



BRE Space Mira Loma (MA200004)

MOBILE SOURCE HEALTH RISK ASSESSMENT

CITY OF JURUPA VALLEY

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LIST OF ABBREVIATED TERMS

(1)	Reference
µg	Microgram
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
APS	Auxiliary Power System
AQMD	Air Quality Management District
ARB	Air Resources Board
CEQA	California Environmental Quality Act
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EMFAC	Emission Factor Model
EPA	Environmental Protection Agency
HHD	Heavy Heavy-Duty
HI	Hazard Index
HRA	Health Risk Assessment
LHD	Light Heavy-Duty
MATES	Multiple Air Toxics Exposure Study
MEIR	Maximally Exposed Individual Receptor
MEIW	Maximally Exposed Individual Worker
MHD	Medium Heavy-Duty
NAD	North American Datum
OEHHA	Office of Environmental Health Hazard Assessment
PM10	Particulate Matter 10 microns in diameter or less
Project	BRE Space Mira Loma
REL	Reference Exposure Level
RM	Recommended Measures
SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TA	Traffic Analysis
URF	Unit Risk Factor
UTM	Universal Transverse Mercator
VMT	Vehicle Miles Traveled

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EXECUTIVE SUMMARY

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

The results of the health risk assessment (HRA) of lifetime cancer risk from Project-generated TAC emissions are provided in Table ES-1.

Individual Exposure Scenario:

The residential land use with the greatest potential exposure to Project TAC source emissions is Location R4, which represents the existing residence at 10991 Iberia Street, approximately 1,001 feet southeast of the Project site. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project TAC source emissions is estimated at 1.98 in one million, which is less than the South Coast Air Quality Management District's (SCAQMD's) significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 , which would not exceed the applicable significance threshold of 1.0. Because all other modeled residential receptors are exposed to lesser concentrations and are located at a greater distance from the Project site and primary truck route than the MEIR analyzed herein, and TACs generally dissipates with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences.

Worker Exposure Scenario:

The worker receptor land use with the greatest potential exposure to Project TAC source emissions is Location R5, which represents the Triways warehouse facility located at 11201 Iberia Street, approximately 32 feet south of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 1.16 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01 , which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyze herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers.

School Child Exposure Scenario:

There are no schools located within a ¼ mile of the Project site. As such, there would be no significant impacts that would occur to any schools in the vicinity of the Project.

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

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

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

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

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
30 Year Exposure	Maximum Exposed Individual Receptor	1.98	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor	1.16	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor	<0.01	1.0	NO
Annual Average	Maximum Exposed Worker Receptor	<0.01	1.0	NO

1 INTRODUCTION

The South Coast Air Quality Management District (SCAQMD) typically issues a comment letter on the Notice of Preparation of a CEQA Document. Per the SCAQMD's typical comment letter, if a proposed Project is expected to generate/attract diesel trucks, which emit diesel particulate matter (DPM) or other Toxic Air Contaminants (TACs), preparation of a HRA is necessary. This document serves to meet the SCAQMD's request for preparation of a HRA. This HRA has been prepared in accordance with the document Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2) and is comprised of all relevant and appropriate procedures presented by the United States Environmental Protection Agency (U.S. EPA), California EPA and SCAQMD. Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of ten (10) persons per million as the maximum acceptable incremental cancer risk due to TAC exposure from a project such as the proposed Project. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulatively considerable impact.

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

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

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

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

1.1 SITE LOCATION

The proposed project is located at Manitou Court and C Street in the City of Jurupa Valley as shown on Exhibit 1-A. Nearest residential land uses are to the southeast and west of the Project site. The project is bordered to the north, south and east by industrial land uses, with the California State Route 60 approximately 2,330 feet south of the Project site.

1.2 PROJECT DESCRIPTION

The Project is to consist of a Proposed Tentative Parcel Map for 3 parcels and a Major Site Development Permit. The Site Development Permit includes the construction of 3 parcels: Parcel 1 with a 1,379,287-square foot (sf) logistics facility, Parcel 2 with a 560,025-sf logistics facility, and Parcel 3 with the existing 172,800-sf building (which is to remain). The uses proposed on Parcel 1 and Parcel 2 are to replace the existing 9 buildings totaling 1,579,500-sf. Exhibit 1-B illustrates a preliminary site plan for the Project. It is anticipated that the Project will be operational by Year 2022.

At the time this HRA was prepared, the future tenants of the proposed Project were unknown. Because the operating hours of perspective building tenants is not known at this time, this HRA is intended to describe potential toxic emission impacts associated with the expected typical 24-hour, seven day per week operational activities at the Project site, which provides a conservative analysis of impacts.

As summarized in the *BRE Space Mira Loma Traffic Analysis (TA)*, the Project is expected to generate a total of approximately 3,928 two-way vehicular trips per day (1,964 inbound and 1,964 outbound) which includes 908 two-way truck trips per day (454 inbound and 454 outbound). DPM-related impacts are associated with diesel exhaust from the 908 two-way truck trips per day and 434 two-way truck trips with TRUs per day generated by the Project (4).

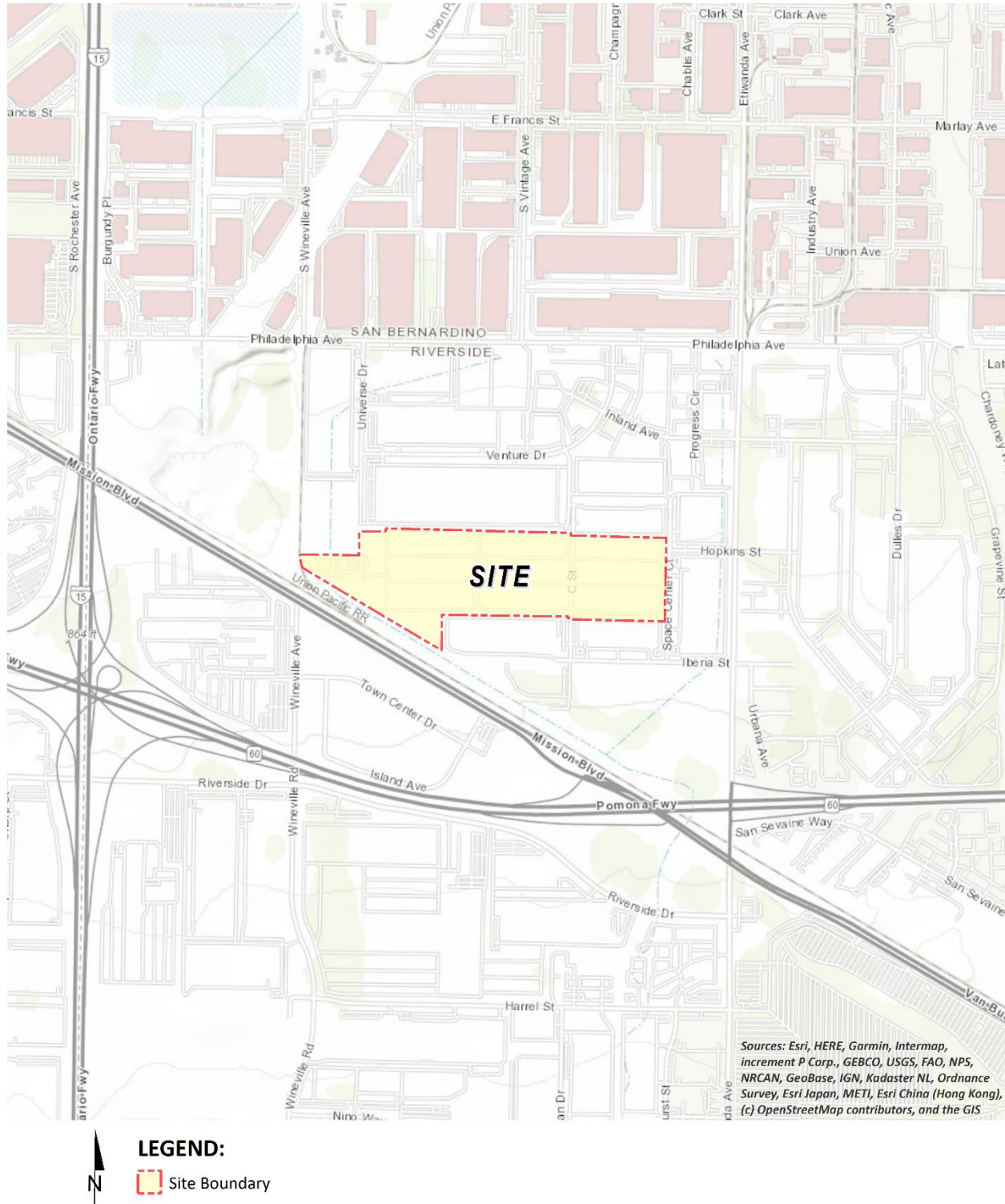
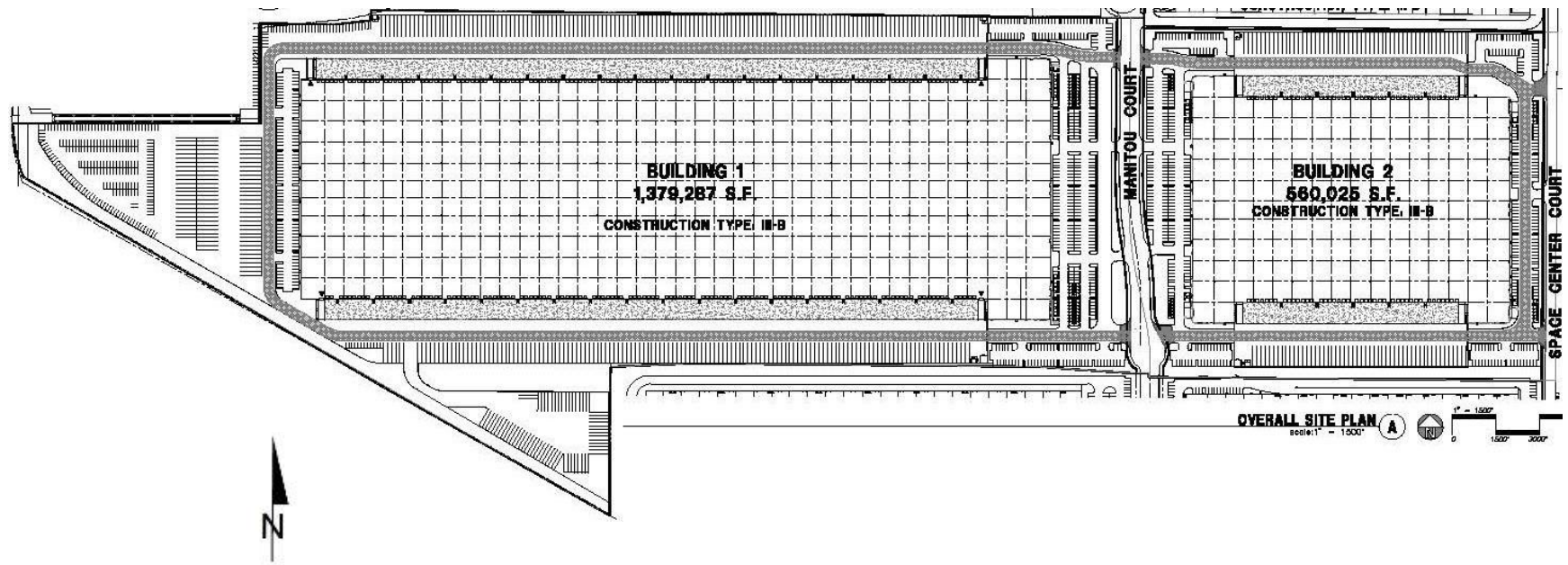
EXHIBIT 1-A: LOCATION MAP

EXHIBIT 1-B: SITE PLAN



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2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

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

- The ARB-adopted diesel exhaust Unit Risk Factor (URF) of 300 in one million per $\mu\text{g}/\text{m}^3$ is based upon the upper 95 percentile of estimated risk for each of the epidemiological studies utilized to develop the URF. Using the 95th percentile URF represents a very conservative (health-protective) risk posed by DPM because it represents breathing rates that are high for the human body (95% higher than the average population).
- The emissions derived assume that every truck accessing the Project site will idle for 15 minutes under the unmitigated scenario, and this is an overestimation of actual idling times and thus conservative.¹ The California Air Resources Board (CARB's) anti-idling requirements impose a 5-minute maximum idling time and therefore the analysis conservatively overestimates DPM emissions from idling by a factor of 3.

2.2 EMISSIONS ESTIMATION

2.2.1 ON-SITE AND OFF-SITE TRUCK ACTIVITY

Vehicle DPM emissions were calculated using emission factors for particulate matter less than $10\mu\text{m}$ in diameter (PM_{10}) generated with the 2017 version of the Emission FACtor model (EMFAC) developed by the CARB. EMFAC 2017 is a mathematical model that CARB developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the ARB to project changes in future emissions from on-road mobile sources (5). The most recent version of this model, EMFAC 2017, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled (VMT) by speed, and number of starts per day.

Several distinct emission processes are included in EMFAC 2017. Emission factors calculated using EMFAC 2017 are expressed in units of grams per vehicle miles traveled (g/VMT) or grams per idle-hour (g/idle-hr), depending on the emission process. The emission processes and corresponding emission factor units associated with diesel particulate exhaust for this Project are presented below.

For this Project, annual average PM_{10} emission factors were generated by running EMFAC 2017 in EMFAC Mode for vehicles in the Riverside County jurisdiction. The EMFAC Mode generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a

¹ Although the Project is required to comply with ARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions should be estimated for 15 minutes of truck idling (personal communication, in person, with Jillian Wong, December 22, 2016), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc.

matrix of emission factors at specific values of temperature, relative humidity, and vehicle speed. The model was run for speeds traveled in the vicinity of the Project. The vehicle travel speeds for each segment modeled are summarized below.

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

Calculated emission factors are shown at Table 2-1. As a conservative measure, a 2022 EMFAC 2017 run was conducted and a static 2022 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2022 emission factors would overstate potential impacts since this approach assumes that emission factors remain “static” and do not change over time due to fleet turnover or cleaner technology with lower emissions that would be incorporated into vehicles after 2022. Additionally, based on EMFAC 2017, Light-Heavy-Duty Trucks are comprised of 50.7% diesel, Medium-Heavy-Duty Trucks are comprised of 89.9% diesel, and Heavy-Heavy-Duty Trucks are comprised of 98.3% diesel. Trucks fueled by diesel are accounted for by these percentages accordingly in the emissions factor generation. Appendix 2.1 includes additional details on the emissions estimates from EMFAC.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM₁₀ emission factor (g/VMT) from EMFAC over the total distance traveled. The following equation was used to estimate off-site emissions for each of the different vehicle classes comprising the mobile sources (6):

$$\text{Emissions}_{\text{SpeedA}} \text{ (g/s)} = \text{EF}_{\text{RunExhaust}} \text{ (g/VMT)} * \text{Distance (VMT/trip)} * \text{Number of Trips (trips/day)} / \text{seconds per day}$$

Where:

$\text{Emissions}_{\text{SpeedA}}$ (g/s): Vehicle emissions at a given speed A;

$\text{EF}_{\text{RunExhaust}}$ (g/VMT): EMFAC running exhaust PM₁₀ emission factor at speed A;

Distance (VMT/trip): Total distance traveled per trip.

Similar to off-site traffic, on-site vehicle running emissions were calculated by applying the running exhaust PM₁₀ emission factor (g/VMT) from EMFAC and the total vehicle trip number over the length of the driving path using the same formula presented above for on-site emissions. In addition, on-site vehicle idling exhaust emissions were calculated by applying the idle exhaust PM₁₀ emission factor (g/idle-hr) from EMFAC and the total truck trip over the total assumed idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes (6):

$$\text{Emissions}_{\text{Idle}} \text{ (g/s)} = \text{EF}_{\text{Idle}} \text{ (g/hr)} * \text{Number of Trips (trips/day)} * \text{Idling Time (min/trip)} * \frac{60 \text{ minutes}}{\text{per hour}} / \text{seconds per day}$$

Where:

Emissions_{idle} (g/s): Vehicle emissions during idling;

EF_{idle}(g/s): EMFAC idle exhaust PM₁₀ emission factor.

TABLE 2-1: 2022 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Speed	Weighted Average
0 (idling)	0.11477 (g/idle-hr)
5	0.04425 (g/s)
25	0.01875 (g/s)

Each roadway was modeled as a line source (made up of multiple adjacent volume sources). Due to the large number of volume sources modeled for this analysis, the corresponding coordinates of each volume source have not been included in this report but are included in Appendix 2.3. The DPM emission rate for each volume source was calculated by multiplying the emission factor (based on the average travel speed along the roadway) by the number of trips and the distance traveled along each roadway segment and dividing the result by the number of volume sources along that roadway, as illustrated on Table 2-2. The modeled emission sources are illustrated on Exhibit 2-A. The modeling domain is limited to the Project's primary truck route and includes off-site sources in the study area for more than 1 mile. This modeling domain is more inclusive and conservative than using only a ¼ mile modeling domain which is the distance supported by several reputable studies which conclude that the greatest potential risks occur within a ¼ mile of the primary source of emissions (1) (in the case of the Project, the primary source of emissions is the on-site idling and on-site travel).

On-site truck idling was estimated to occur as trucks enter and travel through the Project site. Although the Project's diesel-fueled truck and equipment operators will be required by State law to comply with CARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions be calculated assuming 15 minutes of truck idling (7), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc. As such, this analysis calculates truck idling at 15 minutes, consistent with SCAQMD's recommendation.

As summarized in the TA, the Project is expected to generate a total of approximately 3,928 two-way vehicular trips per day (1,964 inbound and 1,964 outbound) which includes 908 two-way truck trips per day (454 inbound and 454 outbound). DPM-related impacts are associated with diesel exhaust from the 908 two-way truck trips per day and 434 two-way truck trips with TRUs per day generated by the Project (4).

EXHIBIT 2-A: MODELED EMISSION SOURCES

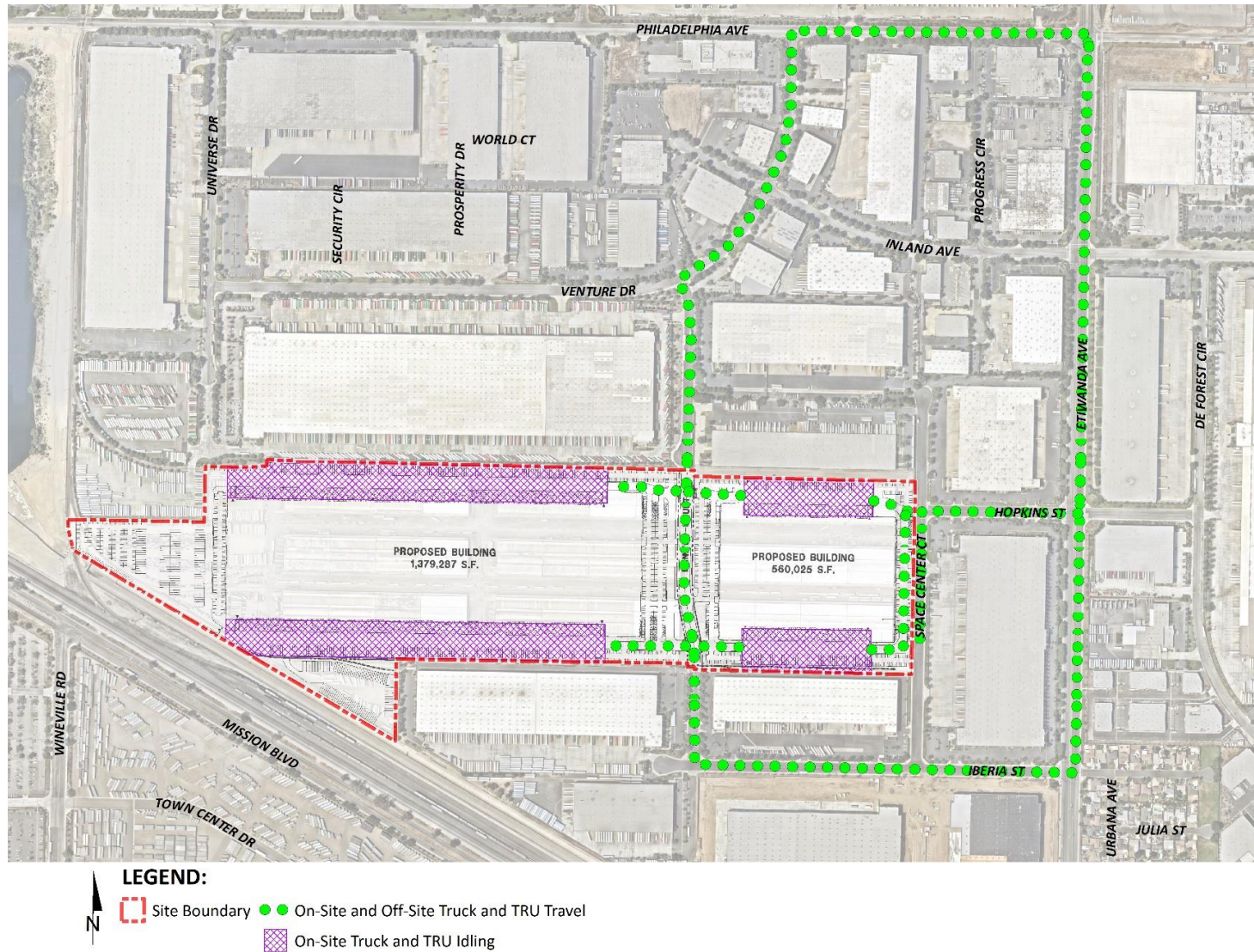


TABLE 2-2: DPM EMISSIONS FROM PROJECT TRUCKS (2022 ANALYSIS YEAR)

Truck Emission Rates						
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Truck Emission Rate ^b (grams/idle-hour)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling Building 1 North Side	69			0.1148	9.58	1.109E-04
On-Site Idling Building 1 South Side	69			0.1148	9.58	1.109E-04
On-Site Idling Building 2 North Side	159			0.1148	12.67	1.466E-04
On-Site Idling Building 2 South Side	159			0.1148	12.67	1.466E-04
On-Site Travel Building 1 North Side	137	39.55	0.0442		3.51	4.060E-05
On-Site Travel Building 1 South Side	137	37.72	0.0442		3.35	3.872E-05
On-Site Travel Building 2 North Side	317	146.31	0.0442		9.47	1.096E-04
On-Site Travel Building 2 South Side	317	142.31	0.0442		9.21	1.066E-04
Off-Site Travel 5% Dwy. 4	45	55.61	0.0187		1.35	1.564E-05
Off-Site Travel 38% Dwy. 4	345	326.21	0.0187		7.92	9.172E-05
Off-Site Travel 42% Dwy. 4	381	303.17	0.0187		7.36	8.524E-05
Off-Site Travel 8% Dwy. 5	73	46.02	0.0187		1.12	1.294E-05
Off-Site Travel 7% Dwy. 7	64	49.35	0.0187		1.20	1.387E-05

^a Vehicle miles traveled are for modeled truck route only.

^b Emission rates determined using EMFAC 2017. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

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

2.2.2 TRANSPORT REFRIGERATION UNITS (TRUs)

In order to account for the possibility of refrigerated uses, trucks associated with the cold-storage land use are assumed to also have TRUs. Therefore, for modeling purposes 434 two-way truck trips have the potential to include TRUs. TRUs are accounted for during on-site and off-site travel. The TRU calculations are based on the 2017 Off-road Emissions model, version 1.0.1 (Orion), developed by the CARB. Orion does not provide emission rates per hour or mile as with the on-road emission model and only provides emission inventories. Emission results are produced in tons per day while all activity, fuel consumption and horsepower hours were reported at annual levels. The emission inventory is based on specific assumptions including the average horsepower rating of specific types of equipment and the hours of operation annually. These assumptions are not always consistent with assumptions used in the modeling of project level emissions. Therefore, the emissions inventory was converted into emission rates to accurately calculate emissions from TRU operation associated with project level details. This was accomplished by converting the annual horsepower hours to daily operational characteristics and converting the daily emission levels into hourly emission rates based on the total emission of each criteria pollutant by equipment type and the average daily hours of operation. As such, DPM TRU emissions are calculated at 0.29 grams per hour for on-site idling and off-site travel (see Appendix 2.2 for additional calculation details).

2.3 EXPOSURE QUANTIFICATION

The analysis herein has been conducted in accordance with the guidelines in the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2). SCAQMD recommends using the Environmental Protection Agency's (U.S. EPA's) AERMOD model. For purposes of this analysis, the Lakes AERMOD View (Version 9.9.0) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 19191 (8).

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

SCAQMD-recommended model parameters are presented in Table 2-3 (9). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's Riverside Airport (KRAL) monitoring station (SRA 23) was used to represent local weather conditions and prevailing winds (10). A wind rose exhibit of the KRAL monitoring station is provided at Exhibit 2-B.

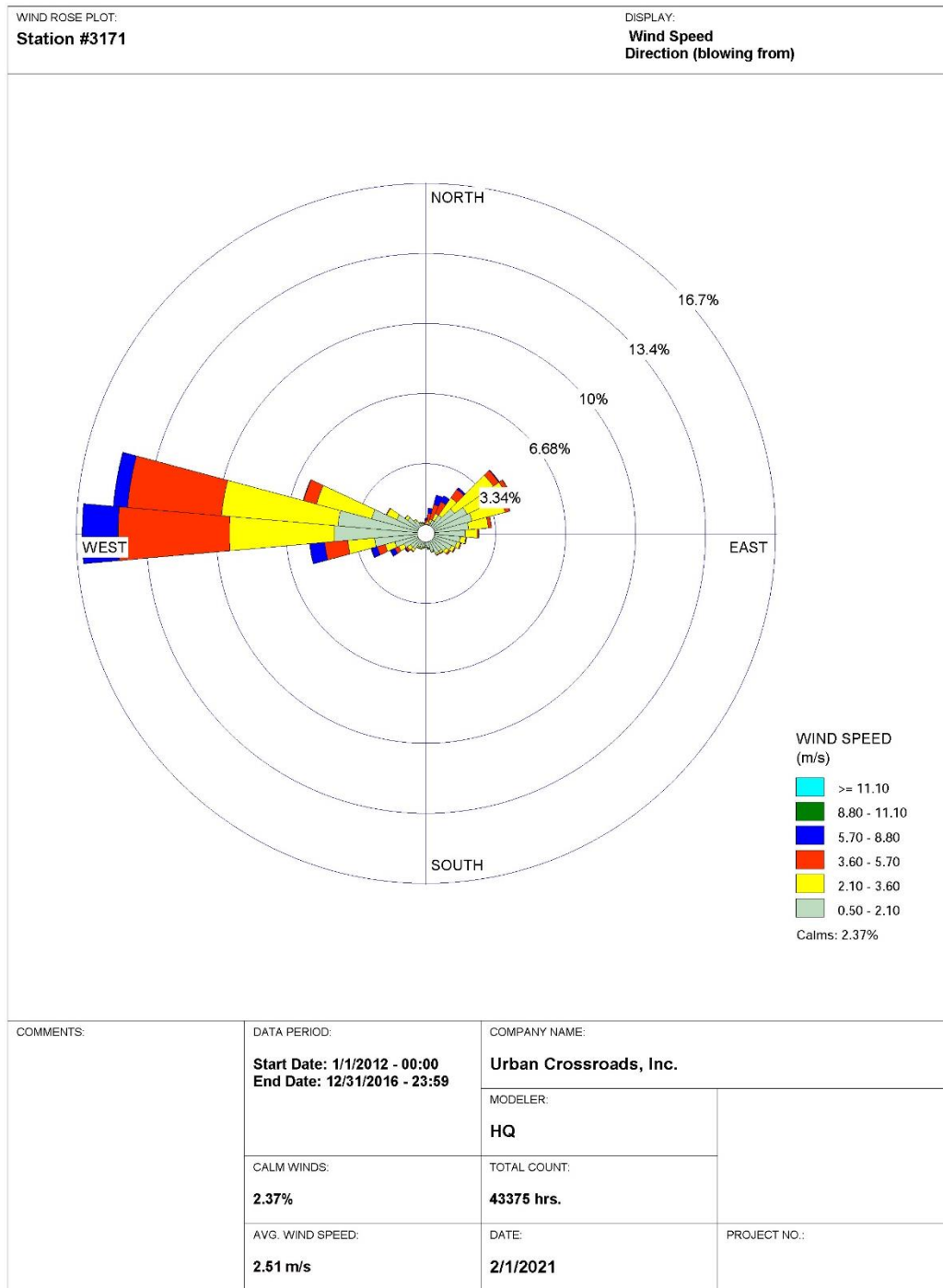
EXHIBIT 2-B: WIND ROSE (SRA 23)

TABLE 2-3: AERMOD MODEL PARAMETERS

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

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

Receptors may be placed at applicable structure locations for residential and worker property and not necessarily the boundaries of the properties containing these uses because the human receptors (residents and workers) spend a majority of their time at the residence or in the workplace's building, and not on the property line. It should be noted that the primary purpose of receptor placement is focused on long-term exposure. For example, the HRA evaluates the potential health risks to residents and workers over a period of 30 or 25 years of exposure, respectively. Notwithstanding, as a conservative measure, receptors were placed at either the outdoor living area or the building façade, whichever is closer to the Project site.

For purposes of this HRA, receptors include both residential and non-residential (worker) land uses in the vicinity of the Project. These receptors are included in the HRA since residents and workers may be exposed at these locations over a long-term duration of 30 and 25 years, respectively. This methodology is consistent with SCAQMD and OEHHA recommended guidance.

Any impacts to residents or workers located further away from the Project site than the modeled residential and workers would have a lesser impact than what has already been disclosed in the HRA at the MEIR and MEIW because concentrations dissipate with distance.

Consistent with SCAQMD modeling guidance, all receptors were set to existing elevation height so that only ground-level concentrations are analyzed (11). United States Geological Survey (USGS) Digital Elevation Model (DEM) terrain data based on a 7.5-minute topographic quadrangle map series using AERMAP was utilized in the HRA modeling to set elevations.

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Tables 2-4 and 2-5 summarize the Exposure Parameters for Residents and Workers based on 2015 OEHHA Guidelines. Appendix 2.4 includes the detailed risk calculation.

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

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
-0.25 to 0	361	10	0.25	0.85	350	24
0 to 2	1090	10	2	0.85	350	24
2 to 16	572	3	14	0.72	350	24
16 to 30	261	1	14	0.73	350	24

TABLE 2-5: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (25 YEAR WORKER)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Exposure Frequency (days/year)	Exposure Time (hours/day)
16 to 41	230	1	25	250	12

2.4 CARCINOGENIC CHEMICAL RISK

The SCAQMD CEQA Air Quality Handbook (1993) states that emissions of toxic air contaminants (TACs) are considered significant if a HRA shows an increased risk of greater than 10 in one million. Based on guidance from the SCAQMD in the document Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2), for purposes of this analysis, 10 in one million is used as the cancer risk threshold for the proposed Project.

Excess cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a unitless probability. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 10 in one million implies a likelihood that up to 10 people, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of toxic air contaminants over a specified duration of time.

Guidance from CARB and the California Environmental Protection Agency, Office of Environmental Health Hazard Assessment (OEHHA) recommends a refinement to the standard point estimate approach when alternate human body weights and breathing rates are utilized to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose. Once determined, contaminant dose is multiplied by the cancer potency factor (CPF) in units of inverse dose expressed in milligrams per kilogram per day (mg/kg/day)⁻¹ to derive the cancer risk estimate. Therefore, to assess exposures, the following dose algorithm was utilized.

$$\text{DOSE}_{\text{air}} = (\text{C}_{\text{air}} \times [\text{BR}/\text{BW}] \times A \times \text{EF}) \times (1 \times 10^{-6})$$

Where:

DOSE_{air} = chronic daily intake (mg/kg/day)

C_{air} = concentration of contaminant in air (ug/m³)

$[\text{BR}/\text{BW}]$ = daily breathing rate normalized to body weight (L/kg BW-day)

A = inhalation absorption factor

EF = exposure frequency (days/365 days)

BW = body weight (kg)

1×10^{-6} = conversion factors (ug to mg, L to m³)

$$\text{RISK}_{\text{air}} = \text{DOSE}_{\text{air}} \times \text{CPF} \times \text{ED}/\text{AT}$$

Where:

DOSE_{air} = chronic daily intake (mg/kg/day)

CPF = cancer potency factor

ED = number of years within particular age group

AT = averaging time

2.5 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or Reference Exposure Level (REL). The REL for diesel particulates was obtained from OEHHA for this analysis. The chronic reference exposure level (REL) for DPM was established by OEHHA as 5 µg/m³ (OEHHA Toxicity Criteria Database, <http://www.oehha.org/risk/chemicaldb/index.asp>).

The non-cancer hazard index was calculated (consistent with SCAQMD methodology) as follows:

The relationship for the non-cancer health effects of DPM is given by the following equation:

$$\text{HI}_{\text{DPM}} = \text{C}_{\text{DPM}}/\text{REL}_{\text{DPM}}$$

Where:

HI_{DPM} = Hazard Index; an expression of the potential for non-cancer health effects.

C_{DPM} = Annual average DPM concentration (µg/m³).

REL_{DPM} = Reference exposure level (REL) for DPM; the DPM concentration at which no adverse health effects are anticipated.

For purposes of this analysis the hazard index for the respiratory endpoint totaled less than one for all receptors in the project vicinity, and thus is less than significant.

2.6 POTENTIAL PROJECT-RELATED TAC SOURCE CANCER AND NON-CANCER RISKS

Individual Exposure Scenario:

The residential land use with the greatest potential exposure to Project TAC source emissions is Location R4, which represents the existing residence at 10991 Iberia Street, approximately 1,001 feet southeast of the Project site. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project TAC source emissions is estimated at 1.98 in one million, which is less than the South Coast Air Quality Management District's (SCAQMD's) significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 , which would not exceed the applicable significance threshold of 1.0. Because all other modeled residential receptors are exposed to lesser concentrations and are located at a greater distance from the Project site and primary truck route than the MEIR analyzed herein, and TACs generally dissipates with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences. The nearest modeled receptors are illustrated on Exhibit 2-C.

Worker Exposure Scenario²:

The worker receptor land use with the greatest potential exposure to Project TAC source emissions is Location R5, which represents the Triways warehouse facility located at 11201 Iberia Street, approximately 32 feet south of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 1.16 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01 , which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyze herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The nearest modeled receptors are illustrated on Exhibit 2-C.

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

School Child Exposure Scenario:

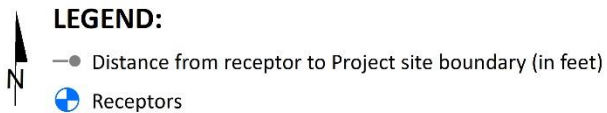
There are no schools located within a ¼ mile of the Project site. As such, there would be no significant impacts that would occur to any schools in the vicinity of the Project.

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

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

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

EXHIBIT 2-C: MODELED RECEPTORS



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3 REFERENCES

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http://www.aqmd.gov/ceqa/handbook/mobile_toxic/mobile_toxic.html.
3. **Goss, Tracy A and Kroeger, Amy.** White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution. [Online] South Coast Air Quality Management District, 2003. [Cited: June 6, 2019.] <http://www.aqmd.gov/docs/default-source/Agendas/Environmental-Justice/cumulative-impacts-working-group/cumulative-impacts-white-paper.pdf?sfvrsn=2>.
4. **Urban Crossroads, Inc.** *BRE Space Traffic Analysis.* 2020.
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https://www3.epa.gov/ttn/scram/models/aermod/aermod_userguide.pdf.
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11. —. South Coast AQMD Modeling Guidance for AERMOD. [Online] [Cited: September 18, 2019.] <http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance>.

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4 CERTIFICATIONS

The contents of this health risk assessment represent an accurate depiction of the impacts to sensitive receptors associated with the proposed BRE Space Mira Loma Project. The information contained in this health risk assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me at (949) 660-1994.

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EDUCATION

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

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

PROFESSIONAL AFFILIATIONS

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

PROFESSIONAL CERTIFICATIONS

Environmental Site Assessment – American Society for Testing and Materials • June 2013
Planned Communities and Urban Infill – Urban Land Institute • June 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April 2008
Principles of Ambient Air Monitoring – California Air Resources Board • August 2007
AB2588 Regulatory Standards – Trinity Consultants • November 2006
Air Dispersion Modeling – Lakes Environmental • June 2006

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APPENDIX 2.1:

EMFAC EMISSIONS SUMMARY

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**AVERAGE EMISSION FACTOR
RIVERSIDE COUNTY 2022**

Speed	LHD1	MHD	HHD
0	0.398792	0.132266	0.01477
5	0.038874	0.063182	0.04273
25	0.013943	0.032124	0.01802

Speed	Weighted Average Emissions
0	0.11477
5	0.04425
25	0.01875

Emission Rates - 2022 Emission Factors

Truck Emission Rates						
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Truck Emission Rate ^b (grams/idle-hour)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling Building 1 North Side	69			0.1148	9.58	1.109E-04
On-Site Idling Building 1 South Side	69			0.1148	9.58	1.109E-04
On-Site Idling Building 2 North Side	159			0.1148	12.67	1.466E-04
On-Site Idling Building 2 South Side	159			0.1148	12.67	1.466E-04
On-Site Travel Building 1 North Side	137	39.55	0.0442		3.51	4.060E-05
On-Site Travel Building 1 South Side	137	37.72	0.0442		3.35	3.872E-05
On-Site Travel Building 2 North Side	317	146.31	0.0442		9.47	1.096E-04
On-Site Travel Building 2 South Side	317	142.31	0.0442		9.21	1.066E-04
Off-Site Travel 5% Dwy. 4	45	55.61	0.0187		1.35	1.564E-05
Off-Site Travel 38% Dwy. 4	345	326.21	0.0187		7.92	9.172E-05
Off-Site Travel 42% Dwy. 4	381	303.17	0.0187		7.36	8.524E-05
Off-Site Travel 8% Dwy. 5	73	46.02	0.0187		1.12	1.294E-05
Off-Site Travel 7% Dwy. 7	64	49.35	0.0187		1.20	1.387E-05

^a Vehicle miles traveled are for modeled truck route only.

