Merrill Commerce Center Specific Plan

MOBILE SOURCE HEALTH RISK ASSESSMENT

CITY OF ONTARIO

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TABLE OF CONTENTS

TABLE OF CONTENTS ..... **I**
APPENDICES ..... **I**
LIST OF EXHIBITS ..... **II**
LIST OF TABLES ..... **II**
LIST OF ABBREVIATED TERMS ..... **III**
EXECUTIVE SUMMARY **1**
1 INTRODUCTION **3**
1.1 Site Location 4
1.2 Project Description 4
2 BACKGROUND **7**
2.1 Background on Recommended Methodology 7
2.2 Emissions Estimation 7
2.3 Exposure Quantification 14
2.4 Carcinogenic Chemical Risk 18
2.5 Non-carcinogenic Exposures 19
2.6 Potential Project-Related DPM Source Cancer and Non-Cancer Risks 20
3 REFERENCES **24**
4 CERTIFICATIONS **26**

APPENDICES

APPENDIX 2.1: AERMOD MODEL INPUT/OUTPUT
APPENDIX 2.2: RISK CALCULATIONS

LIST OF EXHIBITS

EXHIBIT 1-A: LOCATION MAP 5
EXHIBIT 2-A: MODELED EMISSION SOURCES 10
EXHIBIT 2-B: WIND ROSE (SRA 33) 16
EXHIBIT 2-C: MODELED RECEPTORS 22

LIST OF TABLES

TABLE ES-1: SUMMARY OF CANCER AND NON-CANCER RISKS 2
TABLE 2-1: WEIGHTED AVERAGE DPM EMISSIONS FACTORS 9
TABLE 2-2: DPM EMISSIONS FROM PROJECT TRUCKS (PHASE A - 2022 ANALYSIS YEAR) 11
TABLE 2-3: DPM EMISSIONS FROM PROJECT TRUCKS (PHASE A + B - 2025 ANALYSIS YEAR) 12
TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS (PHASE A + B + C - 2026 ANALYSIS YEAR) 13
TABLE 2-5: AERMOD MODEL PARAMETERS 15
TABLE 2-6: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL) 17
TABLE 2-7: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (25 YEAR WORKER) 17
TABLE 2-8: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (9 YEAR SCHOOL CHILD) 17

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
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EMFAC	Emission Factor Model
EPA	Environmental Protection Agency
g/VMT	Grams per Vehicle Miles Traveled
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
MEISC	Maximally Exposed Individual School Child
MEIW	Maximally Exposed Individual Worker
MHD	Medium Heavy-Duty
NAD	North American Datum
OEHHA	Office of Environmental Health Hazard Assessment
PCE	Passenger Car Equivalent
PM_{10}	Particulate Matter 10 microns in diameter or less
Project	Merrill Commerce Center Specific Plan
REL	Reference Exposure Level
RM	Recommended Measures
SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TIA	Traffic Impact Analysis
URF	Unit Risk Factor
UTM	Universal Transverse Mercator
VMT	Vehicle Miles Traveled

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EXECUTIVE SUMMARY

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

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

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land uses with the greatest potential exposure to Project DPM source emissions are the existing homes located approximately 135 feet south of the Project. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 9.34 in one million, which is less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be 0.002, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent residences. Because all other modeled residential receptors are located at a greater distance than the scenario analyze herein, all other residential receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein.

Worker Exposure Scenario:

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is located approximately 257 feet south of the Project at an existing industrial building. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact at this location is 1.15 in one million which is less than the threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be 0.004, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. Because all other modeled worker receptors are located at a greater distance than the scenario analyze herein, 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.

School Child Exposure Scenario:

There are no schools located or planned within a ¼ mile of the Project site. On this basis, there would be a less-than-significant potential for Project DPM emissions to adversely affect school populations.

Notwithstanding, in the abundance of caution, a review of schools that could be potentially impacted was undertaken and modeled. The school site land use with the greatest potential

exposure to Project DPM source emissions is the Mountain View Elementary School located at 2825 E Walnut Street, in the City of Ontario more than 2.5 miles northeast of the Project site. At the maximally exposed individual school child (MEISC), the maximum incremental cancer risk impact attributable to the Project at this location is calculated to be an estimated 0.08 in one million which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be 0.0002, which would not exceed the applicable significance threshold of 1.0. Any other schools near the Project site would be exposed to less emissions and consequently less impacts than what is disclosed for the MEISC. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

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 Sensitive Receptor	9.34	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor	1.15	10	NO
9 Year Exposure	Maximum Exposed School Child Receptor	0.08	10	NO
Time Period	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Annual Average	Maximum Exposed Sensitive Receptor	0.002	1.0	NO
Annual Average	Maximum Exposed Worker Receptor	0.004	1.0	NO
Annual Average	Maximum Exposed School Child Receptor	0.0002	1.0	NO

1 INTRODUCTION

The purpose of this Health Risk Assessment (HRA) is to evaluate Project-related impacts to sensitive receptors (residential, schools) and adjacent workers as a result of heavy-duty diesel trucks accessing the site.

The South Coast Air Quality Management District (SCAQMD) identifies that if a Project is expected to generate/attract heavy-duty diesel trucks, which emit diesel particulate matter (DPM), preparation of a mobile source HRA is recommended. This document serves to meet the SCAQMD's request for preparation of a HRA. The mobile source 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 (1). The HRA methodologies and analyses comprise of all relevant and appropriate procedures promulgated by the EPA, California Environmental Protection Agency 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 DPM exposure. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulative impact related to carcinogenic risks.

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 of than one (1.0) means that adverse health effects are not expected. Within this analysis, non-carcinogenic exposures of less than 1.0 are considered less-than-significant. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulative impact related to non-carcinogenic risks.

