(459514.24,	3769304.03,	332.52,	332.52,	0.00)	DC
	4TH HIGHEST VALUE IS	386.78785 AT	(459513.75,	3769319.39,	332.74,	332.74,	0.00)	DC
	5TH HIGHEST VALUE IS	344.01650 AT	(459514.24,	3769254.03,	331.72,	331.72,	0.00)	DC
	6TH HIGHEST VALUE IS	293.09958 AT	(459542.45,	3769300.25,	332.49,	332.49,	0.00)	DC
	7TH HIGHEST VALUE IS	287.52760 AT	(459541.84,	3769282.95,	332.22,	332.22,	0.00)	DC
	8TH HIGHEST VALUE IS	250.18564 AT	(459542.04,	3769315.32,	332.63,	332.63,	0.00)	DC
	9TH HIGHEST VALUE IS	241.85483 AT	(459538.79,	3769266.66,	331.92,	331.92,	0.00)	DC
	10TH HIGHEST VALUE IS	224.41045 AT	(459513.95,	3769334.66,	332.99,	332.99,	0.00)	DC

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
ONSIT15	1ST HIGHEST VALUE IS	963.94571	459513.75,	3769272.77,	332.02,	332.02, 0.00)	DC	
	2ND HIGHEST VALUE IS	855.35562	459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	3RD HIGHEST VALUE IS	489.32536	459514.24,	3769254.03,	331.72,	331.72, 0.00)	DC	
	4TH HIGHEST VALUE IS	479.62925	459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	5TH HIGHEST VALUE IS	303.64743	459541.84,	3769282.95,	332.22,	332.22, 0.00)	DC	
	6TH HIGHEST VALUE IS	289.74087	459538.79,	3769266.66,	331.92,	331.92, 0.00)	DC	
	7TH HIGHEST VALUE IS	271.06589	459513.75,	3769319.39,	332.74,	332.74, 0.00)	DC	
	8TH HIGHEST VALUE IS	267.52448	459542.45,	3769300.25,	332.49,	332.49, 0.00)	DC	
	9TH HIGHEST VALUE IS	211.08824	459542.04,	3769315.32,	332.63,	332.63, 0.00)	DC	
	10TH HIGHEST VALUE IS	167.44628	459513.95,	3769334.66,	332.99,	332.99, 0.00)	DC	
ONSIT16	1ST HIGHEST VALUE IS	989.25928	459513.75,	3769272.77,	332.02,	332.02, 0.00)	DC	
	2ND HIGHEST VALUE IS	707.64137	459514.24,	3769254.03,	331.72,	331.72, 0.00)	DC	
	3RD HIGHEST VALUE IS	595.04114	459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	4TH HIGHEST VALUE IS	331.14843	459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	5TH HIGHEST VALUE IS	325.92971	459538.79,	3769266.66,	331.92,	331.92, 0.00)	DC	
	6TH HIGHEST VALUE IS	293.83982	459541.84,	3769282.95,	332.22,	332.22, 0.00)	DC	
	7TH HIGHEST VALUE IS	231.38972	459542.45,	3769300.25,	332.49,	332.49, 0.00)	DC	
	8TH HIGHEST VALUE IS	197.63316	459513.75,	3769319.39,	332.74,	332.74, 0.00)	DC	
	9TH HIGHEST VALUE IS	174.01488	459542.04,	3769315.32,	332.63,	332.63, 0.00)	DC	
	10TH HIGHEST VALUE IS	157.30927	459464.24,	3769204.03,	330.97,	330.97, 0.00)	DC	
ONSIT17	1ST HIGHEST VALUE IS	941.74359	459514.24,	3769254.03,	331.72,	331.72, 0.00)	DC	
	2ND HIGHEST VALUE IS	768.06615	459513.75,	3769272.77,	332.02,	332.02, 0.00)	DC	
	3RD HIGHEST VALUE IS	403.44662	459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	4TH HIGHEST VALUE IS	333.47405	459538.79,	3769266.66,	331.92,	331.92, 0.00)	DC	
	5TH HIGHEST VALUE IS	264.27638	459541.84,	3769282.95,	332.22,	332.22, 0.00)	DC	
	6TH HIGHEST VALUE IS	236.27703	459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	7TH HIGHEST VALUE IS	201.34157	459464.24,	3769204.03,	330.97,	330.97, 0.00)	DC	
	8TH HIGHEST VALUE IS	193.31491	459542.45,	3769300.25,	332.49,	332.49, 0.00)	DC	
	9TH HIGHEST VALUE IS	181.72848	459514.24,	3769204.03,	331.53,	331.53, 0.00)	DC	
	10TH HIGHEST VALUE IS	157.17996	459564.24,	3769254.03,	331.94,	331.94, 0.00)	DC	
SLSI01	1ST HIGHEST VALUE IS	792.04124	459514.24,	3769254.03,	331.72,	331.72, 0.00)	DC	
	2ND HIGHEST VALUE IS	411.15976	459513.75,	3769272.77,	332.02,	332.02, 0.00)	DC	
	3RD HIGHEST VALUE IS	323.31450	459464.24,	3769204.03,	330.97,	330.97, 0.00)	DC	
	4TH HIGHEST VALUE IS	287.66181	459514.24,	3769204.03,	331.53,	331.53, 0.00)	DC	
	5TH HIGHEST VALUE IS	280.78707	459538.79,	3769266.66,	331.92,	331.92, 0.00)	DC	
	6TH HIGHEST VALUE IS	227.32297	459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	7TH HIGHEST VALUE IS	198.45277	459541.84,	3769282.95,	332.22,	332.22, 0.00)	DC	
	8TH HIGHEST VALUE IS	165.06888	459564.24,	3769254.03,	331.94,	331.94, 0.00)	DC	
	9TH HIGHEST VALUE IS	147.57879	459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	10TH HIGHEST VALUE IS	138.54976	459542.45,	3769300.25,	332.49,	332.49, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI02	1ST HIGHEST VALUE IS	1390.79214 AT	(459514.24,	3769254.03,	331.72,	331.72, 0.00)	DC	
	2ND HIGHEST VALUE IS	464.92964 AT	(459513.75,	3769272.77,	332.02,	332.02, 0.00)	DC	
	3RD HIGHEST VALUE IS	389.29303 AT	(459538.79,	3769266.66,	331.92,	331.92, 0.00)	DC	
	4TH HIGHEST VALUE IS	382.28827 AT	(459514.24,	3769204.03,	331.53,	331.53, 0.00)	DC	
	5TH HIGHEST VALUE IS	239.71312 AT	(459541.84,	3769282.95,	332.22,	332.22, 0.00)	DC	
	6TH HIGHEST VALUE IS	233.81866 AT	(459464.24,	3769204.03,	330.97,	330.97, 0.00)	DC	
	7TH HIGHEST VALUE IS	233.13711 AT	(459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	8TH HIGHEST VALUE IS	227.28455 AT	(459564.24,	3769254.03,	331.94,	331.94, 0.00)	DC	
	9TH HIGHEST VALUE IS	152.53813 AT	(459542.45,	3769300.25,	332.49,	332.49, 0.00)	DC	
	10TH HIGHEST VALUE IS	148.44414 AT	(459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
SLSI03	1ST HIGHEST VALUE IS	1626.19373 AT	(459514.24,	3769254.03,	331.72,	331.72, 0.00)	DC	
	2ND HIGHEST VALUE IS	528.79577 AT	(459538.79,	3769266.66,	331.92,	331.92, 0.00)	DC	
	3RD HIGHEST VALUE IS	449.94731 AT	(459513.75,	3769272.77,	332.02,	332.02, 0.00)	DC	
	4TH HIGHEST VALUE IS	442.77345 AT	(459514.24,	3769204.03,	331.53,	331.53, 0.00)	DC	
	5TH HIGHEST VALUE IS	331.55073 AT	(459564.24,	3769254.03,	331.94,	331.94, 0.00)	DC	
	6TH HIGHEST VALUE IS	275.60180 AT	(459541.84,	3769282.95,	332.22,	332.22, 0.00)	DC	
	7TH HIGHEST VALUE IS	224.67428 AT	(459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	8TH HIGHEST VALUE IS	171.17563 AT	(459564.24,	3769204.03,	331.60,	331.60, 0.00)	DC	
	9TH HIGHEST VALUE IS	167.52930 AT	(459464.24,	3769204.03,	330.97,	330.97, 0.00)	DC	
	10TH HIGHEST VALUE IS	161.33022 AT	(459542.45,	3769300.25,	332.49,	332.49, 0.00)	DC	
SLSI04	1ST HIGHEST VALUE IS	913.47988 AT	(459514.24,	3769254.03,	331.72,	331.72, 0.00)	DC	
	2ND HIGHEST VALUE IS	633.56764 AT	(459538.79,	3769266.66,	331.92,	331.92, 0.00)	DC	
	3RD HIGHEST VALUE IS	521.26129 AT	(459564.24,	3769254.03,	331.94,	331.94, 0.00)	DC	
	4TH HIGHEST VALUE IS	404.77310 AT	(459514.24,	3769204.03,	331.53,	331.53, 0.00)	DC	
	5TH HIGHEST VALUE IS	370.38854 AT	(459513.75,	3769272.77,	332.02,	332.02, 0.00)	DC	
	6TH HIGHEST VALUE IS	292.39036 AT	(459541.84,	3769282.95,	332.22,	332.22, 0.00)	DC	
	7TH HIGHEST VALUE IS	231.74528 AT	(459564.24,	3769204.03,	331.60,	331.60, 0.00)	DC	
	8TH HIGHEST VALUE IS	201.34669 AT	(459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	9TH HIGHEST VALUE IS	163.67200 AT	(459542.45,	3769300.25,	332.49,	332.49, 0.00)	DC	
	10TH HIGHEST VALUE IS	140.78566 AT	(459564.24,	3769304.03,	332.94,	332.94, 0.00)	DC	
SLSI05	1ST HIGHEST VALUE IS	888.74920 AT	(459564.24,	3769254.03,	331.94,	331.94, 0.00)	DC	
	2ND HIGHEST VALUE IS	603.48374 AT	(459538.79,	3769266.66,	331.92,	331.92, 0.00)	DC	
	3RD HIGHEST VALUE IS	469.24252 AT	(459514.24,	3769254.03,	331.72,	331.72, 0.00)	DC	
	4TH HIGHEST VALUE IS	318.25316 AT	(459564.24,	3769204.03,	331.60,	331.60, 0.00)	DC	
	5TH HIGHEST VALUE IS	307.55563 AT	(459514.24,	3769204.03,	331.53,	331.53, 0.00)	DC	
	6TH HIGHEST VALUE IS	285.05421 AT	(459541.84,	3769282.95,	332.22,	332.22, 0.00)	DC	
	7TH HIGHEST VALUE IS	270.18756 AT	(459513.75,	3769272.77,	332.02,	332.02, 0.00)	DC	
	8TH HIGHEST VALUE IS	177.44343 AT	(459614.24,	3769254.03,	332.22,	332.22, 0.00)	DC	
	9TH HIGHEST VALUE IS	168.04971 AT	(459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	10TH HIGHEST VALUE IS	159.81712 AT	(459542.45,	3769300.25,	332.49,	332.49, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
SLSI06	1ST HIGHEST VALUE IS	1462.92836 AT (459564.24, 3769254.03, 331.94, 331.94, 0.00)	DC	
	2ND HIGHEST VALUE IS	455.12656 AT (459538.79, 3769266.66, 331.92, 331.92, 0.00)	DC	
	3RD HIGHEST VALUE IS	415.85655 AT (459564.24, 3769204.03, 331.60, 331.60, 0.00)	DC	
	4TH HIGHEST VALUE IS	272.19853 AT (459514.24, 3769254.03, 331.72, 331.72, 0.00)	DC	
	5TH HIGHEST VALUE IS	253.28999 AT (459541.84, 3769282.95, 332.22, 332.22, 0.00)	DC	
	6TH HIGHEST VALUE IS	246.75760 AT (459614.24, 3769254.03, 332.22, 332.22, 0.00)	DC	
	7TH HIGHEST VALUE IS	218.79315 AT (459514.24, 3769204.03, 331.53, 331.53, 0.00)	DC	
	8TH HIGHEST VALUE IS	191.69335 AT (459513.75, 3769272.77, 332.02, 332.02, 0.00)	DC	
	9TH HIGHEST VALUE IS	148.90425 AT (459542.45, 3769300.25, 332.49, 332.49, 0.00)	DC	
	10TH HIGHEST VALUE IS	144.90323 AT (459564.24, 3769304.03, 332.94, 332.94, 0.00)	DC	
SLSI07	1ST HIGHEST VALUE IS	1382.05994 AT (459564.24, 3769254.03, 331.94, 331.94, 0.00)	DC	
	2ND HIGHEST VALUE IS	455.93193 AT (459564.24, 3769204.03, 331.60, 331.60, 0.00)	DC	
	3RD HIGHEST VALUE IS	365.00753 AT (459614.24, 3769254.03, 332.22, 332.22, 0.00)	DC	
	4TH HIGHEST VALUE IS	304.89879 AT (459538.79, 3769266.66, 331.92, 331.92, 0.00)	DC	
	5TH HIGHEST VALUE IS	205.12419 AT (459541.84, 3769282.95, 332.22, 332.22, 0.00)	DC	
	6TH HIGHEST VALUE IS	186.58820 AT (459614.24, 3769204.03, 332.37, 332.37, 0.00)	DC	
	7TH HIGHEST VALUE IS	176.07671 AT (459514.24, 3769254.03, 331.72, 331.72, 0.00)	DC	
	8TH HIGHEST VALUE IS	156.63427 AT (459514.24, 3769204.03, 331.53, 331.53, 0.00)	DC	
	9TH HIGHEST VALUE IS	139.59166 AT (459564.24, 3769304.03, 332.94, 332.94, 0.00)	DC	
	10TH HIGHEST VALUE IS	138.90612 AT (459513.75, 3769272.77, 332.02, 332.02, 0.00)	DC	
SLSI08	1ST HIGHEST VALUE IS	746.74673 AT (459564.24, 3769254.03, 331.94, 331.94, 0.00)	DC	
	2ND HIGHEST VALUE IS	581.62426 AT (459614.24, 3769254.03, 332.22, 332.22, 0.00)	DC	