^b Emission rates determined using EMFAC 2017. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

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

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_rate
2022	Annual	Riverside (SC)	HHDT	Dsl	60	70	RUNEX	5	PM10	0.043461
2022	Annual	Riverside (SC)	HHDT	Dsl	60	70	RUNEX	25	PM10	0.018326
2022	Annual	Riverside (SC)	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.076718
2022	Annual	Riverside (SC)	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.027515
2022	Annual	Riverside (SC)	MHDT	Dsl	60	70	RUNEX	5	PM10	0.070223
2022	Annual	Riverside (SC)	MHDT	Dsl	60	70	RUNEX	25	PM10	0.035704
2022	Annual	Riverside (SC)	HHDT	Dsl			IDLEX		PM10	0.015028
2022	Annual	Riverside (SC)	LHDT1	Dsl			IDLEX		PM10	0.78701
2022	Annual	Riverside (SC)	MHDT	Dsl			IDLEX		PM10	0.147006

Source: EMFAC2017 (v1.0.3) Emissions Inventory

Region Type: Sub-Area

Region: Riverside (SC)

Calendar Year: 2022

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/year for VMT, trips/year for Trips, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population
Riverside	2022	HHDT	Aggregate	Aggregate	Gasoline	6.576938
Riverside	2022	HHDT	Aggregate	Aggregate	Diesel	15714.37
Riverside	2022	HHDT	Aggregate	Aggregate	Natural Ga	263.7933
Riverside	2022	LHDT1	Aggregate	Aggregate	Gasoline	15417.56
Riverside	2022	LHDT1	Aggregate	Aggregate	Diesel	15837.5
Riverside	2022	MHDT	Aggregate	Aggregate	Gasoline	1326.927
Riverside	2022	MHDT	Aggregate	Aggregate	Diesel	11907.67

HHDT% GAS/NG	0.016914
HHDT% DSL	0.983086
LHDT1% GAS	0.493282
LHDT1% DSL	0.506718
MHDT% GAS	0.100262
MHDT% DSL	0.899738

APPENDIX 2.2:

TRU EMISSIONS CALCULATIONS

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TRU Type

TRU - Instate Trailer TRU

▼

2

Number of Units

118

Operating Time Each Unit

4

TRU Type

TRU - Instate Truck TRU

▼

3

Number of Units

99

Operating Time Each Unit

4

TRU Type

TRU - Instate Truck TRU

▼

3

Number of Units

0

Operating Time Each Unit

4

TRU Type

TRU - Instate Van TRU

▼

1

Number of Units

0

Operating Time Each Unit

4

Unit	Emissions Pounds per Day						Annual
	ROG	NO _x	CO	SOX	PM10	PM2.5	MT CO ₂
TRU - Instate Trailer TRU	1.97	15.85	24.26	0.00	0.25	0.23	373.49
TRU - Instate Truck TRU	0.79	7.70	6.42	0.00	0.31	0.29	154.00
TRU - Instate Truck TRU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRU - Instate Van TRU	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.29 g/hr

APPENDIX 2.3:

AERMOD MODEL INPUT/OUTPUT

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```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 9.9.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 2/8/2021
** FILE: C:\LAKES\AERMOD VIEW\13575-03 OPS HRA\13575-03 OPS HRA.ADI
**
*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**
CO STARTING
  TITLEONE C:\LAKES\AERMOD VIEW\13575-03 OPS HRA\13575-03 OPS HRA.ISC
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2189641
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "13575-03 OPS HRA.ERR"
CO FINISHED
**
*****
** AERMOD SOURCE PATHWAY
*****
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** -----
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC ON-SITE IDLING BUILDING 1 NOTH SIDE
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0001109
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 2
** 451060.613, 3765229.466, 248.72, 3.49, 4.00
** 451256.473, 3765228.472, 248.72, 3.49, 4.00
** -----

```

LOCATION	L0003073	VOLUME	451064.908	3765229.444	248.75
LOCATION	L0003074	VOLUME	451073.498	3765229.401	248.75
LOCATION	L0003075	VOLUME	451082.088	3765229.357	248.75
LOCATION	L0003076	VOLUME	451090.678	3765229.314	248.75
LOCATION	L0003077	VOLUME	451099.268	3765229.270	248.75
LOCATION	L0003078	VOLUME	451107.857	3765229.226	248.75
LOCATION	L0003079	VOLUME	451116.447	3765229.183	248.75
LOCATION	L0003080	VOLUME	451125.037	3765229.139	248.75
LOCATION	L0003081	VOLUME	451133.627	3765229.096	248.74
LOCATION	L0003082	VOLUME	451142.217	3765229.052	248.74
LOCATION	L0003083	VOLUME	451150.807	3765229.008	248.74
LOCATION	L0003084	VOLUME	451159.397	3765228.965	248.74
LOCATION	L0003085	VOLUME	451167.987	3765228.921	248.74
LOCATION	L0003086	VOLUME	451176.577	3765228.878	248.74
LOCATION	L0003087	VOLUME	451185.166	3765228.834	248.74
LOCATION	L0003088	VOLUME	451193.756	3765228.790	248.74
LOCATION	L0003089	VOLUME	451202.346	3765228.747	248.74
LOCATION	L0003090	VOLUME	451210.936	3765228.703	248.74
LOCATION	L0003091	VOLUME	451219.526	3765228.660	248.74
LOCATION	L0003092	VOLUME	451228.116	3765228.616	248.74
LOCATION	L0003093	VOLUME	451236.706	3765228.572	248.74
LOCATION	L0003094	VOLUME	451245.296	3765228.529	248.74
LOCATION	L0003095	VOLUME	451253.886	3765228.485	248.74

** END OF LINE VOLUME SOURCE ID = SLINE1

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE2

** DESCRSRC ON-SITE IDLING BUILDING 1 SOUTH SIDE

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.0001109

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 451056.636, 3765033.608, 247.08, 3.49, 4.00

** 451257.467, 3765032.614, 247.11, 3.49, 4.00

**

LOCATION	L0003096	VOLUME	451060.931	3765033.587	247.06
LOCATION	L0003097	VOLUME	451069.521	3765033.544	247.06
LOCATION	L0003098	VOLUME	451078.111	3765033.502	247.06
LOCATION	L0003099	VOLUME	451086.701	3765033.459	247.06
LOCATION	L0003100	VOLUME	451095.291	3765033.417	247.06
LOCATION	L0003101	VOLUME	451103.880	3765033.374	247.06
LOCATION	L0003102	VOLUME	451112.470	3765033.332	247.06
LOCATION	L0003103	VOLUME	451121.060	3765033.289	247.06
LOCATION	L0003104	VOLUME	451129.650	3765033.246	247.06
LOCATION	L0003105	VOLUME	451138.240	3765033.204	247.06
LOCATION	L0003106	VOLUME	451146.830	3765033.161	247.06
LOCATION	L0003107	VOLUME	451155.420	3765033.119	247.06

LOCATION L0003108	VOLUME	451164.010	3765033.076	247.06
LOCATION L0003109	VOLUME	451172.600	3765033.034	247.06
LOCATION L0003110	VOLUME	451181.189	3765032.991	247.06
LOCATION L0003111	VOLUME	451189.779	3765032.949	247.06
LOCATION L0003112	VOLUME	451198.369	3765032.906	247.06
LOCATION L0003113	VOLUME	451206.959	3765032.864	247.06
LOCATION L0003114	VOLUME	451215.549	3765032.821	247.06
LOCATION L0003115	VOLUME	451224.139	3765032.779	247.06
LOCATION L0003116	VOLUME	451232.729	3765032.736	247.05
LOCATION L0003117	VOLUME	451241.319	3765032.694	247.05
LOCATION L0003118	VOLUME	451249.909	3765032.651	247.05

** END OF LINE VOLUME SOURCE ID = SLINE2

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE3

** DESCRSRC ON-SITE IDLING BUILDING 2 NORTH SIDE

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.0001466

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 450247.347, 3765256.311, 249.93, 3.49, 4.00

** 450830.950, 3765248.357, 249.02, 3.49, 4.00

**

LOCATION L0003119	VOLUME	450251.642	3765256.252	249.91
LOCATION L0003120	VOLUME	450260.231	3765256.135	249.82
LOCATION L0003121	VOLUME	450268.820	3765256.018	249.74
LOCATION L0003122	VOLUME	450277.409	3765255.901	249.65
LOCATION L0003123	VOLUME	450285.998	3765255.784	249.56
LOCATION L0003124	VOLUME	450294.588	3765255.667	249.47
LOCATION L0003125	VOLUME	450303.177	3765255.550	249.39
LOCATION L0003126	VOLUME	450311.766	3765255.433	249.33
LOCATION L0003127	VOLUME	450320.355	3765255.316	249.33
LOCATION L0003128	VOLUME	450328.944	3765255.199	249.33
LOCATION L0003129	VOLUME	450337.534	3765255.082	249.33
LOCATION L0003130	VOLUME	450346.123	3765254.964	249.32
LOCATION L0003131	VOLUME	450354.712	3765254.847	249.32
LOCATION L0003132	VOLUME	450363.301	3765254.730	249.31
LOCATION L0003133	VOLUME	450371.890	3765254.613	249.31
LOCATION L0003134	VOLUME	450380.480	3765254.496	249.31
LOCATION L0003135	VOLUME	450389.069	3765254.379	249.31
LOCATION L0003136	VOLUME	450397.658	3765254.262	249.31
LOCATION L0003137	VOLUME	450406.247	3765254.145	249.30
LOCATION L0003138	VOLUME	450414.836	3765254.028	249.30
LOCATION L0003139	VOLUME	450423.426	3765253.911	249.30
LOCATION L0003140	VOLUME	450432.015	3765253.794	249.30
LOCATION L0003141	VOLUME	450440.604	3765253.677	249.30
LOCATION L0003142	VOLUME	450449.193	3765253.560	249.30

LOCATION	L0003143	VOLUME	450457.782	3765253.443	249.30
LOCATION	L0003144	VOLUME	450466.372	3765253.326	249.30
LOCATION	L0003145	VOLUME	450474.961	3765253.209	249.29
LOCATION	L0003146	VOLUME	450483.550	3765253.092	249.29
LOCATION	L0003147	VOLUME	450492.139	3765252.974	249.29
LOCATION	L0003148	VOLUME	450500.728	3765252.857	249.29
LOCATION	L0003149	VOLUME	450509.318	3765252.740	249.29
LOCATION	L0003150	VOLUME	450517.907	3765252.623	249.29
LOCATION	L0003151	VOLUME	450526.496	3765252.506	249.29
LOCATION	L0003152	VOLUME	450535.085	3765252.389	249.29
LOCATION	L0003153	VOLUME	450543.675	3765252.272	249.29
LOCATION	L0003154	VOLUME	450552.264	3765252.155	249.28
LOCATION	L0003155	VOLUME	450560.853	3765252.038	249.28
LOCATION	L0003156	VOLUME	450569.442	3765251.921	249.28
LOCATION	L0003157	VOLUME	450578.031	3765251.804	249.28
LOCATION	L0003158	VOLUME	450586.621	3765251.687	249.28
LOCATION	L0003159	VOLUME	450595.210	3765251.570	249.28
LOCATION	L0003160	VOLUME	450603.799	3765251.453	249.28
LOCATION	L0003161	VOLUME	450612.388	3765251.336	249.28
LOCATION	L0003162	VOLUME	450620.977	3765251.219	249.27
LOCATION	L0003163	VOLUME	450629.567	3765251.102	249.27
LOCATION	L0003164	VOLUME	450638.156	3765250.984	249.27
LOCATION	L0003165	VOLUME	450646.745	3765250.867	249.27
LOCATION	L0003166	VOLUME	450655.334	3765250.750	249.27
LOCATION	L0003167	VOLUME	450663.923	3765250.633	249.27
LOCATION	L0003168	VOLUME	450672.513	3765250.516	249.27
LOCATION	L0003169	VOLUME	450681.102	3765250.399	249.27
LOCATION	L0003170	VOLUME	450689.691	3765250.282	249.26
LOCATION	L0003171	VOLUME	450698.280	3765250.165	249.26
LOCATION	L0003172	VOLUME	450706.869	3765250.048	249.26
LOCATION	L0003173	VOLUME	450715.459	3765249.931	249.26
LOCATION	L0003174	VOLUME	450724.048	3765249.814	249.26
LOCATION	L0003175	VOLUME	450732.637	3765249.697	249.23
LOCATION	L0003176	VOLUME	450741.226	3765249.580	249.17
LOCATION	L0003177	VOLUME	450749.815	3765249.463	249.10
LOCATION	L0003178	VOLUME	450758.405	3765249.346	249.03
LOCATION	L0003179	VOLUME	450766.994	3765249.229	249.02
LOCATION	L0003180	VOLUME	450775.583	3765249.112	249.02
LOCATION	L0003181	VOLUME	450784.172	3765248.994	249.02
LOCATION	L0003182	VOLUME	450792.761	3765248.877	249.02
LOCATION	L0003183	VOLUME	450801.351	3765248.760	249.02
LOCATION	L0003184	VOLUME	450809.940	3765248.643	249.02
LOCATION	L0003185	VOLUME	450818.529	3765248.526	249.02
LOCATION	L0003186	VOLUME	450827.118	3765248.409	249.02

** END OF LINE VOLUME SOURCE ID = SLINE3

** -----

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE4

** DESCRSRC ON-SITE IDLING BUILDING 2 SOUTH SIDE

** PREFIX

```

** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0001466
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 2
** 450249.161, 3765042.086, 247.79, 3.49, 4.00
** 450828.852, 3765036.120, 247.11, 3.49, 4.00
** -----

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LOCATION L0003187	VOLUME	450253.456	3765042.042	247.75
LOCATION L0003188	VOLUME	450262.046	3765041.953	247.74
LOCATION L0003189	VOLUME	450270.635	3765041.865	247.73
LOCATION L0003190	VOLUME	450279.225	3765041.777	247.71
LOCATION L0003191	VOLUME	450287.814	3765041.688	247.64
LOCATION L0003192	VOLUME	450296.404	3765041.600	247.56
LOCATION L0003193	VOLUME	450304.993	3765041.511	247.49
LOCATION L0003194	VOLUME	450313.583	3765041.423	247.45
LOCATION L0003195	VOLUME	450322.173	3765041.335	247.47
LOCATION L0003196	VOLUME	450330.762	3765041.246	247.48
LOCATION L0003197	VOLUME	450339.352	3765041.158	247.50
LOCATION L0003198	VOLUME	450347.941	3765041.069	247.50
LOCATION L0003199	VOLUME	450356.531	3765040.981	247.50
LOCATION L0003200	VOLUME	450365.120	3765040.893	247.50
LOCATION L0003201	VOLUME	450373.710	3765040.804	247.50
LOCATION L0003202	VOLUME	450382.299	3765040.716	247.50
LOCATION L0003203	VOLUME	450390.889	3765040.627	247.50
LOCATION L0003204	VOLUME	450399.478	3765040.539	247.50
LOCATION L0003205	VOLUME	450408.068	3765040.451	247.48
LOCATION L0003206	VOLUME	450416.658	3765040.362	247.46
LOCATION L0003207	VOLUME	450425.247	3765040.274	247.44
LOCATION L0003208	VOLUME	450433.837	3765040.185	247.44
LOCATION L0003209	VOLUME	450442.426	3765040.097	247.43
LOCATION L0003210	VOLUME	450451.016	3765040.009	247.43
LOCATION L0003211	VOLUME	450459.605	3765039.920	247.43
LOCATION L0003212	VOLUME	450468.195	3765039.832	247.43
LOCATION L0003213	VOLUME	450476.784	3765039.743	247.43
LOCATION L0003214	VOLUME	450485.374	3765039.655	247.43
LOCATION L0003215	VOLUME	450493.963	3765039.567	247.43
LOCATION L0003216	VOLUME	450502.553	3765039.478	247.43
LOCATION L0003217	VOLUME	450511.143	3765039.390	247.43
LOCATION L0003218	VOLUME	450519.732	3765039.301	247.43
LOCATION L0003219	VOLUME	450528.322	3765039.213	247.43
LOCATION L0003220	VOLUME	450536.911	3765039.125	247.42
LOCATION L0003221	VOLUME	450545.501	3765039.036	247.42
LOCATION L0003222	VOLUME	450554.090	3765038.948	247.42
LOCATION L0003223	VOLUME	450562.680	3765038.859	247.42
LOCATION L0003224	VOLUME	450571.269	3765038.771	247.42
LOCATION L0003225	VOLUME	450579.859	3765038.683	247.42
LOCATION L0003226	VOLUME	450588.448	3765038.594	247.42
LOCATION L0003227	VOLUME	450597.038	3765038.506	247.42

LOCATION	L0003228	VOLUME	450605.628	3765038.417	247.42
LOCATION	L0003229	VOLUME	450614.217	3765038.329	247.38
LOCATION	L0003230	VOLUME	450622.807	3765038.241	247.32
LOCATION	L0003231	VOLUME	450631.396	3765038.152	247.25
LOCATION	L0003232	VOLUME	450639.986	3765038.064	247.19
LOCATION	L0003233	VOLUME	450648.575	3765037.975	247.17
LOCATION	L0003234	VOLUME	450657.165	3765037.887	247.14
LOCATION	L0003235	VOLUME	450665.754	3765037.799	247.12
LOCATION	L0003236	VOLUME	450674.344	3765037.710	247.11
LOCATION	L0003237	VOLUME	450682.933	3765037.622	247.10
LOCATION	L0003238	VOLUME	450691.523	3765037.533	247.10
LOCATION	L0003239	VOLUME	450700.113	3765037.445	247.10
LOCATION	L0003240	VOLUME	450708.702	3765037.357	247.10
LOCATION	L0003241	VOLUME	450717.292	3765037.268	247.10
LOCATION	L0003242	VOLUME	450725.881	3765037.180	247.10
LOCATION	L0003243	VOLUME	450734.471	3765037.091	247.10
LOCATION	L0003244	VOLUME	450743.060	3765037.003	247.10
LOCATION	L0003245	VOLUME	450751.650	3765036.915	247.10
LOCATION	L0003246	VOLUME	450760.239	3765036.826	247.10
LOCATION	L0003247	VOLUME	450768.829	3765036.738	247.10
LOCATION	L0003248	VOLUME	450777.418	3765036.649	247.09
LOCATION	L0003249	VOLUME	450786.008	3765036.561	247.09
LOCATION	L0003250	VOLUME	450794.598	3765036.473	247.09
LOCATION	L0003251	VOLUME	450803.187	3765036.384	247.09
LOCATION	L0003252	VOLUME	450811.777	3765036.296	247.09
LOCATION	L0003253	VOLUME	450820.366	3765036.207	247.09

** END OF LINE VOLUME SOURCE ID = SLINE4

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE5

** DESCRSRC ON-SITE TRAVEL BUILDING 1 NORTH SIDE

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.0000406

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 6

** 450976.980, 3765253.863, 249.00, 3.49, 4.00

** 451172.938, 3765250.630, 248.98, 3.49, 4.00

** 451267.359, 3765246.102, 248.95, 3.49, 4.00

** 451295.168, 3765240.282, 248.86, 3.49, 4.00

** 451313.277, 3765224.761, 248.72, 3.49, 4.00

** 451311.336, 3765132.926, 248.07, 3.49, 4.00

**

LOCATION	L0003254	VOLUME	450981.275	3765253.792	249.00
LOCATION	L0003255	VOLUME	450989.864	3765253.651	248.99
LOCATION	L0003256	VOLUME	450998.453	3765253.509	248.99
LOCATION	L0003257	VOLUME	451007.041	3765253.367	248.99
LOCATION	L0003258	VOLUME	451015.630	3765253.225	248.99

LOCATION	L0003259	VOLUME	451024.219	3765253.084	248.99
LOCATION	L0003260	VOLUME	451032.808	3765252.942	248.99
LOCATION	L0003261	VOLUME	451041.397	3765252.800	248.99
LOCATION	L0003262	VOLUME	451049.986	3765252.658	248.98
LOCATION	L0003263	VOLUME	451058.574	3765252.517	248.98
LOCATION	L0003264	VOLUME	451067.163	3765252.375	248.98
LOCATION	L0003265	VOLUME	451075.752	3765252.233	248.98
LOCATION	L0003266	VOLUME	451084.341	3765252.092	248.98
LOCATION	L0003267	VOLUME	451092.930	3765251.950	248.98
LOCATION	L0003268	VOLUME	451101.518	3765251.808	248.98
LOCATION	L0003269	VOLUME	451110.107	3765251.666	248.97
LOCATION	L0003270	VOLUME	451118.696	3765251.525	248.97
LOCATION	L0003271	VOLUME	451127.285	3765251.383	248.97
LOCATION	L0003272	VOLUME	451135.874	3765251.241	248.97
LOCATION	L0003273	VOLUME	451144.463	3765251.099	248.97
LOCATION	L0003274	VOLUME	451153.051	3765250.958	248.97
LOCATION	L0003275	VOLUME	451161.640	3765250.816	248.97
LOCATION	L0003276	VOLUME	451170.229	3765250.674	248.96
LOCATION	L0003277	VOLUME	451178.812	3765250.348	248.96
LOCATION	L0003278	VOLUME	451187.392	3765249.937	248.96
LOCATION	L0003279	VOLUME	451195.972	3765249.525	248.95
LOCATION	L0003280	VOLUME	451204.552	3765249.114	248.95
LOCATION	L0003281	VOLUME	451213.133	3765248.702	248.94
LOCATION	L0003282	VOLUME	451221.713	3765248.291	248.94
LOCATION	L0003283	VOLUME	451230.293	3765247.880	248.94
LOCATION	L0003284	VOLUME	451238.873	3765247.468	248.93
LOCATION	L0003285	VOLUME	451247.453	3765247.057	248.93
LOCATION	L0003286	VOLUME	451256.033	3765246.645	248.92
LOCATION	L0003287	VOLUME	451264.613	3765246.234	248.92
LOCATION	L0003288	VOLUME	451273.076	3765244.906	248.91
LOCATION	L0003289	VOLUME	451281.484	3765243.146	248.89
LOCATION	L0003290	VOLUME	451289.892	3765241.386	248.87
LOCATION	L0003291	VOLUME	451297.597	3765238.200	248.84
LOCATION	L0003292	VOLUME	451304.120	3765232.610	248.78
LOCATION	L0003293	VOLUME	451310.642	3765227.019	248.72
LOCATION	L0003294	VOLUME	451313.168	3765219.642	248.72
LOCATION	L0003295	VOLUME	451312.987	3765211.054	248.72
LOCATION	L0003296	VOLUME	451312.806	3765202.466	248.72
LOCATION	L0003297	VOLUME	451312.624	3765193.878	248.69
LOCATION	L0003298	VOLUME	451312.443	3765185.290	248.60
LOCATION	L0003299	VOLUME	451312.261	3765176.702	248.52
LOCATION	L0003300	VOLUME	451312.080	3765168.114	248.43
LOCATION	L0003301	VOLUME	451311.898	3765159.526	248.34
LOCATION	L0003302	VOLUME	451311.717	3765150.938	248.26
LOCATION	L0003303	VOLUME	451311.536	3765142.350	248.17
LOCATION	L0003304	VOLUME	451311.354	3765133.762	248.08

** END OF LINE VOLUME SOURCE ID = SLINE5

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE6

** DESCRSRC ON-SITE TRAVEL BUILDING 1 SOUTH SIDE

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00003872

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 5

** 451310.690, 3765133.573, 248.07, 3.49, 4.00

** 451309.396, 3765010.048, 246.84, 3.49, 4.00

** 451227.909, 3765010.048, 246.85, 3.49, 4.00

** 451013.197, 3765011.989, 246.85, 3.49, 4.00

** 450989.915, 3765013.282, 246.86, 3.49, 4.00

**

LOCATION	L0003305	VOLUME	451310.645	3765129.278	248.04
LOCATION	L0003306	VOLUME	451310.555	3765120.688	247.95
LOCATION	L0003307	VOLUME	451310.465	3765112.099	247.86
LOCATION	L0003308	VOLUME	451310.375	3765103.509	247.77
LOCATION	L0003309	VOLUME	451310.285	3765094.920	247.69
LOCATION	L0003310	VOLUME	451310.195	3765086.330	247.60
LOCATION	L0003311	VOLUME	451310.105	3765077.741	247.51
LOCATION	L0003312	VOLUME	451310.015	3765069.151	247.42
LOCATION	L0003313	VOLUME	451309.925	3765060.562	247.34
LOCATION	L0003314	VOLUME	451309.835	3765051.972	247.25
LOCATION	L0003315	VOLUME	451309.745	3765043.383	247.16
LOCATION	L0003316	VOLUME	451309.655	3765034.793	247.08
LOCATION	L0003317	VOLUME	451309.565	3765026.203	246.99
LOCATION	L0003318	VOLUME	451309.476	3765017.614	246.90
LOCATION	L0003319	VOLUME	451308.372	3765010.048	246.82
LOCATION	L0003320	VOLUME	451299.782	3765010.048	246.82
LOCATION	L0003321	VOLUME	451291.192	3765010.048	246.82
LOCATION	L0003322	VOLUME	451282.602	3765010.048	246.82
LOCATION	L0003323	VOLUME	451274.012	3765010.048	246.82
LOCATION	L0003324	VOLUME	451265.422	3765010.048	246.82
LOCATION	L0003325	VOLUME	451256.832	3765010.048	246.82
LOCATION	L0003326	VOLUME	451248.242	3765010.048	246.82
LOCATION	L0003327	VOLUME	451239.652	3765010.048	246.82
LOCATION	L0003328	VOLUME	451231.062	3765010.048	246.82
LOCATION	L0003329	VOLUME	451222.472	3765010.098	246.82
LOCATION	L0003330	VOLUME	451213.883	3765010.175	246.83
LOCATION	L0003331	VOLUME	451205.293	3765010.253	246.83
LOCATION	L0003332	VOLUME	451196.704	3765010.330	246.83
LOCATION	L0003333	VOLUME	451188.114	3765010.408	246.83
LOCATION	L0003334	VOLUME	451179.524	3765010.486	246.83
LOCATION	L0003335	VOLUME	451170.935	3765010.563	246.83
LOCATION	L0003336	VOLUME	451162.345	3765010.641	246.83
LOCATION	L0003337	VOLUME	451153.755	3765010.718	246.83
LOCATION	L0003338	VOLUME	451145.166	3765010.796	246.83
LOCATION	L0003339	VOLUME	451136.576	3765010.874	246.83
LOCATION	L0003340	VOLUME	451127.986	3765010.951	246.83

LOCATION L0003341	VOLUME	451119.397	3765011.029	246.83
LOCATION L0003342	VOLUME	451110.807	3765011.107	246.83
LOCATION L0003343	VOLUME	451102.217	3765011.184	246.84
LOCATION L0003344	VOLUME	451093.628	3765011.262	246.84
LOCATION L0003345	VOLUME	451085.038	3765011.339	246.84
LOCATION L0003346	VOLUME	451076.448	3765011.417	246.84
LOCATION L0003347	VOLUME	451067.859	3765011.495	246.84
LOCATION L0003348	VOLUME	451059.269	3765011.572	246.84
LOCATION L0003349	VOLUME	451050.679	3765011.650	246.84
LOCATION L0003350	VOLUME	451042.090	3765011.728	246.84
LOCATION L0003351	VOLUME	451033.500	3765011.805	246.84
LOCATION L0003352	VOLUME	451024.911	3765011.883	246.84
LOCATION L0003353	VOLUME	451016.321	3765011.960	246.84
LOCATION L0003354	VOLUME	451007.739	3765012.292	246.85
LOCATION L0003355	VOLUME	450999.163	3765012.768	246.85
LOCATION L0003356	VOLUME	450990.586	3765013.245	246.86

** END OF LINE VOLUME SOURCE ID = SLINE6

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE7

** DESCRSRC ON-SITE TRAVEL BUILDING 2 NORTH SIDE

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.0001096

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 4

** 450203.312, 3765275.868, 250.18, 3.49, 4.00

** 450877.314, 3765265.336, 249.02, 3.49, 4.00

** 450914.174, 3765262.177, 249.02, 3.49, 4.00

** 450945.767, 3765259.017, 249.01, 3.49, 4.00

** -----

LOCATION L0003357	VOLUME	450207.606	3765275.800	250.13
LOCATION L0003358	VOLUME	450216.195	3765275.666	250.13
LOCATION L0003359	VOLUME	450224.784	3765275.532	250.10
LOCATION L0003360	VOLUME	450233.373	3765275.398	250.04
LOCATION L0003361	VOLUME	450241.962	3765275.264	249.98
LOCATION L0003362	VOLUME	450250.551	3765275.129	249.93
LOCATION L0003363	VOLUME	450259.140	3765274.995	249.90
LOCATION L0003364	VOLUME	450267.729	3765274.861	249.87
LOCATION L0003365	VOLUME	450276.318	3765274.727	249.83
LOCATION L0003366	VOLUME	450284.907	3765274.593	249.76
LOCATION L0003367	VOLUME	450293.496	3765274.458	249.67
LOCATION L0003368	VOLUME	450302.085	3765274.324	249.58
LOCATION L0003369	VOLUME	450310.674	3765274.190	249.51
LOCATION L0003370	VOLUME	450319.262	3765274.056	249.51
LOCATION L0003371	VOLUME	450327.851	3765273.922	249.51
LOCATION L0003372	VOLUME	450336.440	3765273.787	249.50
LOCATION L0003373	VOLUME	450345.029	3765273.653	249.47

LOCATION	L0003374	VOLUME	450353.618	3765273.519	249.42
LOCATION	L0003375	VOLUME	450362.207	3765273.385	249.37
LOCATION	L0003376	VOLUME	450370.796	3765273.251	249.33
LOCATION	L0003377	VOLUME	450379.385	3765273.116	249.33
LOCATION	L0003378	VOLUME	450387.974	3765272.982	249.33
LOCATION	L0003379	VOLUME	450396.563	3765272.848	249.33
LOCATION	L0003380	VOLUME	450405.152	3765272.714	249.33
LOCATION	L0003381	VOLUME	450413.741	3765272.580	249.33
LOCATION	L0003382	VOLUME	450422.330	3765272.445	249.33
LOCATION	L0003383	VOLUME	450430.919	3765272.311	249.33
LOCATION	L0003384	VOLUME	450439.508	3765272.177	249.33
LOCATION	L0003385	VOLUME	450448.097	3765272.043	249.33
LOCATION	L0003386	VOLUME	450456.686	3765271.909	249.33
LOCATION	L0003387	VOLUME	450465.275	3765271.774	249.33
LOCATION	L0003388	VOLUME	450473.864	3765271.640	249.33
LOCATION	L0003389	VOLUME	450482.453	3765271.506	249.33
LOCATION	L0003390	VOLUME	450491.042	3765271.372	249.33
LOCATION	L0003391	VOLUME	450499.630	3765271.238	249.38
LOCATION	L0003392	VOLUME	450508.219	3765271.103	249.42
LOCATION	L0003393	VOLUME	450516.808	3765270.969	249.46
LOCATION	L0003394	VOLUME	450525.397	3765270.835	249.47
LOCATION	L0003395	VOLUME	450533.986	3765270.701	249.47
LOCATION	L0003396	VOLUME	450542.575	3765270.567	249.47
LOCATION	L0003397	VOLUME	450551.164	3765270.432	249.46
LOCATION	L0003398	VOLUME	450559.753	3765270.298	249.42
LOCATION	L0003399	VOLUME	450568.342	3765270.164	249.38
LOCATION	L0003400	VOLUME	450576.931	3765270.030	249.34
LOCATION	L0003401	VOLUME	450585.520	3765269.895	249.33
LOCATION	L0003402	VOLUME	450594.109	3765269.761	249.33
LOCATION	L0003403	VOLUME	450602.698	3765269.627	249.33
LOCATION	L0003404	VOLUME	450611.287	3765269.493	249.33
LOCATION	L0003405	VOLUME	450619.876	3765269.359	249.33
LOCATION	L0003406	VOLUME	450628.465	3765269.224	249.33
LOCATION	L0003407	VOLUME	450637.054	3765269.090	249.33
LOCATION	L0003408	VOLUME	450645.643	3765268.956	249.33
LOCATION	L0003409	VOLUME	450654.232	3765268.822	249.33
LOCATION	L0003410	VOLUME	450662.821	3765268.688	249.33
LOCATION	L0003411	VOLUME	450671.410	3765268.553	249.33
LOCATION	L0003412	VOLUME	450679.998	3765268.419	249.33
LOCATION	L0003413	VOLUME	450688.587	3765268.285	249.33
LOCATION	L0003414	VOLUME	450697.176	3765268.151	249.33
LOCATION	L0003415	VOLUME	450705.765	3765268.017	249.33
LOCATION	L0003416	VOLUME	450714.354	3765267.882	249.33
LOCATION	L0003417	VOLUME	450722.943	3765267.748	249.33
LOCATION	L0003418	VOLUME	450731.532	3765267.614	249.31
LOCATION	L0003419	VOLUME	450740.121	3765267.480	249.26
LOCATION	L0003420	VOLUME	450748.710	3765267.346	249.20
LOCATION	L0003421	VOLUME	450757.299	3765267.211	249.15
LOCATION	L0003422	VOLUME	450765.888	3765267.077	249.13
LOCATION	L0003423	VOLUME	450774.477	3765266.943	249.13

LOCATION	L0003424	VOLUME	450783.066	3765266.809	249.13
LOCATION	L0003425	VOLUME	450791.655	3765266.675	249.13
LOCATION	L0003426	VOLUME	450800.244	3765266.540	249.13
LOCATION	L0003427	VOLUME	450808.833	3765266.406	249.12
LOCATION	L0003428	VOLUME	450817.422	3765266.272	249.12
LOCATION	L0003429	VOLUME	450826.011	3765266.138	249.12
LOCATION	L0003430	VOLUME	450834.600	3765266.004	249.12
LOCATION	L0003431	VOLUME	450843.189	3765265.869	249.12
LOCATION	L0003432	VOLUME	450851.777	3765265.735	249.12
LOCATION	L0003433	VOLUME	450860.366	3765265.601	249.12
LOCATION	L0003434	VOLUME	450868.955	3765265.467	249.11
LOCATION	L0003435	VOLUME	450877.544	3765265.317	249.11
LOCATION	L0003436	VOLUME	450886.102	3765264.583	249.11
LOCATION	L0003437	VOLUME	450894.661	3765263.849	249.10
LOCATION	L0003438	VOLUME	450903.219	3765263.116	249.09
LOCATION	L0003439	VOLUME	450911.778	3765262.382	249.08
LOCATION	L0003440	VOLUME	450920.329	3765261.561	249.07
LOCATION	L0003441	VOLUME	450928.876	3765260.707	249.07
LOCATION	L0003442	VOLUME	450937.423	3765259.852	249.06

** END OF LINE VOLUME SOURCE ID = SLINE7

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE8

** DESCRSRC ON-SITE TRAVEL BUILDING 2 SOUTH SIDE

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.0001066

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 450238.065, 3765022.063, 247.51, 3.49, 4.00

** 450960.511, 3765012.585, 246.85, 3.49, 4.00

**

LOCATION	L0003443	VOLUME	450242.360	3765022.007	247.56
LOCATION	L0003444	VOLUME	450250.949	3765021.894	247.54
LOCATION	L0003445	VOLUME	450259.538	3765021.782	247.47
LOCATION	L0003446	VOLUME	450268.127	3765021.669	247.40
LOCATION	L0003447	VOLUME	450276.717	3765021.556	247.32
LOCATION	L0003448	VOLUME	450285.306	3765021.444	247.29
LOCATION	L0003449	VOLUME	450293.895	3765021.331	247.27
LOCATION	L0003450	VOLUME	450302.484	3765021.218	247.25
LOCATION	L0003451	VOLUME	450311.074	3765021.106	247.26
LOCATION	L0003452	VOLUME	450319.663	3765020.993	247.33
LOCATION	L0003453	VOLUME	450328.252	3765020.880	247.40
LOCATION	L0003454	VOLUME	450336.841	3765020.768	247.47
LOCATION	L0003455	VOLUME	450345.431	3765020.655	247.50
LOCATION	L0003456	VOLUME	450354.020	3765020.542	247.50
LOCATION	L0003457	VOLUME	450362.609	3765020.430	247.50
LOCATION	L0003458	VOLUME	450371.198	3765020.317	247.50

LOCATION	L0003459	VOLUME	450379.788	3765020.204	247.50
LOCATION	L0003460	VOLUME	450388.377	3765020.091	247.50
LOCATION	L0003461	VOLUME	450396.966	3765019.979	247.50
LOCATION	L0003462	VOLUME	450405.555	3765019.866	247.44
LOCATION	L0003463	VOLUME	450414.145	3765019.753	247.37
LOCATION	L0003464	VOLUME	450422.734	3765019.641	247.29
LOCATION	L0003465	VOLUME	450431.323	3765019.528	247.23
LOCATION	L0003466	VOLUME	450439.913	3765019.415	247.22
LOCATION	L0003467	VOLUME	450448.502	3765019.303	247.22
LOCATION	L0003468	VOLUME	450457.091	3765019.190	247.22
LOCATION	L0003469	VOLUME	450465.680	3765019.077	247.22
LOCATION	L0003470	VOLUME	450474.270	3765018.965	247.22
LOCATION	L0003471	VOLUME	450482.859	3765018.852	247.22
LOCATION	L0003472	VOLUME	450491.448	3765018.739	247.22
LOCATION	L0003473	VOLUME	450500.037	3765018.627	247.22
LOCATION	L0003474	VOLUME	450508.627	3765018.514	247.22
LOCATION	L0003475	VOLUME	450517.216	3765018.401	247.21
LOCATION	L0003476	VOLUME	450525.805	3765018.288	247.21
LOCATION	L0003477	VOLUME	450534.394	3765018.176	247.21
LOCATION	L0003478	VOLUME	450542.984	3765018.063	247.21
LOCATION	L0003479	VOLUME	450551.573	3765017.950	247.21
LOCATION	L0003480	VOLUME	450560.162	3765017.838	247.21
LOCATION	L0003481	VOLUME	450568.751	3765017.725	247.21
LOCATION	L0003482	VOLUME	450577.341	3765017.612	247.21
LOCATION	L0003483	VOLUME	450585.930	3765017.500	247.20
LOCATION	L0003484	VOLUME	450594.519	3765017.387	247.20
LOCATION	L0003485	VOLUME	450603.108	3765017.274	247.20
LOCATION	L0003486	VOLUME	450611.698	3765017.162	247.20
LOCATION	L0003487	VOLUME	450620.287	3765017.049	247.20
LOCATION	L0003488	VOLUME	450628.876	3765016.936	247.19
LOCATION	L0003489	VOLUME	450637.466	3765016.824	247.19
LOCATION	L0003490	VOLUME	450646.055	3765016.711	247.13
LOCATION	L0003491	VOLUME	450654.644	3765016.598	247.04
LOCATION	L0003492	VOLUME	450663.233	3765016.485	246.95
LOCATION	L0003493	VOLUME	450671.823	3765016.373	246.89
LOCATION	L0003494	VOLUME	450680.412	3765016.260	246.89
LOCATION	L0003495	VOLUME	450689.001	3765016.147	246.89
LOCATION	L0003496	VOLUME	450697.590	3765016.035	246.89
LOCATION	L0003497	VOLUME	450706.180	3765015.922	246.88
LOCATION	L0003498	VOLUME	450714.769	3765015.809	246.88
LOCATION	L0003499	VOLUME	450723.358	3765015.697	246.88
LOCATION	L0003500	VOLUME	450731.947	3765015.584	246.88
LOCATION	L0003501	VOLUME	450740.537	3765015.471	246.88
LOCATION	L0003502	VOLUME	450749.126	3765015.359	246.88
LOCATION	L0003503	VOLUME	450757.715	3765015.246	246.88
LOCATION	L0003504	VOLUME	450766.304	3765015.133	246.88
LOCATION	L0003505	VOLUME	450774.894	3765015.021	246.87
LOCATION	L0003506	VOLUME	450783.483	3765014.908	246.87
LOCATION	L0003507	VOLUME	450792.072	3765014.795	246.87
LOCATION	L0003508	VOLUME	450800.661	3765014.682	246.87

LOCATION L0003509	VOLUME	450809.251	3765014.570	246.87
LOCATION L0003510	VOLUME	450817.840	3765014.457	246.87
LOCATION L0003511	VOLUME	450826.429	3765014.344	246.87
LOCATION L0003512	VOLUME	450835.019	3765014.232	246.87
LOCATION L0003513	VOLUME	450843.608	3765014.119	246.87
LOCATION L0003514	VOLUME	450852.197	3765014.006	246.86
LOCATION L0003515	VOLUME	450860.786	3765013.894	246.86
LOCATION L0003516	VOLUME	450869.376	3765013.781	246.86
LOCATION L0003517	VOLUME	450877.965	3765013.668	246.86
LOCATION L0003518	VOLUME	450886.554	3765013.556	246.86
LOCATION L0003519	VOLUME	450895.143	3765013.443	246.86
LOCATION L0003520	VOLUME	450903.733	3765013.330	246.86
LOCATION L0003521	VOLUME	450912.322	3765013.218	246.86
LOCATION L0003522	VOLUME	450920.911	3765013.105	246.86
LOCATION L0003523	VOLUME	450929.500	3765012.992	246.85
LOCATION L0003524	VOLUME	450938.090	3765012.879	246.85
LOCATION L0003525	VOLUME	450946.679	3765012.767	246.85
LOCATION L0003526	VOLUME	450955.268	3765012.654	246.85

** END OF LINE VOLUME SOURCE ID = SLINE8

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE9

** DESCRSRC OFF-SITE TRAVEL 5% DWY 4

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00001564

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 4

** 450977.046, 3765014.338, 246.87, 3.49, 4.00

** 450980.814, 3764827.452, 244.93, 3.49, 4.00

** 451587.440, 3764819.916, 245.05, 3.49, 4.00

** 451602.617, 3765997.637, 258.04, 3.49, 4.00

**

LOCATION L0003527	VOLUME	450977.133	3765010.044	246.82
LOCATION L0003528	VOLUME	450977.306	3765001.456	246.74
LOCATION L0003529	VOLUME	450977.479	3764992.867	246.65
LOCATION L0003530	VOLUME	450977.652	3764984.279	246.56
LOCATION L0003531	VOLUME	450977.825	3764975.691	246.48
LOCATION L0003532	VOLUME	450977.998	3764967.103	246.39
LOCATION L0003533	VOLUME	450978.172	3764958.514	246.30
LOCATION L0003534	VOLUME	450978.345	3764949.926	246.21
LOCATION L0003535	VOLUME	450978.518	3764941.338	246.13
LOCATION L0003536	VOLUME	450978.691	3764932.750	246.04
LOCATION L0003537	VOLUME	450978.864	3764924.161	245.95
LOCATION L0003538	VOLUME	450979.037	3764915.573	245.86
LOCATION L0003539	VOLUME	450979.210	3764906.985	245.78
LOCATION L0003540	VOLUME	450979.384	3764898.397	245.69
LOCATION L0003541	VOLUME	450979.557	3764889.808	245.60