With specific regard to cumulative impacts, this analysis reflects AQMD protocols presented in AQMD *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution* (2), excerpted in pertinent part below:

> *"…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 development-level 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 development-level thresholds are generally not considered to be cumulatively significant." (White Paper, p. D-3)

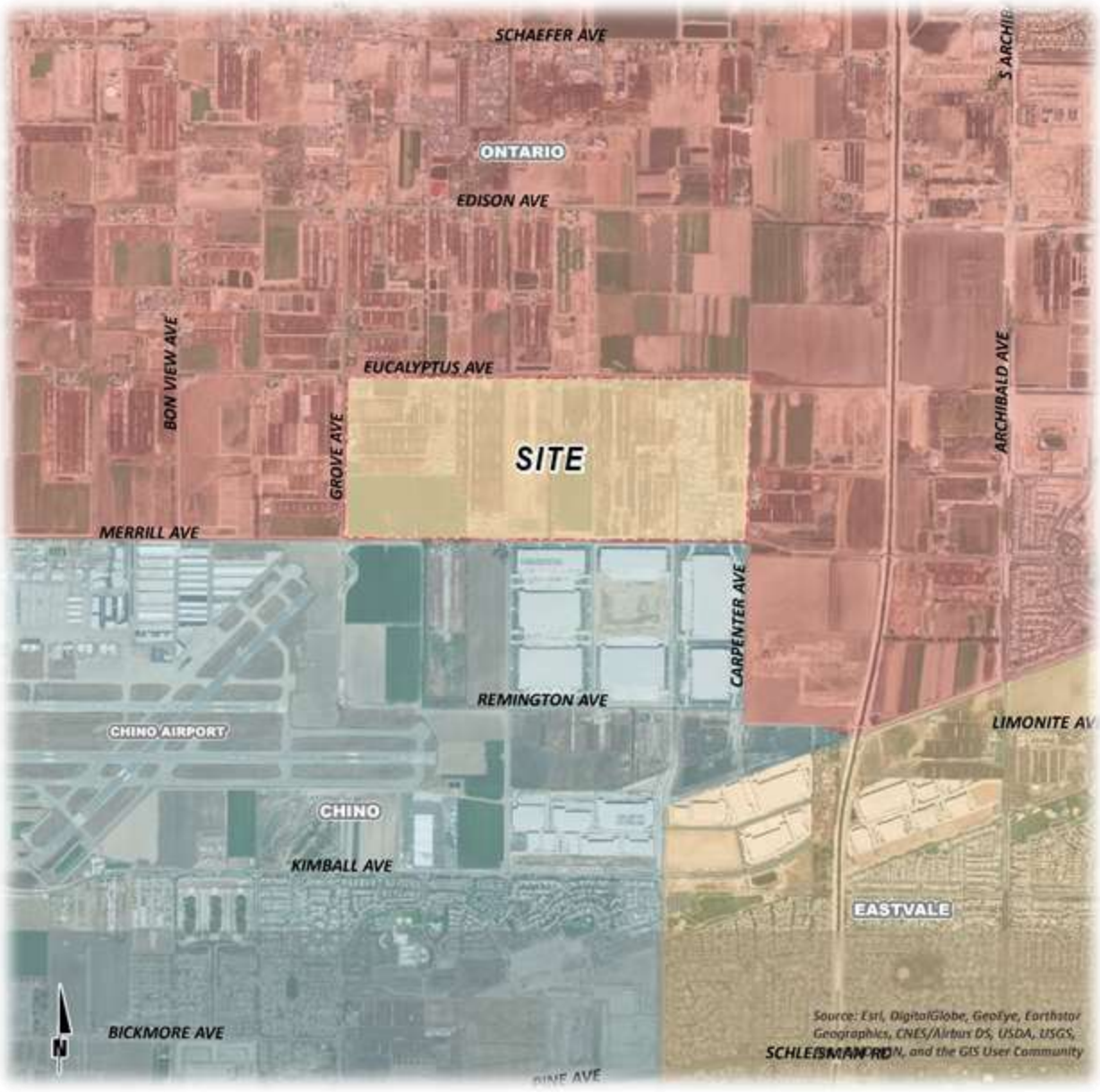
1.1 SITE LOCATION

The Project site is located north of Merrill Avenue between Grove Avenue and Carpenter Avenue in the City of Ontario, as shown on Exhibit 1-A. The Project site is bound by Eucalyptus Avenue and agricultural land uses to the north; Merrill Avenue, agricultural land uses, logistics warehouses, the Chino Airport, and vacant land to the south; Grove Avenue and agricultural land uses to the west; and Carpenter Avenue and a dairy operation to the east. Land uses within the study area comprise of agricultural uses, industrial uses and a few single-family residential homes supporting dairy activities. The Project site is located approximately 1,000 feet northeast of northly most Chino Airport Runway 3-21. The Los Angeles / Ontario International Airport (LA/ONT) is located approximately 4.3 miles northerly of the Project site.

1.2 PROJECT DESCRIPTION

The Merrill Commerce Center Specific Plan (Project, Specific Plan) proposes development and operation of up to 6,312,000 square feet of high-cube fulfillment center warehouse use, 701,400 square feet of high-cube cold storage warehouse and up to 1,441,000 square feet of business park uses (total of 8,455,000 square feet of development) on approximately 376.3 acres located in the City of Ontario, within San Bernardino County. The Project would also implement off-site infrastructure (roads, potable water, recycled water, sanitary sewer, storm drains, and fiber optic lines) necessary to support the Project. Preliminary studies prepared for the Project indicate that an additional 113.3 acres of off-site areas could be disturbed during construction of off-site infrastructure improvements. Predominantly, off-site areas that would be affected by construction of infrastructure improvements comprise of already-disturbed/developed rights-of-way and easements.