	3RD HIGHEST VALUE IS	391.12375 AT (459564.24, 3769204.03, 331.60, 331.60, 0.00)	DC	
	4TH HIGHEST VALUE IS	255.57086 AT (459614.24, 3769204.03, 332.37, 332.37, 0.00)	DC	
	5TH HIGHEST VALUE IS	205.38479 AT (459538.79, 3769266.66, 331.92, 331.92, 0.00)	DC	
	6TH HIGHEST VALUE IS	158.59859 AT (459541.84, 3769282.95, 332.22, 332.22, 0.00)	DC	
	7TH HIGHEST VALUE IS	142.42258 AT (459664.24, 3769254.03, 332.43, 332.43, 0.00)	DC	
	8TH HIGHEST VALUE IS	139.85684 AT (459614.24, 3769304.03, 333.16, 333.16, 0.00)	DC	
	9TH HIGHEST VALUE IS	128.56606 AT (459564.24, 3769304.03, 332.94, 332.94, 0.00)	DC	
	10TH HIGHEST VALUE IS	123.33726 AT (459514.24, 3769254.03, 331.72, 331.72, 0.00)	DC	
SLSI09	1ST HIGHEST VALUE IS	985.76011 AT (459614.24, 3769254.03, 332.22, 332.22, 0.00)	DC	
	2ND HIGHEST VALUE IS	399.00014 AT (459564.24, 3769254.03, 331.94, 331.94, 0.00)	DC	
	3RD HIGHEST VALUE IS	352.52904 AT (459614.24, 3769204.03, 332.37, 332.37, 0.00)	DC	
	4TH HIGHEST VALUE IS	287.22646 AT (459564.24, 3769204.03, 331.60, 331.60, 0.00)	DC	
	5TH HIGHEST VALUE IS	190.97984 AT (459664.24, 3769254.03, 332.43, 332.43, 0.00)	DC	
	6TH HIGHEST VALUE IS	144.40922 AT (459538.79, 3769266.66, 331.92, 331.92, 0.00)	DC	
	7TH HIGHEST VALUE IS	142.91261 AT (459614.24, 3769304.03, 333.16, 333.16, 0.00)	DC	
	8TH HIGHEST VALUE IS	121.82939 AT (459541.84, 3769282.95, 332.22, 332.22, 0.00)	DC	
	9TH HIGHEST VALUE IS	117.25717 AT (459664.24, 3769204.03, 332.27, 332.27, 0.00)	DC	
	10TH HIGHEST VALUE IS	113.18976 AT (459564.24, 3769304.03, 332.94, 332.94, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI10	1ST HIGHEST VALUE IS	1460.42372 AT	(459614.24,	3769254.03,	332.22,	332.22, 0.00)	DC	
	2ND HIGHEST VALUE IS	451.53227 AT	(459614.24,	3769204.03,	332.37,	332.37, 0.00)	DC	
	3RD HIGHEST VALUE IS	268.90120 AT	(459664.24,	3769254.03,	332.43,	332.43, 0.00)	DC	
	4TH HIGHEST VALUE IS	239.93254 AT	(459564.24,	3769254.03,	331.94,	331.94, 0.00)	DC	
	5TH HIGHEST VALUE IS	202.82396 AT	(459564.24,	3769204.03,	331.60,	331.60, 0.00)	DC	
	6TH HIGHEST VALUE IS	152.45770 AT	(459664.24,	3769204.03,	332.27,	332.27, 0.00)	DC	
	7TH HIGHEST VALUE IS	141.37333 AT	(459614.24,	3769304.03,	333.16,	333.16, 0.00)	DC	
	8TH HIGHEST VALUE IS	121.82597 AT	(459664.24,	3769304.03,	333.07,	333.07, 0.00)	DC	
	9TH HIGHEST VALUE IS	106.32362 AT	(459538.79,	3769266.66,	331.92,	331.92, 0.00)	DC	
	10TH HIGHEST VALUE IS	98.28614 AT	(459614.24,	3769154.03,	331.99,	331.99, 0.00)	DC	
SLSI11	1ST HIGHEST VALUE IS	1153.34475 AT	(459614.24,	3769254.03,	332.22,	332.22, 0.00)	DC	
	2ND HIGHEST VALUE IS	467.00444 AT	(459614.24,	3769204.03,	332.37,	332.37, 0.00)	DC	
	3RD HIGHEST VALUE IS	402.90271 AT	(459664.24,	3769254.03,	332.43,	332.43, 0.00)	DC	
	4TH HIGHEST VALUE IS	204.80790 AT	(459664.24,	3769204.03,	332.27,	332.27, 0.00)	DC	
	5TH HIGHEST VALUE IS	159.25452 AT	(459564.24,	3769254.03,	331.94,	331.94, 0.00)	DC	
	6TH HIGHEST VALUE IS	145.64494 AT	(459564.24,	3769204.03,	331.60,	331.60, 0.00)	DC	
	7TH HIGHEST VALUE IS	134.90137 AT	(459614.24,	3769304.03,	333.16,	333.16, 0.00)	DC	
	8TH HIGHEST VALUE IS	132.28951 AT	(459664.24,	3769304.03,	333.07,	333.07, 0.00)	DC	
	9TH HIGHEST VALUE IS	117.32549 AT	(459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	10TH HIGHEST VALUE IS	101.54447 AT	(459614.24,	3769154.03,	331.99,	331.99, 0.00)	DC	
SLSI12	1ST HIGHEST VALUE IS	647.62809 AT	(459664.24,	3769254.03,	332.43,	332.43, 0.00)	DC	
	2ND HIGHEST VALUE IS	617.99625 AT	(459614.24,	3769254.03,	332.22,	332.22, 0.00)	DC	
	3RD HIGHEST VALUE IS	378.21469 AT	(459614.24,	3769204.03,	332.37,	332.37, 0.00)	DC	
	4TH HIGHEST VALUE IS	283.28687 AT	(459664.24,	3769204.03,	332.27,	332.27, 0.00)	DC	
	5TH HIGHEST VALUE IS	152.66972 AT	(459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	6TH HIGHEST VALUE IS	138.75149 AT	(459664.24,	3769304.03,	333.07,	333.07, 0.00)	DC	
	7TH HIGHEST VALUE IS	122.95481 AT	(459614.24,	3769304.03,	333.16,	333.16, 0.00)	DC	
	8TH HIGHEST VALUE IS	113.57033 AT	(459564.24,	3769254.03,	331.94,	331.94, 0.00)	DC	
	9TH HIGHEST VALUE IS	108.20585 AT	(459564.24,	3769204.03,	331.60,	331.60, 0.00)	DC	
	10TH HIGHEST VALUE IS	99.94852 AT	(459614.24,	3769154.03,	331.99,	331.99, 0.00)	DC	
SLSI13	1ST HIGHEST VALUE IS	1072.70964 AT	(459664.24,	3769254.03,	332.43,	332.43, 0.00)	DC	
	2ND HIGHEST VALUE IS	390.71048 AT	(459664.24,	3769204.03,	332.27,	332.27, 0.00)	DC	
	3RD HIGHEST VALUE IS	344.14688 AT	(459614.24,	3769254.03,	332.22,	332.22, 0.00)	DC	
	4TH HIGHEST VALUE IS	270.44524 AT	(459614.24,	3769204.03,	332.37,	332.37, 0.00)	DC	
	5TH HIGHEST VALUE IS	206.62821 AT	(459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	6TH HIGHEST VALUE IS	140.58345 AT	(459664.24,	3769304.03,	333.07,	333.07, 0.00)	DC	
	7TH HIGHEST VALUE IS	126.15203 AT	(459714.24,	3769204.03,	332.51,	332.51, 0.00)	DC	
	8TH HIGHEST VALUE IS	110.96967 AT	(459714.24,	3769304.03,	333.22,	333.22, 0.00)	DC	
	9TH HIGHEST VALUE IS	107.45075 AT	(459614.24,	3769304.03,	333.16,	333.16, 0.00)	DC	
	10TH HIGHEST VALUE IS	94.35456 AT	(459664.24,	3769154.03,	332.93,	332.93, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI14	1ST HIGHEST VALUE IS	1383.07902	459664.24,	3769254.03,	332.43,	332.43, 0.00)	DC	
	2ND HIGHEST VALUE IS	483.92232	459664.24,	3769204.03,	332.27,	332.27, 0.00)	DC	
	3RD HIGHEST VALUE IS	293.98357	459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	4TH HIGHEST VALUE IS	213.76500	459614.24,	3769254.03,	332.22,	332.22, 0.00)	DC	
	5TH HIGHEST VALUE IS	189.84132	459614.24,	3769204.03,	332.37,	332.37, 0.00)	DC	
	6TH HIGHEST VALUE IS	165.77405	459714.24,	3769204.03,	332.51,	332.51, 0.00)	DC	
	7TH HIGHEST VALUE IS	138.00210	459664.24,	3769304.03,	333.07,	333.07, 0.00)	DC	
	8TH HIGHEST VALUE IS	122.77302	459714.24,	3769304.03,	333.22,	333.22, 0.00)	DC	
	9TH HIGHEST VALUE IS	100.90067	459664.24,	3769154.03,	332.93,	332.93, 0.00)	DC	
	10TH HIGHEST VALUE IS	98.22764	459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
SLSI15	1ST HIGHEST VALUE IS	956.95792	459664.24,	3769254.03,	332.43,	332.43, 0.00)	DC	
	2ND HIGHEST VALUE IS	467.33566	459664.24,	3769204.03,	332.27,	332.27, 0.00)	DC	
	3RD HIGHEST VALUE IS	444.83270	459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	4TH HIGHEST VALUE IS	225.37590	459714.24,	3769204.03,	332.51,	332.51, 0.00)	DC	
	5TH HIGHEST VALUE IS	145.13293	459614.24,	3769254.03,	332.22,	332.22, 0.00)	DC	
	6TH HIGHEST VALUE IS	136.81132	459614.24,	3769204.03,	332.37,	332.37, 0.00)	DC	
	7TH HIGHEST VALUE IS	131.93506	459714.24,	3769304.03,	333.22,	333.22, 0.00)	DC	
	8TH HIGHEST VALUE IS	130.38562	459664.24,	3769304.03,	333.07,	333.07, 0.00)	DC	
	9TH HIGHEST VALUE IS	124.66747	459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	10TH HIGHEST VALUE IS	103.18317	459664.24,	3769154.03,	332.93,	332.93, 0.00)	DC	
SLSI16	1ST HIGHEST VALUE IS	716.52507	459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	2ND HIGHEST VALUE IS	518.35997	459664.24,	3769254.03,	332.43,	332.43, 0.00)	DC	
	3RD HIGHEST VALUE IS	358.46737	459664.24,	3769204.03,	332.27,	332.27, 0.00)	DC	
	4TH HIGHEST VALUE IS	314.85143	459714.24,	3769204.03,	332.51,	332.51, 0.00)	DC	
	5TH HIGHEST VALUE IS	163.42844	459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	6TH HIGHEST VALUE IS	137.00377	459714.24,	3769304.03,	333.22,	333.22, 0.00)	DC	
	7TH HIGHEST VALUE IS	117.74206	459664.24,	3769304.03,	333.07,	333.07, 0.00)	DC	
	8TH HIGHEST VALUE IS	105.87273	459764.24,	3769204.03,	332.74,	332.74, 0.00)	DC	
	9TH HIGHEST VALUE IS	105.13966	459614.24,	3769254.03,	332.22,	332.22, 0.00)	DC	
	10TH HIGHEST VALUE IS	102.21040	459614.24,	3769204.03,	332.37,	332.37, 0.00)	DC	
SLSI17	1ST HIGHEST VALUE IS	1135.58635	459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	2ND HIGHEST VALUE IS	432.16390	459714.24,	3769204.03,	332.51,	332.51, 0.00)	DC	
	3RD HIGHEST VALUE IS	299.52764	459664.24,	3769254.03,	332.43,	332.43, 0.00)	DC	
	4TH HIGHEST VALUE IS	250.91364	459664.24,	3769204.03,	332.27,	332.27, 0.00)	DC	
	5TH HIGHEST VALUE IS	223.07241	459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	6TH HIGHEST VALUE IS	137.70364	459714.24,	3769304.03,	333.22,	333.22, 0.00)	DC	
	7TH HIGHEST VALUE IS	136.14735	459764.24,	3769204.03,	332.74,	332.74, 0.00)	DC	
	8TH HIGHEST VALUE IS	112.51358	459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	9TH HIGHEST VALUE IS	102.31085	459664.24,	3769304.03,	333.07,	333.07, 0.00)	DC	
	10TH HIGHEST VALUE IS	97.96468	459714.24,	3769154.03,	332.68,	332.68, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI18	1ST HIGHEST VALUE IS	1250.72378 AT	(459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	2ND HIGHEST VALUE IS	511.11542 AT	(459714.24,	3769204.03,	332.51,	332.51, 0.00)	DC	
	3RD HIGHEST VALUE IS	320.78941 AT	(459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	4TH HIGHEST VALUE IS	191.57699 AT	(459664.24,	3769254.03,	332.43,	332.43, 0.00)	DC	
	5TH HIGHEST VALUE IS	180.88385 AT	(459764.24,	3769204.03,	332.74,	332.74, 0.00)	DC	
	6TH HIGHEST VALUE IS	175.88609 AT	(459664.24,	3769204.03,	332.27,	332.27, 0.00)	DC	
	7TH HIGHEST VALUE IS	134.10698 AT	(459714.24,	3769304.03,	333.22,	333.22, 0.00)	DC	
	8TH HIGHEST VALUE IS	123.34161 AT	(459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	9TH HIGHEST VALUE IS	103.79076 AT	(459814.24,	3769254.03,	332.88,	332.88, 0.00)	DC	
	10TH HIGHEST VALUE IS	103.70890 AT	(459714.24,	3769154.03,	332.68,	332.68, 0.00)	DC	