LOCATION	L0003542	VOLUME	450979.730	3764881.220	245.52
LOCATION	L0003543	VOLUME	450979.903	3764872.632	245.43
LOCATION	L0003544	VOLUME	450980.076	3764864.044	245.34
LOCATION	L0003545	VOLUME	450980.249	3764855.455	245.25
LOCATION	L0003546	VOLUME	450980.423	3764846.867	245.17
LOCATION	L0003547	VOLUME	450980.596	3764838.279	245.08
LOCATION	L0003548	VOLUME	450980.769	3764829.691	244.92
LOCATION	L0003549	VOLUME	450987.164	3764827.373	244.88
LOCATION	L0003550	VOLUME	450995.754	3764827.266	244.88
LOCATION	L0003551	VOLUME	451004.343	3764827.160	244.89
LOCATION	L0003552	VOLUME	451012.932	3764827.053	244.91
LOCATION	L0003553	VOLUME	451021.522	3764826.946	244.94
LOCATION	L0003554	VOLUME	451030.111	3764826.840	244.96
LOCATION	L0003555	VOLUME	451038.700	3764826.733	244.96
LOCATION	L0003556	VOLUME	451047.290	3764826.626	244.96
LOCATION	L0003557	VOLUME	451055.879	3764826.520	244.96
LOCATION	L0003558	VOLUME	451064.468	3764826.413	244.96
LOCATION	L0003559	VOLUME	451073.058	3764826.306	244.96
LOCATION	L0003560	VOLUME	451081.647	3764826.199	244.96
LOCATION	L0003561	VOLUME	451090.236	3764826.093	244.96
LOCATION	L0003562	VOLUME	451098.826	3764825.986	244.95
LOCATION	L0003563	VOLUME	451107.415	3764825.879	244.95
LOCATION	L0003564	VOLUME	451116.004	3764825.773	244.95
LOCATION	L0003565	VOLUME	451124.594	3764825.666	244.95
LOCATION	L0003566	VOLUME	451133.183	3764825.559	244.95
LOCATION	L0003567	VOLUME	451141.772	3764825.453	244.95
LOCATION	L0003568	VOLUME	451150.362	3764825.346	244.94
LOCATION	L0003569	VOLUME	451158.951	3764825.239	244.91
LOCATION	L0003570	VOLUME	451167.540	3764825.132	244.88
LOCATION	L0003571	VOLUME	451176.130	3764825.026	244.84
LOCATION	L0003572	VOLUME	451184.719	3764824.919	244.79
LOCATION	L0003573	VOLUME	451193.309	3764824.812	244.74
LOCATION	L0003574	VOLUME	451201.898	3764824.706	244.68
LOCATION	L0003575	VOLUME	451210.487	3764824.599	244.64
LOCATION	L0003576	VOLUME	451219.077	3764824.492	244.63
LOCATION	L0003577	VOLUME	451227.666	3764824.386	244.63
LOCATION	L0003578	VOLUME	451236.255	3764824.279	244.63
LOCATION	L0003579	VOLUME	451244.845	3764824.172	244.63
LOCATION	L0003580	VOLUME	451253.434	3764824.065	244.63
LOCATION	L0003581	VOLUME	451262.023	3764823.959	244.63
LOCATION	L0003582	VOLUME	451270.613	3764823.852	244.63
LOCATION	L0003583	VOLUME	451279.202	3764823.745	244.63
LOCATION	L0003584	VOLUME	451287.791	3764823.639	244.63
LOCATION	L0003585	VOLUME	451296.381	3764823.532	244.62
LOCATION	L0003586	VOLUME	451304.970	3764823.425	244.62
LOCATION	L0003587	VOLUME	451313.559	3764823.319	244.62
LOCATION	L0003588	VOLUME	451322.149	3764823.212	244.62
LOCATION	L0003589	VOLUME	451330.738	3764823.105	244.62
LOCATION	L0003590	VOLUME	451339.327	3764822.998	244.62
LOCATION	L0003591	VOLUME	451347.917	3764822.892	244.62

LOCATION	L0003592	VOLUME	451356.506	3764822.785	244.62
LOCATION	L0003593	VOLUME	451365.095	3764822.678	244.62
LOCATION	L0003594	VOLUME	451373.685	3764822.572	244.61
LOCATION	L0003595	VOLUME	451382.274	3764822.465	244.61
LOCATION	L0003596	VOLUME	451390.863	3764822.358	244.61
LOCATION	L0003597	VOLUME	451399.453	3764822.252	244.61
LOCATION	L0003598	VOLUME	451408.042	3764822.145	244.61
LOCATION	L0003599	VOLUME	451416.631	3764822.038	244.61
LOCATION	L0003600	VOLUME	451425.221	3764821.931	244.58
LOCATION	L0003601	VOLUME	451433.810	3764821.825	244.54
LOCATION	L0003602	VOLUME	451442.399	3764821.718	244.49
LOCATION	L0003603	VOLUME	451450.989	3764821.611	244.46
LOCATION	L0003604	VOLUME	451459.578	3764821.505	244.50
LOCATION	L0003605	VOLUME	451468.167	3764821.398	244.55
LOCATION	L0003606	VOLUME	451476.757	3764821.291	244.59
LOCATION	L0003607	VOLUME	451485.346	3764821.185	244.63
LOCATION	L0003608	VOLUME	451493.935	3764821.078	244.67
LOCATION	L0003609	VOLUME	451502.525	3764820.971	244.71
LOCATION	L0003610	VOLUME	451511.114	3764820.864	244.75
LOCATION	L0003611	VOLUME	451519.703	3764820.758	244.80
LOCATION	L0003612	VOLUME	451528.293	3764820.651	244.84
LOCATION	L0003613	VOLUME	451536.882	3764820.544	244.88
LOCATION	L0003614	VOLUME	451545.471	3764820.438	244.90
LOCATION	L0003615	VOLUME	451554.061	3764820.331	244.90
LOCATION	L0003616	VOLUME	451562.650	3764820.224	244.90
LOCATION	L0003617	VOLUME	451571.239	3764820.118	244.90
LOCATION	L0003618	VOLUME	451579.829	3764820.011	244.94
LOCATION	L0003619	VOLUME	451587.453	3764820.894	244.99
LOCATION	L0003620	VOLUME	451587.563	3764829.484	245.13
LOCATION	L0003621	VOLUME	451587.674	3764838.073	245.27
LOCATION	L0003622	VOLUME	451587.785	3764846.662	245.39
LOCATION	L0003623	VOLUME	451587.895	3764855.251	245.51
LOCATION	L0003624	VOLUME	451588.006	3764863.841	245.63
LOCATION	L0003625	VOLUME	451588.117	3764872.430	245.73
LOCATION	L0003626	VOLUME	451588.228	3764881.019	245.82
LOCATION	L0003627	VOLUME	451588.338	3764889.609	245.91
LOCATION	L0003628	VOLUME	451588.449	3764898.198	245.99
LOCATION	L0003629	VOLUME	451588.560	3764906.787	246.08
LOCATION	L0003630	VOLUME	451588.670	3764915.376	246.17
LOCATION	L0003631	VOLUME	451588.781	3764923.966	246.25
LOCATION	L0003632	VOLUME	451588.892	3764932.555	246.34
LOCATION	L0003633	VOLUME	451589.002	3764941.144	246.43
LOCATION	L0003634	VOLUME	451589.113	3764949.734	246.52
LOCATION	L0003635	VOLUME	451589.224	3764958.323	246.60
LOCATION	L0003636	VOLUME	451589.334	3764966.912	246.69
LOCATION	L0003637	VOLUME	451589.445	3764975.501	246.78
LOCATION	L0003638	VOLUME	451589.556	3764984.091	246.87
LOCATION	L0003639	VOLUME	451589.666	3764992.680	246.95
LOCATION	L0003640	VOLUME	451589.777	3765001.269	247.04
LOCATION	L0003641	VOLUME	451589.888	3765009.859	247.13

LOCATION	L0003642	VOLUME	451589.999	3765018.448	247.21
LOCATION	L0003643	VOLUME	451590.109	3765027.037	247.27
LOCATION	L0003644	VOLUME	451590.220	3765035.626	247.33
LOCATION	L0003645	VOLUME	451590.331	3765044.216	247.39
LOCATION	L0003646	VOLUME	451590.441	3765052.805	247.41
LOCATION	L0003647	VOLUME	451590.552	3765061.394	247.41
LOCATION	L0003648	VOLUME	451590.663	3765069.984	247.41
LOCATION	L0003649	VOLUME	451590.773	3765078.573	247.45
LOCATION	L0003650	VOLUME	451590.884	3765087.162	247.60
LOCATION	L0003651	VOLUME	451590.995	3765095.751	247.75
LOCATION	L0003652	VOLUME	451591.105	3765104.341	247.90
LOCATION	L0003653	VOLUME	451591.216	3765112.930	248.02
LOCATION	L0003654	VOLUME	451591.327	3765121.519	248.14
LOCATION	L0003655	VOLUME	451591.437	3765130.109	248.25
LOCATION	L0003656	VOLUME	451591.548	3765138.698	248.36
LOCATION	L0003657	VOLUME	451591.659	3765147.287	248.47
LOCATION	L0003658	VOLUME	451591.770	3765155.876	248.58
LOCATION	L0003659	VOLUME	451591.880	3765164.466	248.69
LOCATION	L0003660	VOLUME	451591.991	3765173.055	248.84
LOCATION	L0003661	VOLUME	451592.102	3765181.644	248.99
LOCATION	L0003662	VOLUME	451592.212	3765190.234	249.14
LOCATION	L0003663	VOLUME	451592.323	3765198.823	249.26
LOCATION	L0003664	VOLUME	451592.434	3765207.412	249.28
LOCATION	L0003665	VOLUME	451592.544	3765216.001	249.30
LOCATION	L0003666	VOLUME	451592.655	3765224.591	249.32
LOCATION	L0003667	VOLUME	451592.766	3765233.180	249.40
LOCATION	L0003668	VOLUME	451592.876	3765241.769	249.48
LOCATION	L0003669	VOLUME	451592.987	3765250.359	249.57
LOCATION	L0003670	VOLUME	451593.098	3765258.948	249.66
LOCATION	L0003671	VOLUME	451593.208	3765267.537	249.75
LOCATION	L0003672	VOLUME	451593.319	3765276.126	249.83
LOCATION	L0003673	VOLUME	451593.430	3765284.716	249.92
LOCATION	L0003674	VOLUME	451593.541	3765293.305	250.01
LOCATION	L0003675	VOLUME	451593.651	3765301.894	250.09
LOCATION	L0003676	VOLUME	451593.762	3765310.484	250.18
LOCATION	L0003677	VOLUME	451593.873	3765319.073	250.26
LOCATION	L0003678	VOLUME	451593.983	3765327.662	250.33
LOCATION	L0003679	VOLUME	451594.094	3765336.251	250.41
LOCATION	L0003680	VOLUME	451594.205	3765344.841	250.48
LOCATION	L0003681	VOLUME	451594.315	3765353.430	250.49
LOCATION	L0003682	VOLUME	451594.426	3765362.019	250.49
LOCATION	L0003683	VOLUME	451594.537	3765370.609	250.50
LOCATION	L0003684	VOLUME	451594.647	3765379.198	250.50
LOCATION	L0003685	VOLUME	451594.758	3765387.787	250.50
LOCATION	L0003686	VOLUME	451594.869	3765396.376	250.50
LOCATION	L0003687	VOLUME	451594.979	3765404.966	250.50
LOCATION	L0003688	VOLUME	451595.090	3765413.555	250.57
LOCATION	L0003689	VOLUME	451595.201	3765422.144	250.66
LOCATION	L0003690	VOLUME	451595.311	3765430.734	250.75
LOCATION	L0003691	VOLUME	451595.422	3765439.323	250.84

LOCATION	L0003692	VOLUME	451595.533	3765447.912	250.94
LOCATION	L0003693	VOLUME	451595.644	3765456.501	251.04
LOCATION	L0003694	VOLUME	451595.754	3765465.091	251.14
LOCATION	L0003695	VOLUME	451595.865	3765473.680	251.30
LOCATION	L0003696	VOLUME	451595.976	3765482.269	251.46
LOCATION	L0003697	VOLUME	451596.086	3765490.859	251.63
LOCATION	L0003698	VOLUME	451596.197	3765499.448	251.77
LOCATION	L0003699	VOLUME	451596.308	3765508.037	251.86
LOCATION	L0003700	VOLUME	451596.418	3765516.626	251.96
LOCATION	L0003701	VOLUME	451596.529	3765525.216	252.06
LOCATION	L0003702	VOLUME	451596.640	3765533.805	252.15
LOCATION	L0003703	VOLUME	451596.750	3765542.394	252.23
LOCATION	L0003704	VOLUME	451596.861	3765550.984	252.32
LOCATION	L0003705	VOLUME	451596.972	3765559.573	252.41
LOCATION	L0003706	VOLUME	451597.082	3765568.162	252.49
LOCATION	L0003707	VOLUME	451597.193	3765576.751	252.58
LOCATION	L0003708	VOLUME	451597.304	3765585.341	252.67
LOCATION	L0003709	VOLUME	451597.415	3765593.930	252.76
LOCATION	L0003710	VOLUME	451597.525	3765602.519	252.84
LOCATION	L0003711	VOLUME	451597.636	3765611.109	252.93
LOCATION	L0003712	VOLUME	451597.747	3765619.698	253.05
LOCATION	L0003713	VOLUME	451597.857	3765628.287	253.23
LOCATION	L0003714	VOLUME	451597.968	3765636.876	253.40
LOCATION	L0003715	VOLUME	451598.079	3765645.466	253.58
LOCATION	L0003716	VOLUME	451598.189	3765654.055	253.67
LOCATION	L0003717	VOLUME	451598.300	3765662.644	253.75
LOCATION	L0003718	VOLUME	451598.411	3765671.234	253.84
LOCATION	L0003719	VOLUME	451598.521	3765679.823	253.89
LOCATION	L0003720	VOLUME	451598.632	3765688.412	253.89
LOCATION	L0003721	VOLUME	451598.743	3765697.001	253.89
LOCATION	L0003722	VOLUME	451598.853	3765705.591	253.89
LOCATION	L0003723	VOLUME	451598.964	3765714.180	254.05
LOCATION	L0003724	VOLUME	451599.075	3765722.769	254.22
LOCATION	L0003725	VOLUME	451599.186	3765731.359	254.40
LOCATION	L0003726	VOLUME	451599.296	3765739.948	254.58
LOCATION	L0003727	VOLUME	451599.407	3765748.537	254.75
LOCATION	L0003728	VOLUME	451599.518	3765757.126	254.93
LOCATION	L0003729	VOLUME	451599.628	3765765.716	255.11
LOCATION	L0003730	VOLUME	451599.739	3765774.305	255.28
LOCATION	L0003731	VOLUME	451599.850	3765782.894	255.46
LOCATION	L0003732	VOLUME	451599.960	3765791.484	255.63
LOCATION	L0003733	VOLUME	451600.071	3765800.073	255.77
LOCATION	L0003734	VOLUME	451600.182	3765808.662	255.85
LOCATION	L0003735	VOLUME	451600.292	3765817.251	255.94
LOCATION	L0003736	VOLUME	451600.403	3765825.841	256.03
LOCATION	L0003737	VOLUME	451600.514	3765834.430	256.11
LOCATION	L0003738	VOLUME	451600.624	3765843.019	256.20
LOCATION	L0003739	VOLUME	451600.735	3765851.609	256.29
LOCATION	L0003740	VOLUME	451600.846	3765860.198	256.38
LOCATION	L0003741	VOLUME	451600.957	3765868.787	256.46

LOCATION L0003742	VOLUME	451601.067	3765877.377	256.55
LOCATION L0003743	VOLUME	451601.178	3765885.966	256.64
LOCATION L0003744	VOLUME	451601.289	3765894.555	256.73
LOCATION L0003745	VOLUME	451601.399	3765903.144	256.82
LOCATION L0003746	VOLUME	451601.510	3765911.734	256.92
LOCATION L0003747	VOLUME	451601.621	3765920.323	257.01
LOCATION L0003748	VOLUME	451601.731	3765928.912	257.09
LOCATION L0003749	VOLUME	451601.842	3765937.502	257.17
LOCATION L0003750	VOLUME	451601.953	3765946.091	257.25
LOCATION L0003751	VOLUME	451602.063	3765954.680	257.34
LOCATION L0003752	VOLUME	451602.174	3765963.269	257.44
LOCATION L0003753	VOLUME	451602.285	3765971.859	257.53
LOCATION L0003754	VOLUME	451602.395	3765980.448	257.67
LOCATION L0003755	VOLUME	451602.506	3765989.037	257.83
LOCATION L0003756	VOLUME	451602.617	3765997.627	258.00

** END OF LINE VOLUME SOURCE ID = SLINE9

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE10

** DESCRSRC OFF-SITE TRAVEL 38% DWY. 4

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00009172

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 15

** 450977.581, 3765012.884, 246.86, 3.49, 4.00

** 450962.887, 3765101.046, 247.77, 3.49, 4.00

** 450962.114, 3765140.486, 248.09, 3.49, 4.00

** 450965.981, 3765309.849, 249.59, 3.49, 4.00

** 450973.137, 3765532.518, 251.45, 3.49, 4.00

** 450968.588, 3765568.002, 251.75, 3.49, 4.00

** 450957.670, 3765595.298, 252.05, 3.49, 4.00

** 451020.450, 3765638.972, 252.63, 3.49, 4.00

** 451076.862, 3765708.121, 253.55, 3.49, 4.00

** 451095.969, 3765734.507, 253.88, 3.49, 4.00

** 451115.416, 3765792.684, 255.06, 3.49, 4.00

** 451131.629, 3765842.440, 255.81, 3.49, 4.00

** 451131.629, 3765913.998, 256.61, 3.49, 4.00

** 451129.952, 3765994.501, 257.61, 3.49, 4.00

** 451601.232, 3765992.265, 257.87, 3.49, 4.00

** -----

LOCATION L0003757	VOLUME	450976.875	3765017.121	246.90
LOCATION L0003758	VOLUME	450975.463	3765025.594	246.98
LOCATION L0003759	VOLUME	450974.050	3765034.067	247.07
LOCATION L0003760	VOLUME	450972.638	3765042.540	247.15
LOCATION L0003761	VOLUME	450971.226	3765051.013	247.24
LOCATION L0003762	VOLUME	450969.814	3765059.486	247.33
LOCATION L0003763	VOLUME	450968.402	3765067.959	247.41

LOCATION	L0003764	VOLUME	450966.989	3765076.432	247.50
LOCATION	L0003765	VOLUME	450965.577	3765084.906	247.58
LOCATION	L0003766	VOLUME	450964.165	3765093.379	247.67
LOCATION	L0003767	VOLUME	450962.871	3765101.863	247.76
LOCATION	L0003768	VOLUME	450962.703	3765110.451	247.84
LOCATION	L0003769	VOLUME	450962.534	3765119.039	247.93
LOCATION	L0003770	VOLUME	450962.366	3765127.628	248.02
LOCATION	L0003771	VOLUME	450962.198	3765136.216	248.11
LOCATION	L0003772	VOLUME	450962.212	3765144.804	248.19
LOCATION	L0003773	VOLUME	450962.409	3765153.392	248.28
LOCATION	L0003774	VOLUME	450962.605	3765161.980	248.37
LOCATION	L0003775	VOLUME	450962.801	3765170.567	248.46
LOCATION	L0003776	VOLUME	450962.997	3765179.155	248.54
LOCATION	L0003777	VOLUME	450963.193	3765187.743	248.63
LOCATION	L0003778	VOLUME	450963.389	3765196.331	248.72
LOCATION	L0003779	VOLUME	450963.585	3765204.919	248.72
LOCATION	L0003780	VOLUME	450963.781	3765213.506	248.72
LOCATION	L0003781	VOLUME	450963.977	3765222.094	248.72
LOCATION	L0003782	VOLUME	450964.173	3765230.682	248.76
LOCATION	L0003783	VOLUME	450964.369	3765239.270	248.85
LOCATION	L0003784	VOLUME	450964.565	3765247.857	248.94
LOCATION	L0003785	VOLUME	450964.761	3765256.445	249.02
LOCATION	L0003786	VOLUME	450964.957	3765265.033	249.11
LOCATION	L0003787	VOLUME	450965.153	3765273.621	249.20
LOCATION	L0003788	VOLUME	450965.350	3765282.208	249.28
LOCATION	L0003789	VOLUME	450965.546	3765290.796	249.37
LOCATION	L0003790	VOLUME	450965.742	3765299.384	249.46
LOCATION	L0003791	VOLUME	450965.938	3765307.972	249.55
LOCATION	L0003792	VOLUME	450966.196	3765316.558	249.63
LOCATION	L0003793	VOLUME	450966.472	3765325.143	249.72
LOCATION	L0003794	VOLUME	450966.748	3765333.729	249.81
LOCATION	L0003795	VOLUME	450967.024	3765342.314	249.90
LOCATION	L0003796	VOLUME	450967.300	3765350.900	249.98
LOCATION	L0003797	VOLUME	450967.576	3765359.486	250.07
LOCATION	L0003798	VOLUME	450967.852	3765368.071	250.16
LOCATION	L0003799	VOLUME	450968.128	3765376.657	250.24
LOCATION	L0003800	VOLUME	450968.404	3765385.242	250.33
LOCATION	L0003801	VOLUME	450968.680	3765393.828	250.42
LOCATION	L0003802	VOLUME	450968.956	3765402.413	250.51
LOCATION	L0003803	VOLUME	450969.232	3765410.999	250.59
LOCATION	L0003804	VOLUME	450969.508	3765419.585	250.68
LOCATION	L0003805	VOLUME	450969.784	3765428.170	250.77
LOCATION	L0003806	VOLUME	450970.059	3765436.756	250.85
LOCATION	L0003807	VOLUME	450970.335	3765445.341	250.94
LOCATION	L0003808	VOLUME	450970.611	3765453.927	251.03
LOCATION	L0003809	VOLUME	450970.887	3765462.512	251.12
LOCATION	L0003810	VOLUME	450971.163	3765471.098	251.16
LOCATION	L0003811	VOLUME	450971.439	3765479.683	251.16
LOCATION	L0003812	VOLUME	450971.715	3765488.269	251.16
LOCATION	L0003813	VOLUME	450971.991	3765496.855	251.16

LOCATION	L0003814	VOLUME	450972.267	3765505.440	251.25
LOCATION	L0003815	VOLUME	450972.543	3765514.026	251.33
LOCATION	L0003816	VOLUME	450972.819	3765522.611	251.42
LOCATION	L0003817	VOLUME	450973.095	3765531.197	251.51
LOCATION	L0003818	VOLUME	450972.213	3765539.727	251.60
LOCATION	L0003819	VOLUME	450971.121	3765548.247	251.68
LOCATION	L0003820	VOLUME	450970.028	3765556.768	251.77
LOCATION	L0003821	VOLUME	450968.936	3765565.288	251.86
LOCATION	L0003822	VOLUME	450966.414	3765573.437	251.94
LOCATION	L0003823	VOLUME	450963.224	3765581.413	252.02
LOCATION	L0003824	VOLUME	450960.034	3765589.388	252.10
LOCATION	L0003825	VOLUME	450959.496	3765596.569	252.17
LOCATION	L0003826	VOLUME	450966.548	3765601.474	252.22
LOCATION	L0003827	VOLUME	450973.599	3765606.380	252.27
LOCATION	L0003828	VOLUME	450980.651	3765611.285	252.32
LOCATION	L0003829	VOLUME	450987.702	3765616.190	252.37
LOCATION	L0003830	VOLUME	450994.754	3765621.096	252.42
LOCATION	L0003831	VOLUME	451001.806	3765626.001	252.47
LOCATION	L0003832	VOLUME	451008.857	3765630.907	252.52
LOCATION	L0003833	VOLUME	451015.909	3765635.812	252.57
LOCATION	L0003834	VOLUME	451022.383	3765641.341	252.63
LOCATION	L0003835	VOLUME	451027.813	3765647.997	252.70
LOCATION	L0003836	VOLUME	451033.243	3765654.653	252.76
LOCATION	L0003837	VOLUME	451038.673	3765661.309	252.83
LOCATION	L0003838	VOLUME	451044.103	3765667.965	252.90
LOCATION	L0003839	VOLUME	451049.533	3765674.621	252.97
LOCATION	L0003840	VOLUME	451054.963	3765681.277	253.08
LOCATION	L0003841	VOLUME	451060.393	3765687.934	253.22
LOCATION	L0003842	VOLUME	451065.823	3765694.590	253.36
LOCATION	L0003843	VOLUME	451071.253	3765701.246	253.49
LOCATION	L0003844	VOLUME	451076.683	3765707.902	253.61
LOCATION	L0003845	VOLUME	451081.734	3765714.849	253.68
LOCATION	L0003846	VOLUME	451086.772	3765721.807	253.75
LOCATION	L0003847	VOLUME	451091.810	3765728.764	253.82
LOCATION	L0003848	VOLUME	451096.444	3765735.929	253.89
LOCATION	L0003849	VOLUME	451099.168	3765744.076	254.06
LOCATION	L0003850	VOLUME	451101.891	3765752.223	254.22
LOCATION	L0003851	VOLUME	451104.614	3765760.370	254.39
LOCATION	L0003852	VOLUME	451107.338	3765768.517	254.54
LOCATION	L0003853	VOLUME	451110.061	3765776.663	254.68
LOCATION	L0003854	VOLUME	451112.784	3765784.810	254.84
LOCATION	L0003855	VOLUME	451115.506	3765792.958	255.01
LOCATION	L0003856	VOLUME	451118.167	3765801.125	255.16
LOCATION	L0003857	VOLUME	451120.828	3765809.293	255.25
LOCATION	L0003858	VOLUME	451123.489	3765817.460	255.33
LOCATION	L0003859	VOLUME	451126.151	3765825.627	255.42
LOCATION	L0003860	VOLUME	451128.812	3765833.795	255.57
LOCATION	L0003861	VOLUME	451131.473	3765841.962	255.74
LOCATION	L0003862	VOLUME	451131.629	3765850.527	255.91
LOCATION	L0003863	VOLUME	451131.629	3765859.117	256.06

LOCATION	L0003864	VOLUME	451131.629	3765867.707	256.15
LOCATION	L0003865	VOLUME	451131.629	3765876.297	256.23
LOCATION	L0003866	VOLUME	451131.629	3765884.887	256.32
LOCATION	L0003867	VOLUME	451131.629	3765893.477	256.41
LOCATION	L0003868	VOLUME	451131.629	3765902.067	256.50
LOCATION	L0003869	VOLUME	451131.629	3765910.657	256.58
LOCATION	L0003870	VOLUME	451131.520	3765919.246	256.67
LOCATION	L0003871	VOLUME	451131.341	3765927.834	256.76
LOCATION	L0003872	VOLUME	451131.162	3765936.422	256.85
LOCATION	L0003873	VOLUME	451130.983	3765945.011	256.93
LOCATION	L0003874	VOLUME	451130.804	3765953.599	257.02
LOCATION	L0003875	VOLUME	451130.625	3765962.187	257.11
LOCATION	L0003876	VOLUME	451130.446	3765970.775	257.19
LOCATION	L0003877	VOLUME	451130.267	3765979.363	257.30
LOCATION	L0003878	VOLUME	451130.088	3765987.951	257.45
LOCATION	L0003879	VOLUME	451131.990	3765994.492	257.54
LOCATION	L0003880	VOLUME	451140.580	3765994.451	257.49
LOCATION	L0003881	VOLUME	451149.170	3765994.410	257.44
LOCATION	L0003882	VOLUME	451157.760	3765994.369	257.43
LOCATION	L0003883	VOLUME	451166.350	3765994.329	257.43
LOCATION	L0003884	VOLUME	451174.940	3765994.288	257.43
LOCATION	L0003885	VOLUME	451183.529	3765994.247	257.43
LOCATION	L0003886	VOLUME	451192.119	3765994.206	257.43
LOCATION	L0003887	VOLUME	451200.709	3765994.166	257.43
LOCATION	L0003888	VOLUME	451209.299	3765994.125	257.43
LOCATION	L0003889	VOLUME	451217.889	3765994.084	257.43
LOCATION	L0003890	VOLUME	451226.479	3765994.043	257.43
LOCATION	L0003891	VOLUME	451235.069	3765994.003	257.43
LOCATION	L0003892	VOLUME	451243.659	3765993.962	257.41
LOCATION	L0003893	VOLUME	451252.249	3765993.921	257.35
LOCATION	L0003894	VOLUME	451260.839	3765993.880	257.30
LOCATION	L0003895	VOLUME	451269.428	3765993.840	257.25
LOCATION	L0003896	VOLUME	451278.018	3765993.799	257.21
LOCATION	L0003897	VOLUME	451286.608	3765993.758	257.18
LOCATION	L0003898	VOLUME	451295.198	3765993.717	257.14
LOCATION	L0003899	VOLUME	451303.788	3765993.677	257.12
LOCATION	L0003900	VOLUME	451312.378	3765993.636	257.12
LOCATION	L0003901	VOLUME	451320.968	3765993.595	257.12
LOCATION	L0003902	VOLUME	451329.558	3765993.554	257.12
LOCATION	L0003903	VOLUME	451338.148	3765993.514	257.12
LOCATION	L0003904	VOLUME	451346.738	3765993.473	257.12
LOCATION	L0003905	VOLUME	451355.328	3765993.432	257.12
LOCATION	L0003906	VOLUME	451363.917	3765993.391	257.14
LOCATION	L0003907	VOLUME	451372.507	3765993.351	257.18
LOCATION	L0003908	VOLUME	451381.097	3765993.310	257.21
LOCATION	L0003909	VOLUME	451389.687	3765993.269	257.25
LOCATION	L0003910	VOLUME	451398.277	3765993.228	257.30
LOCATION	L0003911	VOLUME	451406.867	3765993.187	257.35
LOCATION	L0003912	VOLUME	451415.457	3765993.147	257.40
LOCATION	L0003913	VOLUME	451424.047	3765993.106	257.42

LOCATION L0003914	VOLUME	451432.637	3765993.065	257.42
LOCATION L0003915	VOLUME	451441.227	3765993.024	257.42
LOCATION L0003916	VOLUME	451449.816	3765992.984	257.42
LOCATION L0003917	VOLUME	451458.406	3765992.943	257.42
LOCATION L0003918	VOLUME	451466.996	3765992.902	257.42
LOCATION L0003919	VOLUME	451475.586	3765992.861	257.42
LOCATION L0003920	VOLUME	451484.176	3765992.821	257.44
LOCATION L0003921	VOLUME	451492.766	3765992.780	257.49
LOCATION L0003922	VOLUME	451501.356	3765992.739	257.54
LOCATION L0003923	VOLUME	451509.946	3765992.698	257.58
LOCATION L0003924	VOLUME	451518.536	3765992.658	257.58
LOCATION L0003925	VOLUME	451527.126	3765992.617	257.58
LOCATION L0003926	VOLUME	451535.715	3765992.576	257.58
LOCATION L0003927	VOLUME	451544.305	3765992.535	257.60
LOCATION L0003928	VOLUME	451552.895	3765992.495	257.64
LOCATION L0003929	VOLUME	451561.485	3765992.454	257.68
LOCATION L0003930	VOLUME	451570.075	3765992.413	257.72
LOCATION L0003931	VOLUME	451578.665	3765992.372	257.77
LOCATION L0003932	VOLUME	451587.255	3765992.332	257.81
LOCATION L0003933	VOLUME	451595.845	3765992.291	257.86

** END OF LINE VOLUME SOURCE ID = SLINE10

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE11

** DESCRSRC OFF-SITE TRAVEL 42% DWY. 1

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00008524

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 13

** 450966.556, 3765253.765, 249.01, 3.49, 4.00

** 450965.981, 3765309.849, 249.59, 3.49, 4.00

** 450973.137, 3765532.518, 251.45, 3.49, 4.00

** 450968.588, 3765568.002, 251.75, 3.49, 4.00

** 450957.670, 3765595.298, 252.05, 3.49, 4.00

** 451020.450, 3765638.972, 252.63, 3.49, 4.00

** 451076.862, 3765708.121, 253.55, 3.49, 4.00

** 451095.969, 3765734.507, 253.88, 3.49, 4.00

** 451115.416, 3765792.684, 255.06, 3.49, 4.00

** 451131.629, 3765842.440, 255.81, 3.49, 4.00

** 451131.629, 3765913.998, 256.61, 3.49, 4.00

** 451129.952, 3765994.501, 257.61, 3.49, 4.00

** 451601.232, 3765992.265, 257.87, 3.49, 4.00

**

LOCATION L0004492	VOLUME	450966.512	3765258.060	249.04
LOCATION L0004493	VOLUME	450966.424	3765266.649	249.13
LOCATION L0004494	VOLUME	450966.336	3765275.239	249.21
LOCATION L0004495	VOLUME	450966.248	3765283.829	249.30

LOCATION	L0004496	VOLUME	450966.159	3765292.418	249.39
LOCATION	L0004497	VOLUME	450966.071	3765301.008	249.48
LOCATION	L0004498	VOLUME	450965.983	3765309.597	249.56
LOCATION	L0004499	VOLUME	450966.248	3765318.183	249.65
LOCATION	L0004500	VOLUME	450966.524	3765326.768	249.74
LOCATION	L0004501	VOLUME	450966.800	3765335.354	249.82
LOCATION	L0004502	VOLUME	450967.076	3765343.940	249.91
LOCATION	L0004503	VOLUME	450967.352	3765352.525	250.00
LOCATION	L0004504	VOLUME	450967.628	3765361.111	250.09
LOCATION	L0004505	VOLUME	450967.904	3765369.696	250.17
LOCATION	L0004506	VOLUME	450968.180	3765378.282	250.26
LOCATION	L0004507	VOLUME	450968.456	3765386.867	250.35
LOCATION	L0004508	VOLUME	450968.732	3765395.453	250.44
LOCATION	L0004509	VOLUME	450969.008	3765404.039	250.52
LOCATION	L0004510	VOLUME	450969.284	3765412.624	250.61
LOCATION	L0004511	VOLUME	450969.560	3765421.210	250.70
LOCATION	L0004512	VOLUME	450969.836	3765429.795	250.78
LOCATION	L0004513	VOLUME	450970.112	3765438.381	250.87
LOCATION	L0004514	VOLUME	450970.388	3765446.966	250.96
LOCATION	L0004515	VOLUME	450970.664	3765455.552	251.05
LOCATION	L0004516	VOLUME	450970.940	3765464.138	251.13
LOCATION	L0004517	VOLUME	450971.216	3765472.723	251.16
LOCATION	L0004518	VOLUME	450971.491	3765481.309	251.16
LOCATION	L0004519	VOLUME	450971.767	3765489.894	251.16
LOCATION	L0004520	VOLUME	450972.043	3765498.480	251.18
LOCATION	L0004521	VOLUME	450972.319	3765507.065	251.26
LOCATION	L0004522	VOLUME	450972.595	3765515.651	251.35
LOCATION	L0004523	VOLUME	450972.871	3765524.236	251.44
LOCATION	L0004524	VOLUME	450973.099	3765532.820	251.53
LOCATION	L0004525	VOLUME	450972.006	3765541.340	251.61
LOCATION	L0004526	VOLUME	450970.914	3765549.860	251.70
LOCATION	L0004527	VOLUME	450969.822	3765558.381	251.79
LOCATION	L0004528	VOLUME	450968.729	3765566.901	251.87
LOCATION	L0004529	VOLUME	450965.810	3765574.947	251.95
LOCATION	L0004530	VOLUME	450962.620	3765582.922	252.03
LOCATION	L0004531	VOLUME	450959.430	3765590.898	252.12
LOCATION	L0004532	VOLUME	450960.831	3765597.497	252.18
LOCATION	L0004533	VOLUME	450967.883	3765602.403	252.23
LOCATION	L0004534	VOLUME	450974.934	3765607.308	252.28
LOCATION	L0004535	VOLUME	450981.986	3765612.214	252.33
LOCATION	L0004536	VOLUME	450989.037	3765617.119	252.38
LOCATION	L0004537	VOLUME	450996.089	3765622.024	252.43
LOCATION	L0004538	VOLUME	451003.140	3765626.930	252.48
LOCATION	L0004539	VOLUME	451010.192	3765631.835	252.53
LOCATION	L0004540	VOLUME	451017.244	3765636.741	252.58
LOCATION	L0004541	VOLUME	451023.411	3765642.601	252.64
LOCATION	L0004542	VOLUME	451028.841	3765649.257	252.71
LOCATION	L0004543	VOLUME	451034.271	3765655.913	252.78
LOCATION	L0004544	VOLUME	451039.701	3765662.569	252.84
LOCATION	L0004545	VOLUME	451045.131	3765669.225	252.91

LOCATION	L0004546	VOLUME	451050.561	3765675.881	252.98
LOCATION	L0004547	VOLUME	451055.991	3765682.537	253.11
LOCATION	L0004548	VOLUME	451061.421	3765689.193	253.25
LOCATION	L0004549	VOLUME	451066.851	3765695.850	253.38
LOCATION	L0004550	VOLUME	451072.281	3765702.506	253.52
LOCATION	L0004551	VOLUME	451077.649	3765709.209	253.62
LOCATION	L0004552	VOLUME	451082.688	3765716.166	253.69
LOCATION	L0004553	VOLUME	451087.726	3765723.124	253.76
LOCATION	L0004554	VOLUME	451092.764	3765730.081	253.83
LOCATION	L0004555	VOLUME	451096.960	3765737.471	253.92
LOCATION	L0004556	VOLUME	451099.683	3765745.618	254.09
LOCATION	L0004557	VOLUME	451102.406	3765753.765	254.25
LOCATION	L0004558	VOLUME	451105.130	3765761.912	254.42
LOCATION	L0004559	VOLUME	451107.853	3765770.059	254.57
LOCATION	L0004560	VOLUME	451110.576	3765778.206	254.71
LOCATION	L0004561	VOLUME	451113.300	3765786.352	254.87
LOCATION	L0004562	VOLUME	451116.009	3765794.504	255.05
LOCATION	L0004563	VOLUME	451118.671	3765802.671	255.18
LOCATION	L0004564	VOLUME	451121.332	3765810.839	255.26
LOCATION	L0004565	VOLUME	451123.993	3765819.006	255.35
LOCATION	L0004566	VOLUME	451126.654	3765827.173	255.44
LOCATION	L0004567	VOLUME	451129.316	3765835.341	255.61
LOCATION	L0004568	VOLUME	451131.629	3765843.563	255.77
LOCATION	L0004569	VOLUME	451131.629	3765852.153	255.95
LOCATION	L0004570	VOLUME	451131.629	3765860.743	256.08
LOCATION	L0004571	VOLUME	451131.629	3765869.333	256.16
LOCATION	L0004572	VOLUME	451131.629	3765877.923	256.25
LOCATION	L0004573	VOLUME	451131.629	3765886.513	256.34
LOCATION	L0004574	VOLUME	451131.629	3765895.103	256.43
LOCATION	L0004575	VOLUME	451131.629	3765903.693	256.51
LOCATION	L0004576	VOLUME	451131.629	3765912.283	256.60
LOCATION	L0004577	VOLUME	451131.486	3765920.872	256.69
LOCATION	L0004578	VOLUME	451131.307	3765929.460	256.77
LOCATION	L0004579	VOLUME	451131.128	3765938.048	256.86
LOCATION	L0004580	VOLUME	451130.949	3765946.636	256.95
LOCATION	L0004581	VOLUME	451130.770	3765955.224	257.04
LOCATION	L0004582	VOLUME	451130.591	3765963.812	257.12
LOCATION	L0004583	VOLUME	451130.412	3765972.401	257.21
LOCATION	L0004584	VOLUME	451130.233	3765980.989	257.33
LOCATION	L0004585	VOLUME	451130.054	3765989.577	257.47
LOCATION	L0004586	VOLUME	451133.616	3765994.484	257.53
LOCATION	L0004587	VOLUME	451142.206	3765994.443	257.48
LOCATION	L0004588	VOLUME	451150.796	3765994.403	257.43
LOCATION	L0004589	VOLUME	451159.386	3765994.362	257.43
LOCATION	L0004590	VOLUME	451167.976	3765994.321	257.43
LOCATION	L0004591	VOLUME	451176.566	3765994.280	257.43
LOCATION	L0004592	VOLUME	451185.155	3765994.239	257.43
LOCATION	L0004593	VOLUME	451193.745	3765994.199	257.43
LOCATION	L0004594	VOLUME	451202.335	3765994.158	257.43
LOCATION	L0004595	VOLUME	451210.925	3765994.117	257.43