EXHIBIT 1-A: LOCATION MAP



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2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

As noted above, this HRA is based on SCAQMD guidelines to produce conservative estimates of risk posed by exposure to DPM. The conservative nature of this analysis is due primarily to the following factors:

- The CARB-adopted diesel exhaust Unit Risk Factor (URF) of 300 in one million per µg/m3 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.
- The emissions derived assume that every truck accessing the project site will idle for 15 minutes under the unmitigated scenario, this is an overestimation of actual idling times and thus conservative.[1] It should be noted that 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 estimated using emission factors for particulate matter less than 10µm 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 was developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the CARB to project changes in future emissions from on-road mobile sources (3). 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 SCAQMD jurisdiction. The EMFAC Mode generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of temperature, relative humidity, and vehicle speed. The

[1] Although the Project is required to comply with CARB'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.

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. EMFAC 2017 was run for Year 2021, Year 2025, and Year 2026 to correspond to Phase A, B, and C, respectively. The modeling assumed a static 2026 emissions factor data set was used for every year post 2026. Use of a 2026 emission factor for every year post 2026 would overstate potential impacts since this approach assumes that emission factors remain "static" and do not change over time due to improved vehicle efficiencies resulting from fleet turnover and implementation of cleaner technology with lower emissions.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM_{10} 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 (3):

$Emissions_{speedA}$ (g/s) = $EF_{RunExhaust}$ (g/VMT) * Distance (VMT/trip) * Number of Trips (trips/day) / seconds per day

Where:

$Emissions_{speedA}$ (g/s): Vehicle emissions at a given speed A;

$EF_{RunExhaust}$ (g/VMT): EMFAC running exhaust PM_{10} 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 PM_{10} emission factor (g/VMT) from EMFAC 2017 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 PM_{10} emission factor (g/idle-hr) from EMFAC 2017 and the total truck trip over the total idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes (3):

$Emissions_{idle}$ (g/s) = EF_{idle} (g/hr) * Number of Trips (trips/day) * Idling Time (min/trip) *

60 minutes per hour / seconds per day

Where:

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

EF_{idle}(g/s): EMFAC idle exhaust PM_{10} emission factor.

TABLE 2-1: WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Speed	Weighted Average
Phase A (2022)	
0 (idling) (High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse)	0.08451 (g/idle-hr)
5 mph (High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse)	0.04266(g/s)
25 mph (High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse)	0.01810 (g/s)
Phase B (2025)	
0 (idling) (High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse)	0.06934 (g/idle-hr)
5 mph (High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse)	0.01406 (g/s)
25 mph (High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse)	0.00691 (g/s)
Phase C (2026)	
0 (idling) (High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse)	0.07044 (g/idle-hr)
0 (idling) (Business Park)	0.07834 (g/idle-hr)
5 mph (High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse)	0.01364 (g/s)
5 mph (Business Park)	0.01309 (g/s)
25 mph (High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse + Business Park)	0.00678 (g/s)

Each off-site 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 "2.1". The DPM emission rate for each volume source was calculated by multiplying the emission factor (based on an 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 Tables 2-2 through 2-4. The modeled emission sources are illustrated on Exhibit 2-A. The modeled truck travel routes included in the HRA are based on the truck trip distributions (inbound and outbound) available from the Project's Traffic Impact Analysis (TIA) (4). The modeled truck route is consistent with the trip distribution patterns identified in the Project's traffic study, is supported by substantial evidence, and was modeled to determine the potential impacts to sensitive receptors along the primary truck routes. The modeling domain is limited to the Project's primary truck route and includes off-site sources in the study area for more than 5 miles off-site. This modeling domain is more conservative than using only a ¼ mile modeling domain which is supported by substantial evidence since several studies have shown that the greatest potential risks occur within a ¼ mile of the primary source of emissions (5) (in the case of the Project this is the on-site idling, travel, and on-site equipment).