SLSI19	1ST HIGHEST VALUE IS	795.09515 AT	(459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	2ND HIGHEST VALUE IS	490.50064 AT	(459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	3RD HIGHEST VALUE IS	459.49846 AT	(459714.24,	3769204.03,	332.51,	332.51, 0.00)	DC	
	4TH HIGHEST VALUE IS	249.07979 AT	(459764.24,	3769204.03,	332.74,	332.74, 0.00)	DC	
	5TH HIGHEST VALUE IS	132.68064 AT	(459664.24,	3769254.03,	332.43,	332.43, 0.00)	DC	
	6TH HIGHEST VALUE IS	132.62026 AT	(459814.24,	3769254.03,	332.88,	332.88, 0.00)	DC	
	7TH HIGHEST VALUE IS	131.13765 AT	(459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	8TH HIGHEST VALUE IS	127.41179 AT	(459664.24,	3769204.03,	332.27,	332.27, 0.00)	DC	
	9TH HIGHEST VALUE IS	125.48270 AT	(459714.24,	3769304.03,	333.22,	333.22, 0.00)	DC	
	10TH HIGHEST VALUE IS	104.68536 AT	(459714.24,	3769154.03,	332.68,	332.68, 0.00)	DC	
SLSI20	1ST HIGHEST VALUE IS	786.82955 AT	(459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	2ND HIGHEST VALUE IS	439.72364 AT	(459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	3RD HIGHEST VALUE IS	351.28173 AT	(459764.24,	3769204.03,	332.74,	332.74, 0.00)	DC	
	4TH HIGHEST VALUE IS	336.90090 AT	(459714.24,	3769204.03,	332.51,	332.51, 0.00)	DC	
	5TH HIGHEST VALUE IS	175.25466 AT	(459814.24,	3769254.03,	332.88,	332.88, 0.00)	DC	
	6TH HIGHEST VALUE IS	134.79004 AT	(459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	7TH HIGHEST VALUE IS	113.32767 AT	(459814.24,	3769204.03,	332.35,	332.35, 0.00)	DC	
	8TH HIGHEST VALUE IS	112.32659 AT	(459714.24,	3769304.03,	333.22,	333.22, 0.00)	DC	
	9TH HIGHEST VALUE IS	102.02675 AT	(459814.24,	3769304.03,	333.36,	333.36, 0.00)	DC	
	10TH HIGHEST VALUE IS	100.41941 AT	(459714.24,	3769154.03,	332.68,	332.68, 0.00)	DC	
SLSI21	1ST HIGHEST VALUE IS	1161.87244 AT	(459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	2ND HIGHEST VALUE IS	475.87052 AT	(459764.24,	3769204.03,	332.74,	332.74, 0.00)	DC	
	3RD HIGHEST VALUE IS	263.16366 AT	(459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	4TH HIGHEST VALUE IS	241.63083 AT	(459814.24,	3769254.03,	332.88,	332.88, 0.00)	DC	
	5TH HIGHEST VALUE IS	232.76252 AT	(459714.24,	3769204.03,	332.51,	332.51, 0.00)	DC	
	6TH HIGHEST VALUE IS	146.95869 AT	(459814.24,	3769204.03,	332.35,	332.35, 0.00)	DC	
	7TH HIGHEST VALUE IS	134.39570 AT	(459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	8TH HIGHEST VALUE IS	113.67402 AT	(459814.24,	3769304.03,	333.36,	333.36, 0.00)	DC	
	9TH HIGHEST VALUE IS	101.05608 AT	(459764.24,	3769154.03,	332.36,	332.36, 0.00)	DC	
	10TH HIGHEST VALUE IS	97.14262 AT	(459714.24,	3769304.03,	333.22,	333.22, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI22	1ST HIGHEST VALUE IS	1098.03549	AT (459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	2ND HIGHEST VALUE IS	530.53550	AT (459764.24,	3769204.03,	332.74,	332.74, 0.00)	DC	
	3RD HIGHEST VALUE IS	351.11508	AT (459814.24,	3769254.03,	332.88,	332.88, 0.00)	DC	
	4TH HIGHEST VALUE IS	197.27799	AT (459814.24,	3769204.03,	332.35,	332.35, 0.00)	DC	
	5TH HIGHEST VALUE IS	172.75591	AT (459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	6TH HIGHEST VALUE IS	163.39938	AT (459714.24,	3769204.03,	332.51,	332.51, 0.00)	DC	
	7TH HIGHEST VALUE IS	129.77221	AT (459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	8TH HIGHEST VALUE IS	123.64787	AT (459814.24,	3769304.03,	333.36,	333.36, 0.00)	DC	
	9TH HIGHEST VALUE IS	110.03528	AT (459864.24,	3769254.03,	333.26,	333.26, 0.00)	DC	
	10TH HIGHEST VALUE IS	105.79620	AT (459764.24,	3769154.03,	332.36,	332.36, 0.00)	DC	
SLSI23	1ST HIGHEST VALUE IS	665.10567	AT (459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	2ND HIGHEST VALUE IS	540.10968	AT (459814.24,	3769254.03,	332.88,	332.88, 0.00)	DC	
	3RD HIGHEST VALUE IS	444.08851	AT (459764.24,	3769204.03,	332.74,	332.74, 0.00)	DC	
	4TH HIGHEST VALUE IS	274.38423	AT (459814.24,	3769204.03,	332.35,	332.35, 0.00)	DC	
	5TH HIGHEST VALUE IS	141.42320	AT (459864.24,	3769254.03,	333.26,	333.26, 0.00)	DC	
	6TH HIGHEST VALUE IS	130.35262	AT (459814.24,	3769304.03,	333.36,	333.36, 0.00)	DC	
	7TH HIGHEST VALUE IS	121.94782	AT (459714.24,	3769254.03,	332.83,	332.83, 0.00)	DC	
	8TH HIGHEST VALUE IS	120.26582	AT (459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	9TH HIGHEST VALUE IS	119.14331	AT (459714.24,	3769204.03,	332.51,	332.51, 0.00)	DC	
	10TH HIGHEST VALUE IS	105.34342	AT (459764.24,	3769154.03,	332.36,	332.36, 0.00)	DC	
SLSI24	1ST HIGHEST VALUE IS	852.12967	AT (459814.24,	3769254.03,	332.88,	332.88, 0.00)	DC	
	2ND HIGHEST VALUE IS	388.01663	AT (459814.24,	3769204.03,	332.35,	332.35, 0.00)	DC	
	3RD HIGHEST VALUE IS	377.66604	AT (459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	4TH HIGHEST VALUE IS	314.00275	AT (459764.24,	3769204.03,	332.74,	332.74, 0.00)	DC	
	5TH HIGHEST VALUE IS	188.27898	AT (459864.24,	3769254.03,	333.26,	333.26, 0.00)	DC	
	6TH HIGHEST VALUE IS	133.02073	AT (459814.24,	3769304.03,	333.36,	333.36, 0.00)	DC	
	7TH HIGHEST VALUE IS	121.84321	AT (459864.24,	3769204.03,	332.63,	332.63, 0.00)	DC	
	8TH HIGHEST VALUE IS	106.86138	AT (459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	9TH HIGHEST VALUE IS	103.77326	AT (459864.24,	3769304.03,	333.88,	333.88, 0.00)	DC	
	10TH HIGHEST VALUE IS	99.67102	AT (459764.24,	3769154.03,	332.36,	332.36, 0.00)	DC	
SLSI25	1ST HIGHEST VALUE IS	1579.63936	AT (459814.24,	3769254.03,	332.88,	332.88, 0.00)	DC	
	2ND HIGHEST VALUE IS	336.81752	AT (459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	3RD HIGHEST VALUE IS	332.61677	AT (459814.24,	3769204.03,	332.35,	332.35, 0.00)	DC	
	4TH HIGHEST VALUE IS	227.41153	AT (459764.24,	3769204.03,	332.74,	332.74, 0.00)	DC	
	5TH HIGHEST VALUE IS	221.60627	AT (459864.24,	3769254.03,	333.26,	333.26, 0.00)	DC	
	6TH HIGHEST VALUE IS	161.48198	AT (459814.24,	3769304.03,	333.36,	333.36, 0.00)	DC	
	7TH HIGHEST VALUE IS	123.78371	AT (459864.24,	3769304.03,	333.88,	333.88, 0.00)	DC	
	8TH HIGHEST VALUE IS	121.88915	AT (459864.24,	3769204.03,	332.63,	332.63, 0.00)	DC	
	9TH HIGHEST VALUE IS	115.69858	AT (459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	10TH HIGHEST VALUE IS	86.33150	AT (459814.24,	3769154.03,	331.84,	331.84, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI26	1ST HIGHEST VALUE IS	372.93761 AT	(459764.24,	3769254.03,	332.91,	332.91,	0.00)	DC
	2ND HIGHEST VALUE IS	246.67393 AT	(459814.24,	3769304.03,	333.36,	333.36,	0.00)	DC
	3RD HIGHEST VALUE IS	209.45443 AT	(459814.24,	3769204.03,	332.35,	332.35,	0.00)	DC
	4TH HIGHEST VALUE IS	208.84037 AT	(459864.24,	3769254.03,	333.26,	333.26,	0.00)	DC
	5TH HIGHEST VALUE IS	171.14034 AT	(459764.24,	3769204.03,	332.74,	332.74,	0.00)	DC
	6TH HIGHEST VALUE IS	155.34875 AT	(459864.24,	3769304.03,	333.88,	333.88,	0.00)	DC
	7TH HIGHEST VALUE IS	154.82186 AT	(459764.24,	3769304.03,	333.56,	333.56,	0.00)	DC
	8TH HIGHEST VALUE IS	98.22241 AT	(459864.24,	3769204.03,	332.63,	332.63,	0.00)	DC
	9TH HIGHEST VALUE IS	85.27963 AT	(459714.24,	3769254.03,	332.83,	332.83,	0.00)	DC
	10TH HIGHEST VALUE IS	77.75498 AT	(459914.24,	3769304.03,	333.14,	333.14,	0.00)	DC
SLSI27	1ST HIGHEST VALUE IS	1062.64387 AT	(459814.24,	3769254.03,	332.88,	332.88,	0.00)	DC
	2ND HIGHEST VALUE IS	422.56364 AT	(459814.24,	3769304.03,	333.36,	333.36,	0.00)	DC
	3RD HIGHEST VALUE IS	345.77905 AT	(459764.24,	3769254.03,	332.91,	332.91,	0.00)	DC
	4TH HIGHEST VALUE IS	211.36933 AT	(459764.24,	3769304.03,	333.56,	333.56,	0.00)	DC
	5TH HIGHEST VALUE IS	188.48666 AT	(459864.24,	3769304.03,	333.88,	333.88,	0.00)	DC
	6TH HIGHEST VALUE IS	177.82361 AT	(459864.24,	3769254.03,	333.26,	333.26,	0.00)	DC
	7TH HIGHEST VALUE IS	144.23924 AT	(459814.24,	3769204.03,	332.35,	332.35,	0.00)	DC
	8TH HIGHEST VALUE IS	130.09204 AT	(459764.24,	3769204.03,	332.74,	332.74,	0.00)	DC
	9TH HIGHEST VALUE IS	90.47519 AT	(459814.24,	3769354.03,	334.70,	334.70,	0.00)	DC
	10TH HIGHEST VALUE IS	84.77868 AT	(459714.24,	3769254.03,	332.83,	332.83,	0.00)	DC
SLSI28	1ST HIGHEST VALUE IS	849.74883 AT	(459814.24,	3769304.03,	333.36,	333.36,	0.00)	DC
	2ND HIGHEST VALUE IS	511.21685 AT	(459814.24,	3769254.03,	332.88,	332.88,	0.00)	DC
	3RD HIGHEST VALUE IS	285.12873 AT	(459764.24,	3769304.03,	333.56,	333.56,	0.00)	DC
	4TH HIGHEST VALUE IS	279.83096 AT	(459764.24,	3769254.03,	332.91,	332.91,	0.00)	DC
	5TH HIGHEST VALUE IS	213.62746 AT	(459864.24,	3769304.03,	333.88,	333.88,	0.00)	DC
	6TH HIGHEST VALUE IS	143.68973 AT	(459864.24,	3769254.03,	333.26,	333.26,	0.00)	DC
	7TH HIGHEST VALUE IS	122.45072 AT	(459814.24,	3769354.03,	334.70,	334.70,	0.00)	DC
	8TH HIGHEST VALUE IS	105.72124 AT	(459814.24,	3769204.03,	332.35,	332.35,	0.00)	DC
	9TH HIGHEST VALUE IS	103.27694 AT	(459864.24,	3769354.03,	334.06,	334.06,	0.00)	DC
	10TH HIGHEST VALUE IS	100.96399 AT	(459764.24,	3769204.03,	332.74,	332.74,	0.00)	DC
SLSI29	1ST HIGHEST VALUE IS	1844.64137 AT	(459814.24,	3769304.03,	333.36,	333.36,	0.00)	DC
	2ND HIGHEST VALUE IS	355.49267 AT	(459764.24,	3769304.03,	333.56,	333.56,	0.00)	DC
	3RD HIGHEST VALUE IS	292.79068 AT	(459814.24,	3769254.03,	332.88,	332.88,	0.00)	DC
	4TH HIGHEST VALUE IS	218.99291 AT	(459864.24,	3769304.03,	333.88,	333.88,	0.00)	DC
	5TH HIGHEST VALUE IS	212.29888 AT	(459764.24,	3769254.03,	332.91,	332.91,	0.00)	DC
	6TH HIGHEST VALUE IS	176.07499 AT	(459814.24,	3769354.03,	334.70,	334.70,	0.00)	DC
	7TH HIGHEST VALUE IS	130.38095 AT	(459864.24,	3769354.03,	334.06,	334.06,	0.00)	DC
	8TH HIGHEST VALUE IS	124.67291 AT	(459764.24,	3769354.03,	333.95,	333.95,	0.00)	DC
	9TH HIGHEST VALUE IS	115.01146 AT	(459864.24,	3769254.03,	333.26,	333.26,	0.00)	DC
	10TH HIGHEST VALUE IS	84.15253 AT	(459714.24,	3769304.03,	333.22,	333.22,	0.00)	DC