LOCATION	L0004596	VOLUME	451219.515	3765994.076	257.43
LOCATION	L0004597	VOLUME	451228.105	3765994.036	257.43
LOCATION	L0004598	VOLUME	451236.695	3765993.995	257.43
LOCATION	L0004599	VOLUME	451245.285	3765993.954	257.40
LOCATION	L0004600	VOLUME	451253.875	3765993.913	257.34
LOCATION	L0004601	VOLUME	451262.465	3765993.873	257.29
LOCATION	L0004602	VOLUME	451271.054	3765993.832	257.24
LOCATION	L0004603	VOLUME	451279.644	3765993.791	257.21
LOCATION	L0004604	VOLUME	451288.234	3765993.750	257.17
LOCATION	L0004605	VOLUME	451296.824	3765993.710	257.13
LOCATION	L0004606	VOLUME	451305.414	3765993.669	257.12
LOCATION	L0004607	VOLUME	451314.004	3765993.628	257.12
LOCATION	L0004608	VOLUME	451322.594	3765993.587	257.12
LOCATION	L0004609	VOLUME	451331.184	3765993.547	257.12
LOCATION	L0004610	VOLUME	451339.774	3765993.506	257.12
LOCATION	L0004611	VOLUME	451348.364	3765993.465	257.12
LOCATION	L0004612	VOLUME	451356.954	3765993.424	257.12
LOCATION	L0004613	VOLUME	451365.543	3765993.384	257.15
LOCATION	L0004614	VOLUME	451374.133	3765993.343	257.18
LOCATION	L0004615	VOLUME	451382.723	3765993.302	257.22
LOCATION	L0004616	VOLUME	451391.313	3765993.261	257.26
LOCATION	L0004617	VOLUME	451399.903	3765993.221	257.31
LOCATION	L0004618	VOLUME	451408.493	3765993.180	257.36
LOCATION	L0004619	VOLUME	451417.083	3765993.139	257.41
LOCATION	L0004620	VOLUME	451425.673	3765993.098	257.42
LOCATION	L0004621	VOLUME	451434.263	3765993.057	257.42
LOCATION	L0004622	VOLUME	451442.853	3765993.017	257.42
LOCATION	L0004623	VOLUME	451451.442	3765992.976	257.42
LOCATION	L0004624	VOLUME	451460.032	3765992.935	257.42
LOCATION	L0004625	VOLUME	451468.622	3765992.894	257.42
LOCATION	L0004626	VOLUME	451477.212	3765992.854	257.42
LOCATION	L0004627	VOLUME	451485.802	3765992.813	257.45
LOCATION	L0004628	VOLUME	451494.392	3765992.772	257.50
LOCATION	L0004629	VOLUME	451502.982	3765992.731	257.55
LOCATION	L0004630	VOLUME	451511.572	3765992.691	257.58
LOCATION	L0004631	VOLUME	451520.162	3765992.650	257.58
LOCATION	L0004632	VOLUME	451528.752	3765992.609	257.58
LOCATION	L0004633	VOLUME	451537.341	3765992.568	257.58
LOCATION	L0004634	VOLUME	451545.931	3765992.528	257.61
LOCATION	L0004635	VOLUME	451554.521	3765992.487	257.65
LOCATION	L0004636	VOLUME	451563.111	3765992.446	257.69
LOCATION	L0004637	VOLUME	451571.701	3765992.405	257.73
LOCATION	L0004638	VOLUME	451580.291	3765992.365	257.78
LOCATION	L0004639	VOLUME	451588.881	3765992.324	257.82
LOCATION	L0004640	VOLUME	451597.471	3765992.283	257.87

** END OF LINE VOLUME SOURCE ID = SLINE11

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE12

** DESCRSRC OFF-SITE TRAVEL 8% DWY. 5

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** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00001294
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 3
** 451339.890, 3765232.798, 248.72, 3.49, 4.00
** 451594.212, 3765231.688, 249.34, 3.49, 4.00
** 451601.986, 3765996.875, 258.02, 3.49, 4.00

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LOCATION L0004083	VOLUME	451344.185	3765232.780	248.78
LOCATION L0004084	VOLUME	451352.775	3765232.742	248.78
LOCATION L0004085	VOLUME	451361.365	3765232.705	248.78
LOCATION L0004086	VOLUME	451369.954	3765232.667	248.78
LOCATION L0004087	VOLUME	451378.544	3765232.630	248.78
LOCATION L0004088	VOLUME	451387.134	3765232.592	248.78
LOCATION L0004089	VOLUME	451395.724	3765232.555	248.84
LOCATION L0004090	VOLUME	451404.314	3765232.517	248.93
LOCATION L0004091	VOLUME	451412.904	3765232.480	249.02
LOCATION L0004092	VOLUME	451421.494	3765232.442	249.08
LOCATION L0004093	VOLUME	451430.084	3765232.405	249.08
LOCATION L0004094	VOLUME	451438.674	3765232.367	249.08
LOCATION L0004095	VOLUME	451447.264	3765232.329	249.08
LOCATION L0004096	VOLUME	451455.854	3765232.292	249.08
LOCATION L0004097	VOLUME	451464.444	3765232.254	249.08
LOCATION L0004098	VOLUME	451473.033	3765232.217	249.08
LOCATION L0004099	VOLUME	451481.623	3765232.179	249.10
LOCATION L0004100	VOLUME	451490.213	3765232.142	249.17
LOCATION L0004101	VOLUME	451498.803	3765232.104	249.24
LOCATION L0004102	VOLUME	451507.393	3765232.067	249.31
LOCATION L0004103	VOLUME	451515.983	3765232.029	249.34
LOCATION L0004104	VOLUME	451524.573	3765231.992	249.36
LOCATION L0004105	VOLUME	451533.163	3765231.954	249.37
LOCATION L0004106	VOLUME	451541.753	3765231.917	249.38
LOCATION L0004107	VOLUME	451550.343	3765231.879	249.38
LOCATION L0004108	VOLUME	451558.933	3765231.842	249.38
LOCATION L0004109	VOLUME	451567.523	3765231.804	249.38
LOCATION L0004110	VOLUME	451576.112	3765231.767	249.38
LOCATION L0004111	VOLUME	451584.702	3765231.729	249.38
LOCATION L0004112	VOLUME	451593.292	3765231.692	249.38
LOCATION L0004113	VOLUME	451594.290	3765239.358	249.46
LOCATION L0004114	VOLUME	451594.377	3765247.948	249.55
LOCATION L0004115	VOLUME	451594.464	3765256.537	249.63
LOCATION L0004116	VOLUME	451594.551	3765265.127	249.72
LOCATION L0004117	VOLUME	451594.639	3765273.716	249.81
LOCATION L0004118	VOLUME	451594.726	3765282.306	249.90
LOCATION L0004119	VOLUME	451594.813	3765290.895	249.98
LOCATION L0004120	VOLUME	451594.901	3765299.485	250.07
LOCATION L0004121	VOLUME	451594.988	3765308.074	250.16

LOCATION	L0004122	VOLUME	451595.075	3765316.664	250.24
LOCATION	L0004123	VOLUME	451595.162	3765325.254	250.32
LOCATION	L0004124	VOLUME	451595.250	3765333.843	250.39
LOCATION	L0004125	VOLUME	451595.337	3765342.433	250.47
LOCATION	L0004126	VOLUME	451595.424	3765351.022	250.50
LOCATION	L0004127	VOLUME	451595.511	3765359.612	250.51
LOCATION	L0004128	VOLUME	451595.599	3765368.201	250.51
LOCATION	L0004129	VOLUME	451595.686	3765376.791	250.51
LOCATION	L0004130	VOLUME	451595.773	3765385.380	250.51
LOCATION	L0004131	VOLUME	451595.860	3765393.970	250.51
LOCATION	L0004132	VOLUME	451595.948	3765402.560	250.51
LOCATION	L0004133	VOLUME	451596.035	3765411.149	250.56
LOCATION	L0004134	VOLUME	451596.122	3765419.739	250.65
LOCATION	L0004135	VOLUME	451596.210	3765428.328	250.74
LOCATION	L0004136	VOLUME	451596.297	3765436.918	250.82
LOCATION	L0004137	VOLUME	451596.384	3765445.507	250.92
LOCATION	L0004138	VOLUME	451596.471	3765454.097	251.02
LOCATION	L0004139	VOLUME	451596.559	3765462.686	251.11
LOCATION	L0004140	VOLUME	451596.646	3765471.276	251.25
LOCATION	L0004141	VOLUME	451596.733	3765479.866	251.42
LOCATION	L0004142	VOLUME	451596.820	3765488.455	251.58
LOCATION	L0004143	VOLUME	451596.908	3765497.045	251.75
LOCATION	L0004144	VOLUME	451596.995	3765505.634	251.84
LOCATION	L0004145	VOLUME	451597.082	3765514.224	251.94
LOCATION	L0004146	VOLUME	451597.169	3765522.813	252.03
LOCATION	L0004147	VOLUME	451597.257	3765531.403	252.12
LOCATION	L0004148	VOLUME	451597.344	3765539.992	252.21
LOCATION	L0004149	VOLUME	451597.431	3765548.582	252.30
LOCATION	L0004150	VOLUME	451597.519	3765557.172	252.38
LOCATION	L0004151	VOLUME	451597.606	3765565.761	252.47
LOCATION	L0004152	VOLUME	451597.693	3765574.351	252.56
LOCATION	L0004153	VOLUME	451597.780	3765582.940	252.64
LOCATION	L0004154	VOLUME	451597.868	3765591.530	252.73
LOCATION	L0004155	VOLUME	451597.955	3765600.119	252.82
LOCATION	L0004156	VOLUME	451598.042	3765608.709	252.91
LOCATION	L0004157	VOLUME	451598.129	3765617.298	253.00
LOCATION	L0004158	VOLUME	451598.217	3765625.888	253.18
LOCATION	L0004159	VOLUME	451598.304	3765634.478	253.35
LOCATION	L0004160	VOLUME	451598.391	3765643.067	253.53
LOCATION	L0004161	VOLUME	451598.478	3765651.657	253.65
LOCATION	L0004162	VOLUME	451598.566	3765660.246	253.73
LOCATION	L0004163	VOLUME	451598.653	3765668.836	253.82
LOCATION	L0004164	VOLUME	451598.740	3765677.425	253.89
LOCATION	L0004165	VOLUME	451598.828	3765686.015	253.89
LOCATION	L0004166	VOLUME	451598.915	3765694.604	253.89
LOCATION	L0004167	VOLUME	451599.002	3765703.194	253.89
LOCATION	L0004168	VOLUME	451599.089	3765711.784	254.00
LOCATION	L0004169	VOLUME	451599.177	3765720.373	254.18
LOCATION	L0004170	VOLUME	451599.264	3765728.963	254.35
LOCATION	L0004171	VOLUME	451599.351	3765737.552	254.53

LOCATION L0004172	VOLUME	451599.438	3765746.142	254.71
LOCATION L0004173	VOLUME	451599.526	3765754.731	254.88
LOCATION L0004174	VOLUME	451599.613	3765763.321	255.06
LOCATION L0004175	VOLUME	451599.700	3765771.910	255.23
LOCATION L0004176	VOLUME	451599.788	3765780.500	255.41
LOCATION L0004177	VOLUME	451599.875	3765789.090	255.58
LOCATION L0004178	VOLUME	451599.962	3765797.679	255.74
LOCATION L0004179	VOLUME	451600.049	3765806.269	255.83
LOCATION L0004180	VOLUME	451600.137	3765814.858	255.92
LOCATION L0004181	VOLUME	451600.224	3765823.448	256.00
LOCATION L0004182	VOLUME	451600.311	3765832.037	256.09
LOCATION L0004183	VOLUME	451600.398	3765840.627	256.18
LOCATION L0004184	VOLUME	451600.486	3765849.216	256.26
LOCATION L0004185	VOLUME	451600.573	3765857.806	256.35
LOCATION L0004186	VOLUME	451600.660	3765866.396	256.44
LOCATION L0004187	VOLUME	451600.747	3765874.985	256.53
LOCATION L0004188	VOLUME	451600.835	3765883.575	256.61
LOCATION L0004189	VOLUME	451600.922	3765892.164	256.70
LOCATION L0004190	VOLUME	451601.009	3765900.754	256.80
LOCATION L0004191	VOLUME	451601.097	3765909.343	256.89
LOCATION L0004192	VOLUME	451601.184	3765917.933	256.98
LOCATION L0004193	VOLUME	451601.271	3765926.522	257.06
LOCATION L0004194	VOLUME	451601.358	3765935.112	257.14
LOCATION L0004195	VOLUME	451601.446	3765943.702	257.23
LOCATION L0004196	VOLUME	451601.533	3765952.291	257.32
LOCATION L0004197	VOLUME	451601.620	3765960.881	257.41
LOCATION L0004198	VOLUME	451601.707	3765969.470	257.50
LOCATION L0004199	VOLUME	451601.795	3765978.060	257.61
LOCATION L0004200	VOLUME	451601.882	3765986.649	257.78
LOCATION L0004201	VOLUME	451601.969	3765995.239	257.95

** END OF LINE VOLUME SOURCE ID = SLINE12

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE13

** DESCRSRC OFF-SITE TRAVEL 7% DWY. 7

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00001387

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 4

** 451335.447, 3765008.462, 246.84, 3.49, 4.00

** 451337.673, 3765236.106, 248.72, 3.49, 4.00

** 451594.212, 3765231.688, 249.34, 3.49, 4.00

** 451601.986, 3765996.875, 258.02, 3.49, 4.00

** -----

LOCATION L0004202	VOLUME	451335.489	3765012.757	246.85
LOCATION L0004203	VOLUME	451335.573	3765021.346	246.94
LOCATION L0004204	VOLUME	451335.657	3765029.936	247.03

LOCATION	L0004205	VOLUME	451335.741	3765038.525	247.11
LOCATION	L0004206	VOLUME	451335.825	3765047.115	247.20
LOCATION	L0004207	VOLUME	451335.909	3765055.705	247.29
LOCATION	L0004208	VOLUME	451335.993	3765064.294	247.38
LOCATION	L0004209	VOLUME	451336.077	3765072.884	247.46
LOCATION	L0004210	VOLUME	451336.161	3765081.473	247.55
LOCATION	L0004211	VOLUME	451336.245	3765090.063	247.64
LOCATION	L0004212	VOLUME	451336.329	3765098.653	247.72
LOCATION	L0004213	VOLUME	451336.413	3765107.242	247.81
LOCATION	L0004214	VOLUME	451336.497	3765115.832	247.90
LOCATION	L0004215	VOLUME	451336.581	3765124.421	247.99
LOCATION	L0004216	VOLUME	451336.665	3765133.011	248.07
LOCATION	L0004217	VOLUME	451336.749	3765141.601	248.16
LOCATION	L0004218	VOLUME	451336.833	3765150.190	248.25
LOCATION	L0004219	VOLUME	451336.917	3765158.780	248.34
LOCATION	L0004220	VOLUME	451337.001	3765167.369	248.42
LOCATION	L0004221	VOLUME	451337.085	3765175.959	248.51
LOCATION	L0004222	VOLUME	451337.169	3765184.549	248.60
LOCATION	L0004223	VOLUME	451337.253	3765193.138	248.68
LOCATION	L0004224	VOLUME	451337.337	3765201.728	248.72
LOCATION	L0004225	VOLUME	451337.421	3765210.317	248.72
LOCATION	L0004226	VOLUME	451337.505	3765218.907	248.72
LOCATION	L0004227	VOLUME	451337.589	3765227.496	248.73
LOCATION	L0004228	VOLUME	451337.673	3765236.086	248.82
LOCATION	L0004229	VOLUME	451346.242	3765235.958	248.81
LOCATION	L0004230	VOLUME	451354.831	3765235.810	248.81
LOCATION	L0004231	VOLUME	451363.420	3765235.662	248.81
LOCATION	L0004232	VOLUME	451372.008	3765235.515	248.81
LOCATION	L0004233	VOLUME	451380.597	3765235.367	248.81
LOCATION	L0004234	VOLUME	451389.186	3765235.219	248.81
LOCATION	L0004235	VOLUME	451397.775	3765235.071	248.89
LOCATION	L0004236	VOLUME	451406.363	3765234.923	248.98
LOCATION	L0004237	VOLUME	451414.952	3765234.775	249.06
LOCATION	L0004238	VOLUME	451423.541	3765234.627	249.11
LOCATION	L0004239	VOLUME	451432.130	3765234.479	249.10
LOCATION	L0004240	VOLUME	451440.718	3765234.331	249.10
LOCATION	L0004241	VOLUME	451449.307	3765234.183	249.10
LOCATION	L0004242	VOLUME	451457.896	3765234.035	249.10
LOCATION	L0004243	VOLUME	451466.484	3765233.887	249.10
LOCATION	L0004244	VOLUME	451475.073	3765233.740	249.10
LOCATION	L0004245	VOLUME	451483.662	3765233.592	249.13
LOCATION	L0004246	VOLUME	451492.251	3765233.444	249.19
LOCATION	L0004247	VOLUME	451500.839	3765233.296	249.26
LOCATION	L0004248	VOLUME	451509.428	3765233.148	249.33
LOCATION	L0004249	VOLUME	451518.017	3765233.000	249.35
LOCATION	L0004250	VOLUME	451526.606	3765232.852	249.36
LOCATION	L0004251	VOLUME	451535.194	3765232.704	249.38
LOCATION	L0004252	VOLUME	451543.783	3765232.556	249.39
LOCATION	L0004253	VOLUME	451552.372	3765232.408	249.39
LOCATION	L0004254	VOLUME	451560.960	3765232.260	249.39

LOCATION	L0004255	VOLUME	451569.549	3765232.113	249.39
LOCATION	L0004256	VOLUME	451578.138	3765231.965	249.38
LOCATION	L0004257	VOLUME	451586.727	3765231.817	249.38
LOCATION	L0004258	VOLUME	451594.223	3765232.791	249.39
LOCATION	L0004259	VOLUME	451594.310	3765241.381	249.48
LOCATION	L0004260	VOLUME	451594.398	3765249.971	249.57
LOCATION	L0004261	VOLUME	451594.485	3765258.560	249.65
LOCATION	L0004262	VOLUME	451594.572	3765267.150	249.74
LOCATION	L0004263	VOLUME	451594.659	3765275.739	249.83
LOCATION	L0004264	VOLUME	451594.747	3765284.329	249.92
LOCATION	L0004265	VOLUME	451594.834	3765292.918	250.00
LOCATION	L0004266	VOLUME	451594.921	3765301.508	250.09
LOCATION	L0004267	VOLUME	451595.008	3765310.097	250.18
LOCATION	L0004268	VOLUME	451595.096	3765318.687	250.26
LOCATION	L0004269	VOLUME	451595.183	3765327.277	250.34
LOCATION	L0004270	VOLUME	451595.270	3765335.866	250.41
LOCATION	L0004271	VOLUME	451595.357	3765344.456	250.49
LOCATION	L0004272	VOLUME	451595.445	3765353.045	250.50
LOCATION	L0004273	VOLUME	451595.532	3765361.635	250.51
LOCATION	L0004274	VOLUME	451595.619	3765370.224	250.51
LOCATION	L0004275	VOLUME	451595.707	3765378.814	250.51
LOCATION	L0004276	VOLUME	451595.794	3765387.403	250.51
LOCATION	L0004277	VOLUME	451595.881	3765395.993	250.51
LOCATION	L0004278	VOLUME	451595.968	3765404.583	250.51
LOCATION	L0004279	VOLUME	451596.056	3765413.172	250.58
LOCATION	L0004280	VOLUME	451596.143	3765421.762	250.67
LOCATION	L0004281	VOLUME	451596.230	3765430.351	250.76
LOCATION	L0004282	VOLUME	451596.317	3765438.941	250.85
LOCATION	L0004283	VOLUME	451596.405	3765447.530	250.94
LOCATION	L0004284	VOLUME	451596.492	3765456.120	251.04
LOCATION	L0004285	VOLUME	451596.579	3765464.710	251.14
LOCATION	L0004286	VOLUME	451596.666	3765473.299	251.29
LOCATION	L0004287	VOLUME	451596.754	3765481.889	251.46
LOCATION	L0004288	VOLUME	451596.841	3765490.478	251.62
LOCATION	L0004289	VOLUME	451596.928	3765499.068	251.77
LOCATION	L0004290	VOLUME	451597.016	3765507.657	251.86
LOCATION	L0004291	VOLUME	451597.103	3765516.247	251.96
LOCATION	L0004292	VOLUME	451597.190	3765524.836	252.05
LOCATION	L0004293	VOLUME	451597.277	3765533.426	252.14
LOCATION	L0004294	VOLUME	451597.365	3765542.016	252.23
LOCATION	L0004295	VOLUME	451597.452	3765550.605	252.32
LOCATION	L0004296	VOLUME	451597.539	3765559.195	252.40
LOCATION	L0004297	VOLUME	451597.626	3765567.784	252.49
LOCATION	L0004298	VOLUME	451597.714	3765576.374	252.58
LOCATION	L0004299	VOLUME	451597.801	3765584.963	252.67
LOCATION	L0004300	VOLUME	451597.888	3765593.553	252.75
LOCATION	L0004301	VOLUME	451597.975	3765602.142	252.84
LOCATION	L0004302	VOLUME	451598.063	3765610.732	252.93
LOCATION	L0004303	VOLUME	451598.150	3765619.322	253.04
LOCATION	L0004304	VOLUME	451598.237	3765627.911	253.22

LOCATION	L0004305	VOLUME	451598.325	3765636.501	253.39
LOCATION	L0004306	VOLUME	451598.412	3765645.090	253.57
LOCATION	L0004307	VOLUME	451598.499	3765653.680	253.67
LOCATION	L0004308	VOLUME	451598.586	3765662.269	253.75
LOCATION	L0004309	VOLUME	451598.674	3765670.859	253.84
LOCATION	L0004310	VOLUME	451598.761	3765679.448	253.89
LOCATION	L0004311	VOLUME	451598.848	3765688.038	253.89
LOCATION	L0004312	VOLUME	451598.935	3765696.628	253.89
LOCATION	L0004313	VOLUME	451599.023	3765705.217	253.89
LOCATION	L0004314	VOLUME	451599.110	3765713.807	254.04
LOCATION	L0004315	VOLUME	451599.197	3765722.396	254.22
LOCATION	L0004316	VOLUME	451599.284	3765730.986	254.40
LOCATION	L0004317	VOLUME	451599.372	3765739.575	254.57
LOCATION	L0004318	VOLUME	451599.459	3765748.165	254.75
LOCATION	L0004319	VOLUME	451599.546	3765756.754	254.92
LOCATION	L0004320	VOLUME	451599.634	3765765.344	255.10
LOCATION	L0004321	VOLUME	451599.721	3765773.934	255.27
LOCATION	L0004322	VOLUME	451599.808	3765782.523	255.45
LOCATION	L0004323	VOLUME	451599.895	3765791.113	255.62
LOCATION	L0004324	VOLUME	451599.983	3765799.702	255.76
LOCATION	L0004325	VOLUME	451600.070	3765808.292	255.85
LOCATION	L0004326	VOLUME	451600.157	3765816.881	255.94
LOCATION	L0004327	VOLUME	451600.244	3765825.471	256.02
LOCATION	L0004328	VOLUME	451600.332	3765834.060	256.11
LOCATION	L0004329	VOLUME	451600.419	3765842.650	256.20
LOCATION	L0004330	VOLUME	451600.506	3765851.240	256.29
LOCATION	L0004331	VOLUME	451600.593	3765859.829	256.37
LOCATION	L0004332	VOLUME	451600.681	3765868.419	256.46
LOCATION	L0004333	VOLUME	451600.768	3765877.008	256.55
LOCATION	L0004334	VOLUME	451600.855	3765885.598	256.63
LOCATION	L0004335	VOLUME	451600.943	3765894.187	256.73
LOCATION	L0004336	VOLUME	451601.030	3765902.777	256.82
LOCATION	L0004337	VOLUME	451601.117	3765911.366	256.91
LOCATION	L0004338	VOLUME	451601.204	3765919.956	257.00
LOCATION	L0004339	VOLUME	451601.292	3765928.546	257.08
LOCATION	L0004340	VOLUME	451601.379	3765937.135	257.16
LOCATION	L0004341	VOLUME	451601.466	3765945.725	257.25
LOCATION	L0004342	VOLUME	451601.553	3765954.314	257.34
LOCATION	L0004343	VOLUME	451601.641	3765962.904	257.43
LOCATION	L0004344	VOLUME	451601.728	3765971.493	257.53
LOCATION	L0004345	VOLUME	451601.815	3765980.083	257.65
LOCATION	L0004346	VOLUME	451601.902	3765988.672	257.82

** END OF LINE VOLUME SOURCE ID = SLINE13

** SOURCE PARAMETERS **

** LINE VOLUME SOURCE ID = SLINE1

SRCPARAM	L0003073	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003074	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003075	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003076	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003077	0.000004822	3.49	4.00	3.25

SRCPARAM	L0003078	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003079	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003080	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003081	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003082	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003083	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003084	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003085	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003086	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003087	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003088	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003089	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003090	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003091	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003092	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003093	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003094	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003095	0.000004822	3.49	4.00	3.25

**

** LINE VOLUME SOURCE ID = SLINE2

SRCPARAM	L0003096	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003097	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003098	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003099	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003100	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003101	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003102	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003103	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003104	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003105	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003106	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003107	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003108	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003109	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003110	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003111	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003112	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003113	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003114	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003115	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003116	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003117	0.000004822	3.49	4.00	3.25
SRCPARAM	L0003118	0.000004822	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE3

SRCPARAM	L0003119	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003120	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003121	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003122	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003123	0.000002156	3.49	4.00	3.25

[illegible]

SRCPARAM	L0003174	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003175	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003176	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003177	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003178	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003179	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003180	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003181	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003182	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003183	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003184	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003185	0.000002156	3.49	4.00	3.25
SRCPARAM	L0003186	0.000002156	3.49	4.00	3.25

**

** LINE VOLUME SOURCE ID = SLINE4

SRCPARAM	L0003187	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003188	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003189	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003190	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003191	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003192	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003193	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003194	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003195	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003196	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003197	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003198	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003199	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003200	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003201	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003202	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003203	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003204	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003205	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003206	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003207	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003208	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003209	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003210	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003211	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003212	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003213	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003214	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003215	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003216	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003217	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003218	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003219	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003220	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003221	0.000002188	3.49	4.00	3.25

SRCPARAM	L0003222	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003223	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003224	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003225	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003226	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003227	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003228	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003229	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003230	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003231	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003232	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003233	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003234	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003235	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003236	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003237	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003238	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003239	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003240	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003241	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003242	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003243	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003244	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003245	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003246	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003247	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003248	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003249	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003250	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003251	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003252	0.000002188	3.49	4.00	3.25
SRCPARAM	L0003253	0.000002188	3.49	4.00	3.25

**

** LINE VOLUME SOURCE ID = SLINE5

SRCPARAM	L0003254	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003255	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003256	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003257	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003258	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003259	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003260	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003261	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003262	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003263	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003264	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003265	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003266	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003267	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003268	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003269	0.0000007961	3.49	4.00	3.25

SRCPARAM	L0003270	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003271	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003272	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003273	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003274	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003275	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003276	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003277	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003278	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003279	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003280	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003281	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003282	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003283	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003284	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003285	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003286	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003287	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003288	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003289	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003290	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003291	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003292	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003293	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003294	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003295	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003296	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003297	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003298	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003299	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003300	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003301	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003302	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003303	0.0000007961	3.49	4.00	3.25
SRCPARAM	L0003304	0.0000007961	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE6

SRCPARAM	L0003305	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003306	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003307	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003308	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003309	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003310	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003311	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003312	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003313	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003314	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003315	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003316	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003317	0.0000007446	3.49	4.00	3.25

SRCPARAM	L0003318	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003319	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003320	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003321	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003322	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003323	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003324	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003325	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003326	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003327	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003328	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003329	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003330	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003331	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003332	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003333	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003334	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003335	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003336	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003337	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003338	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003339	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003340	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003341	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003342	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003343	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003344	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003345	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003346	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003347	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003348	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003349	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003350	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003351	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003352	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003353	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003354	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003355	0.0000007446	3.49	4.00	3.25
SRCPARAM	L0003356	0.0000007446	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE7

SRCPARAM	L0003357	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003358	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003359	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003360	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003361	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003362	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003363	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003364	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003365	0.000001274	3.49	4.00	3.25

[illegible]

SRCPARAM	L0003416	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003417	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003418	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003419	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003420	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003421	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003422	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003423	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003424	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003425	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003426	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003427	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003428	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003429	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003430	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003431	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003432	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003433	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003434	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003435	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003436	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003437	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003438	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003439	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003440	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003441	0.000001274	3.49	4.00	3.25
SRCPARAM	L0003442	0.000001274	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE8

SRCPARAM	L0003443	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003444	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003445	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003446	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003447	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003448	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003449	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003450	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003451	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003452	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003453	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003454	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003455	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003456	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003457	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003458	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003459	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003460	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003461	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003462	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003463	0.000001269	3.49	4.00	3.25

[illegible]

SRCPARAM	L0003514	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003515	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003516	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003517	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003518	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003519	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003520	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003521	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003522	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003523	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003524	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003525	0.000001269	3.49	4.00	3.25
SRCPARAM	L0003526	0.000001269	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE9

SRCPARAM	L0003527	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003528	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003529	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003530	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003531	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003532	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003533	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003534	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003535	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003536	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003537	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003538	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003539	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003540	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003541	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003542	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003543	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003544	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003545	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003546	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003547	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003548	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003549	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003550	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003551	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003552	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003553	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003554	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003555	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003556	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003557	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003558	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003559	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003560	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003561	0.000000068	3.49	4.00	3.25

[illegible]

[illegible]

[illegible]

SRCPARAM	L0003712	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003713	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003714	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003715	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003716	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003717	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003718	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003719	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003720	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003721	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003722	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003723	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003724	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003725	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003726	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003727	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003728	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003729	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003730	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003731	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003732	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003733	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003734	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003735	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003736	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003737	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003738	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003739	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003740	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003741	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003742	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003743	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003744	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003745	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003746	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003747	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003748	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003749	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003750	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003751	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003752	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003753	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003754	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003755	0.000000068	3.49	4.00	3.25
SRCPARAM	L0003756	0.000000068	3.49	4.00	3.25

**

** LINE VOLUME SOURCE ID = SLINE10

SRCPARAM	L0003757	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003758	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003759	0.0000005182	3.49	4.00	3.25

[illegible]

[illegible]

[illegible]

SRCPARAM	L0003910	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003911	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003912	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003913	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003914	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003915	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003916	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003917	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003918	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003919	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003920	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003921	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003922	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003923	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003924	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003925	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003926	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003927	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003928	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003929	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003930	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003931	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003932	0.0000005182	3.49	4.00	3.25
SRCPARAM	L0003933	0.0000005182	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE11

SRCPARAM	L0004492	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004493	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004494	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004495	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004496	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004497	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004498	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004499	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004500	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004501	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004502	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004503	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004504	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004505	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004506	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004507	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004508	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004509	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004510	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004511	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004512	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004513	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004514	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004515	0.0000005721	3.49	4.00	3.25

[illegible]

[illegible]

SRCPARAM	L0004616	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004617	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004618	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004619	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004620	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004621	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004622	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004623	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004624	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004625	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004626	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004627	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004628	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004629	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004630	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004631	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004632	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004633	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004634	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004635	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004636	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004637	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004638	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004639	0.0000005721	3.49	4.00	3.25
SRCPARAM	L0004640	0.0000005721	3.49	4.00	3.25

**

** LINE VOLUME SOURCE ID = SLINE12

SRCPARAM	L0004083	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004084	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004085	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004086	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004087	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004088	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004089	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004090	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004091	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004092	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004093	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004094	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004095	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004096	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004097	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004098	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004099	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004100	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004101	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004102	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004103	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004104	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004105	0.0000001087	3.49	4.00	3.25

[illegible]

SRCPARAM	L0004156	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004157	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004158	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004159	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004160	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004161	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004162	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004163	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004164	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004165	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004166	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004167	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004168	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004169	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004170	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004171	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004172	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004173	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004174	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004175	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004176	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004177	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004178	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004179	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004180	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004181	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004182	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004183	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004184	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004185	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004186	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004187	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004188	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004189	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004190	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004191	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004192	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004193	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004194	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004195	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004196	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004197	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004198	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004199	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004200	0.0000001087	3.49	4.00	3.25
SRCPARAM	L0004201	0.0000001087	3.49	4.00	3.25

**

** LINE VOLUME SOURCE ID = SLINE13

SRCPARAM	L0004202	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004203	0.00000009566	3.49	4.00	3.25

[illegible]

[illegible]

SRCPARAM	L0004304	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004305	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004306	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004307	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004308	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004309	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004310	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004311	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004312	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004313	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004314	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004315	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004316	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004317	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004318	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004319	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004320	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004321	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004322	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004323	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004324	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004325	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004326	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004327	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004328	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004329	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004330	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004331	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004332	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004333	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004334	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004335	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004336	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004337	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004338	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004339	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004340	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004341	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004342	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004343	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004344	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004345	0.00000009566	3.49	4.00	3.25
SRCPARAM	L0004346	0.00000009566	3.49	4.00	3.25

**

URBANSRC ALL

SRCGROUP ALL

SO FINISHED

**

** AERMOD RECEPTOR PATHWAY

**

**

RE STARTING

INCLUDED "13575-03 OPS HRA.ROU"

RE FINISHED

**

** AERMOD METEOROLOGY PATHWAY

**

**

ME STARTING

SURFFILE KRAL_V9_ADJU\KRAL_V9.SFC

PROFFILE KRAL_V9_ADJU\KRAL_V9.PFL

SURFDATA 3171 2012

UAIRDATA 3190 2012

PROFBASE 245.0 METERS

ME FINISHED

**

** AERMOD OUTPUT PATHWAY

**

**

OU STARTING

** AUTO-GENERATED PLOTFILES

PLOTFILE ANNUAL ALL "13575-03 OPS HRA.AD\AN00GALL.PLT" 31

SUMMFILE "13575-03 OPS HRA.SUM"

OU FINISHED

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

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

A Total of	0 Fatal Error Message(s)
A Total of	2 Warning Message(s)
A Total of	0 Informational Message(s)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W186 2868 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50

ME W187 2868 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC *** 02/08/21
*** AERMET - VERSION 16216 *** ***
*** 20:59:46

PAGE 1
*** MODELOPTs: RegDEFAULT 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 1274 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

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

**Other Options Specified:

ADJ_U* - Use ADJ_U* option for SBL in AERMET

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 1274 Source(s); 1 Source Group(s); and

Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 1274 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 ANNUAL Averages by Receptor

Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 245.00 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.0 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: 13575-03 OPS HRA.ERR

**File for Summary of Results: 13575-03 OPS HRA.SUM

▲ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC *** 02/08/21
*** AERMET - VERSION 16216 *** ***
*** 20:59:46

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0003073		0	0.48220E-05	451064.9	3765229.4	248.8	3.49	4.00
3.25	YES							
L0003074		0	0.48220E-05	451073.5	3765229.4	248.8	3.49	4.00
3.25	YES							
L0003075		0	0.48220E-05	451082.1	3765229.4	248.8	3.49	4.00
3.25	YES							
L0003076		0	0.48220E-05	451090.7	3765229.3	248.8	3.49	4.00
3.25	YES							
L0003077		0	0.48220E-05	451099.3	3765229.3	248.8	3.49	4.00
3.25	YES							
L0003078		0	0.48220E-05	451107.9	3765229.2	248.8	3.49	4.00
3.25	YES							
L0003079		0	0.48220E-05	451116.4	3765229.2	248.8	3.49	4.00
3.25	YES							
L0003080		0	0.48220E-05	451125.0	3765229.1	248.8	3.49	4.00
3.25	YES							
L0003081		0	0.48220E-05	451133.6	3765229.1	248.7	3.49	4.00
3.25	YES							
L0003082		0	0.48220E-05	451142.2	3765229.1	248.7	3.49	4.00
3.25	YES							
L0003083		0	0.48220E-05	451150.8	3765229.0	248.7	3.49	4.00
3.25	YES							
L0003084		0	0.48220E-05	451159.4	3765229.0	248.7	3.49	4.00
3.25	YES							
L0003085		0	0.48220E-05	451168.0	3765228.9	248.7	3.49	4.00
3.25	YES							
L0003086		0	0.48220E-05	451176.6	3765228.9	248.7	3.49	4.00
3.25	YES							
L0003087		0	0.48220E-05	451185.2	3765228.8	248.7	3.49	4.00
3.25	YES							
L0003088		0	0.48220E-05	451193.8	3765228.8	248.7	3.49	4.00
3.25	YES							
L0003089		0	0.48220E-05	451202.3	3765228.7	248.7	3.49	4.00
3.25	YES							

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0003113		0	0.48220E-05	451207.0	3765032.9	247.1	3.49	4.00
3.25	YES							
L0003114		0	0.48220E-05	451215.5	3765032.8	247.1	3.49	4.00
3.25	YES							
L0003115		0	0.48220E-05	451224.1	3765032.8	247.1	3.49	4.00
3.25	YES							
L0003116		0	0.48220E-05	451232.7	3765032.7	247.1	3.49	4.00
3.25	YES							
L0003117		0	0.48220E-05	451241.3	3765032.7	247.1	3.49	4.00
3.25	YES							
L0003118		0	0.48220E-05	451249.9	3765032.7	247.1	3.49	4.00
3.25	YES							
L0003119		0	0.21560E-05	450251.6	3765256.3	249.9	3.49	4.00
3.25	YES							
L0003120		0	0.21560E-05	450260.2	3765256.1	249.8	3.49	4.00
3.25	YES							
L0003121		0	0.21560E-05	450268.8	3765256.0	249.7	3.49	4.00
3.25	YES							
L0003122		0	0.21560E-05	450277.4	3765255.9	249.7	3.49	4.00
3.25	YES							
L0003123		0	0.21560E-05	450286.0	3765255.8	249.6	3.49	4.00
3.25	YES							
L0003124		0	0.21560E-05	450294.6	3765255.7	249.5	3.49	4.00
3.25	YES							
L0003125		0	0.21560E-05	450303.2	3765255.5	249.4	3.49	4.00
3.25	YES							
L0003126		0	0.21560E-05	450311.8	3765255.4	249.3	3.49	4.00
3.25	YES							
L0003127		0	0.21560E-05	450320.4	3765255.3	249.3	3.49	4.00
3.25	YES							
L0003128		0	0.21560E-05	450328.9	3765255.2	249.3	3.49	4.00
3.25	YES							
L0003129		0	0.21560E-05	450337.5	3765255.1	249.3	3.49	4.00
3.25	YES							

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003153		0	0.21560E-05	450543.7	3765252.3	249.3	3.49	4.00
3.25	YES							
L0003154		0	0.21560E-05	450552.3	3765252.2	249.3	3.49	4.00
3.25	YES							
L0003155		0	0.21560E-05	450560.9	3765252.0	249.3	3.49	4.00
3.25	YES							
L0003156		0	0.21560E-05	450569.4	3765251.9	249.3	3.49	4.00
3.25	YES							
L0003157		0	0.21560E-05	450578.0	3765251.8	249.3	3.49	4.00
3.25	YES							
L0003158		0	0.21560E-05	450586.6	3765251.7	249.3	3.49	4.00
3.25	YES							
L0003159		0	0.21560E-05	450595.2	3765251.6	249.3	3.49	4.00
3.25	YES							
L0003160		0	0.21560E-05	450603.8	3765251.5	249.3	3.49	4.00
3.25	YES							
L0003161		0	0.21560E-05	450612.4	3765251.3	249.3	3.49	4.00
3.25	YES							
L0003162		0	0.21560E-05	450621.0	3765251.2	249.3	3.49	4.00
3.25	YES							
L0003163		0	0.21560E-05	450629.6	3765251.1	249.3	3.49	4.00
3.25	YES							
L0003164		0	0.21560E-05	450638.2	3765251.0	249.3	3.49	4.00
3.25	YES							
L0003165		0	0.21560E-05	450646.7	3765250.9	249.3	3.49	4.00
3.25	YES							
L0003166		0	0.21560E-05	450655.3	3765250.8	249.3	3.49	4.00
3.25	YES							
L0003167		0	0.21560E-05	450663.9	3765250.6	249.3	3.49	4.00
3.25	YES							
L0003168		0	0.21560E-05	450672.5	3765250.5	249.3	3.49	4.00
3.25	YES							
L0003169		0	0.21560E-05	450681.1	3765250.4	249.3	3.49	4.00
3.25	YES							

L0003170	0	0.21560E-05	450689.7	3765250.3	249.3	3.49	4.00
3.25 YES							
L0003171	0	0.21560E-05	450698.3	3765250.2	249.3	3.49	4.00
3.25 YES							
L0003172	0	0.21560E-05	450706.9	3765250.0	249.3	3.49	4.00
3.25 YES							
L0003173	0	0.21560E-05	450715.5	3765249.9	249.3	3.49	4.00
3.25 YES							
L0003174	0	0.21560E-05	450724.0	3765249.8	249.3	3.49	4.00
3.25 YES							
L0003175	0	0.21560E-05	450732.6	3765249.7	249.2	3.49	4.00
3.25 YES							
L0003176	0	0.21560E-05	450741.2	3765249.6	249.2	3.49	4.00
3.25 YES							
L0003177	0	0.21560E-05	450749.8	3765249.5	249.1	3.49	4.00
3.25 YES							
L0003178	0	0.21560E-05	450758.4	3765249.3	249.0	3.49	4.00
3.25 YES							
L0003179	0	0.21560E-05	450767.0	3765249.2	249.0	3.49	4.00
3.25 YES							
L0003180	0	0.21560E-05	450775.6	3765249.1	249.0	3.49	4.00
3.25 YES							
L0003181	0	0.21560E-05	450784.2	3765249.0	249.0	3.49	4.00
3.25 YES							
L0003182	0	0.21560E-05	450792.8	3765248.9	249.0	3.49	4.00
3.25 YES							
L0003183	0	0.21560E-05	450801.4	3765248.8	249.0	3.49	4.00
3.25 YES							
L0003184	0	0.21560E-05	450809.9	3765248.6	249.0	3.49	4.00
3.25 YES							
L0003185	0	0.21560E-05	450818.5	3765248.5	249.0	3.49	4.00
3.25 YES							
L0003186	0	0.21560E-05	450827.1	3765248.4	249.0	3.49	4.00
3.25 YES							
L0003187	0	0.21880E-05	450253.5	3765042.0	247.8	3.49	4.00
3.25 YES							
L0003188	0	0.21880E-05	450262.0	3765042.0	247.7	3.49	4.00
3.25 YES							
L0003189	0	0.21880E-05	450270.6	3765041.9	247.7	3.49	4.00
3.25 YES							
L0003190	0	0.21880E-05	450279.2	3765041.8	247.7	3.49	4.00
3.25 YES							
L0003191	0	0.21880E-05	450287.8	3765041.7	247.6	3.49	4.00
3.25 YES							
L0003192	0	0.21880E-05	450296.4	3765041.6	247.6	3.49	4.00
3.25 YES							