EXHIBIT 2-A: MODELED EMISSION SOURCES

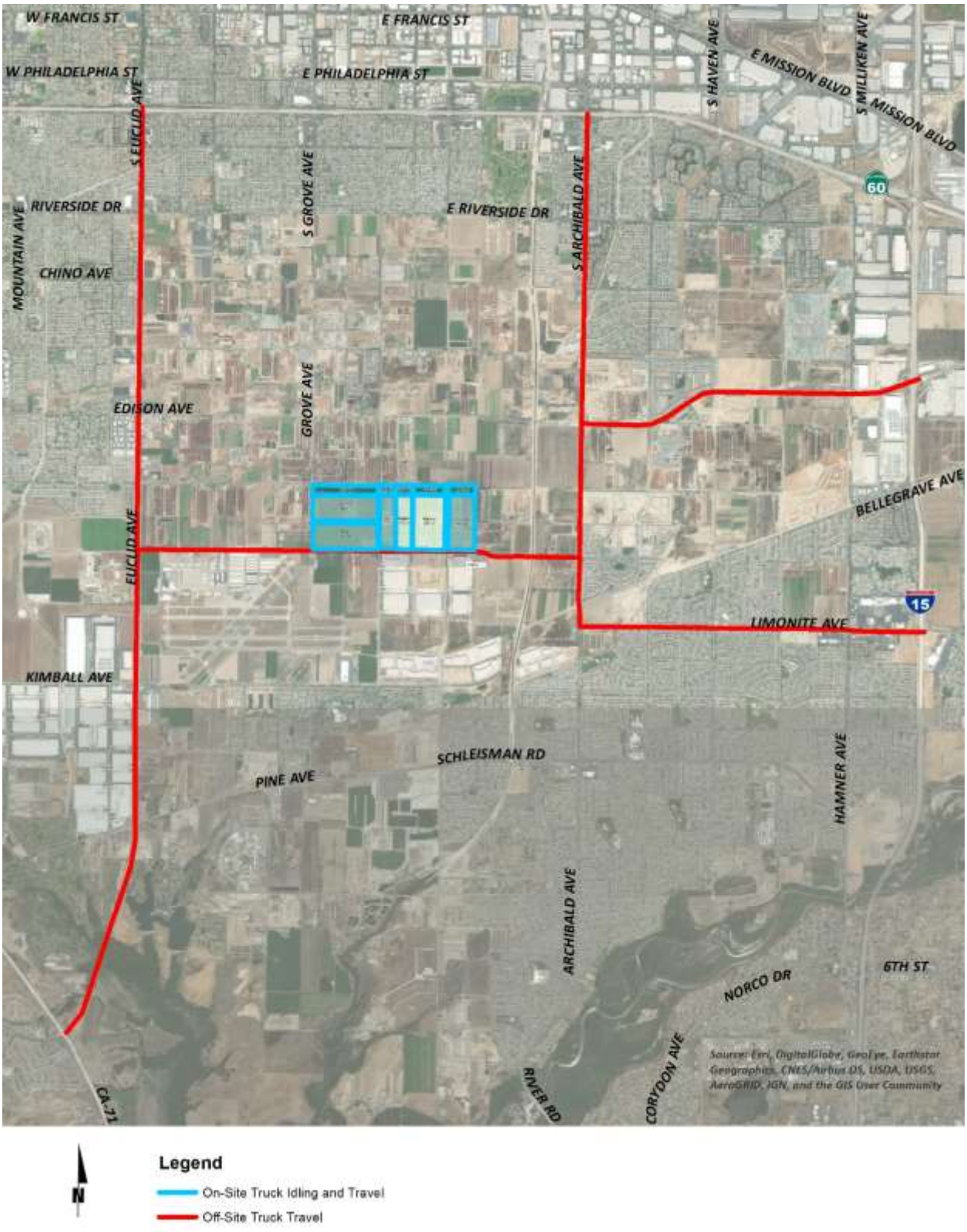


TABLE 2-2: DPM EMISSIONS FROM PROJECT TRUCKS (PHASE A - 2022 ANALYSIS YEAR)

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 PA4	174			0.0845	9.72	1.125E-04
On-Site Idling PA5	287			0.0845	16.03	1.856E-04
On-Site Travel PA4	348	137.74	0.0427		9.70	1.123E-04
On-Site Travel PA5	574	227.20	0.0427		16.01	1.853E-04
Off-Site Travel 20% to Euclid	184	920.29	0.0181		21.77	2.519E-04
Off-Site Travel 30% to SR-60	277	1268.27	0.0181		30.00	3.472E-04
Off-site Travel 50% to Archibald	461	358.67	0.0181		8.48	9.819E-05
Off-Site Travel 20% to I-15	184	661.17	0.0181		15.64	1.810E-04
Off-Site Travel 20% to SR-60	184	607.06	0.0181		14.36	1.662E-04
Off-Site Travel 10% to I-15	92	284.18	0.0181		6.72	7.780E-05
Off-Site Travel 100% on Merrill Ave.	922	1108.63	0.0181		26.22	3.035E-04

[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. Additionally, this colum includes idling from TRUs accessing the Project, it is assumed that TRUs would idle for up to 15 minutes.

TABLE 2-3: DPM EMISSIONS FROM PROJECT TRUCKS (PHASE A + B - 2025 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 PA4	174			0.0693	9.06	1.049E-04
On-Site Idling PA5	287			0.0693	14.95	1.730E-04
On-Site Idling PA1	281			0.0693	10.94	1.267E-04
On-Site Idling PA2	294			0.0693	11.45	1.325E-04
On-Site Idling PA3	163			0.0693	6.34	7.339E-05
On-Site Idling PA6	244			0.0693	9.50	1.100E-04
On-Site Travel PA4	348	137.74	0.0141		5.76	6.672E-05
On-Site Travel PA5	574	227.20	0.0141		9.51	1.101E-04
On-Site Travel PA1	561	272.25	0.0141		8.55	9.897E-05
On-Site Travel PA2	587	284.87	0.0141		8.95	1.036E-04
On-Site Travel PA3	325	128.64	0.0141		4.04	4.676E-05
On-Site Travel PA6	487	192.76	0.0141		6.05	7.007E-05
Off-Site Travel 20% to Euclid	576	2876.66	0.0069		31.78	3.679E-04
Off-Site Travel 30% to SR-60	865	3964.38	0.0069		43.80	5.070E-04
Off-site Travel 50% to Archibald	1441	1121.13	0.0069		12.39	1.434E-04
Off-Site Travel 20% to I-15	576	2066.68	0.0069		22.83	2.643E-04
Off-Site Travel 20% to SR-60	576	1897.56	0.0069		20.97	2.427E-04
Off-Site Travel 10% to I-15	288	888.29	0.0069		9.81	1.136E-04
Off-Site Travel 100% on Merrill Ave.	2882	3465.36	0.0069		38.29	4.431E-04

[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. Additionally, this colum includes idling from TRUs accessing the Project, it is assumed that TRUs would idle for up to 15 minutes.

TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS (PHASE A + B + C - 2026 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)
High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse						
On-Site Idling PA4	174			0.0704	9.11	1.054E-04
On-Site Idling PA5	287			0.0704	15.02	1.739E-04
On-Site Idling PA1	281			0.0704	11.02	1.276E-04
On-Site Idling PA2	294			0.0704	11.53	1.335E-04
On-Site Idling PA3	163			0.0704	6.39	7.391E-05
On-Site Idling PA6	244			0.0704	9.57	1.107E-04
On-Site Travel PA4	348	137.74	0.0136		13.97	1.617E-04
On-Site Travel PA5	574	227.20	0.0136		23.04	2.666E-04
On-Site Travel PA1	561	272.25	0.0136		15.88	1.838E-04
On-Site Travel PA2	587	284.87	0.0136		16.61	1.923E-04
On-Site Travel PA3	325	128.64	0.0136		8.80	1.019E-04
On-Site Travel PA6	487	192.76	0.0136		13.19	1.526E-04
Business Park						
On-Site Idling PA1A	131			0.0783	2.57	2.970E-05
On-Site Idling PA3A	34			0.0783	0.67	7.707E-06
On-Site Idling PA4A	34			0.0783	0.67	7.707E-06
On-Site Idling PA5A	65			0.0783	1.27	1.473E-05
On-Site Idling PA6A	55			0.0783	1.08	1.247E-05
On-Site Travel PA1A	262	103.70	0.0131		1.36	1.571E-05
On-Site Travel PA3A	68	26.92	0.0131		0.35	4.078E-06
On-Site Travel PA4A	68	26.92	0.0131		0.35	4.078E-06
On-Site Travel PA5A	130	51.46	0.0131		0.67	7.796E-06
On-Site Travel PA6A	110	43.54	0.0131		0.57	6.597E-06
High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse + Business Park						
Off-Site Travel 20% to Euclid	704	3514.47	0.0067		35.48	4.106E-04
Off-Site Travel 30% to SR-60	1056	4843.37	0.0067		32.49	3.761E-04
Off-site Travel 50% to Archibald	1761	1369.70	0.0067		9.19	1.063E-04
Off-Site Travel 20% to I-15	704	2524.91	0.0067		16.94	1.960E-04
Off-Site Travel 20% to SR-60	704	2318.29	0.0067		15.55	1.800E-04
Off-Site Travel 10% to I-15	352	1085.24	0.0067		7.28	8.426E-05
Off-Site Travel 100% on Merrill Ave.	3521	4233.70	0.0067		28.40	3.287E-04

[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. Additionally, this colum includes idling from TRUs accessing the Project, it is assumed that TRUs would idle for up to 15 minutes.

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 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 American Meteorological Society/Environmental (AERMOD) View has been utilized to determine the release height parameters. Based on the 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. On-site truck idling and travel were modeled using AERMOD's area source algorithm.

On-site truck idling was estimated to occur as trucks enter and travel through the facility. Although the Project is required to comply with CARB'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 (6), 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 estimated truck idling at 15 minutes, consistent with SCAQMD's recommendation.

Per the *Merrill Commerce Center Specific Plan Traffic Impact Analysis* prepared by Urban Crossroads, Inc. the Project is expected to generate a net total of approximately 19,806 two-way vehicular trips per day (9,903 inbound, and 9,903 outbound) and includes 3,520 two-way truck trips per day (1,760 inbound and 1,760 outbound) from the proposed buildings within the Project site (4).

2.3.2 TRANSPORT REFRIGERATION UNITS (TRUS)

In order to account for the possibility of refrigerated uses being accommodated in PA1, PA2, PA3, PA4, PA5, and PA6, trucks accessing these PA's are assumed to also have transport refrigeration units (TRUs). Therefore, for modeling purposes 242 total daily trucks (one-way) are assumed to be trucks with TRUs. In addition to on-site truck idling, the analysis assumes that each TRU accessing the site will also idle for 15minutes, even though the CARB's anti-idling rules mandate a 5-minute idling time. The Project's AQIA also includes a mitigation measure (MM AQ-7) which requires that electrical hookups be installed in order to allow TRUs to use electric standby capabilities in lieu of idling. Based on CARBs *Draft Update to Inventory for Transportation Refrigeration Units* (7) 60% of TRUs are anticipated to be 25 + horsepower and 40% of TRUs are anticipated to be 23 horsepower, as such 60% of TRUs are assumed to be 34 horsepower with a load factor of 0.53 (0.01 grams of PM10 per brake-horsepower-hour) and 40% of TRUs are assumed to be 23 horsepower with a load factor of 0.46 (0.12 grams of PM10 per brake-horsepower-hour). TRUs are also accounted for during on-site and off-site travel. TRU emission rates were calculated based on CARBs 2017 Off-Road Diesel Emission Factors for analysis year 2022.

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 (1). SCAQMD recommends using the Environmental Protection Agency's (EPA's) AERMOD model. For purposes of this analysis, the Lakes AERMOD View (Version 9.7.0) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the EPA's latest AERMOD Version 19191 (8).

SCAQMD required model parameters are presented in Table 2-5 (9). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's Chino Airport monitoring station (SRA 33) was used to represent local weather conditions and prevailing winds (10). A wind rose exhibit of the Perris monitoring station is provided at Exhibit 2-B.

TABLE 2-5: AERMOD MODEL PARAMETERS

Dispersion Coefficient	Urban
County Population	2,035,210
Terrain	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 boundaries, each volume source location, and receptor locations in the project vicinity. The AERMOD dispersion model summary output files for the proposed facility are presented in Appendix "2.1". 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 these uses. 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 residential and worker over a period of 30 or 25 years of exposure, respectively. As such, even though it is unlikely to occur in practical terms (because the amount of time spent indoors), this study assumes that a resident or worker would be exposed over a long-period of time for 12 or 24-hours per day at the structure where they reside or work.

Furthermore, worker receptors immediately adjacent to the Project site have been evaluated in the HRA. Any impacts to workers located further away from the Project site than the modeled worker receptors would have a lesser impact than what has already been disclosed in the HRA at the MEIW.

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Tables 2-6 through 2-8 summarize the Exposure Parameters for Residents, Offsite Worker, and School exposure scenarios based on 2015 OEHHA Guidelines. Appendix 2.2 includes the detailed risk calculation.