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI30	1ST HIGHEST VALUE IS	377.09282 AT	(459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	2ND HIGHEST VALUE IS	276.11457 AT	(459814.24,	3769354.03,	334.70,	334.70, 0.00)	DC	
	3RD HIGHEST VALUE IS	200.78162 AT	(459864.24,	3769304.03,	333.88,	333.88, 0.00)	DC	
	4TH HIGHEST VALUE IS	188.89514 AT	(459814.24,	3769254.03,	332.88,	332.88, 0.00)	DC	
	5TH HIGHEST VALUE IS	168.09156 AT	(459764.24,	3769354.03,	333.95,	333.95, 0.00)	DC	
	6TH HIGHEST VALUE IS	162.05586 AT	(459864.24,	3769354.03,	334.06,	334.06, 0.00)	DC	
	7TH HIGHEST VALUE IS	159.38405 AT	(459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	8TH HIGHEST VALUE IS	92.92838 AT	(459864.24,	3769254.03,	333.26,	333.26, 0.00)	DC	
	9TH HIGHEST VALUE IS	85.76436 AT	(459714.24,	3769304.03,	333.22,	333.22, 0.00)	DC	
	10TH HIGHEST VALUE IS	78.65871 AT	(459914.24,	3769354.03,	333.86,	333.86, 0.00)	DC	
SLSI31	1ST HIGHEST VALUE IS	843.98096 AT	(459814.24,	3769304.03,	333.36,	333.36, 0.00)	DC	
	2ND HIGHEST VALUE IS	491.56552 AT	(459814.24,	3769354.03,	334.70,	334.70, 0.00)	DC	
	3RD HIGHEST VALUE IS	333.83367 AT	(459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	4TH HIGHEST VALUE IS	230.06502 AT	(459764.24,	3769354.03,	333.95,	333.95, 0.00)	DC	
	5TH HIGHEST VALUE IS	193.85679 AT	(459864.24,	3769354.03,	334.06,	334.06, 0.00)	DC	
	6TH HIGHEST VALUE IS	167.92551 AT	(459864.24,	3769304.03,	333.88,	333.88, 0.00)	DC	
	7TH HIGHEST VALUE IS	132.03970 AT	(459814.24,	3769254.03,	332.88,	332.88, 0.00)	DC	
	8TH HIGHEST VALUE IS	121.28178 AT	(459764.24,	3769254.03,	332.91,	332.91, 0.00)	DC	
	9TH HIGHEST VALUE IS	95.34987 AT	(459814.24,	3769404.03,	337.16,	337.16, 0.00)	DC	
	10TH HIGHEST VALUE IS	86.53537 AT	(459864.24,	3769404.03,	334.54,	334.54, 0.00)	DC	
SLSI32	1ST HIGHEST VALUE IS	1024.42342 AT	(459814.24,	3769354.03,	334.70,	334.70, 0.00)	DC	
	2ND HIGHEST VALUE IS	428.12154 AT	(459814.24,	3769304.03,	333.36,	333.36, 0.00)	DC	
	3RD HIGHEST VALUE IS	304.99887 AT	(459764.24,	3769354.03,	333.95,	333.95, 0.00)	DC	
	4TH HIGHEST VALUE IS	261.97602 AT	(459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	5TH HIGHEST VALUE IS	214.42206 AT	(459864.24,	3769354.03,	334.06,	334.06, 0.00)	DC	
	6TH HIGHEST VALUE IS	134.55589 AT	(459864.24,	3769304.03,	333.88,	333.88, 0.00)	DC	
	7TH HIGHEST VALUE IS	130.80318 AT	(459814.24,	3769404.03,	337.16,	337.16, 0.00)	DC	
	8TH HIGHEST VALUE IS	108.99742 AT	(459864.24,	3769404.03,	334.54,	334.54, 0.00)	DC	
	9TH HIGHEST VALUE IS	101.68263 AT	(459764.24,	3769404.03,	334.89,	341.40, 0.00)	DC	
	10TH HIGHEST VALUE IS	97.77346 AT	(459814.24,	3769254.03,	332.88,	332.88, 0.00)	DC	
SLSI33	1ST HIGHEST VALUE IS	363.11765 AT	(459764.24,	3769354.03,	333.95,	333.95, 0.00)	DC	
	2ND HIGHEST VALUE IS	253.53862 AT	(459814.24,	3769304.03,	333.36,	333.36, 0.00)	DC	
	3RD HIGHEST VALUE IS	212.46608 AT	(459864.24,	3769354.03,	334.06,	334.06, 0.00)	DC	
	4TH HIGHEST VALUE IS	196.04452 AT	(459764.24,	3769304.03,	333.56,	333.56, 0.00)	DC	
	5TH HIGHEST VALUE IS	191.86431 AT	(459814.24,	3769404.03,	337.16,	337.16, 0.00)	DC	
	6TH HIGHEST VALUE IS	136.88808 AT	(459864.24,	3769404.03,	334.54,	334.54, 0.00)	DC	
	7TH HIGHEST VALUE IS	134.53673 AT	(459764.24,	3769404.03,	334.89,	341.40, 0.00)	DC	
	8TH HIGHEST VALUE IS	107.57758 AT	(459864.24,	3769304.03,	333.88,	333.88, 0.00)	DC	
	9TH HIGHEST VALUE IS	84.71059 AT	(459714.24,	3769354.03,	333.85,	333.85, 0.00)	DC	
	10TH HIGHEST VALUE IS	78.28993 AT	(459914.24,	3769354.03,	333.86,	333.86, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI34	1ST HIGHEST VALUE IS	1517.83955 AT	(459814.24,	3769354.03,	334.70,	334.70,	0.00)	DC
	2ND HIGHEST VALUE IS	361.89932 AT	(459764.24,	3769354.03,	333.95,	333.95,	0.00)	DC
	3RD HIGHEST VALUE IS	310.06112 AT	(459814.24,	3769404.03,	337.16,	337.16,	0.00)	DC
	4TH HIGHEST VALUE IS	187.85285 AT	(459864.24,	3769354.03,	334.06,	334.06,	0.00)	DC
	5TH HIGHEST VALUE IS	181.41080 AT	(459764.24,	3769404.03,	334.89,	341.40,	0.00)	DC
	6TH HIGHEST VALUE IS	167.69655 AT	(459864.24,	3769404.03,	334.54,	334.54,	0.00)	DC
	7TH HIGHEST VALUE IS	167.17159 AT	(459814.24,	3769304.03,	333.36,	333.36,	0.00)	DC
	8TH HIGHEST VALUE IS	146.64916 AT	(459764.24,	3769304.03,	333.56,	333.56,	0.00)	DC
	9TH HIGHEST VALUE IS	86.97125 AT	(459864.24,	3769304.03,	333.88,	333.88,	0.00)	DC
	10TH HIGHEST VALUE IS	85.19483 AT	(459714.24,	3769354.03,	333.85,	333.85,	0.00)	DC
SLSI35	1ST HIGHEST VALUE IS	675.99979 AT	(459814.24,	3769354.03,	334.70,	334.70,	0.00)	DC
	2ND HIGHEST VALUE IS	576.43252 AT	(459814.24,	3769404.03,	337.16,	337.16,	0.00)	DC
	3RD HIGHEST VALUE IS	305.53057 AT	(459764.24,	3769354.03,	333.95,	333.95,	0.00)	DC
	4TH HIGHEST VALUE IS	244.87780 AT	(459764.24,	3769404.03,	334.89,	341.40,	0.00)	DC
	5TH HIGHEST VALUE IS	194.74425 AT	(459864.24,	3769404.03,	334.54,	334.54,	0.00)	DC
	6TH HIGHEST VALUE IS	153.48275 AT	(459864.24,	3769354.03,	334.06,	334.06,	0.00)	DC
	7TH HIGHEST VALUE IS	118.56557 AT	(459814.24,	3769304.03,	333.36,	333.36,	0.00)	DC
	8TH HIGHEST VALUE IS	111.65838 AT	(459764.24,	3769304.03,	333.56,	333.56,	0.00)	DC
	9TH HIGHEST VALUE IS	100.45369 AT	(459814.24,	3769454.03,	340.50,	340.50,	0.00)	DC
	10TH HIGHEST VALUE IS	90.97691 AT	(459864.24,	3769454.03,	335.38,	345.12,	0.00)	DC
SLSI36	1ST HIGHEST VALUE IS	1231.29960 AT	(459814.24,	3769404.03,	337.16,	337.16,	0.00)	DC
	2ND HIGHEST VALUE IS	358.76651 AT	(459814.24,	3769354.03,	334.70,	334.70,	0.00)	DC
	3RD HIGHEST VALUE IS	314.34068 AT	(459764.24,	3769404.03,	334.89,	341.40,	0.00)	DC
	4TH HIGHEST VALUE IS	233.87772 AT	(459764.24,	3769354.03,	333.95,	333.95,	0.00)	DC
	5TH HIGHEST VALUE IS	207.04992 AT	(459864.24,	3769404.03,	334.54,	334.54,	0.00)	DC
	6TH HIGHEST VALUE IS	140.00776 AT	(459814.24,	3769454.03,	340.50,	340.50,	0.00)	DC
	7TH HIGHEST VALUE IS	122.12064 AT	(459864.24,	3769354.03,	334.06,	334.06,	0.00)	DC
	8TH HIGHEST VALUE IS	113.58239 AT	(459864.24,	3769454.03,	335.38,	345.12,	0.00)	DC
	9TH HIGHEST VALUE IS	108.35888 AT	(459764.24,	3769454.03,	335.95,	345.79,	0.00)	DC
	10TH HIGHEST VALUE IS	88.63101 AT	(459814.24,	3769304.03,	333.36,	333.36,	0.00)	DC
SLSI37	1ST HIGHEST VALUE IS	353.17947 AT	(459764.24,	3769404.03,	334.89,	341.40,	0.00)	DC
	2ND HIGHEST VALUE IS	218.80196 AT	(459814.24,	3769354.03,	334.70,	334.70,	0.00)	DC
	3RD HIGHEST VALUE IS	210.17647 AT	(459814.24,	3769454.03,	340.50,	340.50,	0.00)	DC
	4TH HIGHEST VALUE IS	196.58169 AT	(459864.24,	3769404.03,	334.54,	334.54,	0.00)	DC
	5TH HIGHEST VALUE IS	173.57743 AT	(459764.24,	3769354.03,	333.95,	333.95,	0.00)	DC
	6TH HIGHEST VALUE IS	142.32038 AT	(459764.24,	3769454.03,	335.95,	345.79,	0.00)	DC
	7TH HIGHEST VALUE IS	140.20552 AT	(459864.24,	3769454.03,	335.38,	345.12,	0.00)	DC
	8TH HIGHEST VALUE IS	97.49486 AT	(459864.24,	3769354.03,	334.06,	334.06,	0.00)	DC
	9TH HIGHEST VALUE IS	83.67963 AT	(459714.24,	3769404.03,	334.74,	334.74,	0.00)	DC
	10TH HIGHEST VALUE IS	75.07175 AT	(459914.24,	3769404.03,	334.64,	334.64,	0.00)	DC