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*** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC          ***      02/08/21
*** AERMET - VERSION 16216 ***      ***
***                                ***
***                                20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0003193		0	0.21880E-05	450305.0	3765041.5	247.5	3.49	4.00
3.25	YES							
L0003194		0	0.21880E-05	450313.6	3765041.4	247.5	3.49	4.00
3.25	YES							
L0003195		0	0.21880E-05	450322.2	3765041.3	247.5	3.49	4.00
3.25	YES							
L0003196		0	0.21880E-05	450330.8	3765041.2	247.5	3.49	4.00
3.25	YES							
L0003197		0	0.21880E-05	450339.4	3765041.2	247.5	3.49	4.00
3.25	YES							
L0003198		0	0.21880E-05	450347.9	3765041.1	247.5	3.49	4.00
3.25	YES							
L0003199		0	0.21880E-05	450356.5	3765041.0	247.5	3.49	4.00
3.25	YES							
L0003200		0	0.21880E-05	450365.1	3765040.9	247.5	3.49	4.00
3.25	YES							
L0003201		0	0.21880E-05	450373.7	3765040.8	247.5	3.49	4.00
3.25	YES							
L0003202		0	0.21880E-05	450382.3	3765040.7	247.5	3.49	4.00
3.25	YES							
L0003203		0	0.21880E-05	450390.9	3765040.6	247.5	3.49	4.00
3.25	YES							
L0003204		0	0.21880E-05	450399.5	3765040.5	247.5	3.49	4.00
3.25	YES							
L0003205		0	0.21880E-05	450408.1	3765040.5	247.5	3.49	4.00
3.25	YES							
L0003206		0	0.21880E-05	450416.7	3765040.4	247.5	3.49	4.00
3.25	YES							
L0003207		0	0.21880E-05	450425.2	3765040.3	247.4	3.49	4.00
3.25	YES							
L0003208		0	0.21880E-05	450433.8	3765040.2	247.4	3.49	4.00
3.25	YES							
L0003209		0	0.21880E-05	450442.4	3765040.1	247.4	3.49	4.00
3.25	YES							

L0003210	0	0.21880E-05	450451.0	3765040.0	247.4	3.49	4.00
3.25 YES							
L0003211	0	0.21880E-05	450459.6	3765039.9	247.4	3.49	4.00
3.25 YES							
L0003212	0	0.21880E-05	450468.2	3765039.8	247.4	3.49	4.00
3.25 YES							
L0003213	0	0.21880E-05	450476.8	3765039.7	247.4	3.49	4.00
3.25 YES							
L0003214	0	0.21880E-05	450485.4	3765039.7	247.4	3.49	4.00
3.25 YES							
L0003215	0	0.21880E-05	450494.0	3765039.6	247.4	3.49	4.00
3.25 YES							
L0003216	0	0.21880E-05	450502.6	3765039.5	247.4	3.49	4.00
3.25 YES							
L0003217	0	0.21880E-05	450511.1	3765039.4	247.4	3.49	4.00
3.25 YES							
L0003218	0	0.21880E-05	450519.7	3765039.3	247.4	3.49	4.00
3.25 YES							
L0003219	0	0.21880E-05	450528.3	3765039.2	247.4	3.49	4.00
3.25 YES							
L0003220	0	0.21880E-05	450536.9	3765039.1	247.4	3.49	4.00
3.25 YES							
L0003221	0	0.21880E-05	450545.5	3765039.0	247.4	3.49	4.00
3.25 YES							
L0003222	0	0.21880E-05	450554.1	3765038.9	247.4	3.49	4.00
3.25 YES							
L0003223	0	0.21880E-05	450562.7	3765038.9	247.4	3.49	4.00
3.25 YES							
L0003224	0	0.21880E-05	450571.3	3765038.8	247.4	3.49	4.00
3.25 YES							
L0003225	0	0.21880E-05	450579.9	3765038.7	247.4	3.49	4.00
3.25 YES							
L0003226	0	0.21880E-05	450588.4	3765038.6	247.4	3.49	4.00
3.25 YES							
L0003227	0	0.21880E-05	450597.0	3765038.5	247.4	3.49	4.00
3.25 YES							
L0003228	0	0.21880E-05	450605.6	3765038.4	247.4	3.49	4.00
3.25 YES							
L0003229	0	0.21880E-05	450614.2	3765038.3	247.4	3.49	4.00
3.25 YES							
L0003230	0	0.21880E-05	450622.8	3765038.2	247.3	3.49	4.00
3.25 YES							
L0003231	0	0.21880E-05	450631.4	3765038.2	247.2	3.49	4.00
3.25 YES							
L0003232	0	0.21880E-05	450640.0	3765038.1	247.2	3.49	4.00
3.25 YES							

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*** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC          ***      02/08/21
*** AERMET - VERSION 16216 ***      ***
***                                ***
***                                20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003233		0	0.21880E-05	450648.6	3765038.0	247.2	3.49	4.00
3.25	YES							
L0003234		0	0.21880E-05	450657.2	3765037.9	247.1	3.49	4.00
3.25	YES							
L0003235		0	0.21880E-05	450665.8	3765037.8	247.1	3.49	4.00
3.25	YES							
L0003236		0	0.21880E-05	450674.3	3765037.7	247.1	3.49	4.00
3.25	YES							
L0003237		0	0.21880E-05	450682.9	3765037.6	247.1	3.49	4.00
3.25	YES							
L0003238		0	0.21880E-05	450691.5	3765037.5	247.1	3.49	4.00
3.25	YES							
L0003239		0	0.21880E-05	450700.1	3765037.4	247.1	3.49	4.00
3.25	YES							
L0003240		0	0.21880E-05	450708.7	3765037.4	247.1	3.49	4.00
3.25	YES							
L0003241		0	0.21880E-05	450717.3	3765037.3	247.1	3.49	4.00
3.25	YES							
L0003242		0	0.21880E-05	450725.9	3765037.2	247.1	3.49	4.00
3.25	YES							
L0003243		0	0.21880E-05	450734.5	3765037.1	247.1	3.49	4.00
3.25	YES							
L0003244		0	0.21880E-05	450743.1	3765037.0	247.1	3.49	4.00
3.25	YES							
L0003245		0	0.21880E-05	450751.6	3765036.9	247.1	3.49	4.00
3.25	YES							
L0003246		0	0.21880E-05	450760.2	3765036.8	247.1	3.49	4.00
3.25	YES							
L0003247		0	0.21880E-05	450768.8	3765036.7	247.1	3.49	4.00
3.25	YES							
L0003248		0	0.21880E-05	450777.4	3765036.6	247.1	3.49	4.00
3.25	YES							
L0003249		0	0.21880E-05	450786.0	3765036.6	247.1	3.49	4.00
3.25	YES							

L0003250	0	0.21880E-05	450794.6	3765036.5	247.1	3.49	4.00
3.25 YES							
L0003251	0	0.21880E-05	450803.2	3765036.4	247.1	3.49	4.00
3.25 YES							
L0003252	0	0.21880E-05	450811.8	3765036.3	247.1	3.49	4.00
3.25 YES							
L0003253	0	0.21880E-05	450820.4	3765036.2	247.1	3.49	4.00
3.25 YES							
L0003254	0	0.79610E-06	450981.3	3765253.8	249.0	3.49	4.00
3.25 YES							
L0003255	0	0.79610E-06	450989.9	3765253.7	249.0	3.49	4.00
3.25 YES							
L0003256	0	0.79610E-06	450998.5	3765253.5	249.0	3.49	4.00
3.25 YES							
L0003257	0	0.79610E-06	451007.0	3765253.4	249.0	3.49	4.00
3.25 YES							
L0003258	0	0.79610E-06	451015.6	3765253.2	249.0	3.49	4.00
3.25 YES							
L0003259	0	0.79610E-06	451024.2	3765253.1	249.0	3.49	4.00
3.25 YES							
L0003260	0	0.79610E-06	451032.8	3765252.9	249.0	3.49	4.00
3.25 YES							
L0003261	0	0.79610E-06	451041.4	3765252.8	249.0	3.49	4.00
3.25 YES							
L0003262	0	0.79610E-06	451050.0	3765252.7	249.0	3.49	4.00
3.25 YES							
L0003263	0	0.79610E-06	451058.6	3765252.5	249.0	3.49	4.00
3.25 YES							
L0003264	0	0.79610E-06	451067.2	3765252.4	249.0	3.49	4.00
3.25 YES							
L0003265	0	0.79610E-06	451075.8	3765252.2	249.0	3.49	4.00
3.25 YES							
L0003266	0	0.79610E-06	451084.3	3765252.1	249.0	3.49	4.00
3.25 YES							
L0003267	0	0.79610E-06	451092.9	3765251.9	249.0	3.49	4.00
3.25 YES							
L0003268	0	0.79610E-06	451101.5	3765251.8	249.0	3.49	4.00
3.25 YES							
L0003269	0	0.79610E-06	451110.1	3765251.7	249.0	3.49	4.00
3.25 YES							
L0003270	0	0.79610E-06	451118.7	3765251.5	249.0	3.49	4.00
3.25 YES							
L0003271	0	0.79610E-06	451127.3	3765251.4	249.0	3.49	4.00
3.25 YES							
L0003272	0	0.79610E-06	451135.9	3765251.2	249.0	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC              ***      02/08/21
*** AERMET - VERSION 16216 ***        ***
***                                  ***
***                                  20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY						
L0003273		0	0.79610E-06	451144.5	3765251.1	249.0	3.49	4.00
3.25	YES							
L0003274		0	0.79610E-06	451153.1	3765251.0	249.0	3.49	4.00
3.25	YES							
L0003275		0	0.79610E-06	451161.6	3765250.8	249.0	3.49	4.00
3.25	YES							
L0003276		0	0.79610E-06	451170.2	3765250.7	249.0	3.49	4.00
3.25	YES							
L0003277		0	0.79610E-06	451178.8	3765250.3	249.0	3.49	4.00
3.25	YES							
L0003278		0	0.79610E-06	451187.4	3765249.9	249.0	3.49	4.00
3.25	YES							
L0003279		0	0.79610E-06	451196.0	3765249.5	249.0	3.49	4.00
3.25	YES							
L0003280		0	0.79610E-06	451204.6	3765249.1	249.0	3.49	4.00
3.25	YES							
L0003281		0	0.79610E-06	451213.1	3765248.7	248.9	3.49	4.00
3.25	YES							
L0003282		0	0.79610E-06	451221.7	3765248.3	248.9	3.49	4.00
3.25	YES							
L0003283		0	0.79610E-06	451230.3	3765247.9	248.9	3.49	4.00
3.25	YES							
L0003284		0	0.79610E-06	451238.9	3765247.5	248.9	3.49	4.00
3.25	YES							
L0003285		0	0.79610E-06	451247.5	3765247.1	248.9	3.49	4.00
3.25	YES							
L0003286		0	0.79610E-06	451256.0	3765246.6	248.9	3.49	4.00
3.25	YES							
L0003287		0	0.79610E-06	451264.6	3765246.2	248.9	3.49	4.00
3.25	YES							
L0003288		0	0.79610E-06	451273.1	3765244.9	248.9	3.49	4.00
3.25	YES							
L0003289		0	0.79610E-06	451281.5	3765243.1	248.9	3.49	4.00
3.25	YES							

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY			(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003313		0	0.74460E-06	451309.9	3765060.6	247.3	3.49	4.00
3.25	YES							
L0003314		0	0.74460E-06	451309.8	3765052.0	247.2	3.49	4.00
3.25	YES							
L0003315		0	0.74460E-06	451309.7	3765043.4	247.2	3.49	4.00
3.25	YES							
L0003316		0	0.74460E-06	451309.7	3765034.8	247.1	3.49	4.00
3.25	YES							
L0003317		0	0.74460E-06	451309.6	3765026.2	247.0	3.49	4.00
3.25	YES							
L0003318		0	0.74460E-06	451309.5	3765017.6	246.9	3.49	4.00
3.25	YES							
L0003319		0	0.74460E-06	451308.4	3765010.0	246.8	3.49	4.00
3.25	YES							
L0003320		0	0.74460E-06	451299.8	3765010.0	246.8	3.49	4.00
3.25	YES							
L0003321		0	0.74460E-06	451291.2	3765010.0	246.8	3.49	4.00
3.25	YES							
L0003322		0	0.74460E-06	451282.6	3765010.0	246.8	3.49	4.00
3.25	YES							
L0003323		0	0.74460E-06	451274.0	3765010.0	246.8	3.49	4.00
3.25	YES							
L0003324		0	0.74460E-06	451265.4	3765010.0	246.8	3.49	4.00
3.25	YES							
L0003325		0	0.74460E-06	451256.8	3765010.0	246.8	3.49	4.00
3.25	YES							
L0003326		0	0.74460E-06	451248.2	3765010.0	246.8	3.49	4.00
3.25	YES							
L0003327		0	0.74460E-06	451239.7	3765010.0	246.8	3.49	4.00
3.25	YES							
L0003328		0	0.74460E-06	451231.1	3765010.0	246.8	3.49	4.00
3.25	YES							
L0003329		0	0.74460E-06	451222.5	3765010.1	246.8	3.49	4.00
3.25	YES							

L0003330	0	0.74460E-06	451213.9	3765010.2	246.8	3.49	4.00
3.25 YES							
L0003331	0	0.74460E-06	451205.3	3765010.3	246.8	3.49	4.00
3.25 YES							
L0003332	0	0.74460E-06	451196.7	3765010.3	246.8	3.49	4.00
3.25 YES							
L0003333	0	0.74460E-06	451188.1	3765010.4	246.8	3.49	4.00
3.25 YES							
L0003334	0	0.74460E-06	451179.5	3765010.5	246.8	3.49	4.00
3.25 YES							
L0003335	0	0.74460E-06	451170.9	3765010.6	246.8	3.49	4.00
3.25 YES							
L0003336	0	0.74460E-06	451162.3	3765010.6	246.8	3.49	4.00
3.25 YES							
L0003337	0	0.74460E-06	451153.8	3765010.7	246.8	3.49	4.00
3.25 YES							
L0003338	0	0.74460E-06	451145.2	3765010.8	246.8	3.49	4.00
3.25 YES							
L0003339	0	0.74460E-06	451136.6	3765010.9	246.8	3.49	4.00
3.25 YES							
L0003340	0	0.74460E-06	451128.0	3765011.0	246.8	3.49	4.00
3.25 YES							
L0003341	0	0.74460E-06	451119.4	3765011.0	246.8	3.49	4.00
3.25 YES							
L0003342	0	0.74460E-06	451110.8	3765011.1	246.8	3.49	4.00
3.25 YES							
L0003343	0	0.74460E-06	451102.2	3765011.2	246.8	3.49	4.00
3.25 YES							
L0003344	0	0.74460E-06	451093.6	3765011.3	246.8	3.49	4.00
3.25 YES							
L0003345	0	0.74460E-06	451085.0	3765011.3	246.8	3.49	4.00
3.25 YES							
L0003346	0	0.74460E-06	451076.4	3765011.4	246.8	3.49	4.00
3.25 YES							
L0003347	0	0.74460E-06	451067.9	3765011.5	246.8	3.49	4.00
3.25 YES							
L0003348	0	0.74460E-06	451059.3	3765011.6	246.8	3.49	4.00
3.25 YES							
L0003349	0	0.74460E-06	451050.7	3765011.6	246.8	3.49	4.00
3.25 YES							
L0003350	0	0.74460E-06	451042.1	3765011.7	246.8	3.49	4.00
3.25 YES							
L0003351	0	0.74460E-06	451033.5	3765011.8	246.8	3.49	4.00
3.25 YES							
L0003352	0	0.74460E-06	451024.9	3765011.9	246.8	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC                ***      02/08/21
*** AERMET - VERSION 16216 ***          ***
***                                     ***
                                     20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---
L0003353		0	0.74460E-06	451016.3	3765012.0	246.8	3.49	4.00
3.25	YES							
L0003354		0	0.74460E-06	451007.7	3765012.3	246.9	3.49	4.00
3.25	YES							
L0003355		0	0.74460E-06	450999.2	3765012.8	246.9	3.49	4.00
3.25	YES							
L0003356		0	0.74460E-06	450990.6	3765013.2	246.9	3.49	4.00
3.25	YES							
L0003357		0	0.12740E-05	450207.6	3765275.8	250.1	3.49	4.00
3.25	YES							
L0003358		0	0.12740E-05	450216.2	3765275.7	250.1	3.49	4.00
3.25	YES							
L0003359		0	0.12740E-05	450224.8	3765275.5	250.1	3.49	4.00
3.25	YES							
L0003360		0	0.12740E-05	450233.4	3765275.4	250.0	3.49	4.00
3.25	YES							
L0003361		0	0.12740E-05	450242.0	3765275.3	250.0	3.49	4.00
3.25	YES							
L0003362		0	0.12740E-05	450250.6	3765275.1	249.9	3.49	4.00
3.25	YES							
L0003363		0	0.12740E-05	450259.1	3765275.0	249.9	3.49	4.00
3.25	YES							
L0003364		0	0.12740E-05	450267.7	3765274.9	249.9	3.49	4.00
3.25	YES							
L0003365		0	0.12740E-05	450276.3	3765274.7	249.8	3.49	4.00
3.25	YES							
L0003366		0	0.12740E-05	450284.9	3765274.6	249.8	3.49	4.00
3.25	YES							
L0003367		0	0.12740E-05	450293.5	3765274.5	249.7	3.49	4.00
3.25	YES							
L0003368		0	0.12740E-05	450302.1	3765274.3	249.6	3.49	4.00
3.25	YES							
L0003369		0	0.12740E-05	450310.7	3765274.2	249.5	3.49	4.00
3.25	YES							

L0003370	0	0.12740E-05	450319.3	3765274.1	249.5	3.49	4.00
3.25 YES							
L0003371	0	0.12740E-05	450327.9	3765273.9	249.5	3.49	4.00
3.25 YES							
L0003372	0	0.12740E-05	450336.4	3765273.8	249.5	3.49	4.00
3.25 YES							
L0003373	0	0.12740E-05	450345.0	3765273.7	249.5	3.49	4.00
3.25 YES							
L0003374	0	0.12740E-05	450353.6	3765273.5	249.4	3.49	4.00
3.25 YES							
L0003375	0	0.12740E-05	450362.2	3765273.4	249.4	3.49	4.00
3.25 YES							
L0003376	0	0.12740E-05	450370.8	3765273.3	249.3	3.49	4.00
3.25 YES							
L0003377	0	0.12740E-05	450379.4	3765273.1	249.3	3.49	4.00
3.25 YES							
L0003378	0	0.12740E-05	450388.0	3765273.0	249.3	3.49	4.00
3.25 YES							
L0003379	0	0.12740E-05	450396.6	3765272.8	249.3	3.49	4.00
3.25 YES							
L0003380	0	0.12740E-05	450405.2	3765272.7	249.3	3.49	4.00
3.25 YES							
L0003381	0	0.12740E-05	450413.7	3765272.6	249.3	3.49	4.00
3.25 YES							
L0003382	0	0.12740E-05	450422.3	3765272.4	249.3	3.49	4.00
3.25 YES							
L0003383	0	0.12740E-05	450430.9	3765272.3	249.3	3.49	4.00
3.25 YES							
L0003384	0	0.12740E-05	450439.5	3765272.2	249.3	3.49	4.00
3.25 YES							
L0003385	0	0.12740E-05	450448.1	3765272.0	249.3	3.49	4.00
3.25 YES							
L0003386	0	0.12740E-05	450456.7	3765271.9	249.3	3.49	4.00
3.25 YES							
L0003387	0	0.12740E-05	450465.3	3765271.8	249.3	3.49	4.00
3.25 YES							
L0003388	0	0.12740E-05	450473.9	3765271.6	249.3	3.49	4.00
3.25 YES							
L0003389	0	0.12740E-05	450482.5	3765271.5	249.3	3.49	4.00
3.25 YES							
L0003390	0	0.12740E-05	450491.0	3765271.4	249.3	3.49	4.00
3.25 YES							
L0003391	0	0.12740E-05	450499.6	3765271.2	249.4	3.49	4.00
3.25 YES							
L0003392	0	0.12740E-05	450508.2	3765271.1	249.4	3.49	4.00
3.25 YES							

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*** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC            ***      02/08/21
*** AERMET - VERSION 16216 ***      ***
***                                  ***
***                                  20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003393		0	0.12740E-05	450516.8	3765271.0	249.5	3.49	4.00
3.25	YES							
L0003394		0	0.12740E-05	450525.4	3765270.8	249.5	3.49	4.00
3.25	YES							
L0003395		0	0.12740E-05	450534.0	3765270.7	249.5	3.49	4.00
3.25	YES							
L0003396		0	0.12740E-05	450542.6	3765270.6	249.5	3.49	4.00
3.25	YES							
L0003397		0	0.12740E-05	450551.2	3765270.4	249.5	3.49	4.00
3.25	YES							
L0003398		0	0.12740E-05	450559.8	3765270.3	249.4	3.49	4.00
3.25	YES							
L0003399		0	0.12740E-05	450568.3	3765270.2	249.4	3.49	4.00
3.25	YES							
L0003400		0	0.12740E-05	450576.9	3765270.0	249.3	3.49	4.00
3.25	YES							
L0003401		0	0.12740E-05	450585.5	3765269.9	249.3	3.49	4.00
3.25	YES							
L0003402		0	0.12740E-05	450594.1	3765269.8	249.3	3.49	4.00
3.25	YES							
L0003403		0	0.12740E-05	450602.7	3765269.6	249.3	3.49	4.00
3.25	YES							
L0003404		0	0.12740E-05	450611.3	3765269.5	249.3	3.49	4.00
3.25	YES							
L0003405		0	0.12740E-05	450619.9	3765269.4	249.3	3.49	4.00
3.25	YES							
L0003406		0	0.12740E-05	450628.5	3765269.2	249.3	3.49	4.00
3.25	YES							
L0003407		0	0.12740E-05	450637.1	3765269.1	249.3	3.49	4.00
3.25	YES							
L0003408		0	0.12740E-05	450645.6	3765269.0	249.3	3.49	4.00
3.25	YES							
L0003409		0	0.12740E-05	450654.2	3765268.8	249.3	3.49	4.00
3.25	YES							

L0003410	0	0.12740E-05	450662.8	3765268.7	249.3	3.49	4.00
3.25 YES							
L0003411	0	0.12740E-05	450671.4	3765268.6	249.3	3.49	4.00
3.25 YES							
L0003412	0	0.12740E-05	450680.0	3765268.4	249.3	3.49	4.00
3.25 YES							
L0003413	0	0.12740E-05	450688.6	3765268.3	249.3	3.49	4.00
3.25 YES							
L0003414	0	0.12740E-05	450697.2	3765268.2	249.3	3.49	4.00
3.25 YES							
L0003415	0	0.12740E-05	450705.8	3765268.0	249.3	3.49	4.00
3.25 YES							
L0003416	0	0.12740E-05	450714.4	3765267.9	249.3	3.49	4.00
3.25 YES							
L0003417	0	0.12740E-05	450722.9	3765267.7	249.3	3.49	4.00
3.25 YES							
L0003418	0	0.12740E-05	450731.5	3765267.6	249.3	3.49	4.00
3.25 YES							
L0003419	0	0.12740E-05	450740.1	3765267.5	249.3	3.49	4.00
3.25 YES							
L0003420	0	0.12740E-05	450748.7	3765267.3	249.2	3.49	4.00
3.25 YES							
L0003421	0	0.12740E-05	450757.3	3765267.2	249.2	3.49	4.00
3.25 YES							
L0003422	0	0.12740E-05	450765.9	3765267.1	249.1	3.49	4.00
3.25 YES							
L0003423	0	0.12740E-05	450774.5	3765266.9	249.1	3.49	4.00
3.25 YES							
L0003424	0	0.12740E-05	450783.1	3765266.8	249.1	3.49	4.00
3.25 YES							
L0003425	0	0.12740E-05	450791.7	3765266.7	249.1	3.49	4.00
3.25 YES							
L0003426	0	0.12740E-05	450800.2	3765266.5	249.1	3.49	4.00
3.25 YES							
L0003427	0	0.12740E-05	450808.8	3765266.4	249.1	3.49	4.00
3.25 YES							
L0003428	0	0.12740E-05	450817.4	3765266.3	249.1	3.49	4.00
3.25 YES							
L0003429	0	0.12740E-05	450826.0	3765266.1	249.1	3.49	4.00
3.25 YES							
L0003430	0	0.12740E-05	450834.6	3765266.0	249.1	3.49	4.00
3.25 YES							
L0003431	0	0.12740E-05	450843.2	3765265.9	249.1	3.49	4.00
3.25 YES							
L0003432	0	0.12740E-05	450851.8	3765265.7	249.1	3.49	4.00
3.25 YES							

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*** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC            ***      02/08/21
*** AERMET - VERSION 16216 ***      ***
***                                  ***
***                                  20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003433		0	0.12740E-05	450860.4	3765265.6	249.1	3.49	4.00
3.25	YES							
L0003434		0	0.12740E-05	450869.0	3765265.5	249.1	3.49	4.00
3.25	YES							
L0003435		0	0.12740E-05	450877.5	3765265.3	249.1	3.49	4.00
3.25	YES							
L0003436		0	0.12740E-05	450886.1	3765264.6	249.1	3.49	4.00
3.25	YES							
L0003437		0	0.12740E-05	450894.7	3765263.8	249.1	3.49	4.00
3.25	YES							
L0003438		0	0.12740E-05	450903.2	3765263.1	249.1	3.49	4.00
3.25	YES							
L0003439		0	0.12740E-05	450911.8	3765262.4	249.1	3.49	4.00
3.25	YES							
L0003440		0	0.12740E-05	450920.3	3765261.6	249.1	3.49	4.00
3.25	YES							
L0003441		0	0.12740E-05	450928.9	3765260.7	249.1	3.49	4.00
3.25	YES							
L0003442		0	0.12740E-05	450937.4	3765259.9	249.1	3.49	4.00
3.25	YES							
L0003443		0	0.12690E-05	450242.4	3765022.0	247.6	3.49	4.00
3.25	YES							
L0003444		0	0.12690E-05	450250.9	3765021.9	247.5	3.49	4.00
3.25	YES							
L0003445		0	0.12690E-05	450259.5	3765021.8	247.5	3.49	4.00
3.25	YES							
L0003446		0	0.12690E-05	450268.1	3765021.7	247.4	3.49	4.00
3.25	YES							
L0003447		0	0.12690E-05	450276.7	3765021.6	247.3	3.49	4.00
3.25	YES							
L0003448		0	0.12690E-05	450285.3	3765021.4	247.3	3.49	4.00
3.25	YES							
L0003449		0	0.12690E-05	450293.9	3765021.3	247.3	3.49	4.00
3.25	YES							

L0003450	0	0.12690E-05	450302.5	3765021.2	247.2	3.49	4.00
3.25 YES							
L0003451	0	0.12690E-05	450311.1	3765021.1	247.3	3.49	4.00
3.25 YES							
L0003452	0	0.12690E-05	450319.7	3765021.0	247.3	3.49	4.00
3.25 YES							
L0003453	0	0.12690E-05	450328.3	3765020.9	247.4	3.49	4.00
3.25 YES							
L0003454	0	0.12690E-05	450336.8	3765020.8	247.5	3.49	4.00
3.25 YES							
L0003455	0	0.12690E-05	450345.4	3765020.7	247.5	3.49	4.00
3.25 YES							
L0003456	0	0.12690E-05	450354.0	3765020.5	247.5	3.49	4.00
3.25 YES							
L0003457	0	0.12690E-05	450362.6	3765020.4	247.5	3.49	4.00
3.25 YES							
L0003458	0	0.12690E-05	450371.2	3765020.3	247.5	3.49	4.00
3.25 YES							
L0003459	0	0.12690E-05	450379.8	3765020.2	247.5	3.49	4.00
3.25 YES							
L0003460	0	0.12690E-05	450388.4	3765020.1	247.5	3.49	4.00
3.25 YES							
L0003461	0	0.12690E-05	450397.0	3765020.0	247.5	3.49	4.00
3.25 YES							
L0003462	0	0.12690E-05	450405.6	3765019.9	247.4	3.49	4.00
3.25 YES							
L0003463	0	0.12690E-05	450414.1	3765019.8	247.4	3.49	4.00
3.25 YES							
L0003464	0	0.12690E-05	450422.7	3765019.6	247.3	3.49	4.00
3.25 YES							
L0003465	0	0.12690E-05	450431.3	3765019.5	247.2	3.49	4.00
3.25 YES							
L0003466	0	0.12690E-05	450439.9	3765019.4	247.2	3.49	4.00
3.25 YES							
L0003467	0	0.12690E-05	450448.5	3765019.3	247.2	3.49	4.00
3.25 YES							
L0003468	0	0.12690E-05	450457.1	3765019.2	247.2	3.49	4.00
3.25 YES							
L0003469	0	0.12690E-05	450465.7	3765019.1	247.2	3.49	4.00
3.25 YES							
L0003470	0	0.12690E-05	450474.3	3765019.0	247.2	3.49	4.00
3.25 YES							
L0003471	0	0.12690E-05	450482.9	3765018.9	247.2	3.49	4.00
3.25 YES							
L0003472	0	0.12690E-05	450491.4	3765018.7	247.2	3.49	4.00
3.25 YES							

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*** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC            ***      02/08/21
*** AERMET - VERSION 16216 ***      ***
***                                  ***
***                                  20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY						
L0003473		0	0.12690E-05	450500.0	3765018.6	247.2	3.49	4.00
3.25	YES							
L0003474		0	0.12690E-05	450508.6	3765018.5	247.2	3.49	4.00
3.25	YES							
L0003475		0	0.12690E-05	450517.2	3765018.4	247.2	3.49	4.00
3.25	YES							
L0003476		0	0.12690E-05	450525.8	3765018.3	247.2	3.49	4.00
3.25	YES							
L0003477		0	0.12690E-05	450534.4	3765018.2	247.2	3.49	4.00
3.25	YES							
L0003478		0	0.12690E-05	450543.0	3765018.1	247.2	3.49	4.00
3.25	YES							
L0003479		0	0.12690E-05	450551.6	3765017.9	247.2	3.49	4.00
3.25	YES							
L0003480		0	0.12690E-05	450560.2	3765017.8	247.2	3.49	4.00
3.25	YES							
L0003481		0	0.12690E-05	450568.8	3765017.7	247.2	3.49	4.00
3.25	YES							
L0003482		0	0.12690E-05	450577.3	3765017.6	247.2	3.49	4.00
3.25	YES							
L0003483		0	0.12690E-05	450585.9	3765017.5	247.2	3.49	4.00
3.25	YES							
L0003484		0	0.12690E-05	450594.5	3765017.4	247.2	3.49	4.00
3.25	YES							
L0003485		0	0.12690E-05	450603.1	3765017.3	247.2	3.49	4.00
3.25	YES							
L0003486		0	0.12690E-05	450611.7	3765017.2	247.2	3.49	4.00
3.25	YES							
L0003487		0	0.12690E-05	450620.3	3765017.0	247.2	3.49	4.00
3.25	YES							
L0003488		0	0.12690E-05	450628.9	3765016.9	247.2	3.49	4.00
3.25	YES							
L0003489		0	0.12690E-05	450637.5	3765016.8	247.2	3.49	4.00
3.25	YES							

L0003490	0	0.12690E-05	450646.1	3765016.7	247.1	3.49	4.00
3.25 YES							
L0003491	0	0.12690E-05	450654.6	3765016.6	247.0	3.49	4.00
3.25 YES							
L0003492	0	0.12690E-05	450663.2	3765016.5	247.0	3.49	4.00
3.25 YES							
L0003493	0	0.12690E-05	450671.8	3765016.4	246.9	3.49	4.00
3.25 YES							
L0003494	0	0.12690E-05	450680.4	3765016.3	246.9	3.49	4.00
3.25 YES							
L0003495	0	0.12690E-05	450689.0	3765016.1	246.9	3.49	4.00
3.25 YES							
L0003496	0	0.12690E-05	450697.6	3765016.0	246.9	3.49	4.00
3.25 YES							
L0003497	0	0.12690E-05	450706.2	3765015.9	246.9	3.49	4.00
3.25 YES							
L0003498	0	0.12690E-05	450714.8	3765015.8	246.9	3.49	4.00
3.25 YES							
L0003499	0	0.12690E-05	450723.4	3765015.7	246.9	3.49	4.00
3.25 YES							
L0003500	0	0.12690E-05	450731.9	3765015.6	246.9	3.49	4.00
3.25 YES							
L0003501	0	0.12690E-05	450740.5	3765015.5	246.9	3.49	4.00
3.25 YES							
L0003502	0	0.12690E-05	450749.1	3765015.4	246.9	3.49	4.00
3.25 YES							
L0003503	0	0.12690E-05	450757.7	3765015.2	246.9	3.49	4.00
3.25 YES							
L0003504	0	0.12690E-05	450766.3	3765015.1	246.9	3.49	4.00
3.25 YES							
L0003505	0	0.12690E-05	450774.9	3765015.0	246.9	3.49	4.00
3.25 YES							
L0003506	0	0.12690E-05	450783.5	3765014.9	246.9	3.49	4.00
3.25 YES							
L0003507	0	0.12690E-05	450792.1	3765014.8	246.9	3.49	4.00
3.25 YES							
L0003508	0	0.12690E-05	450800.7	3765014.7	246.9	3.49	4.00
3.25 YES							
L0003509	0	0.12690E-05	450809.3	3765014.6	246.9	3.49	4.00
3.25 YES							
L0003510	0	0.12690E-05	450817.8	3765014.5	246.9	3.49	4.00
3.25 YES							
L0003511	0	0.12690E-05	450826.4	3765014.3	246.9	3.49	4.00
3.25 YES							
L0003512	0	0.12690E-05	450835.0	3765014.2	246.9	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC                ***      02/08/21
*** AERMET - VERSION 16216 ***          ***
***                                     ***
                                     20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0003513		0	0.12690E-05	450843.6	3765014.1	246.9	3.49	4.00
3.25	YES							
L0003514		0	0.12690E-05	450852.2	3765014.0	246.9	3.49	4.00
3.25	YES							
L0003515		0	0.12690E-05	450860.8	3765013.9	246.9	3.49	4.00
3.25	YES							
L0003516		0	0.12690E-05	450869.4	3765013.8	246.9	3.49	4.00
3.25	YES							
L0003517		0	0.12690E-05	450878.0	3765013.7	246.9	3.49	4.00
3.25	YES							
L0003518		0	0.12690E-05	450886.6	3765013.6	246.9	3.49	4.00
3.25	YES							
L0003519		0	0.12690E-05	450895.1	3765013.4	246.9	3.49	4.00
3.25	YES							
L0003520		0	0.12690E-05	450903.7	3765013.3	246.9	3.49	4.00
3.25	YES							
L0003521		0	0.12690E-05	450912.3	3765013.2	246.9	3.49	4.00
3.25	YES							
L0003522		0	0.12690E-05	450920.9	3765013.1	246.9	3.49	4.00
3.25	YES							
L0003523		0	0.12690E-05	450929.5	3765013.0	246.9	3.49	4.00
3.25	YES							
L0003524		0	0.12690E-05	450938.1	3765012.9	246.9	3.49	4.00
3.25	YES							
L0003525		0	0.12690E-05	450946.7	3765012.8	246.9	3.49	4.00
3.25	YES							
L0003526		0	0.12690E-05	450955.3	3765012.7	246.9	3.49	4.00
3.25	YES							
L0003527		0	0.68000E-07	450977.1	3765010.0	246.8	3.49	4.00
3.25	YES							
L0003528		0	0.68000E-07	450977.3	3765001.5	246.7	3.49	4.00
3.25	YES							
L0003529		0	0.68000E-07	450977.5	3764992.9	246.7	3.49	4.00
3.25	YES							

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---
L0003553		0	0.68000E-07	451021.5	3764826.9	244.9	3.49	4.00
3.25	YES							
L0003554		0	0.68000E-07	451030.1	3764826.8	245.0	3.49	4.00
3.25	YES							
L0003555		0	0.68000E-07	451038.7	3764826.7	245.0	3.49	4.00
3.25	YES							
L0003556		0	0.68000E-07	451047.3	3764826.6	245.0	3.49	4.00
3.25	YES							
L0003557		0	0.68000E-07	451055.9	3764826.5	245.0	3.49	4.00
3.25	YES							
L0003558		0	0.68000E-07	451064.5	3764826.4	245.0	3.49	4.00
3.25	YES							
L0003559		0	0.68000E-07	451073.1	3764826.3	245.0	3.49	4.00
3.25	YES							
L0003560		0	0.68000E-07	451081.6	3764826.2	245.0	3.49	4.00
3.25	YES							
L0003561		0	0.68000E-07	451090.2	3764826.1	245.0	3.49	4.00
3.25	YES							
L0003562		0	0.68000E-07	451098.8	3764826.0	245.0	3.49	4.00
3.25	YES							
L0003563		0	0.68000E-07	451107.4	3764825.9	245.0	3.49	4.00
3.25	YES							
L0003564		0	0.68000E-07	451116.0	3764825.8	245.0	3.49	4.00
3.25	YES							
L0003565		0	0.68000E-07	451124.6	3764825.7	245.0	3.49	4.00
3.25	YES							
L0003566		0	0.68000E-07	451133.2	3764825.6	245.0	3.49	4.00
3.25	YES							
L0003567		0	0.68000E-07	451141.8	3764825.5	245.0	3.49	4.00
3.25	YES							
L0003568		0	0.68000E-07	451150.4	3764825.3	244.9	3.49	4.00
3.25	YES							
L0003569		0	0.68000E-07	451159.0	3764825.2	244.9	3.49	4.00
3.25	YES							

L0003570	0	0.68000E-07	451167.5	3764825.1	244.9	3.49	4.00
3.25 YES							
L0003571	0	0.68000E-07	451176.1	3764825.0	244.8	3.49	4.00
3.25 YES							
L0003572	0	0.68000E-07	451184.7	3764824.9	244.8	3.49	4.00
3.25 YES							
L0003573	0	0.68000E-07	451193.3	3764824.8	244.7	3.49	4.00
3.25 YES							
L0003574	0	0.68000E-07	451201.9	3764824.7	244.7	3.49	4.00
3.25 YES							
L0003575	0	0.68000E-07	451210.5	3764824.6	244.6	3.49	4.00
3.25 YES							
L0003576	0	0.68000E-07	451219.1	3764824.5	244.6	3.49	4.00
3.25 YES							
L0003577	0	0.68000E-07	451227.7	3764824.4	244.6	3.49	4.00
3.25 YES							
L0003578	0	0.68000E-07	451236.3	3764824.3	244.6	3.49	4.00
3.25 YES							
L0003579	0	0.68000E-07	451244.8	3764824.2	244.6	3.49	4.00
3.25 YES							
L0003580	0	0.68000E-07	451253.4	3764824.1	244.6	3.49	4.00
3.25 YES							
L0003581	0	0.68000E-07	451262.0	3764824.0	244.6	3.49	4.00
3.25 YES							
L0003582	0	0.68000E-07	451270.6	3764823.9	244.6	3.49	4.00
3.25 YES							
L0003583	0	0.68000E-07	451279.2	3764823.7	244.6	3.49	4.00
3.25 YES							
L0003584	0	0.68000E-07	451287.8	3764823.6	244.6	3.49	4.00
3.25 YES							
L0003585	0	0.68000E-07	451296.4	3764823.5	244.6	3.49	4.00
3.25 YES							
L0003586	0	0.68000E-07	451305.0	3764823.4	244.6	3.49	4.00
3.25 YES							
L0003587	0	0.68000E-07	451313.6	3764823.3	244.6	3.49	4.00
3.25 YES							
L0003588	0	0.68000E-07	451322.1	3764823.2	244.6	3.49	4.00
3.25 YES							
L0003589	0	0.68000E-07	451330.7	3764823.1	244.6	3.49	4.00
3.25 YES							
L0003590	0	0.68000E-07	451339.3	3764823.0	244.6	3.49	4.00
3.25 YES							
L0003591	0	0.68000E-07	451347.9	3764822.9	244.6	3.49	4.00
3.25 YES							
L0003592	0	0.68000E-07	451356.5	3764822.8	244.6	3.49	4.00
3.25 YES							