EXHIBIT 2-B: WIND ROSE (SRA 33)

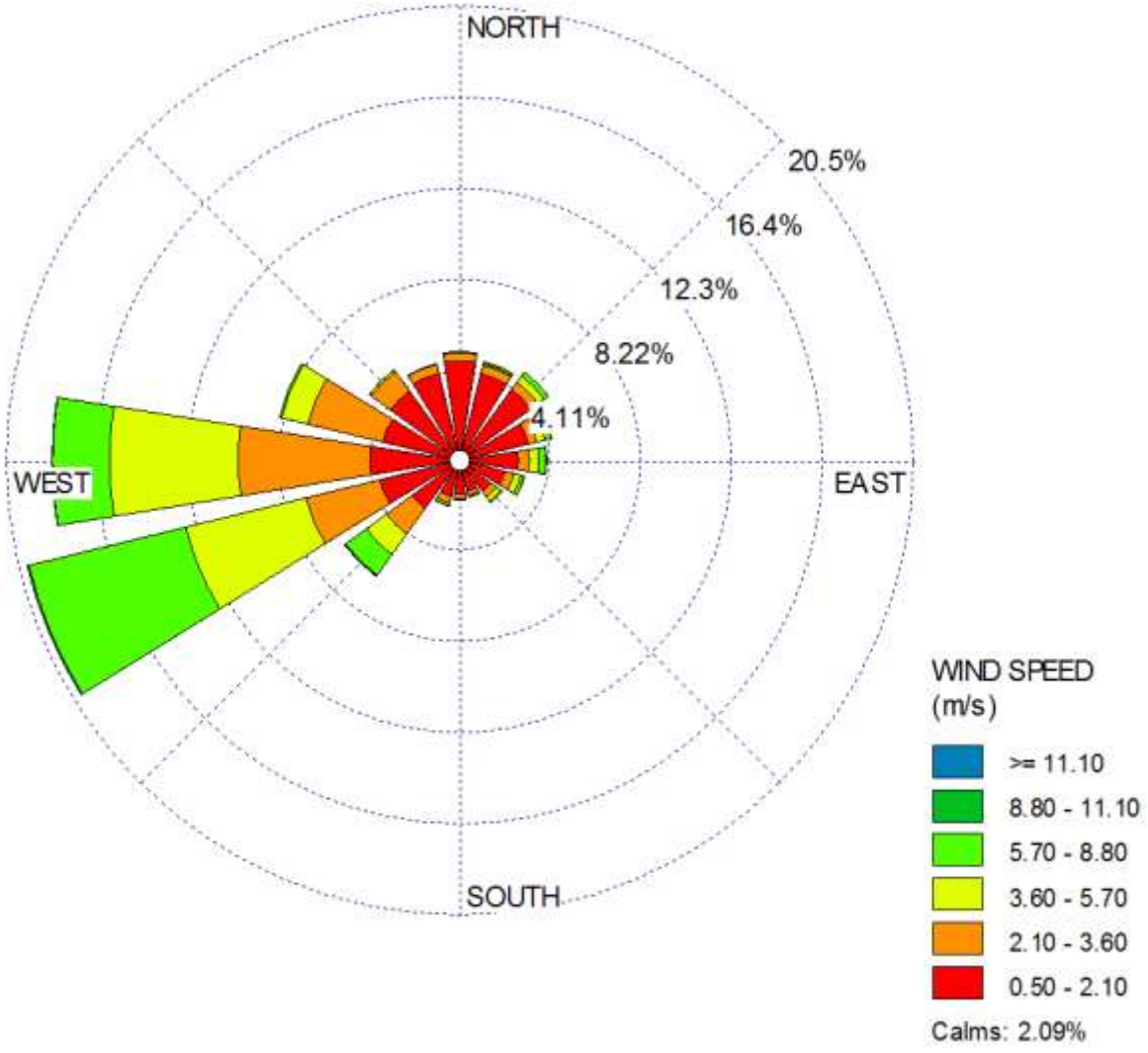


TABLE 2-6: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL)

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 2-7: 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

TABLE 2-8: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (9 YEAR SCHOOL CHILD)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Exposure Frequency (days/year) [a]	Exposure Time (hours/day)
9-year duration	572	3	9	180	12

[a] To represent the unique characteristics of the school-based population, the assessment employed the U.S. Environmental Protection Agency's guidance to develop viable dose estimates based on reasonable maximum exposures (RME). RME's are defined as the "highest exposure that is reasonably expected to occur" for a given receptor population. As a result, lifetime risk values for the student population were adjusted to account for an exposure duration of 180 days per year for nine (9) years. The 9 year exposure duration is also consistent with OEHHA Recommendations and consistent with the exposure duration utilized in school-based risk assessments for various schools within the Los Angeles County Unified School District (LAUSD) that have been accepted by the SCAQMD.

2.4 CARCINOGENIC CHEMICAL RISK

Based on the South Coast AQMD Air Quality Significance Thresholds (11) (April 2019), emissions of 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 (1), for purposes of this analysis, 10 in one million is used as the cancer risk threshold for the 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. As an example, the risk of dying from accidental drowning is 1,000 in a million which is 100 times more than the SCAQMD's threshold of 10 in one million, the nearest comparison to 10 in one million is the 7 in one million lifetime chance that an individual would be struck and killed by lightning (12).

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 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.

$$DOSEair = (Cair \times [BR/BW] \times A \times EF) \times (1 \times 10^{-6})$$

Where:

DOSEair = chronic daily intake (mg/kg/day)

Cair = concentration of contaminant in air (ug/m3)

[BR/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 x 10 -6 = conversion factors (ug to mg, L to m3)

RISKair = DOSEair x CPF x ED/AT

Where:

DOSEair = 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 REL. The REL for diesel particulates was obtained from OEHHA for this analysis. The chronic REL for DPM was established by OEHHA as 5 $\mu g/m^3$ (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:

$$HI_{DPM} = C_{DPM}/REL_{DPM}$$

Where:

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

C_{DPM} = Annual average DPM concentration ($\mu g/m^3$).