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI38	1ST HIGHEST VALUE IS	1191.61934 AT	(459814.24,	3769404.03,	337.16,	337.16,	0.00)	DC
	2ND HIGHEST VALUE IS	351.57604 AT	(459814.24,	3769454.03,	340.50,	340.50,	0.00)	DC
	3RD HIGHEST VALUE IS	332.00105 AT	(459764.24,	3769404.03,	334.89,	341.40,	0.00)	DC
	4TH HIGHEST VALUE IS	189.24925 AT	(459764.24,	3769454.03,	335.95,	345.79,	0.00)	DC
	5TH HIGHEST VALUE IS	168.14083 AT	(459864.24,	3769404.03,	334.54,	334.54,	0.00)	DC
	6TH HIGHEST VALUE IS	167.28281 AT	(459864.24,	3769454.03,	335.38,	345.12,	0.00)	DC
	7TH HIGHEST VALUE IS	147.04625 AT	(459814.24,	3769354.03,	334.70,	334.70,	0.00)	DC
	8TH HIGHEST VALUE IS	129.86151 AT	(459764.24,	3769354.03,	333.95,	333.95,	0.00)	DC
	9TH HIGHEST VALUE IS	82.71464 AT	(459714.24,	3769404.03,	334.74,	334.74,	0.00)	DC
	10TH HIGHEST VALUE IS	78.80225 AT	(459864.24,	3769354.03,	334.06,	334.06,	0.00)	DC
SLSI39	1ST HIGHEST VALUE IS	682.58026 AT	(459814.24,	3769454.03,	340.50,	340.50,	0.00)	DC
	2ND HIGHEST VALUE IS	550.20803 AT	(459814.24,	3769404.03,	337.16,	337.16,	0.00)	DC
	3RD HIGHEST VALUE IS	269.95940 AT	(459764.24,	3769404.03,	334.89,	341.40,	0.00)	DC
	4TH HIGHEST VALUE IS	248.52127 AT	(459764.24,	3769454.03,	335.95,	345.79,	0.00)	DC
	5TH HIGHEST VALUE IS	187.31818 AT	(459864.24,	3769454.03,	335.38,	345.12,	0.00)	DC
	6TH HIGHEST VALUE IS	135.35446 AT	(459864.24,	3769404.03,	334.54,	334.54,	0.00)	DC
	7TH HIGHEST VALUE IS	108.17645 AT	(459814.24,	3769504.03,	343.60,	343.60,	0.00)	DC
	8TH HIGHEST VALUE IS	105.64601 AT	(459814.24,	3769354.03,	334.70,	334.70,	0.00)	DC
	9TH HIGHEST VALUE IS	99.20097 AT	(459764.24,	3769354.03,	333.95,	333.95,	0.00)	DC
	10TH HIGHEST VALUE IS	91.47482 AT	(459864.24,	3769504.03,	335.35,	347.05,	0.00)	DC
SLSI40	1ST HIGHEST VALUE IS	1461.50975 AT	(459814.24,	3769454.03,	340.50,	340.50,	0.00)	DC
	2ND HIGHEST VALUE IS	305.67498 AT	(459764.24,	3769454.03,	335.95,	345.79,	0.00)	DC
	3RD HIGHEST VALUE IS	303.72440 AT	(459814.24,	3769404.03,	337.16,	337.16,	0.00)	DC
	4TH HIGHEST VALUE IS	203.76266 AT	(459764.24,	3769404.03,	334.89,	341.40,	0.00)	DC
	5TH HIGHEST VALUE IS	191.26338 AT	(459864.24,	3769454.03,	335.38,	345.12,	0.00)	DC
	6TH HIGHEST VALUE IS	153.78867 AT	(459814.24,	3769504.03,	343.60,	343.60,	0.00)	DC
	7TH HIGHEST VALUE IS	113.98038 AT	(459764.24,	3769504.03,	338.07,	346.73,	0.00)	DC
	8TH HIGHEST VALUE IS	111.81314 AT	(459864.24,	3769504.03,	335.35,	347.05,	0.00)	DC
	9TH HIGHEST VALUE IS	107.55558 AT	(459864.24,	3769404.03,	334.54,	334.54,	0.00)	DC
	10TH HIGHEST VALUE IS	79.71275 AT	(459814.24,	3769354.03,	334.70,	334.70,	0.00)	DC
SLSI41	1ST HIGHEST VALUE IS	328.04512 AT	(459764.24,	3769454.03,	335.95,	345.79,	0.00)	DC
	2ND HIGHEST VALUE IS	236.98443 AT	(459814.24,	3769504.03,	343.60,	343.60,	0.00)	DC
	3RD HIGHEST VALUE IS	190.60273 AT	(459814.24,	3769404.03,	337.16,	337.16,	0.00)	DC
	4TH HIGHEST VALUE IS	175.72841 AT	(459864.24,	3769454.03,	335.38,	345.12,	0.00)	DC
	5TH HIGHEST VALUE IS	151.50577 AT	(459764.24,	3769404.03,	334.89,	341.40,	0.00)	DC
	6TH HIGHEST VALUE IS	148.60906 AT	(459764.24,	3769504.03,	338.07,	346.73,	0.00)	DC
	7TH HIGHEST VALUE IS	134.66732 AT	(459864.24,	3769504.03,	335.35,	347.05,	0.00)	DC
	8TH HIGHEST VALUE IS	86.26824 AT	(459864.24,	3769404.03,	334.54,	334.54,	0.00)	DC
	9TH HIGHEST VALUE IS	78.90324 AT	(459714.24,	3769454.03,	334.97,	343.95,	0.00)	DC
	10TH HIGHEST VALUE IS	71.07370 AT	(459914.24,	3769504.03,	335.35,	335.35,	0.00)	DC