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*** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC            ***      02/08/21
*** AERMET - VERSION 16216 ***      ***
***                                  ***
***                                  20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0003593		0	0.68000E-07	451365.1	3764822.7	244.6	3.49	4.00
3.25	YES							
L0003594		0	0.68000E-07	451373.7	3764822.6	244.6	3.49	4.00
3.25	YES							
L0003595		0	0.68000E-07	451382.3	3764822.5	244.6	3.49	4.00
3.25	YES							
L0003596		0	0.68000E-07	451390.9	3764822.4	244.6	3.49	4.00
3.25	YES							
L0003597		0	0.68000E-07	451399.5	3764822.3	244.6	3.49	4.00
3.25	YES							
L0003598		0	0.68000E-07	451408.0	3764822.1	244.6	3.49	4.00
3.25	YES							
L0003599		0	0.68000E-07	451416.6	3764822.0	244.6	3.49	4.00
3.25	YES							
L0003600		0	0.68000E-07	451425.2	3764821.9	244.6	3.49	4.00
3.25	YES							
L0003601		0	0.68000E-07	451433.8	3764821.8	244.5	3.49	4.00
3.25	YES							
L0003602		0	0.68000E-07	451442.4	3764821.7	244.5	3.49	4.00
3.25	YES							
L0003603		0	0.68000E-07	451451.0	3764821.6	244.5	3.49	4.00
3.25	YES							
L0003604		0	0.68000E-07	451459.6	3764821.5	244.5	3.49	4.00
3.25	YES							
L0003605		0	0.68000E-07	451468.2	3764821.4	244.6	3.49	4.00
3.25	YES							
L0003606		0	0.68000E-07	451476.8	3764821.3	244.6	3.49	4.00
3.25	YES							
L0003607		0	0.68000E-07	451485.3	3764821.2	244.6	3.49	4.00
3.25	YES							
L0003608		0	0.68000E-07	451493.9	3764821.1	244.7	3.49	4.00
3.25	YES							
L0003609		0	0.68000E-07	451502.5	3764821.0	244.7	3.49	4.00
3.25	YES							

L0003610	0	0.68000E-07	451511.1	3764820.9	244.8	3.49	4.00
3.25 YES							
L0003611	0	0.68000E-07	451519.7	3764820.8	244.8	3.49	4.00
3.25 YES							
L0003612	0	0.68000E-07	451528.3	3764820.7	244.8	3.49	4.00
3.25 YES							
L0003613	0	0.68000E-07	451536.9	3764820.5	244.9	3.49	4.00
3.25 YES							
L0003614	0	0.68000E-07	451545.5	3764820.4	244.9	3.49	4.00
3.25 YES							
L0003615	0	0.68000E-07	451554.1	3764820.3	244.9	3.49	4.00
3.25 YES							
L0003616	0	0.68000E-07	451562.6	3764820.2	244.9	3.49	4.00
3.25 YES							
L0003617	0	0.68000E-07	451571.2	3764820.1	244.9	3.49	4.00
3.25 YES							
L0003618	0	0.68000E-07	451579.8	3764820.0	244.9	3.49	4.00
3.25 YES							
L0003619	0	0.68000E-07	451587.5	3764820.9	245.0	3.49	4.00
3.25 YES							
L0003620	0	0.68000E-07	451587.6	3764829.5	245.1	3.49	4.00
3.25 YES							
L0003621	0	0.68000E-07	451587.7	3764838.1	245.3	3.49	4.00
3.25 YES							
L0003622	0	0.68000E-07	451587.8	3764846.7	245.4	3.49	4.00
3.25 YES							
L0003623	0	0.68000E-07	451587.9	3764855.3	245.5	3.49	4.00
3.25 YES							
L0003624	0	0.68000E-07	451588.0	3764863.8	245.6	3.49	4.00
3.25 YES							
L0003625	0	0.68000E-07	451588.1	3764872.4	245.7	3.49	4.00
3.25 YES							
L0003626	0	0.68000E-07	451588.2	3764881.0	245.8	3.49	4.00
3.25 YES							
L0003627	0	0.68000E-07	451588.3	3764889.6	245.9	3.49	4.00
3.25 YES							
L0003628	0	0.68000E-07	451588.4	3764898.2	246.0	3.49	4.00
3.25 YES							
L0003629	0	0.68000E-07	451588.6	3764906.8	246.1	3.49	4.00
3.25 YES							
L0003630	0	0.68000E-07	451588.7	3764915.4	246.2	3.49	4.00
3.25 YES							
L0003631	0	0.68000E-07	451588.8	3764924.0	246.2	3.49	4.00
3.25 YES							
L0003632	0	0.68000E-07	451588.9	3764932.6	246.3	3.49	4.00
3.25 YES							

*** AERMOD - VERSION 19191 ***
 HRA\13575-03 OPS HRA.ISC
 *** AERMET - VERSION 16216 ***

*** C:\LAKES\AERMOD VIEW\13575-03 OPS
 02/08/21
 20:59:46

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003633		0	0.68000E-07	451589.0	3764941.1	246.4	3.49	4.00
3.25	YES							
L0003634		0	0.68000E-07	451589.1	3764949.7	246.5	3.49	4.00
3.25	YES							
L0003635		0	0.68000E-07	451589.2	3764958.3	246.6	3.49	4.00
3.25	YES							
L0003636		0	0.68000E-07	451589.3	3764966.9	246.7	3.49	4.00
3.25	YES							
L0003637		0	0.68000E-07	451589.4	3764975.5	246.8	3.49	4.00
3.25	YES							
L0003638		0	0.68000E-07	451589.6	3764984.1	246.9	3.49	4.00
3.25	YES							
L0003639		0	0.68000E-07	451589.7	3764992.7	247.0	3.49	4.00
3.25	YES							
L0003640		0	0.68000E-07	451589.8	3765001.3	247.0	3.49	4.00
3.25	YES							
L0003641		0	0.68000E-07	451589.9	3765009.9	247.1	3.49	4.00
3.25	YES							
L0003642		0	0.68000E-07	451590.0	3765018.4	247.2	3.49	4.00
3.25	YES							
L0003643		0	0.68000E-07	451590.1	3765027.0	247.3	3.49	4.00
3.25	YES							
L0003644		0	0.68000E-07	451590.2	3765035.6	247.3	3.49	4.00
3.25	YES							
L0003645		0	0.68000E-07	451590.3	3765044.2	247.4	3.49	4.00
3.25	YES							
L0003646		0	0.68000E-07	451590.4	3765052.8	247.4	3.49	4.00
3.25	YES							
L0003647		0	0.68000E-07	451590.6	3765061.4	247.4	3.49	4.00
3.25	YES							
L0003648		0	0.68000E-07	451590.7	3765070.0	247.4	3.49	4.00
3.25	YES							
L0003649		0	0.68000E-07	451590.8	3765078.6	247.5	3.49	4.00
3.25	YES							

L0003650	0	0.68000E-07	451590.9	3765087.2	247.6	3.49	4.00
3.25 YES							
L0003651	0	0.68000E-07	451591.0	3765095.8	247.8	3.49	4.00
3.25 YES							
L0003652	0	0.68000E-07	451591.1	3765104.3	247.9	3.49	4.00
3.25 YES							
L0003653	0	0.68000E-07	451591.2	3765112.9	248.0	3.49	4.00
3.25 YES							
L0003654	0	0.68000E-07	451591.3	3765121.5	248.1	3.49	4.00
3.25 YES							
L0003655	0	0.68000E-07	451591.4	3765130.1	248.2	3.49	4.00
3.25 YES							
L0003656	0	0.68000E-07	451591.5	3765138.7	248.4	3.49	4.00
3.25 YES							
L0003657	0	0.68000E-07	451591.7	3765147.3	248.5	3.49	4.00
3.25 YES							
L0003658	0	0.68000E-07	451591.8	3765155.9	248.6	3.49	4.00
3.25 YES							
L0003659	0	0.68000E-07	451591.9	3765164.5	248.7	3.49	4.00
3.25 YES							
L0003660	0	0.68000E-07	451592.0	3765173.1	248.8	3.49	4.00
3.25 YES							
L0003661	0	0.68000E-07	451592.1	3765181.6	249.0	3.49	4.00
3.25 YES							
L0003662	0	0.68000E-07	451592.2	3765190.2	249.1	3.49	4.00
3.25 YES							
L0003663	0	0.68000E-07	451592.3	3765198.8	249.3	3.49	4.00
3.25 YES							
L0003664	0	0.68000E-07	451592.4	3765207.4	249.3	3.49	4.00
3.25 YES							
L0003665	0	0.68000E-07	451592.5	3765216.0	249.3	3.49	4.00
3.25 YES							
L0003666	0	0.68000E-07	451592.7	3765224.6	249.3	3.49	4.00
3.25 YES							
L0003667	0	0.68000E-07	451592.8	3765233.2	249.4	3.49	4.00
3.25 YES							
L0003668	0	0.68000E-07	451592.9	3765241.8	249.5	3.49	4.00
3.25 YES							
L0003669	0	0.68000E-07	451593.0	3765250.4	249.6	3.49	4.00
3.25 YES							
L0003670	0	0.68000E-07	451593.1	3765258.9	249.7	3.49	4.00
3.25 YES							
L0003671	0	0.68000E-07	451593.2	3765267.5	249.8	3.49	4.00
3.25 YES							
L0003672	0	0.68000E-07	451593.3	3765276.1	249.8	3.49	4.00
3.25 YES							

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*** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC          ***      02/08/21
*** AERMET - VERSION 16216 ***      ***
***                                ***
***                                20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---
L0003673		0	0.68000E-07	451593.4	3765284.7	249.9	3.49	4.00
3.25	YES							
L0003674		0	0.68000E-07	451593.5	3765293.3	250.0	3.49	4.00
3.25	YES							
L0003675		0	0.68000E-07	451593.7	3765301.9	250.1	3.49	4.00
3.25	YES							
L0003676		0	0.68000E-07	451593.8	3765310.5	250.2	3.49	4.00
3.25	YES							
L0003677		0	0.68000E-07	451593.9	3765319.1	250.3	3.49	4.00
3.25	YES							
L0003678		0	0.68000E-07	451594.0	3765327.7	250.3	3.49	4.00
3.25	YES							
L0003679		0	0.68000E-07	451594.1	3765336.3	250.4	3.49	4.00
3.25	YES							
L0003680		0	0.68000E-07	451594.2	3765344.8	250.5	3.49	4.00
3.25	YES							
L0003681		0	0.68000E-07	451594.3	3765353.4	250.5	3.49	4.00
3.25	YES							
L0003682		0	0.68000E-07	451594.4	3765362.0	250.5	3.49	4.00
3.25	YES							
L0003683		0	0.68000E-07	451594.5	3765370.6	250.5	3.49	4.00
3.25	YES							
L0003684		0	0.68000E-07	451594.6	3765379.2	250.5	3.49	4.00
3.25	YES							
L0003685		0	0.68000E-07	451594.8	3765387.8	250.5	3.49	4.00
3.25	YES							
L0003686		0	0.68000E-07	451594.9	3765396.4	250.5	3.49	4.00
3.25	YES							
L0003687		0	0.68000E-07	451595.0	3765405.0	250.5	3.49	4.00
3.25	YES							
L0003688		0	0.68000E-07	451595.1	3765413.6	250.6	3.49	4.00
3.25	YES							
L0003689		0	0.68000E-07	451595.2	3765422.1	250.7	3.49	4.00
3.25	YES							

L0003690	0	0.68000E-07	451595.3	3765430.7	250.8	3.49	4.00
3.25 YES							
L0003691	0	0.68000E-07	451595.4	3765439.3	250.8	3.49	4.00
3.25 YES							
L0003692	0	0.68000E-07	451595.5	3765447.9	250.9	3.49	4.00
3.25 YES							
L0003693	0	0.68000E-07	451595.6	3765456.5	251.0	3.49	4.00
3.25 YES							
L0003694	0	0.68000E-07	451595.8	3765465.1	251.1	3.49	4.00
3.25 YES							
L0003695	0	0.68000E-07	451595.9	3765473.7	251.3	3.49	4.00
3.25 YES							
L0003696	0	0.68000E-07	451596.0	3765482.3	251.5	3.49	4.00
3.25 YES							
L0003697	0	0.68000E-07	451596.1	3765490.9	251.6	3.49	4.00
3.25 YES							
L0003698	0	0.68000E-07	451596.2	3765499.4	251.8	3.49	4.00
3.25 YES							
L0003699	0	0.68000E-07	451596.3	3765508.0	251.9	3.49	4.00
3.25 YES							
L0003700	0	0.68000E-07	451596.4	3765516.6	252.0	3.49	4.00
3.25 YES							
L0003701	0	0.68000E-07	451596.5	3765525.2	252.1	3.49	4.00
3.25 YES							
L0003702	0	0.68000E-07	451596.6	3765533.8	252.2	3.49	4.00
3.25 YES							
L0003703	0	0.68000E-07	451596.8	3765542.4	252.2	3.49	4.00
3.25 YES							
L0003704	0	0.68000E-07	451596.9	3765551.0	252.3	3.49	4.00
3.25 YES							
L0003705	0	0.68000E-07	451597.0	3765559.6	252.4	3.49	4.00
3.25 YES							
L0003706	0	0.68000E-07	451597.1	3765568.2	252.5	3.49	4.00
3.25 YES							
L0003707	0	0.68000E-07	451597.2	3765576.8	252.6	3.49	4.00
3.25 YES							
L0003708	0	0.68000E-07	451597.3	3765585.3	252.7	3.49	4.00
3.25 YES							
L0003709	0	0.68000E-07	451597.4	3765593.9	252.8	3.49	4.00
3.25 YES							
L0003710	0	0.68000E-07	451597.5	3765602.5	252.8	3.49	4.00
3.25 YES							
L0003711	0	0.68000E-07	451597.6	3765611.1	252.9	3.49	4.00
3.25 YES							
L0003712	0	0.68000E-07	451597.7	3765619.7	253.1	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC              ***      02/08/21
*** AERMET - VERSION 16216 ***        ***
***                                     ***
                                     20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0003713		0	0.68000E-07	451597.9	3765628.3	253.2	3.49	4.00
3.25	YES							
L0003714		0	0.68000E-07	451598.0	3765636.9	253.4	3.49	4.00
3.25	YES							
L0003715		0	0.68000E-07	451598.1	3765645.5	253.6	3.49	4.00
3.25	YES							
L0003716		0	0.68000E-07	451598.2	3765654.1	253.7	3.49	4.00
3.25	YES							
L0003717		0	0.68000E-07	451598.3	3765662.6	253.8	3.49	4.00
3.25	YES							
L0003718		0	0.68000E-07	451598.4	3765671.2	253.8	3.49	4.00
3.25	YES							
L0003719		0	0.68000E-07	451598.5	3765679.8	253.9	3.49	4.00
3.25	YES							
L0003720		0	0.68000E-07	451598.6	3765688.4	253.9	3.49	4.00
3.25	YES							
L0003721		0	0.68000E-07	451598.7	3765697.0	253.9	3.49	4.00
3.25	YES							
L0003722		0	0.68000E-07	451598.9	3765705.6	253.9	3.49	4.00
3.25	YES							
L0003723		0	0.68000E-07	451599.0	3765714.2	254.1	3.49	4.00
3.25	YES							
L0003724		0	0.68000E-07	451599.1	3765722.8	254.2	3.49	4.00
3.25	YES							
L0003725		0	0.68000E-07	451599.2	3765731.4	254.4	3.49	4.00
3.25	YES							
L0003726		0	0.68000E-07	451599.3	3765739.9	254.6	3.49	4.00
3.25	YES							
L0003727		0	0.68000E-07	451599.4	3765748.5	254.8	3.49	4.00
3.25	YES							
L0003728		0	0.68000E-07	451599.5	3765757.1	254.9	3.49	4.00
3.25	YES							
L0003729		0	0.68000E-07	451599.6	3765765.7	255.1	3.49	4.00
3.25	YES							

L0003730	0	0.68000E-07	451599.7	3765774.3	255.3	3.49	4.00
3.25 YES							
L0003731	0	0.68000E-07	451599.8	3765782.9	255.5	3.49	4.00
3.25 YES							
L0003732	0	0.68000E-07	451600.0	3765791.5	255.6	3.49	4.00
3.25 YES							
L0003733	0	0.68000E-07	451600.1	3765800.1	255.8	3.49	4.00
3.25 YES							
L0003734	0	0.68000E-07	451600.2	3765808.7	255.9	3.49	4.00
3.25 YES							
L0003735	0	0.68000E-07	451600.3	3765817.3	255.9	3.49	4.00
3.25 YES							
L0003736	0	0.68000E-07	451600.4	3765825.8	256.0	3.49	4.00
3.25 YES							
L0003737	0	0.68000E-07	451600.5	3765834.4	256.1	3.49	4.00
3.25 YES							
L0003738	0	0.68000E-07	451600.6	3765843.0	256.2	3.49	4.00
3.25 YES							
L0003739	0	0.68000E-07	451600.7	3765851.6	256.3	3.49	4.00
3.25 YES							
L0003740	0	0.68000E-07	451600.8	3765860.2	256.4	3.49	4.00
3.25 YES							
L0003741	0	0.68000E-07	451601.0	3765868.8	256.5	3.49	4.00
3.25 YES							
L0003742	0	0.68000E-07	451601.1	3765877.4	256.6	3.49	4.00
3.25 YES							
L0003743	0	0.68000E-07	451601.2	3765886.0	256.6	3.49	4.00
3.25 YES							
L0003744	0	0.68000E-07	451601.3	3765894.6	256.7	3.49	4.00
3.25 YES							
L0003745	0	0.68000E-07	451601.4	3765903.1	256.8	3.49	4.00
3.25 YES							
L0003746	0	0.68000E-07	451601.5	3765911.7	256.9	3.49	4.00
3.25 YES							
L0003747	0	0.68000E-07	451601.6	3765920.3	257.0	3.49	4.00
3.25 YES							
L0003748	0	0.68000E-07	451601.7	3765928.9	257.1	3.49	4.00
3.25 YES							
L0003749	0	0.68000E-07	451601.8	3765937.5	257.2	3.49	4.00
3.25 YES							
L0003750	0	0.68000E-07	451602.0	3765946.1	257.2	3.49	4.00
3.25 YES							
L0003751	0	0.68000E-07	451602.1	3765954.7	257.3	3.49	4.00
3.25 YES							
L0003752	0	0.68000E-07	451602.2	3765963.3	257.4	3.49	4.00
3.25 YES							

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*** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC          ***      02/08/21
*** AERMET - VERSION 16216 ***      ***
***                                ***
***                                20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003753		0	0.68000E-07	451602.3	3765971.9	257.5	3.49	4.00
3.25	YES							
L0003754		0	0.68000E-07	451602.4	3765980.4	257.7	3.49	4.00
3.25	YES							
L0003755		0	0.68000E-07	451602.5	3765989.0	257.8	3.49	4.00
3.25	YES							
L0003756		0	0.68000E-07	451602.6	3765997.6	258.0	3.49	4.00
3.25	YES							
L0003757		0	0.51820E-06	450976.9	3765017.1	246.9	3.49	4.00
3.25	YES							
L0003758		0	0.51820E-06	450975.5	3765025.6	247.0	3.49	4.00
3.25	YES							
L0003759		0	0.51820E-06	450974.0	3765034.1	247.1	3.49	4.00
3.25	YES							
L0003760		0	0.51820E-06	450972.6	3765042.5	247.2	3.49	4.00
3.25	YES							
L0003761		0	0.51820E-06	450971.2	3765051.0	247.2	3.49	4.00
3.25	YES							
L0003762		0	0.51820E-06	450969.8	3765059.5	247.3	3.49	4.00
3.25	YES							
L0003763		0	0.51820E-06	450968.4	3765068.0	247.4	3.49	4.00
3.25	YES							
L0003764		0	0.51820E-06	450967.0	3765076.4	247.5	3.49	4.00
3.25	YES							
L0003765		0	0.51820E-06	450965.6	3765084.9	247.6	3.49	4.00
3.25	YES							
L0003766		0	0.51820E-06	450964.2	3765093.4	247.7	3.49	4.00
3.25	YES							
L0003767		0	0.51820E-06	450962.9	3765101.9	247.8	3.49	4.00
3.25	YES							
L0003768		0	0.51820E-06	450962.7	3765110.5	247.8	3.49	4.00
3.25	YES							
L0003769		0	0.51820E-06	450962.5	3765119.0	247.9	3.49	4.00
3.25	YES							

L0003770	0	0.51820E-06	450962.4	3765127.6	248.0	3.49	4.00
3.25 YES							
L0003771	0	0.51820E-06	450962.2	3765136.2	248.1	3.49	4.00
3.25 YES							
L0003772	0	0.51820E-06	450962.2	3765144.8	248.2	3.49	4.00
3.25 YES							
L0003773	0	0.51820E-06	450962.4	3765153.4	248.3	3.49	4.00
3.25 YES							
L0003774	0	0.51820E-06	450962.6	3765162.0	248.4	3.49	4.00
3.25 YES							
L0003775	0	0.51820E-06	450962.8	3765170.6	248.5	3.49	4.00
3.25 YES							
L0003776	0	0.51820E-06	450963.0	3765179.2	248.5	3.49	4.00
3.25 YES							
L0003777	0	0.51820E-06	450963.2	3765187.7	248.6	3.49	4.00
3.25 YES							
L0003778	0	0.51820E-06	450963.4	3765196.3	248.7	3.49	4.00
3.25 YES							
L0003779	0	0.51820E-06	450963.6	3765204.9	248.7	3.49	4.00
3.25 YES							
L0003780	0	0.51820E-06	450963.8	3765213.5	248.7	3.49	4.00
3.25 YES							
L0003781	0	0.51820E-06	450964.0	3765222.1	248.7	3.49	4.00
3.25 YES							
L0003782	0	0.51820E-06	450964.2	3765230.7	248.8	3.49	4.00
3.25 YES							
L0003783	0	0.51820E-06	450964.4	3765239.3	248.9	3.49	4.00
3.25 YES							
L0003784	0	0.51820E-06	450964.6	3765247.9	248.9	3.49	4.00
3.25 YES							
L0003785	0	0.51820E-06	450964.8	3765256.4	249.0	3.49	4.00
3.25 YES							
L0003786	0	0.51820E-06	450965.0	3765265.0	249.1	3.49	4.00
3.25 YES							
L0003787	0	0.51820E-06	450965.2	3765273.6	249.2	3.49	4.00
3.25 YES							
L0003788	0	0.51820E-06	450965.3	3765282.2	249.3	3.49	4.00
3.25 YES							
L0003789	0	0.51820E-06	450965.5	3765290.8	249.4	3.49	4.00
3.25 YES							
L0003790	0	0.51820E-06	450965.7	3765299.4	249.5	3.49	4.00
3.25 YES							
L0003791	0	0.51820E-06	450965.9	3765308.0	249.6	3.49	4.00
3.25 YES							
L0003792	0	0.51820E-06	450966.2	3765316.6	249.6	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC                ***      02/08/21
*** AERMET - VERSION 16216 ***          ***
***                                     ***
                                     20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY						
L0003793		0	0.51820E-06	450966.5	3765325.1	249.7	3.49	4.00
3.25	YES							
L0003794		0	0.51820E-06	450966.7	3765333.7	249.8	3.49	4.00
3.25	YES							
L0003795		0	0.51820E-06	450967.0	3765342.3	249.9	3.49	4.00
3.25	YES							
L0003796		0	0.51820E-06	450967.3	3765350.9	250.0	3.49	4.00
3.25	YES							
L0003797		0	0.51820E-06	450967.6	3765359.5	250.1	3.49	4.00
3.25	YES							
L0003798		0	0.51820E-06	450967.9	3765368.1	250.2	3.49	4.00
3.25	YES							
L0003799		0	0.51820E-06	450968.1	3765376.7	250.2	3.49	4.00
3.25	YES							
L0003800		0	0.51820E-06	450968.4	3765385.2	250.3	3.49	4.00
3.25	YES							
L0003801		0	0.51820E-06	450968.7	3765393.8	250.4	3.49	4.00
3.25	YES							
L0003802		0	0.51820E-06	450969.0	3765402.4	250.5	3.49	4.00
3.25	YES							
L0003803		0	0.51820E-06	450969.2	3765411.0	250.6	3.49	4.00
3.25	YES							
L0003804		0	0.51820E-06	450969.5	3765419.6	250.7	3.49	4.00
3.25	YES							
L0003805		0	0.51820E-06	450969.8	3765428.2	250.8	3.49	4.00
3.25	YES							
L0003806		0	0.51820E-06	450970.1	3765436.8	250.9	3.49	4.00
3.25	YES							
L0003807		0	0.51820E-06	450970.3	3765445.3	250.9	3.49	4.00
3.25	YES							
L0003808		0	0.51820E-06	450970.6	3765453.9	251.0	3.49	4.00
3.25	YES							
L0003809		0	0.51820E-06	450970.9	3765462.5	251.1	3.49	4.00
3.25	YES							

L0003810	0	0.51820E-06	450971.2	3765471.1	251.2	3.49	4.00
3.25 YES							
L0003811	0	0.51820E-06	450971.4	3765479.7	251.2	3.49	4.00
3.25 YES							
L0003812	0	0.51820E-06	450971.7	3765488.3	251.2	3.49	4.00
3.25 YES							
L0003813	0	0.51820E-06	450972.0	3765496.9	251.2	3.49	4.00
3.25 YES							
L0003814	0	0.51820E-06	450972.3	3765505.4	251.2	3.49	4.00
3.25 YES							
L0003815	0	0.51820E-06	450972.5	3765514.0	251.3	3.49	4.00
3.25 YES							
L0003816	0	0.51820E-06	450972.8	3765522.6	251.4	3.49	4.00
3.25 YES							
L0003817	0	0.51820E-06	450973.1	3765531.2	251.5	3.49	4.00
3.25 YES							
L0003818	0	0.51820E-06	450972.2	3765539.7	251.6	3.49	4.00
3.25 YES							
L0003819	0	0.51820E-06	450971.1	3765548.2	251.7	3.49	4.00
3.25 YES							
L0003820	0	0.51820E-06	450970.0	3765556.8	251.8	3.49	4.00
3.25 YES							
L0003821	0	0.51820E-06	450968.9	3765565.3	251.9	3.49	4.00
3.25 YES							
L0003822	0	0.51820E-06	450966.4	3765573.4	251.9	3.49	4.00
3.25 YES							
L0003823	0	0.51820E-06	450963.2	3765581.4	252.0	3.49	4.00
3.25 YES							
L0003824	0	0.51820E-06	450960.0	3765589.4	252.1	3.49	4.00
3.25 YES							
L0003825	0	0.51820E-06	450959.5	3765596.6	252.2	3.49	4.00
3.25 YES							
L0003826	0	0.51820E-06	450966.5	3765601.5	252.2	3.49	4.00
3.25 YES							
L0003827	0	0.51820E-06	450973.6	3765606.4	252.3	3.49	4.00
3.25 YES							
L0003828	0	0.51820E-06	450980.7	3765611.3	252.3	3.49	4.00
3.25 YES							
L0003829	0	0.51820E-06	450987.7	3765616.2	252.4	3.49	4.00
3.25 YES							
L0003830	0	0.51820E-06	450994.8	3765621.1	252.4	3.49	4.00
3.25 YES							
L0003831	0	0.51820E-06	451001.8	3765626.0	252.5	3.49	4.00
3.25 YES							
L0003832	0	0.51820E-06	451008.9	3765630.9	252.5	3.49	4.00
3.25 YES							

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*** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC          ***      02/08/21
*** AERMET - VERSION 16216 ***      ***
***                                ***
***                                20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0003833		0	0.51820E-06	451015.9	3765635.8	252.6	3.49	4.00
3.25	YES							
L0003834		0	0.51820E-06	451022.4	3765641.3	252.6	3.49	4.00
3.25	YES							
L0003835		0	0.51820E-06	451027.8	3765648.0	252.7	3.49	4.00
3.25	YES							
L0003836		0	0.51820E-06	451033.2	3765654.7	252.8	3.49	4.00
3.25	YES							
L0003837		0	0.51820E-06	451038.7	3765661.3	252.8	3.49	4.00
3.25	YES							
L0003838		0	0.51820E-06	451044.1	3765668.0	252.9	3.49	4.00
3.25	YES							
L0003839		0	0.51820E-06	451049.5	3765674.6	253.0	3.49	4.00
3.25	YES							
L0003840		0	0.51820E-06	451055.0	3765681.3	253.1	3.49	4.00
3.25	YES							
L0003841		0	0.51820E-06	451060.4	3765687.9	253.2	3.49	4.00
3.25	YES							
L0003842		0	0.51820E-06	451065.8	3765694.6	253.4	3.49	4.00
3.25	YES							
L0003843		0	0.51820E-06	451071.3	3765701.2	253.5	3.49	4.00
3.25	YES							
L0003844		0	0.51820E-06	451076.7	3765707.9	253.6	3.49	4.00
3.25	YES							
L0003845		0	0.51820E-06	451081.7	3765714.8	253.7	3.49	4.00
3.25	YES							
L0003846		0	0.51820E-06	451086.8	3765721.8	253.8	3.49	4.00
3.25	YES							
L0003847		0	0.51820E-06	451091.8	3765728.8	253.8	3.49	4.00
3.25	YES							
L0003848		0	0.51820E-06	451096.4	3765735.9	253.9	3.49	4.00
3.25	YES							
L0003849		0	0.51820E-06	451099.2	3765744.1	254.1	3.49	4.00
3.25	YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC              ***      02/08/21
*** AERMET - VERSION 16216 ***      ***
***                                  ***
***                                  20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---
L0003873		0	0.51820E-06	451131.0	3765945.0	256.9	3.49	4.00
3.25	YES							
L0003874		0	0.51820E-06	451130.8	3765953.6	257.0	3.49	4.00
3.25	YES							
L0003875		0	0.51820E-06	451130.6	3765962.2	257.1	3.49	4.00
3.25	YES							
L0003876		0	0.51820E-06	451130.4	3765970.8	257.2	3.49	4.00
3.25	YES							
L0003877		0	0.51820E-06	451130.3	3765979.4	257.3	3.49	4.00
3.25	YES							
L0003878		0	0.51820E-06	451130.1	3765988.0	257.4	3.49	4.00
3.25	YES							
L0003879		0	0.51820E-06	451132.0	3765994.5	257.5	3.49	4.00
3.25	YES							
L0003880		0	0.51820E-06	451140.6	3765994.5	257.5	3.49	4.00
3.25	YES							
L0003881		0	0.51820E-06	451149.2	3765994.4	257.4	3.49	4.00
3.25	YES							
L0003882		0	0.51820E-06	451157.8	3765994.4	257.4	3.49	4.00
3.25	YES							
L0003883		0	0.51820E-06	451166.3	3765994.3	257.4	3.49	4.00
3.25	YES							
L0003884		0	0.51820E-06	451174.9	3765994.3	257.4	3.49	4.00
3.25	YES							
L0003885		0	0.51820E-06	451183.5	3765994.2	257.4	3.49	4.00
3.25	YES							
L0003886		0	0.51820E-06	451192.1	3765994.2	257.4	3.49	4.00
3.25	YES							
L0003887		0	0.51820E-06	451200.7	3765994.2	257.4	3.49	4.00
3.25	YES							
L0003888		0	0.51820E-06	451209.3	3765994.1	257.4	3.49	4.00
3.25	YES							
L0003889		0	0.51820E-06	451217.9	3765994.1	257.4	3.49	4.00
3.25	YES							

L0003890	0	0.51820E-06	451226.5	3765994.0	257.4	3.49	4.00
3.25 YES							
L0003891	0	0.51820E-06	451235.1	3765994.0	257.4	3.49	4.00
3.25 YES							
L0003892	0	0.51820E-06	451243.7	3765994.0	257.4	3.49	4.00
3.25 YES							
L0003893	0	0.51820E-06	451252.2	3765993.9	257.4	3.49	4.00
3.25 YES							
L0003894	0	0.51820E-06	451260.8	3765993.9	257.3	3.49	4.00
3.25 YES							
L0003895	0	0.51820E-06	451269.4	3765993.8	257.2	3.49	4.00
3.25 YES							
L0003896	0	0.51820E-06	451278.0	3765993.8	257.2	3.49	4.00
3.25 YES							
L0003897	0	0.51820E-06	451286.6	3765993.8	257.2	3.49	4.00
3.25 YES							
L0003898	0	0.51820E-06	451295.2	3765993.7	257.1	3.49	4.00
3.25 YES							
L0003899	0	0.51820E-06	451303.8	3765993.7	257.1	3.49	4.00
3.25 YES							
L0003900	0	0.51820E-06	451312.4	3765993.6	257.1	3.49	4.00
3.25 YES							
L0003901	0	0.51820E-06	451321.0	3765993.6	257.1	3.49	4.00
3.25 YES							
L0003902	0	0.51820E-06	451329.6	3765993.6	257.1	3.49	4.00
3.25 YES							
L0003903	0	0.51820E-06	451338.1	3765993.5	257.1	3.49	4.00
3.25 YES							
L0003904	0	0.51820E-06	451346.7	3765993.5	257.1	3.49	4.00
3.25 YES							
L0003905	0	0.51820E-06	451355.3	3765993.4	257.1	3.49	4.00
3.25 YES							
L0003906	0	0.51820E-06	451363.9	3765993.4	257.1	3.49	4.00
3.25 YES							
L0003907	0	0.51820E-06	451372.5	3765993.4	257.2	3.49	4.00
3.25 YES							
L0003908	0	0.51820E-06	451381.1	3765993.3	257.2	3.49	4.00
3.25 YES							
L0003909	0	0.51820E-06	451389.7	3765993.3	257.2	3.49	4.00
3.25 YES							
L0003910	0	0.51820E-06	451398.3	3765993.2	257.3	3.49	4.00
3.25 YES							
L0003911	0	0.51820E-06	451406.9	3765993.2	257.4	3.49	4.00
3.25 YES							
L0003912	0	0.51820E-06	451415.5	3765993.1	257.4	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC              ***      02/08/21
*** AERMET - VERSION 16216 ***        ***
***                                  ***
***                                  20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y			
ID		SCALAR	VARY			(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003913		0	0.51820E-06	451424.0	3765993.1	257.4	3.49	4.00
3.25	YES							
L0003914		0	0.51820E-06	451432.6	3765993.1	257.4	3.49	4.00
3.25	YES							
L0003915		0	0.51820E-06	451441.2	3765993.0	257.4	3.49	4.00
3.25	YES							
L0003916		0	0.51820E-06	451449.8	3765993.0	257.4	3.49	4.00
3.25	YES							
L0003917		0	0.51820E-06	451458.4	3765992.9	257.4	3.49	4.00
3.25	YES							
L0003918		0	0.51820E-06	451467.0	3765992.9	257.4	3.49	4.00
3.25	YES							
L0003919		0	0.51820E-06	451475.6	3765992.9	257.4	3.49	4.00
3.25	YES							
L0003920		0	0.51820E-06	451484.2	3765992.8	257.4	3.49	4.00
3.25	YES							
L0003921		0	0.51820E-06	451492.8	3765992.8	257.5	3.49	4.00
3.25	YES							
L0003922		0	0.51820E-06	451501.4	3765992.7	257.5	3.49	4.00
3.25	YES							
L0003923		0	0.51820E-06	451509.9	3765992.7	257.6	3.49	4.00
3.25	YES							
L0003924		0	0.51820E-06	451518.5	3765992.7	257.6	3.49	4.00
3.25	YES							
L0003925		0	0.51820E-06	451527.1	3765992.6	257.6	3.49	4.00
3.25	YES							
L0003926		0	0.51820E-06	451535.7	3765992.6	257.6	3.49	4.00
3.25	YES							
L0003927		0	0.51820E-06	451544.3	3765992.5	257.6	3.49	4.00
3.25	YES							
L0003928		0	0.51820E-06	451552.9	3765992.5	257.6	3.49	4.00
3.25	YES							
L0003929		0	0.51820E-06	451561.5	3765992.5	257.7	3.49	4.00
3.25	YES							

L0003930	0	0.51820E-06	451570.1	3765992.4	257.7	3.49	4.00
3.25 YES							
L0003931	0	0.51820E-06	451578.7	3765992.4	257.8	3.49	4.00
3.25 YES							
L0003932	0	0.51820E-06	451587.3	3765992.3	257.8	3.49	4.00
3.25 YES							
L0003933	0	0.51820E-06	451595.8	3765992.3	257.9	3.49	4.00
3.25 YES							
L0004492	0	0.57210E-06	450966.5	3765258.1	249.0	3.49	4.00
3.25 YES							
L0004493	0	0.57210E-06	450966.4	3765266.6	249.1	3.49	4.00
3.25 YES							
L0004494	0	0.57210E-06	450966.3	3765275.2	249.2	3.49	4.00
3.25 YES							
L0004495	0	0.57210E-06	450966.2	3765283.8	249.3	3.49	4.00
3.25 YES							
L0004496	0	0.57210E-06	450966.2	3765292.4	249.4	3.49	4.00
3.25 YES							
L0004497	0	0.57210E-06	450966.1	3765301.0	249.5	3.49	4.00
3.25 YES							
L0004498	0	0.57210E-06	450966.0	3765309.6	249.6	3.49	4.00
3.25 YES							
L0004499	0	0.57210E-06	450966.2	3765318.2	249.7	3.49	4.00
3.25 YES							
L0004500	0	0.57210E-06	450966.5	3765326.8	249.7	3.49	4.00
3.25 YES							
L0004501	0	0.57210E-06	450966.8	3765335.4	249.8	3.49	4.00
3.25 YES							
L0004502	0	0.57210E-06	450967.1	3765343.9	249.9	3.49	4.00
3.25 YES							
L0004503	0	0.57210E-06	450967.4	3765352.5	250.0	3.49	4.00
3.25 YES							
L0004504	0	0.57210E-06	450967.6	3765361.1	250.1	3.49	4.00
3.25 YES							
L0004505	0	0.57210E-06	450967.9	3765369.7	250.2	3.49	4.00
3.25 YES							
L0004506	0	0.57210E-06	450968.2	3765378.3	250.3	3.49	4.00
3.25 YES							
L0004507	0	0.57210E-06	450968.5	3765386.9	250.4	3.49	4.00
3.25 YES							
L0004508	0	0.57210E-06	450968.7	3765395.5	250.4	3.49	4.00
3.25 YES							
L0004509	0	0.57210E-06	450969.0	3765404.0	250.5	3.49	4.00
3.25 YES							
L0004510	0	0.57210E-06	450969.3	3765412.6	250.6	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC                ***      02/08/21
*** AERMET - VERSION 16216 ***          ***
***                                     ***
                                     20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004511		0	0.57210E-06	450969.6	3765421.2	250.7	3.49	4.00
3.25	YES							
L0004512		0	0.57210E-06	450969.8	3765429.8	250.8	3.49	4.00
3.25	YES							
L0004513		0	0.57210E-06	450970.1	3765438.4	250.9	3.49	4.00
3.25	YES							
L0004514		0	0.57210E-06	450970.4	3765447.0	251.0	3.49	4.00
3.25	YES							
L0004515		0	0.57210E-06	450970.7	3765455.6	251.1	3.49	4.00
3.25	YES							
L0004516		0	0.57210E-06	450970.9	3765464.1	251.1	3.49	4.00
3.25	YES							
L0004517		0	0.57210E-06	450971.2	3765472.7	251.2	3.49	4.00
3.25	YES							
L0004518		0	0.57210E-06	450971.5	3765481.3	251.2	3.49	4.00
3.25	YES							
L0004519		0	0.57210E-06	450971.8	3765489.9	251.2	3.49	4.00
3.25	YES							
L0004520		0	0.57210E-06	450972.0	3765498.5	251.2	3.49	4.00
3.25	YES							
L0004521		0	0.57210E-06	450972.3	3765507.1	251.3	3.49	4.00
3.25	YES							
L0004522		0	0.57210E-06	450972.6	3765515.7	251.4	3.49	4.00
3.25	YES							
L0004523		0	0.57210E-06	450972.9	3765524.2	251.4	3.49	4.00
3.25	YES							
L0004524		0	0.57210E-06	450973.1	3765532.8	251.5	3.49	4.00
3.25	YES							
L0004525		0	0.57210E-06	450972.0	3765541.3	251.6	3.49	4.00
3.25	YES							
L0004526		0	0.57210E-06	450970.9	3765549.9	251.7	3.49	4.00
3.25	YES							
L0004527		0	0.57210E-06	450969.8	3765558.4	251.8	3.49	4.00
3.25	YES							