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 DPM SOURCE CANCER AND NON-CANCER RISKS[2]

Residential Exposure Scenario:

The residential land uses with the greatest potential exposure to Project DPM source emissions are the existing homes located approximately 135 feet south of the Project. At the MEIR, the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 9.34 in one million, which is less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be 0.002, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent residences. Because all other modeled residential receptors are located at a greater distance than the scenario analyze herein, all other residential receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. The nearest modeled receptors for operational activity are illustrated on Exhibit 2-C.

Worker Exposure Scenario:

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is located approximately 257 feet south of the Project at an existing industrial building. At the MEIW, the maximum incremental cancer risk impact at this location is 1.15 in one million which is less than the threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be 0.004, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. Because all other modeled worker receptors are located at a greater distance than the scenario analyze herein, 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. The nearest modeled receptors for operational activity are illustrated on Exhibit 2-C.

School Child Exposure Scenario:

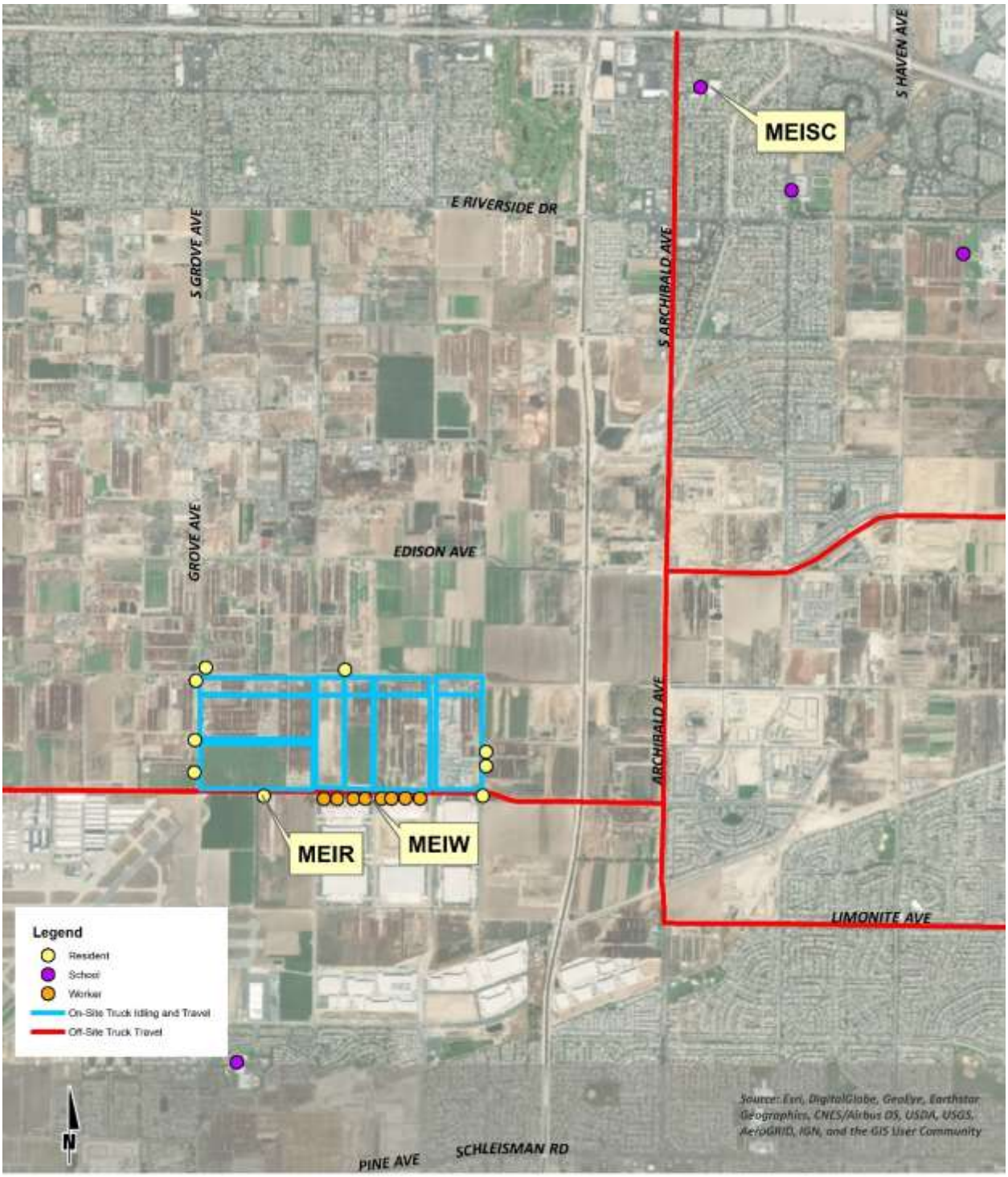
There are no schools located within a ¼ mile of the Project site. As such, there would be no significant impacts that would occur to any schools in the vicinity of the Project. Proximity to sources of toxics is critical to determining the impact. In traffic-related studies, the additional non-cancer 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 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 (5).

Notwithstanding, in the abundance of caution, a review of nearby schools that could be impacted was undertaken and modeled. The school site land use with the greatest potential exposure to

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.

Project DPM source emissions is the Mountain View Elementary School located at 2825 E Walnut Street, in the City of Ontario more than 2.5 miles northeast of the Project site. At the MEISC, the maximum incremental cancer risk impact attributable to the Project at this location is calculated to be an estimated 0.08 in one million which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be 0.0002, which would not exceed the applicable significance threshold of 1.0. Any other schools near the Project site would be exposed to less emissions and consequently less impacts than what is disclosed for the MEISC. As such, the Project will not cause a significant human health or cancer risk to nearby school children. The nearest modeled receptors for operational activity are illustrated on Exhibit 2-C.