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI42	1ST HIGHEST VALUE IS	945.56409	459814.24,	3769454.03,	340.50,	340.50, 0.00)	DC	
	2ND HIGHEST VALUE IS	409.66733	459814.24,	3769504.03,	343.60,	343.60, 0.00)	DC	
	3RD HIGHEST VALUE IS	298.42387	459764.24,	3769454.03,	335.95,	345.79, 0.00)	DC	
	4TH HIGHEST VALUE IS	195.66526	459764.24,	3769504.03,	338.07,	346.73, 0.00)	DC	
	5TH HIGHEST VALUE IS	156.89494	459864.24,	3769504.03,	335.35,	347.05, 0.00)	DC	
	6TH HIGHEST VALUE IS	148.01043	459864.24,	3769454.03,	335.38,	345.12, 0.00)	DC	
	7TH HIGHEST VALUE IS	130.91363	459814.24,	3769404.03,	337.16,	337.16, 0.00)	DC	
	8TH HIGHEST VALUE IS	114.40078	459764.24,	3769404.03,	334.89,	341.40, 0.00)	DC	
	9TH HIGHEST VALUE IS	87.95029	459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
	10TH HIGHEST VALUE IS	77.05099	459714.24,	3769454.03,	334.97,	343.95, 0.00)	DC	
SLSI43	1ST HIGHEST VALUE IS	816.76300	459814.24,	3769504.03,	343.60,	343.60, 0.00)	DC	
	2ND HIGHEST VALUE IS	463.82402	459814.24,	3769454.03,	340.50,	340.50, 0.00)	DC	
	3RD HIGHEST VALUE IS	254.57078	459764.24,	3769504.03,	338.07,	346.73, 0.00)	DC	
	4TH HIGHEST VALUE IS	239.19032	459764.24,	3769454.03,	335.95,	345.79, 0.00)	DC	
	5TH HIGHEST VALUE IS	172.43762	459864.24,	3769504.03,	335.35,	347.05, 0.00)	DC	
	6TH HIGHEST VALUE IS	119.60289	459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
	7TH HIGHEST VALUE IS	119.54849	459864.24,	3769454.03,	335.38,	345.12, 0.00)	DC	
	8TH HIGHEST VALUE IS	95.88291	459814.24,	3769404.03,	337.16,	337.16, 0.00)	DC	
	9TH HIGHEST VALUE IS	93.83758	459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
	10TH HIGHEST VALUE IS	89.48804	459864.24,	3769554.03,	335.49,	347.23, 0.00)	DC	
SLSI44	1ST HIGHEST VALUE IS	1688.06177	459814.24,	3769504.03,	343.60,	343.60, 0.00)	DC	
	2ND HIGHEST VALUE IS	308.31303	459764.24,	3769504.03,	338.07,	346.73, 0.00)	DC	
	3RD HIGHEST VALUE IS	268.09867	459814.24,	3769454.03,	340.50,	340.50, 0.00)	DC	
	4TH HIGHEST VALUE IS	180.85372	459764.24,	3769454.03,	335.95,	345.79, 0.00)	DC	
	5TH HIGHEST VALUE IS	173.54859	459864.24,	3769504.03,	335.35,	347.05, 0.00)	DC	
	6TH HIGHEST VALUE IS	172.65570	459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
	7TH HIGHEST VALUE IS	120.94147	459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
	8TH HIGHEST VALUE IS	109.07812	459864.24,	3769554.03,	335.49,	347.23, 0.00)	DC	
	9TH HIGHEST VALUE IS	96.14875	459864.24,	3769454.03,	335.38,	345.12, 0.00)	DC	
	10TH HIGHEST VALUE IS	74.61364	459714.24,	3769504.03,	335.36,	346.73, 0.00)	DC	
SLSI45	1ST HIGHEST VALUE IS	1693.57857	459814.24,	3769504.03,	343.60,	343.60, 0.00)	DC	
	2ND HIGHEST VALUE IS	321.88479	459764.24,	3769504.03,	338.07,	346.73, 0.00)	DC	
	3RD HIGHEST VALUE IS	271.44388	459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
	4TH HIGHEST VALUE IS	173.93201	459814.24,	3769454.03,	340.50,	340.50, 0.00)	DC	
	5TH HIGHEST VALUE IS	159.11025	459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
	6TH HIGHEST VALUE IS	157.94782	459864.24,	3769504.03,	335.35,	347.05, 0.00)	DC	
	7TH HIGHEST VALUE IS	135.93589	459764.24,	3769454.03,	335.95,	345.79, 0.00)	DC	
	8TH HIGHEST VALUE IS	131.37661	459864.24,	3769554.03,	335.49,	347.23, 0.00)	DC	
	9TH HIGHEST VALUE IS	78.20005	459864.24,	3769454.03,	335.38,	345.12, 0.00)	DC	
	10TH HIGHEST VALUE IS	75.14363	459714.24,	3769504.03,	335.36,	346.73, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI46	1ST HIGHEST VALUE IS	789.30020	AT (459814.24,	3769504.03,	343.60,	343.60, 0.00)	DC	
	2ND HIGHEST VALUE IS	480.58362	AT (459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
	3RD HIGHEST VALUE IS	284.59150	AT (459764.24,	3769504.03,	338.07,	346.73, 0.00)	DC	
	4TH HIGHEST VALUE IS	211.72129	AT (459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
	5TH HIGHEST VALUE IS	152.80356	AT (459864.24,	3769554.03,	335.49,	347.23, 0.00)	DC	
	6TH HIGHEST VALUE IS	132.75143	AT (459864.24,	3769504.03,	335.35,	347.05, 0.00)	DC	
	7TH HIGHEST VALUE IS	122.38512	AT (459814.24,	3769454.03,	340.50,	340.50, 0.00)	DC	
	8TH HIGHEST VALUE IS	104.06002	AT (459764.24,	3769454.03,	335.95,	345.79, 0.00)	DC	
	9TH HIGHEST VALUE IS	96.02046	AT (459814.24,	3769604.03,	346.88,	346.88, 0.00)	DC	
	10TH HIGHEST VALUE IS	76.73011	AT (459764.24,	3769604.03,	341.85,	347.16, 0.00)	DC	
SLSI47	1ST HIGHEST VALUE IS	975.62159	AT (459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
	2ND HIGHEST VALUE IS	409.07350	AT (459814.24,	3769504.03,	343.60,	343.60, 0.00)	DC	
	3RD HIGHEST VALUE IS	275.64874	AT (459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
	4TH HIGHEST VALUE IS	224.18578	AT (459764.24,	3769504.03,	338.07,	346.73, 0.00)	DC	
	5TH HIGHEST VALUE IS	166.41898	AT (459864.24,	3769554.03,	335.49,	347.23, 0.00)	DC	
	6TH HIGHEST VALUE IS	131.98490	AT (459814.24,	3769604.03,	346.88,	346.88, 0.00)	DC	
	7TH HIGHEST VALUE IS	107.80277	AT (459864.24,	3769504.03,	335.35,	347.05, 0.00)	DC	
	8TH HIGHEST VALUE IS	97.00787	AT (459764.24,	3769604.03,	341.85,	347.16, 0.00)	DC	
	9TH HIGHEST VALUE IS	92.39202	AT (459864.24,	3769604.03,	337.21,	347.32, 0.00)	DC	
	10TH HIGHEST VALUE IS	91.16612	AT (459814.24,	3769454.03,	340.50,	340.50, 0.00)	DC	
SLSI48	1ST HIGHEST VALUE IS	1832.64439	AT (459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
	2ND HIGHEST VALUE IS	326.82347	AT (459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
	3RD HIGHEST VALUE IS	245.54293	AT (459814.24,	3769504.03,	343.60,	343.60, 0.00)	DC	
	4TH HIGHEST VALUE IS	193.42314	AT (459814.24,	3769604.03,	346.88,	346.88, 0.00)	DC	
	5TH HIGHEST VALUE IS	169.18924	AT (459764.24,	3769504.03,	338.07,	346.73, 0.00)	DC	
	6TH HIGHEST VALUE IS	164.86831	AT (459864.24,	3769554.03,	335.49,	347.23, 0.00)	DC	
	7TH HIGHEST VALUE IS	125.65570	AT (459764.24,	3769604.03,	341.85,	347.16, 0.00)	DC	
	8TH HIGHEST VALUE IS	112.98779	AT (459864.24,	3769604.03,	337.21,	347.32, 0.00)	DC	
	9TH HIGHEST VALUE IS	87.54596	AT (459864.24,	3769504.03,	335.35,	347.05, 0.00)	DC	
	10TH HIGHEST VALUE IS	73.31763	AT (459714.24,	3769554.03,	335.97,	347.16, 0.00)	DC	
SLSI49	1ST HIGHEST VALUE IS	1419.24280	AT (459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
	2ND HIGHEST VALUE IS	328.66862	AT (459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
	3RD HIGHEST VALUE IS	310.25428	AT (459814.24,	3769604.03,	346.88,	346.88, 0.00)	DC	
	4TH HIGHEST VALUE IS	166.68938	AT (459764.24,	3769604.03,	341.85,	347.16, 0.00)	DC	
	5TH HIGHEST VALUE IS	163.53234	AT (459814.24,	3769504.03,	343.60,	343.60, 0.00)	DC	
	6TH HIGHEST VALUE IS	147.61278	AT (459864.24,	3769554.03,	335.49,	347.23, 0.00)	DC	
	7TH HIGHEST VALUE IS	135.84780	AT (459864.24,	3769604.03,	337.21,	347.32, 0.00)	DC	
	8TH HIGHEST VALUE IS	128.04127	AT (459764.24,	3769504.03,	338.07,	346.73, 0.00)	DC	
	9TH HIGHEST VALUE IS	79.29834	AT (459814.24,	3769654.03,	346.12,	347.29, 0.00)	DC	
	10TH HIGHEST VALUE IS	73.75010	AT (459714.24,	3769554.03,	335.97,	347.16, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI50	1ST HIGHEST VALUE IS	668.13612	459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
	2ND HIGHEST VALUE IS	563.09847	459814.24,	3769604.03,	346.88,	346.88, 0.00)	DC	
	3RD HIGHEST VALUE IS	281.03069	459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
	4TH HIGHEST VALUE IS	223.20404	459764.24,	3769604.03,	341.85,	347.16, 0.00)	DC	
	5TH HIGHEST VALUE IS	156.37747	459864.24,	3769604.03,	337.21,	347.32, 0.00)	DC	
	6TH HIGHEST VALUE IS	123.06391	459864.24,	3769554.03,	335.49,	347.23, 0.00)	DC	
	7TH HIGHEST VALUE IS	117.11396	459814.24,	3769504.03,	343.60,	343.60, 0.00)	DC	
	8TH HIGHEST VALUE IS	104.28312	459814.24,	3769654.03,	346.12,	347.29, 0.00)	DC	
	9TH HIGHEST VALUE IS	98.87015	459764.24,	3769504.03,	338.07,	346.73, 0.00)	DC	
	10TH HIGHEST VALUE IS	86.57670	459864.24,	3769654.03,	343.38,	347.07, 0.00)	DC	
SLSI51	1ST HIGHEST VALUE IS	1159.16258	459814.24,	3769604.03,	346.88,	346.88, 0.00)	DC	
	2ND HIGHEST VALUE IS	363.73733	459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
	3RD HIGHEST VALUE IS	289.47229	459764.24,	3769604.03,	341.85,	347.16, 0.00)	DC	
	4TH HIGHEST VALUE IS	218.19005	459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
	5TH HIGHEST VALUE IS	167.14453	459864.24,	3769604.03,	337.21,	347.32, 0.00)	DC	
	6TH HIGHEST VALUE IS	143.86359	459814.24,	3769654.03,	346.12,	347.29, 0.00)	DC	
	7TH HIGHEST VALUE IS	108.52170	459764.24,	3769654.03,	345.76,	347.09, 0.00)	DC	
	8TH HIGHEST VALUE IS	107.34795	459864.24,	3769654.03,	343.38,	347.07, 0.00)	DC	
	9TH HIGHEST VALUE IS	100.13400	459864.24,	3769554.03,	335.49,	347.23, 0.00)	DC	
	10TH HIGHEST VALUE IS	88.41102	459814.24,	3769504.03,	343.60,	343.60, 0.00)	DC	
SLSI52	1ST HIGHEST VALUE IS	1883.54129	459814.24,	3769604.03,	346.88,	346.88, 0.00)	DC	
	2ND HIGHEST VALUE IS	335.07027	459764.24,	3769604.03,	341.85,	347.16, 0.00)	DC	
	3RD HIGHEST VALUE IS	225.78937	459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
	4TH HIGHEST VALUE IS	212.16758	459814.24,	3769654.03,	346.12,	347.29, 0.00)	DC	
	5TH HIGHEST VALUE IS	164.79365	459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
	6TH HIGHEST VALUE IS	161.86769	459864.24,	3769604.03,	337.21,	347.32, 0.00)	DC	
	7TH HIGHEST VALUE IS	144.31151	459764.24,	3769654.03,	345.76,	347.09, 0.00)	DC	
	8TH HIGHEST VALUE IS	132.37881	459864.24,	3769654.03,	343.38,	347.07, 0.00)	DC	
	9TH HIGHEST VALUE IS	81.85256	459864.24,	3769554.03,	335.49,	347.23, 0.00)	DC	
	10TH HIGHEST VALUE IS	73.85014	459714.24,	3769604.03,	336.92,	347.32, 0.00)	DC	
SLSI53	1ST HIGHEST VALUE IS	1170.47521	459814.24,	3769604.03,	346.88,	346.88, 0.00)	DC	
	2ND HIGHEST VALUE IS	352.45805	459814.24,	3769654.03,	346.12,	347.29, 0.00)	DC	
	3RD HIGHEST VALUE IS	350.56977	459764.24,	3769604.03,	341.85,	347.16, 0.00)	DC	
	4TH HIGHEST VALUE IS	201.67397	459764.24,	3769654.03,	345.76,	347.09, 0.00)	DC	
	5TH HIGHEST VALUE IS	167.58034	459864.24,	3769654.03,	343.38,	347.07, 0.00)	DC	
	6TH HIGHEST VALUE IS	157.64773	459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
	7TH HIGHEST VALUE IS	147.50476	459864.24,	3769604.03,	337.21,	347.32, 0.00)	DC	
	8TH HIGHEST VALUE IS	132.70778	459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
	9TH HIGHEST VALUE IS	76.82117	459714.24,	3769604.03,	336.92,	347.32, 0.00)	DC	
	10TH HIGHEST VALUE IS	75.52274	459814.24,	3769704.03,	338.34,	347.32, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI54	1ST HIGHEST VALUE IS	448.88554	AT (459814.24,	3769654.03,	346.12,	347.29, 0.00)	DC	
	2ND HIGHEST VALUE IS	316.47259	AT (459814.24,	3769604.03,	346.88,	346.88, 0.00)	DC	
	3RD HIGHEST VALUE IS	309.22283	AT (459764.24,	3769604.03,	341.85,	347.16, 0.00)	DC	
	4TH HIGHEST VALUE IS	196.20618	AT (459864.24,	3769654.03,	343.38,	347.07, 0.00)	DC	
	5TH HIGHEST VALUE IS	167.14267	AT (459764.24,	3769654.03,	345.76,	347.09, 0.00)	DC	
	6TH HIGHEST VALUE IS	142.37286	AT (459864.24,	3769604.03,	337.21,	347.32, 0.00)	DC	
	7TH HIGHEST VALUE IS	112.25598	AT (459814.24,	3769704.03,	338.34,	347.32, 0.00)	DC	
	8TH HIGHEST VALUE IS	109.68535	AT (459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
	9TH HIGHEST VALUE IS	94.84780	AT (459864.24,	3769704.03,	338.43,	347.32, 0.00)	DC	
	10TH HIGHEST VALUE IS	94.54965	AT (459814.24,	3769554.03,	345.66,	345.66, 0.00)	DC	
SLSI55	1ST HIGHEST VALUE IS	1208.31774	AT (459814.24,	3769654.03,	346.12,	347.29, 0.00)	DC	
	2ND HIGHEST VALUE IS	333.97539	AT (459764.24,	3769654.03,	345.76,	347.09, 0.00)	DC	
	3RD HIGHEST VALUE IS	249.61687	AT (459814.24,	3769604.03,	346.88,	346.88, 0.00)	DC	
	4TH HIGHEST VALUE IS	244.01456	AT (459764.24,	3769604.03,	341.85,	347.16, 0.00)	DC	
	5TH HIGHEST VALUE IS	210.23958	AT (459864.24,	3769654.03,	343.38,	347.07, 0.00)	DC	
	6TH HIGHEST VALUE IS	149.10523	AT (459814.24,	3769704.03,	338.34,	347.32, 0.00)	DC	
	7TH HIGHEST VALUE IS	114.11660	AT (459864.24,	3769704.03,	338.43,	347.32, 0.00)	DC	
	8TH HIGHEST VALUE IS	112.05186	AT (459764.24,	3769704.03,	338.29,	347.32, 0.00)	DC	
	9TH HIGHEST VALUE IS	109.01998	AT (459864.24,	3769604.03,	337.21,	347.32, 0.00)	DC	
	10TH HIGHEST VALUE IS	86.58422	AT (459764.24,	3769554.03,	340.92,	347.05, 0.00)	DC	
SLSI56	1ST HIGHEST VALUE IS	1763.39311	AT (459814.24,	3769654.03,	346.12,	347.29, 0.00)	DC	
	2ND HIGHEST VALUE IS	406.98730	AT (459764.24,	3769654.03,	345.76,	347.09, 0.00)	DC	
	3RD HIGHEST VALUE IS	209.47381	AT (459814.24,	3769604.03,	346.88,	346.88, 0.00)	DC	
	4TH HIGHEST VALUE IS	193.58878	AT (459814.24,	3769704.03,	338.34,	347.32, 0.00)	DC	
	5TH HIGHEST VALUE IS	183.34548	AT (459864.24,	3769654.03,	343.38,	347.07, 0.00)	DC	
	6TH HIGHEST VALUE IS	160.91292	AT (459764.24,	3769604.03,	341.85,	347.16, 0.00)	DC	
	7TH HIGHEST VALUE IS	131.63193	AT (459764.24,	3769704.03,	338.29,	347.32, 0.00)	DC	
	8TH HIGHEST VALUE IS	124.80579	AT (459864.24,	3769704.03,	338.43,	347.32, 0.00)	DC	
	9TH HIGHEST VALUE IS	86.16647	AT (459714.24,	3769654.03,	343.71,	346.22, 0.00)	DC	
	10TH HIGHEST VALUE IS	80.40050	AT (459864.24,	3769604.03,	337.21,	347.32, 0.00)	DC	
SLSI57	1ST HIGHEST VALUE IS	936.79264	AT (459814.24,	3769654.03,	346.12,	347.29, 0.00)	DC	
	2ND HIGHEST VALUE IS	371.24950	AT (459764.24,	3769654.03,	345.76,	347.09, 0.00)	DC	
	3RD HIGHEST VALUE IS	314.99522	AT (459814.24,	3769704.03,	338.34,	347.32, 0.00)	DC	
	4TH HIGHEST VALUE IS	176.78909	AT (459764.24,	3769704.03,	338.29,	347.32, 0.00)	DC	
	5TH HIGHEST VALUE IS	156.24980	AT (459864.24,	3769654.03,	343.38,	347.07, 0.00)	DC	
	6TH HIGHEST VALUE IS	146.70905	AT (459864.24,	3769704.03,	338.43,	347.32, 0.00)	DC	
	7TH HIGHEST VALUE IS	144.61695	AT (459814.24,	3769604.03,	346.88,	346.88, 0.00)	DC	
	8TH HIGHEST VALUE IS	121.63195	AT (459764.24,	3769604.03,	341.85,	347.16, 0.00)	DC	
	9TH HIGHEST VALUE IS	88.85505	AT (459814.24,	3769754.03,	345.39,	345.39, 0.00)	DC	
	10TH HIGHEST VALUE IS	85.06454	AT (459714.24,	3769654.03,	343.71,	346.22, 0.00)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLSI58	1ST HIGHEST VALUE IS	650.74238	AT (459814.24,	3769704.03,	338.34,	347.32,	0.00)	DC
	2ND HIGHEST VALUE IS	447.83931	AT (459814.24,	3769654.03,	346.12,	347.29,	0.00)	DC
	3RD HIGHEST VALUE IS	287.49410	AT (459764.24,	3769654.03,	345.76,	347.09,	0.00)	DC
	4TH HIGHEST VALUE IS	271.53887	AT (459764.24,	3769704.03,	338.29,	347.32,	0.00)	DC
	5TH HIGHEST VALUE IS	185.50447	AT (459864.24,	3769704.03,	338.43,	347.32,	0.00)	DC
	6TH HIGHEST VALUE IS	136.61734	AT (459864.24,	3769654.03,	343.38,	347.07,	0.00)	DC
	7TH HIGHEST VALUE IS	118.10835	AT (459814.24,	3769754.03,	345.39,	345.39,	0.00)	DC
	8TH HIGHEST VALUE IS	104.26001	AT (459764.24,	3769604.03,	341.85,	347.16,	0.00)	DC
	9TH HIGHEST VALUE IS	100.50065	AT (459814.24,	3769604.03,	346.88,	346.88,	0.00)	DC
	10TH HIGHEST VALUE IS	100.30466	AT (459864.24,	3769754.03,	344.21,	344.21,	0.00)	DC
SLSI59	1ST HIGHEST VALUE IS	1543.20347	AT (459814.24,	3769704.03,	338.34,	347.32,	0.00)	DC
	2ND HIGHEST VALUE IS	391.11645	AT (459764.24,	3769704.03,	338.29,	347.32,	0.00)	DC
	3RD HIGHEST VALUE IS	211.22101	AT (459764.24,	3769654.03,	345.76,	347.09,	0.00)	DC
	4TH HIGHEST VALUE IS	206.18513	AT (459864.24,	3769704.03,	338.43,	347.32,	0.00)	DC
	5TH HIGHEST VALUE IS	188.46700	AT (459814.24,	3769654.03,	346.12,	347.29,	0.00)	DC
	6TH HIGHEST VALUE IS	132.41251	AT (459864.24,	3769754.03,	344.21,	344.21,	0.00)	DC
	7TH HIGHEST VALUE IS	118.13046	AT (459814.24,	3769754.03,	345.39,	345.39,	0.00)	DC
	8TH HIGHEST VALUE IS	104.56267	AT (459864.24,	3769654.03,	343.38,	347.07,	0.00)	DC
	9TH HIGHEST VALUE IS	88.16078	AT (459714.24,	3769704.03,	338.27,	347.21,	0.00)	DC
	10TH HIGHEST VALUE IS	82.04818	AT (459764.24,	3769754.03,	345.10,	345.10,	0.00)	DC
SLSI60	1ST HIGHEST VALUE IS	1617.15393	AT (459814.24,	3769704.03,	338.34,	347.32,	0.00)	DC
	2ND HIGHEST VALUE IS	420.59485	AT (459764.24,	3769704.03,	338.29,	347.32,	0.00)	DC
	3RD HIGHEST VALUE IS	189.91955	AT (459864.24,	3769704.03,	338.43,	347.32,	0.00)	DC
	4TH HIGHEST VALUE IS	183.14285	AT (459814.24,	3769754.03,	345.39,	345.39,	0.00)	DC
	5TH HIGHEST VALUE IS	169.34118	AT (459864.24,	3769754.03,	344.21,	344.21,	0.00)	DC
	6TH HIGHEST VALUE IS	168.87732	AT (459764.24,	3769654.03,	345.76,	347.09,	0.00)	DC
	7TH HIGHEST VALUE IS	135.13097	AT (459814.24,	3769654.03,	346.12,	347.29,	0.00)	DC
	8TH HIGHEST VALUE IS	109.30753	AT (459764.24,	3769754.03,	345.10,	345.10,	0.00)	DC
	9TH HIGHEST VALUE IS	90.19428	AT (459714.24,	3769704.03,	338.27,	347.21,	0.00)	DC
	10TH HIGHEST VALUE IS	85.85166	AT (459864.24,	3769654.03,	343.38,	347.07,	0.00)	DC
SLVRW1	1ST HIGHEST VALUE IS	436.89392	AT (459414.24,	3769204.03,	330.40,	330.40,	0.00)	DC
	2ND HIGHEST VALUE IS	262.08737	AT (459364.24,	3769254.03,	330.57,	330.57,	0.00)	DC
	3RD HIGHEST VALUE IS	215.69377	AT (459364.24,	3769204.03,	329.95,	329.95,	0.00)	DC
	4TH HIGHEST VALUE IS	145.53629	AT (459464.24,	3769204.03,	330.97,	330.97,	0.00)	DC
	5TH HIGHEST VALUE IS	99.64316	AT (459364.24,	3769304.03,	331.43,	331.43,	0.00)	DC
	6TH HIGHEST VALUE IS	98.98672	AT (459368.59,	3769306.97,	331.53,	331.53,	0.00)	DC
	7TH HIGHEST VALUE IS	96.67361	AT (459414.24,	3769154.03,	329.83,	329.83,	0.00)	DC
	8TH HIGHEST VALUE IS	89.38531	AT (459514.24,	3769254.03,	331.72,	331.72,	0.00)	DC
	9TH HIGHEST VALUE IS	89.19208	AT (459513.75,	3769272.77,	332.02,	332.02,	0.00)	DC
	10TH HIGHEST VALUE IS	86.95674	AT (459364.24,	3769154.03,	329.41,	329.41,	0.00)	DC