L0004528	0	0.57210E-06	450968.7	3765566.9	251.9	3.49	4.00
3.25 YES							
L0004529	0	0.57210E-06	450965.8	3765574.9	252.0	3.49	4.00
3.25 YES							
L0004530	0	0.57210E-06	450962.6	3765582.9	252.0	3.49	4.00
3.25 YES							
L0004531	0	0.57210E-06	450959.4	3765590.9	252.1	3.49	4.00
3.25 YES							
L0004532	0	0.57210E-06	450960.8	3765597.5	252.2	3.49	4.00
3.25 YES							
L0004533	0	0.57210E-06	450967.9	3765602.4	252.2	3.49	4.00
3.25 YES							
L0004534	0	0.57210E-06	450974.9	3765607.3	252.3	3.49	4.00
3.25 YES							
L0004535	0	0.57210E-06	450982.0	3765612.2	252.3	3.49	4.00
3.25 YES							
L0004536	0	0.57210E-06	450989.0	3765617.1	252.4	3.49	4.00
3.25 YES							
L0004537	0	0.57210E-06	450996.1	3765622.0	252.4	3.49	4.00
3.25 YES							
L0004538	0	0.57210E-06	451003.1	3765626.9	252.5	3.49	4.00
3.25 YES							
L0004539	0	0.57210E-06	451010.2	3765631.8	252.5	3.49	4.00
3.25 YES							
L0004540	0	0.57210E-06	451017.2	3765636.7	252.6	3.49	4.00
3.25 YES							
L0004541	0	0.57210E-06	451023.4	3765642.6	252.6	3.49	4.00
3.25 YES							
L0004542	0	0.57210E-06	451028.8	3765649.3	252.7	3.49	4.00
3.25 YES							
L0004543	0	0.57210E-06	451034.3	3765655.9	252.8	3.49	4.00
3.25 YES							
L0004544	0	0.57210E-06	451039.7	3765662.6	252.8	3.49	4.00
3.25 YES							
L0004545	0	0.57210E-06	451045.1	3765669.2	252.9	3.49	4.00
3.25 YES							
L0004546	0	0.57210E-06	451050.6	3765675.9	253.0	3.49	4.00
3.25 YES							
L0004547	0	0.57210E-06	451056.0	3765682.5	253.1	3.49	4.00
3.25 YES							
L0004548	0	0.57210E-06	451061.4	3765689.2	253.2	3.49	4.00
3.25 YES							
L0004549	0	0.57210E-06	451066.9	3765695.8	253.4	3.49	4.00
3.25 YES							
L0004550	0	0.57210E-06	451072.3	3765702.5	253.5	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC              ***      02/08/21
*** AERMET - VERSION 16216 ***        ***
***                                  ***
***                                  20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004551		0	0.57210E-06	451077.6	3765709.2	253.6	3.49	4.00
3.25	YES							
L0004552		0	0.57210E-06	451082.7	3765716.2	253.7	3.49	4.00
3.25	YES							
L0004553		0	0.57210E-06	451087.7	3765723.1	253.8	3.49	4.00
3.25	YES							
L0004554		0	0.57210E-06	451092.8	3765730.1	253.8	3.49	4.00
3.25	YES							
L0004555		0	0.57210E-06	451097.0	3765737.5	253.9	3.49	4.00
3.25	YES							
L0004556		0	0.57210E-06	451099.7	3765745.6	254.1	3.49	4.00
3.25	YES							
L0004557		0	0.57210E-06	451102.4	3765753.8	254.2	3.49	4.00
3.25	YES							
L0004558		0	0.57210E-06	451105.1	3765761.9	254.4	3.49	4.00
3.25	YES							
L0004559		0	0.57210E-06	451107.9	3765770.1	254.6	3.49	4.00
3.25	YES							
L0004560		0	0.57210E-06	451110.6	3765778.2	254.7	3.49	4.00
3.25	YES							
L0004561		0	0.57210E-06	451113.3	3765786.4	254.9	3.49	4.00
3.25	YES							
L0004562		0	0.57210E-06	451116.0	3765794.5	255.1	3.49	4.00
3.25	YES							
L0004563		0	0.57210E-06	451118.7	3765802.7	255.2	3.49	4.00
3.25	YES							
L0004564		0	0.57210E-06	451121.3	3765810.8	255.3	3.49	4.00
3.25	YES							
L0004565		0	0.57210E-06	451124.0	3765819.0	255.4	3.49	4.00
3.25	YES							
L0004566		0	0.57210E-06	451126.7	3765827.2	255.4	3.49	4.00
3.25	YES							
L0004567		0	0.57210E-06	451129.3	3765835.3	255.6	3.49	4.00
3.25	YES							

L0004568	0	0.57210E-06	451131.6	3765843.6	255.8	3.49	4.00
3.25 YES							
L0004569	0	0.57210E-06	451131.6	3765852.2	256.0	3.49	4.00
3.25 YES							
L0004570	0	0.57210E-06	451131.6	3765860.7	256.1	3.49	4.00
3.25 YES							
L0004571	0	0.57210E-06	451131.6	3765869.3	256.2	3.49	4.00
3.25 YES							
L0004572	0	0.57210E-06	451131.6	3765877.9	256.2	3.49	4.00
3.25 YES							
L0004573	0	0.57210E-06	451131.6	3765886.5	256.3	3.49	4.00
3.25 YES							
L0004574	0	0.57210E-06	451131.6	3765895.1	256.4	3.49	4.00
3.25 YES							
L0004575	0	0.57210E-06	451131.6	3765903.7	256.5	3.49	4.00
3.25 YES							
L0004576	0	0.57210E-06	451131.6	3765912.3	256.6	3.49	4.00
3.25 YES							
L0004577	0	0.57210E-06	451131.5	3765920.9	256.7	3.49	4.00
3.25 YES							
L0004578	0	0.57210E-06	451131.3	3765929.5	256.8	3.49	4.00
3.25 YES							
L0004579	0	0.57210E-06	451131.1	3765938.0	256.9	3.49	4.00
3.25 YES							
L0004580	0	0.57210E-06	451130.9	3765946.6	256.9	3.49	4.00
3.25 YES							
L0004581	0	0.57210E-06	451130.8	3765955.2	257.0	3.49	4.00
3.25 YES							
L0004582	0	0.57210E-06	451130.6	3765963.8	257.1	3.49	4.00
3.25 YES							
L0004583	0	0.57210E-06	451130.4	3765972.4	257.2	3.49	4.00
3.25 YES							
L0004584	0	0.57210E-06	451130.2	3765981.0	257.3	3.49	4.00
3.25 YES							
L0004585	0	0.57210E-06	451130.1	3765989.6	257.5	3.49	4.00
3.25 YES							
L0004586	0	0.57210E-06	451133.6	3765994.5	257.5	3.49	4.00
3.25 YES							
L0004587	0	0.57210E-06	451142.2	3765994.4	257.5	3.49	4.00
3.25 YES							
L0004588	0	0.57210E-06	451150.8	3765994.4	257.4	3.49	4.00
3.25 YES							
L0004589	0	0.57210E-06	451159.4	3765994.4	257.4	3.49	4.00
3.25 YES							
L0004590	0	0.57210E-06	451168.0	3765994.3	257.4	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC                ***      02/08/21
*** AERMET - VERSION 16216 ***          ***
***                                     ***
                                     20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY						
L0004591		0	0.57210E-06	451176.6	3765994.3	257.4	3.49	4.00
3.25	YES							
L0004592		0	0.57210E-06	451185.2	3765994.2	257.4	3.49	4.00
3.25	YES							
L0004593		0	0.57210E-06	451193.7	3765994.2	257.4	3.49	4.00
3.25	YES							
L0004594		0	0.57210E-06	451202.3	3765994.2	257.4	3.49	4.00
3.25	YES							
L0004595		0	0.57210E-06	451210.9	3765994.1	257.4	3.49	4.00
3.25	YES							
L0004596		0	0.57210E-06	451219.5	3765994.1	257.4	3.49	4.00
3.25	YES							
L0004597		0	0.57210E-06	451228.1	3765994.0	257.4	3.49	4.00
3.25	YES							
L0004598		0	0.57210E-06	451236.7	3765994.0	257.4	3.49	4.00
3.25	YES							
L0004599		0	0.57210E-06	451245.3	3765994.0	257.4	3.49	4.00
3.25	YES							
L0004600		0	0.57210E-06	451253.9	3765993.9	257.3	3.49	4.00
3.25	YES							
L0004601		0	0.57210E-06	451262.5	3765993.9	257.3	3.49	4.00
3.25	YES							
L0004602		0	0.57210E-06	451271.1	3765993.8	257.2	3.49	4.00
3.25	YES							
L0004603		0	0.57210E-06	451279.6	3765993.8	257.2	3.49	4.00
3.25	YES							
L0004604		0	0.57210E-06	451288.2	3765993.8	257.2	3.49	4.00
3.25	YES							
L0004605		0	0.57210E-06	451296.8	3765993.7	257.1	3.49	4.00
3.25	YES							
L0004606		0	0.57210E-06	451305.4	3765993.7	257.1	3.49	4.00
3.25	YES							
L0004607		0	0.57210E-06	451314.0	3765993.6	257.1	3.49	4.00
3.25	YES							

L0004608	0	0.57210E-06	451322.6	3765993.6	257.1	3.49	4.00
3.25 YES							
L0004609	0	0.57210E-06	451331.2	3765993.5	257.1	3.49	4.00
3.25 YES							
L0004610	0	0.57210E-06	451339.8	3765993.5	257.1	3.49	4.00
3.25 YES							
L0004611	0	0.57210E-06	451348.4	3765993.5	257.1	3.49	4.00
3.25 YES							
L0004612	0	0.57210E-06	451357.0	3765993.4	257.1	3.49	4.00
3.25 YES							
L0004613	0	0.57210E-06	451365.5	3765993.4	257.2	3.49	4.00
3.25 YES							
L0004614	0	0.57210E-06	451374.1	3765993.3	257.2	3.49	4.00
3.25 YES							
L0004615	0	0.57210E-06	451382.7	3765993.3	257.2	3.49	4.00
3.25 YES							
L0004616	0	0.57210E-06	451391.3	3765993.3	257.3	3.49	4.00
3.25 YES							
L0004617	0	0.57210E-06	451399.9	3765993.2	257.3	3.49	4.00
3.25 YES							
L0004618	0	0.57210E-06	451408.5	3765993.2	257.4	3.49	4.00
3.25 YES							
L0004619	0	0.57210E-06	451417.1	3765993.1	257.4	3.49	4.00
3.25 YES							
L0004620	0	0.57210E-06	451425.7	3765993.1	257.4	3.49	4.00
3.25 YES							
L0004621	0	0.57210E-06	451434.3	3765993.1	257.4	3.49	4.00
3.25 YES							
L0004622	0	0.57210E-06	451442.9	3765993.0	257.4	3.49	4.00
3.25 YES							
L0004623	0	0.57210E-06	451451.4	3765993.0	257.4	3.49	4.00
3.25 YES							
L0004624	0	0.57210E-06	451460.0	3765992.9	257.4	3.49	4.00
3.25 YES							
L0004625	0	0.57210E-06	451468.6	3765992.9	257.4	3.49	4.00
3.25 YES							
L0004626	0	0.57210E-06	451477.2	3765992.9	257.4	3.49	4.00
3.25 YES							
L0004627	0	0.57210E-06	451485.8	3765992.8	257.4	3.49	4.00
3.25 YES							
L0004628	0	0.57210E-06	451494.4	3765992.8	257.5	3.49	4.00
3.25 YES							
L0004629	0	0.57210E-06	451503.0	3765992.7	257.6	3.49	4.00
3.25 YES							
L0004630	0	0.57210E-06	451511.6	3765992.7	257.6	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC                ***      02/08/21
*** AERMET - VERSION 16216 ***          ***
***                                     ***
                                     20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY						
L0004631		0	0.57210E-06	451520.2	3765992.6	257.6	3.49	4.00
3.25	YES							
L0004632		0	0.57210E-06	451528.8	3765992.6	257.6	3.49	4.00
3.25	YES							
L0004633		0	0.57210E-06	451537.3	3765992.6	257.6	3.49	4.00
3.25	YES							
L0004634		0	0.57210E-06	451545.9	3765992.5	257.6	3.49	4.00
3.25	YES							
L0004635		0	0.57210E-06	451554.5	3765992.5	257.7	3.49	4.00
3.25	YES							
L0004636		0	0.57210E-06	451563.1	3765992.4	257.7	3.49	4.00
3.25	YES							
L0004637		0	0.57210E-06	451571.7	3765992.4	257.7	3.49	4.00
3.25	YES							
L0004638		0	0.57210E-06	451580.3	3765992.4	257.8	3.49	4.00
3.25	YES							
L0004639		0	0.57210E-06	451588.9	3765992.3	257.8	3.49	4.00
3.25	YES							
L0004640		0	0.57210E-06	451597.5	3765992.3	257.9	3.49	4.00
3.25	YES							
L0004083		0	0.10870E-06	451344.2	3765232.8	248.8	3.49	4.00
3.25	YES							
L0004084		0	0.10870E-06	451352.8	3765232.7	248.8	3.49	4.00
3.25	YES							
L0004085		0	0.10870E-06	451361.4	3765232.7	248.8	3.49	4.00
3.25	YES							
L0004086		0	0.10870E-06	451370.0	3765232.7	248.8	3.49	4.00
3.25	YES							
L0004087		0	0.10870E-06	451378.5	3765232.6	248.8	3.49	4.00
3.25	YES							
L0004088		0	0.10870E-06	451387.1	3765232.6	248.8	3.49	4.00
3.25	YES							
L0004089		0	0.10870E-06	451395.7	3765232.6	248.8	3.49	4.00
3.25	YES							

L0004090	0	0.10870E-06	451404.3	3765232.5	248.9	3.49	4.00
3.25 YES							
L0004091	0	0.10870E-06	451412.9	3765232.5	249.0	3.49	4.00
3.25 YES							
L0004092	0	0.10870E-06	451421.5	3765232.4	249.1	3.49	4.00
3.25 YES							
L0004093	0	0.10870E-06	451430.1	3765232.4	249.1	3.49	4.00
3.25 YES							
L0004094	0	0.10870E-06	451438.7	3765232.4	249.1	3.49	4.00
3.25 YES							
L0004095	0	0.10870E-06	451447.3	3765232.3	249.1	3.49	4.00
3.25 YES							
L0004096	0	0.10870E-06	451455.9	3765232.3	249.1	3.49	4.00
3.25 YES							
L0004097	0	0.10870E-06	451464.4	3765232.3	249.1	3.49	4.00
3.25 YES							
L0004098	0	0.10870E-06	451473.0	3765232.2	249.1	3.49	4.00
3.25 YES							
L0004099	0	0.10870E-06	451481.6	3765232.2	249.1	3.49	4.00
3.25 YES							
L0004100	0	0.10870E-06	451490.2	3765232.1	249.2	3.49	4.00
3.25 YES							
L0004101	0	0.10870E-06	451498.8	3765232.1	249.2	3.49	4.00
3.25 YES							
L0004102	0	0.10870E-06	451507.4	3765232.1	249.3	3.49	4.00
3.25 YES							
L0004103	0	0.10870E-06	451516.0	3765232.0	249.3	3.49	4.00
3.25 YES							
L0004104	0	0.10870E-06	451524.6	3765232.0	249.4	3.49	4.00
3.25 YES							
L0004105	0	0.10870E-06	451533.2	3765232.0	249.4	3.49	4.00
3.25 YES							
L0004106	0	0.10870E-06	451541.8	3765231.9	249.4	3.49	4.00
3.25 YES							
L0004107	0	0.10870E-06	451550.3	3765231.9	249.4	3.49	4.00
3.25 YES							
L0004108	0	0.10870E-06	451558.9	3765231.8	249.4	3.49	4.00
3.25 YES							
L0004109	0	0.10870E-06	451567.5	3765231.8	249.4	3.49	4.00
3.25 YES							
L0004110	0	0.10870E-06	451576.1	3765231.8	249.4	3.49	4.00
3.25 YES							
L0004111	0	0.10870E-06	451584.7	3765231.7	249.4	3.49	4.00
3.25 YES							
L0004112	0	0.10870E-06	451593.3	3765231.7	249.4	3.49	4.00
3.25 YES							

*** AERMOD - VERSION 19191 ***
 HRA\13575-03 OPS HRA.ISC
 *** AERMET - VERSION 16216 ***

*** C:\LAKES\AERMOD VIEW\13575-03 OPS
 *** 02/08/21
 *** 20:59:46

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0004113		0	0.10870E-06	451594.3	3765239.4	249.5	3.49	4.00
3.25	YES							
L0004114		0	0.10870E-06	451594.4	3765247.9	249.6	3.49	4.00
3.25	YES							
L0004115		0	0.10870E-06	451594.5	3765256.5	249.6	3.49	4.00
3.25	YES							
L0004116		0	0.10870E-06	451594.6	3765265.1	249.7	3.49	4.00
3.25	YES							
L0004117		0	0.10870E-06	451594.6	3765273.7	249.8	3.49	4.00
3.25	YES							
L0004118		0	0.10870E-06	451594.7	3765282.3	249.9	3.49	4.00
3.25	YES							
L0004119		0	0.10870E-06	451594.8	3765290.9	250.0	3.49	4.00
3.25	YES							
L0004120		0	0.10870E-06	451594.9	3765299.5	250.1	3.49	4.00
3.25	YES							
L0004121		0	0.10870E-06	451595.0	3765308.1	250.2	3.49	4.00
3.25	YES							
L0004122		0	0.10870E-06	451595.1	3765316.7	250.2	3.49	4.00
3.25	YES							
L0004123		0	0.10870E-06	451595.2	3765325.3	250.3	3.49	4.00
3.25	YES							
L0004124		0	0.10870E-06	451595.2	3765333.8	250.4	3.49	4.00
3.25	YES							
L0004125		0	0.10870E-06	451595.3	3765342.4	250.5	3.49	4.00
3.25	YES							
L0004126		0	0.10870E-06	451595.4	3765351.0	250.5	3.49	4.00
3.25	YES							
L0004127		0	0.10870E-06	451595.5	3765359.6	250.5	3.49	4.00
3.25	YES							
L0004128		0	0.10870E-06	451595.6	3765368.2	250.5	3.49	4.00
3.25	YES							
L0004129		0	0.10870E-06	451595.7	3765376.8	250.5	3.49	4.00
3.25	YES							

L0004130	0	0.10870E-06	451595.8	3765385.4	250.5	3.49	4.00
3.25 YES							
L0004131	0	0.10870E-06	451595.9	3765394.0	250.5	3.49	4.00
3.25 YES							
L0004132	0	0.10870E-06	451595.9	3765402.6	250.5	3.49	4.00
3.25 YES							
L0004133	0	0.10870E-06	451596.0	3765411.1	250.6	3.49	4.00
3.25 YES							
L0004134	0	0.10870E-06	451596.1	3765419.7	250.7	3.49	4.00
3.25 YES							
L0004135	0	0.10870E-06	451596.2	3765428.3	250.7	3.49	4.00
3.25 YES							
L0004136	0	0.10870E-06	451596.3	3765436.9	250.8	3.49	4.00
3.25 YES							
L0004137	0	0.10870E-06	451596.4	3765445.5	250.9	3.49	4.00
3.25 YES							
L0004138	0	0.10870E-06	451596.5	3765454.1	251.0	3.49	4.00
3.25 YES							
L0004139	0	0.10870E-06	451596.6	3765462.7	251.1	3.49	4.00
3.25 YES							
L0004140	0	0.10870E-06	451596.6	3765471.3	251.2	3.49	4.00
3.25 YES							
L0004141	0	0.10870E-06	451596.7	3765479.9	251.4	3.49	4.00
3.25 YES							
L0004142	0	0.10870E-06	451596.8	3765488.5	251.6	3.49	4.00
3.25 YES							
L0004143	0	0.10870E-06	451596.9	3765497.0	251.8	3.49	4.00
3.25 YES							
L0004144	0	0.10870E-06	451597.0	3765505.6	251.8	3.49	4.00
3.25 YES							
L0004145	0	0.10870E-06	451597.1	3765514.2	251.9	3.49	4.00
3.25 YES							
L0004146	0	0.10870E-06	451597.2	3765522.8	252.0	3.49	4.00
3.25 YES							
L0004147	0	0.10870E-06	451597.3	3765531.4	252.1	3.49	4.00
3.25 YES							
L0004148	0	0.10870E-06	451597.3	3765540.0	252.2	3.49	4.00
3.25 YES							
L0004149	0	0.10870E-06	451597.4	3765548.6	252.3	3.49	4.00
3.25 YES							
L0004150	0	0.10870E-06	451597.5	3765557.2	252.4	3.49	4.00
3.25 YES							
L0004151	0	0.10870E-06	451597.6	3765565.8	252.5	3.49	4.00
3.25 YES							
L0004152	0	0.10870E-06	451597.7	3765574.4	252.6	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC              ***      02/08/21
*** AERMET - VERSION 16216 ***        ***
***                                  ***
***                                  20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---
L0004153		0	0.10870E-06	451597.8	3765582.9	252.6	3.49	4.00
3.25	YES							
L0004154		0	0.10870E-06	451597.9	3765591.5	252.7	3.49	4.00
3.25	YES							
L0004155		0	0.10870E-06	451598.0	3765600.1	252.8	3.49	4.00
3.25	YES							
L0004156		0	0.10870E-06	451598.0	3765608.7	252.9	3.49	4.00
3.25	YES							
L0004157		0	0.10870E-06	451598.1	3765617.3	253.0	3.49	4.00
3.25	YES							
L0004158		0	0.10870E-06	451598.2	3765625.9	253.2	3.49	4.00
3.25	YES							
L0004159		0	0.10870E-06	451598.3	3765634.5	253.4	3.49	4.00
3.25	YES							
L0004160		0	0.10870E-06	451598.4	3765643.1	253.5	3.49	4.00
3.25	YES							
L0004161		0	0.10870E-06	451598.5	3765651.7	253.7	3.49	4.00
3.25	YES							
L0004162		0	0.10870E-06	451598.6	3765660.2	253.7	3.49	4.00
3.25	YES							
L0004163		0	0.10870E-06	451598.7	3765668.8	253.8	3.49	4.00
3.25	YES							
L0004164		0	0.10870E-06	451598.7	3765677.4	253.9	3.49	4.00
3.25	YES							
L0004165		0	0.10870E-06	451598.8	3765686.0	253.9	3.49	4.00
3.25	YES							
L0004166		0	0.10870E-06	451598.9	3765694.6	253.9	3.49	4.00
3.25	YES							
L0004167		0	0.10870E-06	451599.0	3765703.2	253.9	3.49	4.00
3.25	YES							
L0004168		0	0.10870E-06	451599.1	3765711.8	254.0	3.49	4.00
3.25	YES							
L0004169		0	0.10870E-06	451599.2	3765720.4	254.2	3.49	4.00
3.25	YES							

L0004170	0	0.10870E-06	451599.3	3765729.0	254.4	3.49	4.00
3.25 YES							
L0004171	0	0.10870E-06	451599.4	3765737.6	254.5	3.49	4.00
3.25 YES							
L0004172	0	0.10870E-06	451599.4	3765746.1	254.7	3.49	4.00
3.25 YES							
L0004173	0	0.10870E-06	451599.5	3765754.7	254.9	3.49	4.00
3.25 YES							
L0004174	0	0.10870E-06	451599.6	3765763.3	255.1	3.49	4.00
3.25 YES							
L0004175	0	0.10870E-06	451599.7	3765771.9	255.2	3.49	4.00
3.25 YES							
L0004176	0	0.10870E-06	451599.8	3765780.5	255.4	3.49	4.00
3.25 YES							
L0004177	0	0.10870E-06	451599.9	3765789.1	255.6	3.49	4.00
3.25 YES							
L0004178	0	0.10870E-06	451600.0	3765797.7	255.7	3.49	4.00
3.25 YES							
L0004179	0	0.10870E-06	451600.0	3765806.3	255.8	3.49	4.00
3.25 YES							
L0004180	0	0.10870E-06	451600.1	3765814.9	255.9	3.49	4.00
3.25 YES							
L0004181	0	0.10870E-06	451600.2	3765823.4	256.0	3.49	4.00
3.25 YES							
L0004182	0	0.10870E-06	451600.3	3765832.0	256.1	3.49	4.00
3.25 YES							
L0004183	0	0.10870E-06	451600.4	3765840.6	256.2	3.49	4.00
3.25 YES							
L0004184	0	0.10870E-06	451600.5	3765849.2	256.3	3.49	4.00
3.25 YES							
L0004185	0	0.10870E-06	451600.6	3765857.8	256.4	3.49	4.00
3.25 YES							
L0004186	0	0.10870E-06	451600.7	3765866.4	256.4	3.49	4.00
3.25 YES							
L0004187	0	0.10870E-06	451600.7	3765875.0	256.5	3.49	4.00
3.25 YES							
L0004188	0	0.10870E-06	451600.8	3765883.6	256.6	3.49	4.00
3.25 YES							
L0004189	0	0.10870E-06	451600.9	3765892.2	256.7	3.49	4.00
3.25 YES							
L0004190	0	0.10870E-06	451601.0	3765900.8	256.8	3.49	4.00
3.25 YES							
L0004191	0	0.10870E-06	451601.1	3765909.3	256.9	3.49	4.00
3.25 YES							
L0004192	0	0.10870E-06	451601.2	3765917.9	257.0	3.49	4.00
3.25 YES							

*** AERMOD - VERSION 19191 ***
 HRA\13575-03 OPS HRA.ISC
 *** AERMET - VERSION 16216 ***

*** C:\LAKES\AERMOD VIEW\13575-03 OPS
 02/08/21
 20:59:46

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004193		0	0.10870E-06	451601.3	3765926.5	257.1	3.49	4.00
3.25	YES							
L0004194		0	0.10870E-06	451601.4	3765935.1	257.1	3.49	4.00
3.25	YES							
L0004195		0	0.10870E-06	451601.4	3765943.7	257.2	3.49	4.00
3.25	YES							
L0004196		0	0.10870E-06	451601.5	3765952.3	257.3	3.49	4.00
3.25	YES							
L0004197		0	0.10870E-06	451601.6	3765960.9	257.4	3.49	4.00
3.25	YES							
L0004198		0	0.10870E-06	451601.7	3765969.5	257.5	3.49	4.00
3.25	YES							
L0004199		0	0.10870E-06	451601.8	3765978.1	257.6	3.49	4.00
3.25	YES							
L0004200		0	0.10870E-06	451601.9	3765986.6	257.8	3.49	4.00
3.25	YES							
L0004201		0	0.10870E-06	451602.0	3765995.2	257.9	3.49	4.00
3.25	YES							
L0004202		0	0.95660E-07	451335.5	3765012.8	246.9	3.49	4.00
3.25	YES							
L0004203		0	0.95660E-07	451335.6	3765021.3	246.9	3.49	4.00
3.25	YES							
L0004204		0	0.95660E-07	451335.7	3765029.9	247.0	3.49	4.00
3.25	YES							
L0004205		0	0.95660E-07	451335.7	3765038.5	247.1	3.49	4.00
3.25	YES							
L0004206		0	0.95660E-07	451335.8	3765047.1	247.2	3.49	4.00
3.25	YES							
L0004207		0	0.95660E-07	451335.9	3765055.7	247.3	3.49	4.00
3.25	YES							
L0004208		0	0.95660E-07	451336.0	3765064.3	247.4	3.49	4.00
3.25	YES							
L0004209		0	0.95660E-07	451336.1	3765072.9	247.5	3.49	4.00
3.25	YES							

L0004210	0	0.95660E-07	451336.2	3765081.5	247.6	3.49	4.00
3.25 YES							
L0004211	0	0.95660E-07	451336.2	3765090.1	247.6	3.49	4.00
3.25 YES							
L0004212	0	0.95660E-07	451336.3	3765098.7	247.7	3.49	4.00
3.25 YES							
L0004213	0	0.95660E-07	451336.4	3765107.2	247.8	3.49	4.00
3.25 YES							
L0004214	0	0.95660E-07	451336.5	3765115.8	247.9	3.49	4.00
3.25 YES							
L0004215	0	0.95660E-07	451336.6	3765124.4	248.0	3.49	4.00
3.25 YES							
L0004216	0	0.95660E-07	451336.7	3765133.0	248.1	3.49	4.00
3.25 YES							
L0004217	0	0.95660E-07	451336.7	3765141.6	248.2	3.49	4.00
3.25 YES							
L0004218	0	0.95660E-07	451336.8	3765150.2	248.2	3.49	4.00
3.25 YES							
L0004219	0	0.95660E-07	451336.9	3765158.8	248.3	3.49	4.00
3.25 YES							
L0004220	0	0.95660E-07	451337.0	3765167.4	248.4	3.49	4.00
3.25 YES							
L0004221	0	0.95660E-07	451337.1	3765176.0	248.5	3.49	4.00
3.25 YES							
L0004222	0	0.95660E-07	451337.2	3765184.5	248.6	3.49	4.00
3.25 YES							
L0004223	0	0.95660E-07	451337.3	3765193.1	248.7	3.49	4.00
3.25 YES							
L0004224	0	0.95660E-07	451337.3	3765201.7	248.7	3.49	4.00
3.25 YES							
L0004225	0	0.95660E-07	451337.4	3765210.3	248.7	3.49	4.00
3.25 YES							
L0004226	0	0.95660E-07	451337.5	3765218.9	248.7	3.49	4.00
3.25 YES							
L0004227	0	0.95660E-07	451337.6	3765227.5	248.7	3.49	4.00
3.25 YES							
L0004228	0	0.95660E-07	451337.7	3765236.1	248.8	3.49	4.00
3.25 YES							
L0004229	0	0.95660E-07	451346.2	3765236.0	248.8	3.49	4.00
3.25 YES							
L0004230	0	0.95660E-07	451354.8	3765235.8	248.8	3.49	4.00
3.25 YES							
L0004231	0	0.95660E-07	451363.4	3765235.7	248.8	3.49	4.00
3.25 YES							
L0004232	0	0.95660E-07	451372.0	3765235.5	248.8	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC              ***      02/08/21
*** AERMET - VERSION 16216 ***        ***
***                                  ***
***                                  20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE					
SZ	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID		SCALAR	VARY					
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0004233		0	0.95660E-07	451380.6	3765235.4	248.8	3.49	4.00
3.25	YES							
L0004234		0	0.95660E-07	451389.2	3765235.2	248.8	3.49	4.00
3.25	YES							
L0004235		0	0.95660E-07	451397.8	3765235.1	248.9	3.49	4.00
3.25	YES							
L0004236		0	0.95660E-07	451406.4	3765234.9	249.0	3.49	4.00
3.25	YES							
L0004237		0	0.95660E-07	451415.0	3765234.8	249.1	3.49	4.00
3.25	YES							
L0004238		0	0.95660E-07	451423.5	3765234.6	249.1	3.49	4.00
3.25	YES							
L0004239		0	0.95660E-07	451432.1	3765234.5	249.1	3.49	4.00
3.25	YES							
L0004240		0	0.95660E-07	451440.7	3765234.3	249.1	3.49	4.00
3.25	YES							
L0004241		0	0.95660E-07	451449.3	3765234.2	249.1	3.49	4.00
3.25	YES							
L0004242		0	0.95660E-07	451457.9	3765234.0	249.1	3.49	4.00
3.25	YES							
L0004243		0	0.95660E-07	451466.5	3765233.9	249.1	3.49	4.00
3.25	YES							
L0004244		0	0.95660E-07	451475.1	3765233.7	249.1	3.49	4.00
3.25	YES							
L0004245		0	0.95660E-07	451483.7	3765233.6	249.1	3.49	4.00
3.25	YES							
L0004246		0	0.95660E-07	451492.3	3765233.4	249.2	3.49	4.00
3.25	YES							
L0004247		0	0.95660E-07	451500.8	3765233.3	249.3	3.49	4.00
3.25	YES							
L0004248		0	0.95660E-07	451509.4	3765233.1	249.3	3.49	4.00
3.25	YES							
L0004249		0	0.95660E-07	451518.0	3765233.0	249.4	3.49	4.00
3.25	YES							

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0004273		0	0.95660E-07	451595.5	3765361.6	250.5	3.49	4.00
3.25	YES							
L0004274		0	0.95660E-07	451595.6	3765370.2	250.5	3.49	4.00
3.25	YES							
L0004275		0	0.95660E-07	451595.7	3765378.8	250.5	3.49	4.00
3.25	YES							
L0004276		0	0.95660E-07	451595.8	3765387.4	250.5	3.49	4.00
3.25	YES							
L0004277		0	0.95660E-07	451595.9	3765396.0	250.5	3.49	4.00
3.25	YES							
L0004278		0	0.95660E-07	451596.0	3765404.6	250.5	3.49	4.00
3.25	YES							
L0004279		0	0.95660E-07	451596.1	3765413.2	250.6	3.49	4.00
3.25	YES							
L0004280		0	0.95660E-07	451596.1	3765421.8	250.7	3.49	4.00
3.25	YES							
L0004281		0	0.95660E-07	451596.2	3765430.4	250.8	3.49	4.00
3.25	YES							
L0004282		0	0.95660E-07	451596.3	3765438.9	250.9	3.49	4.00
3.25	YES							
L0004283		0	0.95660E-07	451596.4	3765447.5	250.9	3.49	4.00
3.25	YES							
L0004284		0	0.95660E-07	451596.5	3765456.1	251.0	3.49	4.00
3.25	YES							
L0004285		0	0.95660E-07	451596.6	3765464.7	251.1	3.49	4.00
3.25	YES							
L0004286		0	0.95660E-07	451596.7	3765473.3	251.3	3.49	4.00
3.25	YES							
L0004287		0	0.95660E-07	451596.8	3765481.9	251.5	3.49	4.00
3.25	YES							
L0004288		0	0.95660E-07	451596.8	3765490.5	251.6	3.49	4.00
3.25	YES							
L0004289		0	0.95660E-07	451596.9	3765499.1	251.8	3.49	4.00
3.25	YES							

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0004313		0	0.95660E-07	451599.0	3765705.2	253.9	3.49	4.00
3.25	YES							
L0004314		0	0.95660E-07	451599.1	3765713.8	254.0	3.49	4.00
3.25	YES							
L0004315		0	0.95660E-07	451599.2	3765722.4	254.2	3.49	4.00
3.25	YES							
L0004316		0	0.95660E-07	451599.3	3765731.0	254.4	3.49	4.00
3.25	YES							
L0004317		0	0.95660E-07	451599.4	3765739.6	254.6	3.49	4.00
3.25	YES							
L0004318		0	0.95660E-07	451599.5	3765748.2	254.8	3.49	4.00
3.25	YES							
L0004319		0	0.95660E-07	451599.5	3765756.8	254.9	3.49	4.00
3.25	YES							
L0004320		0	0.95660E-07	451599.6	3765765.3	255.1	3.49	4.00
3.25	YES							
L0004321		0	0.95660E-07	451599.7	3765773.9	255.3	3.49	4.00
3.25	YES							
L0004322		0	0.95660E-07	451599.8	3765782.5	255.5	3.49	4.00
3.25	YES							
L0004323		0	0.95660E-07	451599.9	3765791.1	255.6	3.49	4.00
3.25	YES							
L0004324		0	0.95660E-07	451600.0	3765799.7	255.8	3.49	4.00
3.25	YES							
L0004325		0	0.95660E-07	451600.1	3765808.3	255.9	3.49	4.00
3.25	YES							
L0004326		0	0.95660E-07	451600.2	3765816.9	255.9	3.49	4.00
3.25	YES							
L0004327		0	0.95660E-07	451600.2	3765825.5	256.0	3.49	4.00
3.25	YES							
L0004328		0	0.95660E-07	451600.3	3765834.1	256.1	3.49	4.00
3.25	YES							
L0004329		0	0.95660E-07	451600.4	3765842.6	256.2	3.49	4.00
3.25	YES							

L0004330	0	0.95660E-07	451600.5	3765851.2	256.3	3.49	4.00
3.25 YES							
L0004331	0	0.95660E-07	451600.6	3765859.8	256.4	3.49	4.00
3.25 YES							
L0004332	0	0.95660E-07	451600.7	3765868.4	256.5	3.49	4.00
3.25 YES							
L0004333	0	0.95660E-07	451600.8	3765877.0	256.6	3.49	4.00
3.25 YES							
L0004334	0	0.95660E-07	451600.9	3765885.6	256.6	3.49	4.00
3.25 YES							
L0004335	0	0.95660E-07	451600.9	3765894.2	256.7	3.49	4.00
3.25 YES							
L0004336	0	0.95660E-07	451601.0	3765902.8	256.8	3.49	4.00
3.25 YES							
L0004337	0	0.95660E-07	451601.1	3765911.4	256.9	3.49	4.00
3.25 YES							
L0004338	0	0.95660E-07	451601.2	3765920.0	257.0	3.49	4.00
3.25 YES							
L0004339	0	0.95660E-07	451601.3	3765928.5	257.1	3.49	4.00
3.25 YES							
L0004340	0	0.95660E-07	451601.4	3765937.1	257.2	3.49	4.00
3.25 YES							
L0004341	0	0.95660E-07	451601.5	3765945.7	257.2	3.49	4.00
3.25 YES							
L0004342	0	0.95660E-07	451601.6	3765954.3	257.3	3.49	4.00
3.25 YES							
L0004343	0	0.95660E-07	451601.6	3765962.9	257.4	3.49	4.00
3.25 YES							
L0004344	0	0.95660E-07	451601.7	3765971.5	257.5	3.49	4.00
3.25 YES							
L0004345	0	0.95660E-07	451601.8	3765980.1	257.7	3.49	4.00
3.25 YES							
L0004346	0	0.95660E-07	451601.9	3765988.7	257.8	3.49	4.00
3.25 YES							

▲ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\13575-03 OPS
 HRA\13575-03 OPS HRA.ISC *** 02/08/21

*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

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L0003086	L0003081 , L0003087	, L0003082 , L0003088	, L0003083 ,	, L0003084	, L0003085	,
L0003094	L0003089 , L0003095	, L0003090 , L0003096	, L0003091 ,	, L0003092	, L0003093	,
L0003102	L0003097 , L0003103	, L0003098 , L0003104	, L0003099 ,	, L0003100	, L0003101	,
L0003110	L0003105 , L0003111	, L0003106 , L0003112	, L0003107 ,	, L0003108	, L0003109	,
L0003118	L0003113 , L0003119	, L0003114 , L0003120	, L0003115 ,	, L0003116	, L0003117	,
L0003126	L0003121 , L0003127	, L0003122 , L0003128	, L0003123 ,	, L0003124	, L0003125	,
L0003134	L0003129 , L0003135	, L0003130 , L0003136	, L0003131 ,	, L0003132	, L0003133	,
L0003142	L0003137 , L0003143	, L0003138 , L0003144	, L0003139 ,	, L0003140	, L0003141	,
L0003150	L0003145 , L0003151	, L0003146 , L0003152	, L0003147 ,	, L0003148	, L0003149	,
L0003158	L0003153 , L0003159	, L0003154 , L0003160	, L0003155 ,	, L0003156	, L0003157	,
L0003166	L0003161 , L0003167	, L0003162 , L0003168	, L0003163 ,	, L0003164	, L0003165	,
L0003174	L0003169 , L0003175	, L0003170 , L0003176	, L0003171 ,	, L0003172	, L0003173	,
L0003182	L0003177 , L0003183	, L0003178 , L0003184	, L0003179 ,	, L0003180	, L0003181	,
L0003190	L0003185 , L0003191	, L0003186 , L0003192	, L0003187 ,	, L0003188	, L0003189	,
L0003198	L0003193 , L0003199	, L0003194 , L0003200	, L0003195 ,	, L0003196	, L0003197	,
L0003206	L0003201 , L0003207	, L0003202 , L0003208	, L0003203 ,	, L0003204	, L0003205	,

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      L0003217      , L0003218      , L0003219      , L0003220      , L0003221      ,
L0003222      , L0003223      , L0003224      ,

      L0003225      , L0003226      , L0003227      , L0003228      , L0003229      ,
L0003230      , L0003231      , L0003232      ,
^ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC *** 02/08/21
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs
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L0003238	L0003233 , L0003234 , L0003235 , L0003236 , L0003237 , L0003238 , L0003239 , L0003240 ,
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L0003254	L0003249 , L0003250 , L0003251 , L0003252 , L0003253 , L0003254 , L0003255 , L0003256 ,
L0003262	L0003257 , L0003258 , L0003259 , L0003260 , L0003261 , L0003262 , L0003263 , L0003264 ,
L0003270	L0003265 , L0003266 , L0003267 , L0003268 , L0003269 , L0003270 , L0003271 , L0003272 ,
L0003278	L0003273 , L0003274 , L0003275 , L0003276 , L0003277 , L0003278 , L0003279 , L0003280 ,
L0003286	L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 , L0003287 , L0003288 ,
L0003294	L0003289 , L0003290 , L0003291 , L0003292 , L0003293 , L0003294 , L0003295 , L0003296 ,
	L0003297 , L0003298 , L0003299 , L0003300 , L0003301 ,


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L0003302      , L0003303      , L0003304      ,
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                L0003313      , L0003314      , L0003315      , L0003316      , L0003317      ,
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L0003374      , L0003375      , L0003376      ,
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L0003382      , L0003383      , L0003384      ,
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L0003390      , L0003391      , L0003392      ,

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▲ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC              ***      02/08/21
*** AERMET - VERSION 16216 ***      ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

L0003398	L0003393 , L0003399	, L0003394 , L0003400	, L0003395 ,	, L0003396	, L0003397	,
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L0003414	L0003409 , L0003415	, L0003410 , L0003416	, L0003411 ,	, L0003412	, L0003413	,
L0003422	L0003417 , L0003423	, L0003418 , L0003424	, L0003419 ,	, L0003420	, L0003421	,
L0003430	L0003425 , L0003431	, L0003426 , L0003432	, L0003427 ,	, L0003428	, L0003429	,
L0003438	L0003433 , L0003439	, L0003434 , L0003440	, L0003435 ,	, L0003436	, L0003437	,
L0003446	L0003441 , L0003447	, L0003442 , L0003448	, L0003443 ,	, L0003444	, L0003445	,
L0003454	L0003449 , L0003455	, L0003450 , L0003456	, L0003451 ,	, L0003452	, L0003453	,
L0003462	L0003457 , L0003463	, L0003458 , L0003464	, L0003459 ,	, L0003460	, L0003461	,
L0003470	L0003465 , L0003471	, L0003466 , L0003472	, L0003467 ,	, L0003468	, L0003469	,
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L0003486	L0003481 , L0003487	, L0003482 , L0003488	, L0003483 ,	, L0003484	, L0003485	,
L0003494	L0003489 , L0003495	, L0003490 , L0003496	, L0003491 ,	, L0003492	, L0003493	,
L0003502	L0003497 , L0003503	, L0003498 , L0003504	, L0003499 ,	, L0003500	, L0003501	,
L0003510	L0003505 , L0003511	, L0003506 , L0003512	, L0003507 ,	, L0003508	, L0003509	,
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L0003526	L0003521 , L0003527	, L0003522 , L0003528	, L0003523 ,	, L0003524	, L0003525	,

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L0003542 L0003537 , L0003538 , L0003539 , L0003540 , L0003541 ,
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L0003550 L0003545 , L0003546 , L0003547 , L0003548 , L0003549 ,
 , L0003551 , L0003552 ,

▲ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC *** 02/08/21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

L0003558 L0003553 , L0003554 , L0003555 , L0003556 , L0003557 ,
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 , L0003575 , L0003576 ,

L0003582 L0003577 , L0003578 , L0003579 , L0003580 , L0003581 ,
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L0003617 , L0003618 , L0003619 , L0003620 , L0003621 ,

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		L0003625	,	L0003626	,	L0003627
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		L0003633	,	L0003634	,	L0003635
L0003638	,	L0003639	,	L0003640	,	
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L0003646	,	L0003647	,	L0003648	,	
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L0003654	,	L0003655	,	L0003656	,	
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		L0003665	,	L0003666	,	L0003667
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		L0003673	,	L0003674	,	L0003675
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		L0003681	,	L0003682	,	L0003683
L0003686	,	L0003687	,	L0003688	,	
		L0003689	,	L0003690	,	L0003691
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		L0003697	,	L0003698	,	L0003699
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▲ *** AERMOD - VERSION 19191 *** C:\LAKES\AERMOD VIEW\13575-03 OPS
 HRA\13575-03 OPS HRA.ISC *** 02/08/21
 *** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

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L0003742	L0003737 , L0003743	, L0003738 , L0003744	, L0003739 ,	, L0003740	, L0003741	,
L0003750	L0003745 , L0003751	, L0003746 , L0003752	, L0003747 ,	, L0003748	, L0003749	,
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L0003766	L0003761 , L0003767	, L0003762 , L0003768	, L0003763 ,	, L0003764	, L0003765	,
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▲ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC *** 02/08/21

*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

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L0003902 L0003897 , L0003898 , L0003899 , L0003900 , L0003901 ,
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L0003910 L0003905 , L0003906 , L0003907 , L0003908 , L0003909 ,
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	L0004535	, L0004536	, L0004537	, L0004538	, L0004539	,
L0004540	, L0004541	, L0004542	,			
	L0004543	, L0004544	, L0004545	, L0004546	, L0004547	,
L0004548	, L0004549	, L0004550	,			
	L0004551	, L0004552	, L0004553	, L0004554	, L0004555	,
L0004556	, L0004557	, L0004558	,			
	L0004559	, L0004560	, L0004561	, L0004562	, L0004563	,
L0004564	, L0004565	, L0004566	,			
	L0004567	, L0004568	, L0004569	, L0004570	, L0004571	,
L0004572	, L0004573	, L0004574	,			
	L0004575	, L0004576	, L0004577	, L0004578	, L0004579	,
L0004580	, L0004581	, L0004582	,			
	L0004583	, L0004584	, L0004585	, L0004586	, L0004587	,
L0004588	, L0004589	, L0004590	,			

▲ *** AERMOD - VERSION 19191 *** C:\LAKES\AERMOD VIEW\13575-03 OPS
 HRA\13575-03 OPS HRA.ISC *** 02/08/21
 *** AERMET - VERSION 16216 ***
 *** 20:59:46

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

L0004596	L0004591 , L0004597	, L0004592 , L0004598	, L0004593 ,	, L0004594	, L0004595	,
L0004604	L0004599 , L0004605	, L0004600 , L0004606	, L0004601 ,	, L0004602	, L0004603	,
L0004612	L0004607 , L0004613	, L0004608 , L0004614	, L0004609 ,	, L0004610	, L0004611	,
L0004620	L0004615 , L0004621	, L0004616 , L0004622	, L0004617 ,	, L0004618	, L0004619	,
L0004628	L0004623 , L0004629	, L0004624 , L0004630	, L0004625 ,	, L0004626	, L0004627	,
L0004636	L0004631 , L0004637	, L0004632 , L0004638	, L0004633 ,	, L0004634	, L0004635	,
L0004086	L0004639 , L0004087	, L0004640 , L0004088	, L0004083 ,	, L0004084	, L0004085	,
L0004094	L0004089 , L0004095	, L0004090 , L0004096	, L0004091 ,	, L0004092	, L0004093	,
L0004102	L0004097 , L0004103	, L0004098 , L0004104	, L0004099 ,	, L0004100	, L0004101	,
L0004110	L0004105 , L0004111	, L0004106 , L0004112	, L0004107 ,	, L0004108	, L0004109	,
L0004118	L0004113 , L0004119	, L0004114 , L0004120	, L0004115 ,	, L0004116	, L0004117	,
L0004126	L0004121 , L0004127	, L0004122 , L0004128	, L0004123 ,	, L0004124	, L0004125	,
L0004134	L0004129 , L0004135	, L0004130 , L0004136	, L0004131 ,	, L0004132	, L0004133	,
L0004142	L0004137 , L0004143	, L0004138 , L0004144	, L0004139 ,	, L0004140	, L0004141	,
L0004150	L0004145 , L0004151	, L0004146 , L0004152	, L0004147 ,	, L0004148	, L0004149	,
L0004158	L0004153 , L0004159	, L0004154 , L0004160	, L0004155 ,	, L0004156	, L0004157	,
L0004166	L0004161 , L0004167	, L0004162 , L0004168	, L0004163 ,	, L0004164	, L0004165	,


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      L0004169      , L0004170      , L0004171      , L0004172      , L0004173      ,
L0004174      , L0004175      , L0004176      ,

      L0004177      , L0004178      , L0004179      , L0004180      , L0004181      ,
L0004182      , L0004183      , L0004184      ,

      L0004185      , L0004186      , L0004187      , L0004188      , L0004189      ,
L0004190      , L0004191      , L0004192      ,
^ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC *** 02/08/21
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs
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L0004198	L0004193 , L0004194 , L0004195 , L0004196 , L0004197 , L0004198 , L0004199 , L0004200 ,
L0004206	L0004201 , L0004202 , L0004203 , L0004204 , L0004205 , L0004206 , L0004207 , L0004208 ,
L0004214	L0004209 , L0004210 , L0004211 , L0004212 , L0004213 , L0004214 , L0004215 , L0004216 ,
L0004222	L0004217 , L0004218 , L0004219 , L0004220 , L0004221 , L0004222 , L0004223 , L0004224 ,
L0004230	L0004225 , L0004226 , L0004227 , L0004228 , L0004229 , L0004230 , L0004231 , L0004232 ,
L0004238	L0004233 , L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 ,
L0004246	L0004241 , L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 ,
L0004254	L0004249 , L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 ,
	L0004257 , L0004258 , L0004259 , L0004260 , L0004261 ,

L0004262 , L0004263 , L0004264 ,
 L0004270 , L0004271 , L0004272 ,
 L0004278 , L0004279 , L0004280 ,
 L0004286 , L0004287 , L0004288 ,
 L0004294 , L0004295 , L0004296 ,
 L0004302 , L0004303 , L0004304 ,
 L0004310 , L0004311 , L0004312 ,
 L0004318 , L0004319 , L0004320 ,
 L0004326 , L0004327 , L0004328 ,
 L0004334 , L0004335 , L0004336 ,
 L0004342 , L0004343 , L0004344 ,
 L0004345 , L0004346 ,

^ *** AERMOD - VERSION 19191 *** C:\LAKES\AERMOD VIEW\13575-03 OPS
 HRA\13575-03 OPS HRA.ISC *** 02/08/21
 *** AERMET - VERSION 16216 ***
 *** 20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
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2189641.	L0003073	, L0003074 , L0003075 , L0003076 ,
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L0003080	,						
	L0003081	, L0003082	, L0003083	, L0003084	, L0003085	,	
L0003086	, L0003087	, L0003088	,				
	L0003089	, L0003090	, L0003091	, L0003092	, L0003093	,	
L0003094	, L0003095	, L0003096	,				
	L0003097	, L0003098	, L0003099	, L0003100	, L0003101	,	
L0003102	, L0003103	, L0003104	,				
	L0003105	, L0003106	, L0003107	, L0003108	, L0003109	,	
L0003110	, L0003111	, L0003112	,				
	L0003113	, L0003114	, L0003115	, L0003116	, L0003117	,	
L0003118	, L0003119	, L0003120	,				
	L0003121	, L0003122	, L0003123	, L0003124	, L0003125	,	
L0003126	, L0003127	, L0003128	,				
	L0003129	, L0003130	, L0003131	, L0003132	, L0003133	,	
L0003134	, L0003135	, L0003136	,				
	L0003137	, L0003138	, L0003139	, L0003140	, L0003141	,	
L0003142	, L0003143	, L0003144	,				
	L0003145	, L0003146	, L0003147	, L0003148	, L0003149	,	
L0003150	, L0003151	, L0003152	,				
	L0003153	, L0003154	, L0003155	, L0003156	, L0003157	,	
L0003158	, L0003159	, L0003160	,				
	L0003161	, L0003162	, L0003163	, L0003164	, L0003165	,	
L0003166	, L0003167	, L0003168	,				
	L0003169	, L0003170	, L0003171	, L0003172	, L0003173	,	
L0003174	, L0003175	, L0003176	,				
	L0003177	, L0003178	, L0003179	, L0003180	, L0003181	,	
L0003182	, L0003183	, L0003184	,				
	L0003185	, L0003186	, L0003187	, L0003188	, L0003189	,	
L0003190	, L0003191	, L0003192	,				
	L0003193	, L0003194	, L0003195	, L0003196	, L0003197	,	
L0003198	, L0003199	, L0003200	,				
	L0003201	, L0003202	, L0003203	, L0003204	, L0003205	,	
L0003206	, L0003207	, L0003208	,				

L0003214 L0003209 , L0003210 , L0003211 , L0003212 , L0003213 ,
 , L0003215 , L0003216 ,

L0003222 L0003217 , L0003218 , L0003219 , L0003220 , L0003221 ,
 , L0003223 , L0003224 ,

L0003230 L0003225 , L0003226 , L0003227 , L0003228 , L0003229 ,
 , L0003231 , L0003232 ,

▲ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC *** 02/08/21

*** AERMET - VERSION 16216 *** ***
 *** 20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
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L0003238	L0003233 , L0003234 , L0003235 , L0003236 , L0003237 , , L0003239 , L0003240 ,	
L0003246	L0003241 , L0003242 , L0003243 , L0003244 , L0003245 , , L0003247 , L0003248 ,	
L0003254	L0003249 , L0003250 , L0003251 , L0003252 , L0003253 , , L0003255 , L0003256 ,	
L0003262	L0003257 , L0003258 , L0003259 , L0003260 , L0003261 , , L0003263 , L0003264 ,	
L0003270	L0003265 , L0003266 , L0003267 , L0003268 , L0003269 , , L0003271 , L0003272 ,	
L0003278	L0003273 , L0003274 , L0003275 , L0003276 , L0003277 , , L0003279 , L0003280 ,	
L0003286	L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , , L0003287 , L0003288 ,	
L0003294	L0003289 , L0003290 , L0003291 , L0003292 , L0003293 , , L0003295 , L0003296 ,	
	L0003297 , L0003298 , L0003299 , L0003300 , L0003301 ,	

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L0003302      , L0003303      , L0003304      ,
                L0003305      , L0003306      , L0003307      , L0003308      , L0003309      ,
L0003310      , L0003311      , L0003312      ,
                L0003313      , L0003314      , L0003315      , L0003316      , L0003317      ,
L0003318      , L0003319      , L0003320      ,
                L0003321      , L0003322      , L0003323      , L0003324      , L0003325      ,
L0003326      , L0003327      , L0003328      ,
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                L0003337      , L0003338      , L0003339      , L0003340      , L0003341      ,
L0003342      , L0003343      , L0003344      ,
                L0003345      , L0003346      , L0003347      , L0003348      , L0003349      ,
L0003350      , L0003351      , L0003352      ,
                L0003353      , L0003354      , L0003355      , L0003356      , L0003357      ,
L0003358      , L0003359      , L0003360      ,
                L0003361      , L0003362      , L0003363      , L0003364      , L0003365      ,
L0003366      , L0003367      , L0003368      ,
                L0003369      , L0003370      , L0003371      , L0003372      , L0003373      ,
L0003374      , L0003375      , L0003376      ,
                L0003377      , L0003378      , L0003379      , L0003380      , L0003381      ,
L0003382      , L0003383      , L0003384      ,
                L0003385      , L0003386      , L0003387      , L0003388      , L0003389      ,
L0003390      , L0003391      , L0003392      ,

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▲ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC *** 02/08/21
*** AERMET - VERSION 16216 *** ***
*** 20:59:46

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

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URBAN ID      URBAN POP
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SOURCE IDs
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L0003398	L0003393 , L0003399	, L0003394 , L0003400	, L0003395 ,	, L0003396	, L0003397	,
L0003406	L0003401 , L0003407	, L0003402 , L0003408	, L0003403 ,	, L0003404	, L0003405	,
L0003414	L0003409 , L0003415	, L0003410 , L0003416	, L0003411 ,	, L0003412	, L0003413	,
L0003422	L0003417 , L0003423	, L0003418 , L0003424	, L0003419 ,	, L0003420	, L0003421	,
L0003430	L0003425 , L0003431	, L0003426 , L0003432	, L0003427 ,	, L0003428	, L0003429	,
L0003438	L0003433 , L0003439	, L0003434 , L0003440	, L0003435 ,	, L0003436	, L0003437	,
L0003446	L0003441 , L0003447	, L0003442 , L0003448	, L0003443 ,	, L0003444	, L0003445	,
L0003454	L0003449 , L0003455	, L0003450 , L0003456	, L0003451 ,	, L0003452	, L0003453	,
L0003462	L0003457 , L0003463	, L0003458 , L0003464	, L0003459 ,	, L0003460	, L0003461	,
L0003470	L0003465 , L0003471	, L0003466 , L0003472	, L0003467 ,	, L0003468	, L0003469	,
L0003478	L0003473 , L0003479	, L0003474 , L0003480	, L0003475 ,	, L0003476	, L0003477	,
L0003486	L0003481 , L0003487	, L0003482 , L0003488	, L0003483 ,	, L0003484	, L0003485	,
L0003494	L0003489 , L0003495	, L0003490 , L0003496	, L0003491 ,	, L0003492	, L0003493	,
L0003502	L0003497 , L0003503	, L0003498 , L0003504	, L0003499 ,	, L0003500	, L0003501	,
L0003510	L0003505 , L0003511	, L0003506 , L0003512	, L0003507 ,	, L0003508	, L0003509	,
L0003518	L0003513 , L0003519	, L0003514 , L0003520	, L0003515 ,	, L0003516	, L0003517	,
L0003526	L0003521 , L0003527	, L0003522 , L0003528	, L0003523 ,	, L0003524	, L0003525	,

L0003534 L0003529 , L0003530 , L0003531 , L0003532 , L0003533 ,
 , L0003535 , L0003536 ,

L0003542 L0003537 , L0003538 , L0003539 , L0003540 , L0003541 ,
 , L0003543 , L0003544 ,

L0003550 L0003545 , L0003546 , L0003547 , L0003548 , L0003549 ,
 , L0003551 , L0003552 ,

▲ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\13575-03 OPS
 HRA\13575-03 OPS HRA.ISC *** 02/08/21

*** AERMET - VERSION 16216 *** ***
 *** 20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
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L0003558	L0003553 , L0003554 , L0003555 , L0003556 , L0003557 , , L0003559 , L0003560 ,	
L0003566	L0003561 , L0003562 , L0003563 , L0003564 , L0003565 , , L0003567 , L0003568 ,	
L0003574	L0003569 , L0003570 , L0003571 , L0003572 , L0003573 , , L0003575 , L0003576 ,	
L0003582	L0003577 , L0003578 , L0003579 , L0003580 , L0003581 , , L0003583 , L0003584 ,	
L0003590	L0003585 , L0003586 , L0003587 , L0003588 , L0003589 , , L0003591 , L0003592 ,	
L0003598	L0003593 , L0003594 , L0003595 , L0003596 , L0003597 , , L0003599 , L0003600 ,	
L0003606	L0003601 , L0003602 , L0003603 , L0003604 , L0003605 , , L0003607 , L0003608 ,	
L0003614	L0003609 , L0003610 , L0003611 , L0003612 , L0003613 , , L0003615 , L0003616 ,	
	L0003617 , L0003618 , L0003619 , L0003620 , L0003621 ,	

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L0003622      , L0003623      , L0003624      ,
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L0003630      , L0003631      , L0003632      ,
                L0003633      , L0003634      , L0003635      , L0003636      , L0003637      ,
L0003638      , L0003639      , L0003640      ,
                L0003641      , L0003642      , L0003643      , L0003644      , L0003645      ,
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                L0003673      , L0003674      , L0003675      , L0003676      , L0003677      ,
L0003678      , L0003679      , L0003680      ,
                L0003681      , L0003682      , L0003683      , L0003684      , L0003685      ,
L0003686      , L0003687      , L0003688      ,
                L0003689      , L0003690      , L0003691      , L0003692      , L0003693      ,
L0003694      , L0003695      , L0003696      ,
                L0003697      , L0003698      , L0003699      , L0003700      , L0003701      ,
L0003702      , L0003703      , L0003704      ,
                L0003705      , L0003706      , L0003707      , L0003708      , L0003709      ,
L0003710      , L0003711      , L0003712      ,

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▲ *** AERMOD - VERSION 19191 ***      *** C:\LAKES\AERMOD VIEW\13575-03 OPS
HRA\13575-03 OPS HRA.ISC              ***      02/08/21
*** AERMET - VERSION 16216 ***      ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

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URBAN ID      URBAN POP
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SOURCE IDs
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L0003718	L0003713 , L0003719	, L0003714 , L0003720	, L0003715 ,	, L0003716	, L0003717	,
L0003726	L0003721 , L0003727	, L0003722 , L0003728	, L0003723 ,	, L0003724	, L0003725	,
L0003734	L0003729 , L0003735	, L0003730 , L0003736	, L0003731 ,	, L0003732	, L0003733	,
L0003742	L0003737 , L0003743	, L0003738 , L0003744	, L0003739 ,	, L0003740	, L0003741	,
L0003750	L0003745 , L0003751	, L0003746 , L0003752	, L0003747 ,	, L0003748	, L0003749	,
L0003758	L0003753 , L0003759	, L0003754 , L0003760	, L0003755 ,	, L0003756	, L0003757	,
L0003766	L0003761 , L0003767	, L0003762 , L0003768	, L0003763 ,	, L0003764	, L0003765	,
L0003774	L0003769 , L0003775	, L0003770 , L0003776	, L0003771 ,	, L0003772	, L0003773	,
L0003782	L0003777 , L0003783	, L0003778 , L0003784	, L0003779 ,	, L0003780	, L0003781	,
L0003790	L0003785 , L0003791	, L0003786 , L0003792	, L0003787 ,	, L0003788	, L0003789	,
L0003798	L0003793 , L0003799	, L0003794 , L0003800	, L0003795 ,	, L0003796	, L0003797	,
L0003806	L0003801 , L0003807	, L0003802 , L0003808	, L0003803 ,	, L0003804	, L0003805	,
L0003814	L0003809 , L0003815	, L0003810 , L0003816	, L0003811 ,	, L0003812	, L0003813	,
L0003822	L0003817 , L0003823	, L0003818 , L0003824	, L0003819 ,	, L0003820	, L0003821	,
L0003830	L0003825 , L0003831	, L0003826 , L0003832	, L0003827 ,	, L0003828	, L0003829	,
L0003838	L0003833 , L0003839	, L0003834 , L0003840	, L0003835 ,	, L0003836	, L0003837	,
L0003846	L0003841 , L0003847	, L0003842 , L0003848	, L0003843 ,	, L0003844	, L0003845	,

L0003854 L0003849 , L0003850 , L0003851 , L0003852 , L0003853 ,
 , L0003855 , L0003856 ,

L0003862 L0003857 , L0003858 , L0003859 , L0003860 , L0003861 ,
 , L0003863 , L0003864 ,

L0003870 L0003865 , L0003866 , L0003867 , L0003868 , L0003869 ,
 , L0003871 , L0003872 ,

▲ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\13575-03 OPS
 HRA\13575-03 OPS HRA.ISC *** 02/08/21

*** AERMET - VERSION 16216 *** ***
 *** 20:59:46

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
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L0003878	L0003873 , L0003874 , L0003875 , L0003876 , L0003877 , , L0003879 , L0003880 ,	
L0003886	L0003881 , L0003882 , L0003883 , L0003884 , L0003885 , , L0003887 , L0003888 ,	
L0003894	L0003889 , L0003890 , L0003891 , L0003892 , L0003893 , , L0003895 , L0003896 ,	
L0003902	L0003897 , L0003898 , L0003899 , L0003900 , L0003901 , , L0003903 , L0003904 ,	
L0003910	L0003905 , L0003906 , L0003907 , L0003908 , L0003909 , , L0003911 , L0003912 ,	
L0003918	L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , , L0003919 , L0003920 ,	
L0003926	L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , , L0003927 , L0003928 ,	
L0004492	L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , , L0004493 , L0004494 ,	
	L0004495 , L0004496 , L0004497 , L0004498 , L0004499 ,	

L0004500 , L0004501 , L0004502 ,
 L0004508 , L0004503 , L0004504 , L0004505 , L0004506 , L0004507 ,
 L0004516 , L0004509 , L0004510 ,
 L0004516 , L0004511 , L0004512 , L0004513 , L0004514 , L0004515 ,
 L0004524 , L0004517 , L0004518 ,
 L0004524 , L0004519 , L0004520 , L0004521 , L0004522 , L0004523 ,
 L0004532 , L0004525 , L0004526 ,
 L0004532 , L0004527 , L0004528 , L0004529 , L0004530 , L0004531 ,
 L0004540 , L0004533 , L0004534 ,
 L0004540 , L0004535 , L0004536 , L0004537 , L0004538 , L0004539 ,
 L0004548 , L0004541 , L0004542 ,
 L0004548 , L0004543 , L0004544 , L0004545 , L0004546 , L0004547 ,
 L0004556 , L0004549 , L0004550 ,
 L0004556 , L0004551 , L0004552 , L0004553 , L0004554 , L0004555 ,
 L0004564 , L0004557 , L0004558 ,
 L0004564 , L0004559 , L0004560 , L0004561 , L0004562 , L0004563 ,
 L0004572 , L0004565 , L0004566 ,
 L0004572 , L0004567 , L0004568 , L0004569 , L0004570 , L0004571 ,
 L0004580 , L0004573 , L0004574 ,
 L0004580 , L0004575 , L0004576 , L0004577 , L0004578 , L0004579 ,
 L0004588 , L0004581 , L0004582 ,
 L0004588 , L0004583 , L0004584 , L0004585 , L0004586 , L0004587 ,
 L0004588 , L0004589 , L0004590 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID URBAN POP

SOURCE IDs

L0004596	L0004591 , L0004597	, L0004592 , L0004598	, L0004593 ,	, L0004594	, L0004595	,
L0004604	L0004599 , L0004605	, L0004600 , L0004606	, L0004601 ,	, L0004602	, L0004603	,
L0004612	L0004607 , L0004613	, L0004608 , L0004614	, L0004609 ,	, L0004610	, L0004611	,
L0004620	L0004615 , L0004621	, L0004616 , L0004622	, L0004617 ,	, L0004618	, L0004619	,
L0004628	L0004623 , L0004629	, L0004624 , L0004630	, L0004625 ,	, L0004626	, L0004627	,
L0004636	L0004631 , L0004637	, L0004632 , L0004638	, L0004633 ,	, L0004634	, L0004635	,
L0004086	L0004639 , L0004087	, L0004640 , L0004088	, L0004083 ,	, L0004084	, L0004085	,
L0004094	L0004089 , L0004095	, L0004090 , L0004096	, L0004091 ,	, L0004092	, L0004093	,
L0004102	L0004097 , L0004103	, L0004098 , L0004104	, L0004099 ,	, L0004100	, L0004101	,
L0004110	L0004105 , L0004111	, L0004106 , L0004112	, L0004107 ,	, L0004108	, L0004109	,
L0004118	L0004113 , L0004119	, L0004114 , L0004120	, L0004115 ,	, L0004116	, L0004117	,
L0004126	L0004121 , L0004127	, L0004122 , L0004128	, L0004123 ,	, L0004124	, L0004125	,
L0004134	L0004129 , L0004135	, L0004130 , L0004136	, L0004131 ,	, L0004132	, L0004133	,
L0004142	L0004137 , L0004143	, L0004138 , L0004144	, L0004139 ,	, L0004140	, L0004141	,
L0004150	L0004145 , L0004151	, L0004146 , L0004152	, L0004147 ,	, L0004148	, L0004149	,
L0004158	L0004153 , L0004159	, L0004154 , L0004160	, L0004155 ,	, L0004156	, L0004157	,
L0004166	L0004161 , L0004167	, L0004162 , L0004168	, L0004163 ,	, L0004164	, L0004165	,

L0004174 L0004169 , L0004170 , L0004171 , L0004172 , L0004173 ,
 , L0004175 , L0004176 ,

L0004182 L0004177 , L0004178 , L0004179 , L0004180 , L0004181 ,
 , L0004183 , L0004184 ,

L0004190 L0004185 , L0004186 , L0004187 , L0004188 , L0004189 ,
 , L0004191 , L0004192 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0004198	L0004193 , L0004194 , L0004195 , L0004196 , L0004197 , , L0004199 , L0004200 ,	
L0004206	L0004201 , L0004202 , L0004203 , L0004204 , L0004205 , , L0004207 , L0004208 ,	
L0004214	L0004209 , L0004210 , L0004211 , L0004212 , L0004213 , , L0004215 , L0004216 ,	
L0004222	L0004217 , L0004218 , L0004219 , L0004220 , L0004221 , , L0004223 , L0004224 ,	
L0004230	L0004225 , L0004226 , L0004227 , L0004228 , L0004229 , , L0004231 , L0004232 ,	
L0004238	L0004233 , L0004234 , L0004235 , L0004236 , L0004237 , , L0004239 , L0004240 ,	
L0004246	L0004241 , L0004242 , L0004243 , L0004244 , L0004245 , , L0004247 , L0004248 ,	
L0004254	L0004249 , L0004250 , L0004251 , L0004252 , L0004253 , , L0004255 , L0004256 ,	
	L0004257 , L0004258 , L0004259 , L0004260 , L0004261 ,	

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L0004262      , L0004263      , L0004264      ,
                L0004265      , L0004266      , L0004267      , L0004268      , L0004269      ,
L0004270      , L0004271      , L0004272      ,
                L0004273      , L0004274      , L0004275      , L0004276      , L0004277      ,
L0004278      , L0004279      , L0004280      ,
                L0004281      , L0004282      , L0004283      , L0004284      , L0004285      ,
L0004286      , L0004287      , L0004288      ,
                L0004289      , L0004290      , L0004291      , L0004292      , L0004293      ,
L0004294      , L0004295      , L0004296      ,
                L0004297      , L0004298      , L0004299      , L0004300      , L0004301      ,
L0004302      , L0004303      , L0004304      ,
                L0004305      , L0004306      , L0004307      , L0004308      , L0004309      ,
L0004310      , L0004311      , L0004312      ,
                L0004313      , L0004314      , L0004315      , L0004316      , L0004317      ,
L0004318      , L0004319      , L0004320      ,
                L0004321      , L0004322      , L0004323      , L0004324      , L0004325      ,
L0004326      , L0004327      , L0004328      ,
                L0004329      , L0004330      , L0004331      , L0004332      , L0004333      ,
L0004334      , L0004335      , L0004336      ,
                L0004337      , L0004338      , L0004339      , L0004340      , L0004341      ,
L0004342      , L0004343      , L0004344      ,
                L0004345      , L0004346      ,
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

( 449025.0, 3765280.0, 250.5, 250.5, 0.0); ( 451409.5,
3765043.6, 247.2, 247.2, 0.0);
( 451144.6, 3764966.1, 246.4, 246.4, 0.0); ( 450724.7,
3764966.1, 246.4, 246.4, 0.0);
( 450541.3, 3765341.1, 249.9, 249.9, 0.0); ( 451148.6,

```

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

PROCESSING ***

[illegible]

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

(METERS/SEC)

10.80,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: KRAL_V9_ADJU\KRAL_V9.SFC

Met Version: 16216

Profile file: KRAL_V9_ADJU\KRAL_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171

Name: UNKNOWN

Upper air station no.: 3190

Name: UNKNOWN

Year: 2012

Year: 2012

First 24 hours of scalar data

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

12	01	01	1	01	-25.6	0.266	-9.000	-9.000	-999.	330.	77.9	0.15	2.40
1.00	2.93	55.	10.1	288.1	2.0								
12	01	01	1	02	-26.8	0.277	-9.000	-9.000	-999.	351.	84.7	0.15	2.40
1.00	3.05	55.	10.1	287.0	2.0								
12	01	01	1	03	-21.5	0.221	-9.000	-9.000	-999.	250.	53.5	0.15	2.40
1.00	2.45	74.	10.1	284.2	2.0								
12	01	01	1	04	-22.0	0.227	-9.000	-9.000	-999.	260.	56.8	0.15	2.40
1.00	2.52	77.	10.1	285.9	2.0								
12	01	01	1	05	-20.0	0.206	-9.000	-9.000	-999.	225.	46.8	0.15	2.40
1.00	2.30	80.	10.1	285.4	2.0								
12	01	01	1	06	-14.4	0.171	-9.000	-9.000	-999.	170.	32.1	0.15	2.40
1.00	1.93	79.	10.1	287.0	2.0								
12	01	01	1	07	-14.9	0.174	-9.000	-9.000	-999.	174.	33.2	0.15	2.40
1.00	1.96	77.	10.1	284.2	2.0								
12	01	01	1	08	-11.9	0.169	-9.000	-9.000	-999.	167.	36.1	0.15	2.40
0.53	1.89	77.	10.1	288.1	2.0								
12	01	01	1	09	40.4	0.234	0.359	0.006	40.	272.	-28.1	0.15	2.40
0.31	2.10	81.	10.1	289.2	2.0								
12	01	01	1	10	112.6	0.246	0.742	0.005	129.	293.	-11.8	0.15	2.40
0.24	1.99	101.	10.1	296.4	2.0								
12	01	01	1	11	161.0	0.402	1.188	0.005	369.	611.	-35.6	0.15	2.40
0.21	3.68	78.	10.1	298.8	2.0								
12	01	01	1	12	184.7	0.337	1.516	0.005	668.	473.	-18.4	0.15	2.40
0.20	2.89	68.	10.1	300.4	2.0								
12	01	01	1	13	183.9	0.310	1.809	0.005	1139.	414.	-14.2	0.15	2.40
0.20	2.57	64.	10.1	302.5	2.0								
12	01	01	1	14	156.6	0.374	1.852	0.005	1434.	549.	-29.5	0.15	2.40

0.22	3.37	63.	10.1	303.1	2.0								
12	01	01	1	15	104.3	0.382	1.658	0.005	1546.	567.	-47.2	0.15	2.40
0.25	3.59	62.	10.1	302.5	2.0								
12	01	01	1	16	31.8	0.374	1.123	0.005	1573.	550.	-145.8	0.15	2.40
0.34	3.76	69.	10.1	300.9	2.0								
12	01	01	1	17	-23.3	0.276	-9.000	-9.000	-999.	354.	84.0	0.15	2.40
0.62	3.03	59.	10.1	297.5	2.0								
12	01	01	1	18	-21.5	0.229	-9.000	-9.000	-999.	264.	57.8	0.15	2.40
1.00	2.54	54.	10.1	295.4	2.0								
12	01	01	1	19	-19.3	0.204	-9.000	-9.000	-999.	221.	45.6	0.15	2.40
1.00	2.27	79.	10.1	292.0	2.0								
12	01	01	1	20	-20.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.15	2.40
1.00	2.42	79.	10.1	292.5	2.0								
12	01	01	1	21	-19.7	0.206	-9.000	-9.000	-999.	225.	46.9	0.15	2.40
1.00	2.30	95.	10.1	290.9	2.0								
12	01	01	1	22	-17.6	0.190	-9.000	-9.000	-999.	199.	39.8	0.15	2.40
1.00	2.13	78.	10.1	290.4	2.0								
12	01	01	1	23	-20.3	0.211	-9.000	-9.000	-999.	233.	49.0	0.15	2.40
1.00	2.35	52.	10.1	289.2	2.0								
12	01	01	1	24	-16.4	0.183	-9.000	-9.000	-999.	189.	37.0	0.15	2.40
1.00	2.06	75.	10.1	288.8	2.0								

First hour of profile data

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): L0003073 , L0003074
, L0003075 , L0003076 , L0003077 ,
      L0003078 , L0003079 , L0003080 , L0003081 , L0003082
, L0003083 , L0003084 , L0003085 ,
      L0003086 , L0003087 , L0003088 , L0003089 , L0003090
, L0003091 , L0003092 , L0003093 ,
      L0003094 , L0003095 , L0003096 , L0003097 , L0003098
, L0003099 , L0003100 , . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS

```

**
** CONC OF DPM      IN MICROGRAMS/M**3
**
X-COORD (M)  Y-COORD (M)      CONC      X-COORD (M)
Y-COORD (M)  CONC
-----
449025.03    3765280.00      0.00054      451409.51
3765043.59    0.00910
451144.57    3764966.14      0.01942      450724.74
3764966.14    0.01682
450541.32    3765341.14      0.01185      451148.64
3765296.30    0.01827
451602.94    3764841.63      0.00349      451611.25
3764799.00    0.00276
451624.55    3764847.76      0.00314

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*** MODELOPTs:      RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER 5 YEARS ***

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** CONC OF DPM      IN MICROGRAMS/M**3
**
NETWORK
GROUP ID      AVERAGE CONC      RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
-----
ALL      1ST HIGHEST VALUE IS      0.01942 AT ( 451144.57, 3764966.14,
246.38, 246.38, 0.00) DC
      2ND HIGHEST VALUE IS      0.01827 AT ( 451148.64, 3765296.30,
249.43, 249.43, 0.00) DC
      3RD HIGHEST VALUE IS      0.01682 AT ( 450724.74, 3764966.14,
246.38, 246.38, 0.00) DC
      4TH HIGHEST VALUE IS      0.01185 AT ( 450541.32, 3765341.14,
249.88, 249.88, 0.00) DC
      5TH HIGHEST VALUE IS      0.00910 AT ( 451409.51, 3765043.59,
247.16, 247.16, 0.00) DC
      6TH HIGHEST VALUE IS      0.00349 AT ( 451602.94, 3764841.63,

```

245.42,	245.42,	0.00)	DC			
	7TH HIGHEST VALUE IS			0.00314 AT (	451624.55,	3764847.76,
245.48,	245.48,	0.00)	DC			
	8TH HIGHEST VALUE IS			0.00276 AT (	451611.25,	3764799.00,
244.77,	244.77,	0.00)	DC			
	9TH HIGHEST VALUE IS			0.00054 AT (	449025.03,	3765280.00,
250.48,	250.48,	0.00)	DC			
	10TH HIGHEST VALUE IS			0.00000 AT (	0.00,	0.00,
0.00,	0.00,	0.00)				

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

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of	0 Fatal Error Message(s)
A Total of	2 Warning Message(s)
A Total of	1638 Informational Message(s)
A Total of	43848 Hours Were Processed
A Total of	1039 Calm Hours Identified
A Total of	599 Missing Hours Identified (1.37 Percent)

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

***** WARNING MESSAGES *****
ME W186 2868 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 2868 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

APPENDIX 2.4:

RISK CALCULATIONS

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Table 1
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
-0.25 to 0 Age Bin Exposure Scenario

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
					(ug/m ³) ⁻¹ (f)	(mg/kg/day) ⁻¹ (g)	(mg/kg-day) (h)	(i)	(ug/m ³) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00350	3.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	3.9E-08	5.0E+00	1.4E-03	7.0E-04							
TOTAL	3.9E-08								7.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

** Key to Toxicological Endpoints

RESP Respiratory System
CNS/PNS Central/Peripheral Nervous System
CV/BL Cardiovascular/Blood System
IMMUN Immune System
KIDN Kidney
GI/LV Gastrointestinal System/Liver
REPRO Reproductive System (e.g. teratogenic and developmental effects)
EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
exposure duration (years) 0.25
inhalation rate (L/kg-day)) 361
inhalation absorption factor 1
averaging time (years) 70
fraction of time at home 0.85
age sensitivity factor (age third trimester) 10

Table 2
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
0-2 Age Bin Exposure Scenario

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
					(ug/m ³) ⁻¹ (f)	(mg/kg/day) ⁻¹ (g)	(mg/kg-day) (h)	(i)	(ug/m ³) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00350	3.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.7E-06	9.3E-07	5.0E+00	1.4E-03	7.0E-04							
TOTAL								9.3E-07			7.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	2
inhalation rate (L/kg-day))	1090
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.85
age sensitivity factor (0 to 2 years old)	10

Table 3
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
2-16 Age Bin Exposure Scenario

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³)	(mg/m ³)			URF (ug/m ³) ⁻¹	CPF (mg/kg/day) ⁻¹	DOSE (mg/kg-day)	RISK	REL (ug/m ³)	RfD (mg/kg/day)	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(b)	(c)			(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00350	3.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-06	8.7E-07	5.0E+00	1.4E-03	7.0E-04							
TOTAL								8.7E-07			7.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

RESP Respiratory System
CNS/PNS Central/Peripheral Nervous System
CV/BL Cardiovascular/Blood System
IMMUN Immune System
KIDN Kidney
GI/LV Gastrointestinal System/Liver
REPRO Reproductive System (e.g. teratogenic and developmental effects)
EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
exposure duration (years) 14
inhalation rate (L/kg-day)) 572
inhalation absorption factor 1
averaging time (years) 70
fraction of time at home 0.72
age sensitivity factor (ages 2 to 16 years) 3

Table 4
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
16-30 Age Bin Exposure Scenario

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³)	(mg/m ³)			URF (ug/m ³) ⁻¹	CPF (mg/kg/day) ⁻¹	DOSE (mg/kg-day)	RISK	REL (ug/m ³)	RfD (mg/kg/day)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
	(b)	(c)			(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00350	3.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.8E-07	1.3E-07	5.0E+00	1.4E-03	7.0E-04							
TOTAL								1.3E-07			7.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.13

** Key to Toxicological Endpoints

RESP Respiratory System
CNS/PNS Central/Peripheral Nervous System
CV/BL Cardiovascular/Blood System
IMMUN Immune System
KIDN Kidney
GI/LV Gastrointestinal System/Liver
REPRO Reproductive System (e.g. teratogenic and developmental effects)
EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	14
inhalation rate (L/kg-day))	261
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.73
age sensitivity factor (ages 16 to 30 years old)	1

Total Risk for All Age Bins (per million) 1.98

Table 5
Quantification of Carcinogenic Risks and Noncarcinogenic Risks
25-Year Worker Exposure Scenario

	Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
		(ug/m ³)	(mg/m ³)			URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	Diesel Particulates	1.94E-02	1.94E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.1E-06	1.1E-06	5.0E+00	1.4E-03	3.9E-03							
TOTAL									1.2E-06 1.16			3.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

Note:

Exposure factors used to calculate contaminant intake

RESP	Respiratory System	exposure frequency (days/year)	250
CNS/PNS	Central/Peripheral Nervous System	exposure duration (years)	25
CV/BL	Cardiovascular/Blood System	inhalation rate (L/kg-day))	230
IMMUN	Immune System	inhalation absorption factor	1
KIDN	Kidney	averaging time (years)	70
GI/LV	Gastrointestinal System/Liver		
REPRO	Reproductive System (e.g. teratogenic and developmental effects)		
EYES	Eye irritation and/or other effects		