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
SLVRW2	1ST HIGHEST VALUE IS	453.28189	AT (459414.24,	3769204.03,	330.40,	330.40, 0.00)	DC	
	2ND HIGHEST VALUE IS	210.50271	AT (459464.24,	3769204.03,	330.97,	330.97, 0.00)	DC	
	3RD HIGHEST VALUE IS	154.63676	AT (459364.24,	3769254.03,	330.57,	330.57, 0.00)	DC	
	4TH HIGHEST VALUE IS	141.02086	AT (459364.24,	3769204.03,	329.95,	329.95, 0.00)	DC	
	5TH HIGHEST VALUE IS	119.96785	AT (459514.24,	3769254.03,	331.72,	331.72, 0.00)	DC	
	6TH HIGHEST VALUE IS	116.14275	AT (459513.75,	3769272.77,	332.02,	332.02, 0.00)	DC	
	7TH HIGHEST VALUE IS	103.16915	AT (459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	8TH HIGHEST VALUE IS	100.35850	AT (459414.24,	3769154.03,	329.83,	329.83, 0.00)	DC	
	9TH HIGHEST VALUE IS	87.49407	AT (459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	10TH HIGHEST VALUE IS	81.04667	AT (459368.59,	3769306.97,	331.53,	331.53, 0.00)	DC	
SLVRW3	1ST HIGHEST VALUE IS	328.85218	AT (459414.24,	3769204.03,	330.40,	330.40, 0.00)	DC	
	2ND HIGHEST VALUE IS	316.06633	AT (459464.24,	3769204.03,	330.97,	330.97, 0.00)	DC	
	3RD HIGHEST VALUE IS	169.63984	AT (459514.24,	3769254.03,	331.72,	331.72, 0.00)	DC	
	4TH HIGHEST VALUE IS	155.82297	AT (459513.75,	3769272.77,	332.02,	332.02, 0.00)	DC	
	5TH HIGHEST VALUE IS	129.41245	AT (459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	6TH HIGHEST VALUE IS	107.18415	AT (459514.24,	3769204.03,	331.53,	331.53, 0.00)	DC	
	7TH HIGHEST VALUE IS	103.93765	AT (459538.79,	3769266.66,	331.92,	331.92, 0.00)	DC	
	8TH HIGHEST VALUE IS	103.67485	AT (459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	9TH HIGHEST VALUE IS	102.12467	AT (459364.24,	3769254.03,	330.57,	330.57, 0.00)	DC	
	10TH HIGHEST VALUE IS	97.45156	AT (459364.24,	3769204.03,	329.95,	329.95, 0.00)	DC	
SLVRW4	1ST HIGHEST VALUE IS	444.77949	AT (459464.24,	3769204.03,	330.97,	330.97, 0.00)	DC	
	2ND HIGHEST VALUE IS	257.55290	AT (459514.24,	3769254.03,	331.72,	331.72, 0.00)	DC	
	3RD HIGHEST VALUE IS	215.00831	AT (459513.75,	3769272.77,	332.02,	332.02, 0.00)	DC	
	4TH HIGHEST VALUE IS	210.86923	AT (459414.24,	3769204.03,	330.40,	330.40, 0.00)	DC	
	5TH HIGHEST VALUE IS	161.36988	AT (459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	6TH HIGHEST VALUE IS	148.13486	AT (459514.24,	3769204.03,	331.53,	331.53, 0.00)	DC	
	7TH HIGHEST VALUE IS	139.75498	AT (459538.79,	3769266.66,	331.92,	331.92, 0.00)	DC	
	8TH HIGHEST VALUE IS	120.37887	AT (459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	9TH HIGHEST VALUE IS	118.20853	AT (459541.84,	3769282.95,	332.22,	332.22, 0.00)	DC	
	10TH HIGHEST VALUE IS	97.23078	AT (459542.45,	3769300.25,	332.49,	332.49, 0.00)	DC	
SLVRW5	1ST HIGHEST VALUE IS	451.40849	AT (459464.24,	3769204.03,	330.97,	330.97, 0.00)	DC	
	2ND HIGHEST VALUE IS	431.04926	AT (459514.24,	3769254.03,	331.72,	331.72, 0.00)	DC	
	3RD HIGHEST VALUE IS	299.68305	AT (459513.75,	3769272.77,	332.02,	332.02, 0.00)	DC	
	4TH HIGHEST VALUE IS	214.98791	AT (459514.24,	3769204.03,	331.53,	331.53, 0.00)	DC	
	5TH HIGHEST VALUE IS	195.75200	AT (459538.79,	3769266.66,	331.92,	331.92, 0.00)	DC	
	6TH HIGHEST VALUE IS	194.56760	AT (459513.34,	3769289.46,	332.30,	332.30, 0.00)	DC	
	7TH HIGHEST VALUE IS	152.82970	AT (459541.84,	3769282.95,	332.22,	332.22, 0.00)	DC	
	8TH HIGHEST VALUE IS	138.18146	AT (459414.24,	3769204.03,	330.40,	330.40, 0.00)	DC	
	9TH HIGHEST VALUE IS	134.35426	AT (459514.24,	3769304.03,	332.52,	332.52, 0.00)	DC	
	10TH HIGHEST VALUE IS	121.93430	AT (459564.24,	3769254.03,	331.94,	331.94, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of   0 Fatal Error Message(s)
A Total of   121 Warning Message(s)
A Total of   838 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   40 Calm Hours Identified

A Total of   798 Missing Hours Identified (1.82 Percent)

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

   ********   WARNING MESSAGES   ********
ME W186   894   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   894   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
OU W565   975   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   976   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   977   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   978   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   979   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   980   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   981   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   982   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   983   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   984   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   985   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   986   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   987   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
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OU W565   989   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   990   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   991   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   992   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
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OU W565   994   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
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OU W565   996   OUPLOT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   997   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   998   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
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OU W565   1000   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1001   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1002   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1003   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1004   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1005   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
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OU W565   1007   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1008   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1009   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1010   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1011   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1012   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1013   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1014   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1015   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1016   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1017   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1018   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
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OU W565   1020   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1021   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1022   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE
OU W565   1023   PERPLT: Possible Conflict With Dynamically Allocated FUNIT   PLOTFILE

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OU W565    1024       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
OU W565    1025       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
OU W565    1026       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
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OU W565    1038       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
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OU W565    1079       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
OU W565    1080       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
OU W565    1081       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
OU W565    1082       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
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OU W565    1084       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
OU W565    1085       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
OU W565    1086       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
OU W565    1087       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
OU W565    1088       PERPLT: Possible Conflict With Dynamically Allocated FUNIT     PLOTFILE
MX W438    8800        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12010216
MX W438   11536        METQA: Convective Velocity Data Out-of-Range.  KURDAT =       12042516
MX W420   16779        METQA: Wind Speed Out-of-Range.   KURDAT =                   12113003
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:      15010101
MX W450   26305       CHKDAT: Record Out of Sequence in Meteorological File at:    1 year gap

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

HARP Project Summary Report 8/9/2020 10:54:07 AM

PROJECT INFORMATION
HARP Version: 19121
Project Name: HARP
Project Output Directory: P:\LBB2001\Background\AQ-HRA Model\HARP
HARP Database: NA

POLLUTANT HEALTH INFORMATION
Health Database: C:\HARP2\Tables\HEALTH17320.mdb
Health Table Version: HEALTH19252
Official: True

PolID	PolAbbrev	InhCancer	OralCancer	AcuteREL	InhChronicREL	OralChronicREL	InhChronic8HRREL
9901	DieselExhPM	1.1			5		
88101	PM25						
106990	1,3-Butadiene	0.6		660	2		9
71432	Benzene	0.1		27	3		3
100414	Ethyl Benzene	0.0087			2000		
78933	MEK			13000			
91203	Naphthalene	0.12			9		
115071	Propylene				3000		
100425	Styrene			21000	900		
108883	Toluene			37000	300		
1330207	Xylenes			22000	700		

HARP2 - HRACalc (dated 19044) 8/9/2020 10:51:15 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
P:\LBB2001\Background\AQ-HRA Model\HARP\hra\30-Yr-Rev CancerRisk.csv
Cancer risk total by receptor saved to: P:\LBB2001\Background\AQ-HRA
Model\HARP\hra\30-Yr-Rev CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
P:\LBB2001\Background\AQ-HRA Model\HARP\hra\30-Yr-Rev NCChronicRisk.csv
Chronic risk total by receptor saved to: P:\LBB2001\Background\AQ-HRA
Model\HARP\hra\30-Yr-Rev NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: P:\LBB2001\Background\AQ-
HRA Model\HARP\hra\30-Yr-Rev NCAcuteRisk.csv
Acute risk total by receptor saved to: P:\LBB2001\Background\AQ-HRA
Model\HARP\hra\30-Yr-Rev NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 19044) 8/9/2020 10:49:48 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic8HR
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating chronic 8hr risk
Chronic 8-hr risk breakdown by pollutant and receptor saved to: P:\LBB2001\Background\AQ-HRA Model\HARP\hra\8-Hr-Rev NCChronic8HrRisk.csv
Chronic 8-hr risk total by receptor saved to: P:\LBB2001\Background\AQ-HRA Model\HARP\hra\8-Hr-Rev NCChronic8HrRiskSumByRec.csv
HRA ran successfully