EXHIBIT 2-C: MODELED RECEPTORS



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3 REFERENCES

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5. **Air Resources Board.** *Air Quality and Land Use Handbook: A Community Health Perspective.* 2005.
6. **Wong, Jillian.** *Planning, Rule Development & Area Sources.* December 22, 2016.
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9. **South Coast Air Quality Management District.** 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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11. —. South Coast AQMD Air Quality Significance Thresholds. [Online] April 2019. [Cited: June 6, 2019.] http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2.
12. **National Safety Council.** Injury Fact Chart. [Online] [Cited: September 18, 2019.] https://www.nsc.org/work-safety/tools-resources/injury-facts/chart.

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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 Merrill Commerce Center Specific Plan 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 directly at (949) 336-5987.

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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:

AERMOD MODEL INPUT/OUTPUT

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**
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** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 1/10/2020
** FILE: C:\LAKES\AERMOD VIEW\12004 HRA - (01-10-20)\2022 HRA\2022 HRA.ADI
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** AERMOD CONTROL PATHWAY
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   URBANOPT 2035210
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CO FINISHED
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** AERMOD SOURCE PATHWAY
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** DESCRSRC PA5: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
   LOCATION AREA3        AREA       441995.860  3760828.020      201.700
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   LOCATION AREA5        AREA       442797.440  3760495.870      204.000
** DESCRSRC PA3: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
   LOCATION AREA6        AREA       443625.590  3760489.230      204.000
** DESCRSRC PA6: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
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** DESCRSRC PA5A: BUSINESS PARK
   LOCATION AREA11       AREA       443623.370  3761144.660      206.000
** DESCRSRC PA6A: BUSINESS PARK
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** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
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LOCATION L0016203     VOLUME   440338.553 3760464.321 193.56
LOCATION L0016204     VOLUME   440322.553 3760464.342 193.35
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LOCATION L0016206     VOLUME   440290.553 3760464.382 192.93
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LOCATION L0016208     VOLUME   440258.553 3760464.422 192.65
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LOCATION L0016210     VOLUME   440226.553 3760464.463 192.65
LOCATION L0016211     VOLUME   440210.553 3760464.483 192.65
LOCATION L0016212     VOLUME   440194.553 3760464.503 192.65
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LOCATION	L0016216	VOLUME	440130.553	3760464.584 191.84
LOCATION	L0016217	VOLUME	440114.553	3760464.604 191.65
LOCATION	L0016218	VOLUME	440098.553	3760464.624 191.64
LOCATION	L0016219	VOLUME	440082.553	3760464.645 191.64
LOCATION	L0016220	VOLUME	440066.553	3760464.665 191.64
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LOCATION	L0016222	VOLUME	440034.553	3760464.705 191.59
LOCATION	L0016223	VOLUME	440018.553	3760464.725 191.38
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LOCATION L0016295     VOLUME   439893.544 3759432.066 184.46
LOCATION L0016296     VOLUME   439893.454 3759416.067 184.28
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   LOCATION L0016602     VOLUME   439090.756 3754679.336 180.83
** END OF LINE VOLUME SOURCE ID = SLINE1
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE2
** DESCRSRC OFF-SITE TRAVEL 30% TO SR-60
** PREFIX
** LENGTH OF SIDE = 22.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0003472
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 3
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   LOCATION L0016604     VOLUME   441947.003 3760464.922 197.36
   LOCATION L0016605     VOLUME   441925.003 3760464.922 196.79
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   LOCATION L0016607     VOLUME   441881.003 3760464.922 195.77
   LOCATION L0016608     VOLUME   441859.003 3760464.922 195.77
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   LOCATION L0016611     VOLUME   441793.003 3760464.922 195.60
   LOCATION L0016612     VOLUME   441771.003 3760464.922 195.39
   LOCATION L0016613     VOLUME   441749.003 3760464.922 195.17
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LOCATION	L0016633	VOLUME	441309.003	3760464.922 194.73
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LOCATION L0016792     VOLUME   439904.124 3762546.729 211.57
LOCATION L0016793     VOLUME   439904.244 3762568.729 212.52
LOCATION L0016794     VOLUME   439904.363 3762590.729 213.48
LOCATION L0016795     VOLUME   439904.482 3762612.729 214.43
LOCATION L0016796     VOLUME   439904.601 3762634.728 215.04
LOCATION L0016797     VOLUME   439904.721 3762656.728 215.30
LOCATION L0016798     VOLUME   439904.840 3762678.728 215.56
LOCATION L0016799     VOLUME   439904.959 3762700.727 215.82
LOCATION L0016800     VOLUME   439905.078 3762722.727 216.28
LOCATION L0016801     VOLUME   439905.197 3762744.727 217.27
LOCATION L0016802     VOLUME   439905.317 3762766.726 218.26
LOCATION L0016803     VOLUME   439905.436 3762788.726 219.25
LOCATION L0016804     VOLUME   439905.555 3762810.726 220.09
LOCATION L0016805     VOLUME   439905.674 3762832.725 219.34
LOCATION L0016806     VOLUME   439905.794 3762854.725 218.59
LOCATION L0016807     VOLUME   439905.913 3762876.725 217.84
LOCATION L0016808     VOLUME   439906.032 3762898.724 217.09
LOCATION L0016809     VOLUME   439906.151 3762920.724 217.02
LOCATION L0016810     VOLUME   439906.271 3762942.724 217.04
LOCATION L0016811     VOLUME   439906.390 3762964.723 217.05
LOCATION L0016812     VOLUME   439906.509 3762986.723 217.07
LOCATION L0016813     VOLUME   439906.628 3763008.723 217.39
LOCATION L0016814     VOLUME   439906.748 3763030.722 217.85
LOCATION L0016815     VOLUME   439906.867 3763052.722 218.31
LOCATION L0016816     VOLUME   439906.986 3763074.722 218.76
LOCATION L0016817     VOLUME   439907.105 3763096.721 219.22
LOCATION L0016818     VOLUME   439907.225 3763118.721 219.68
LOCATION L0016819     VOLUME   439907.344 3763140.721 220.14
LOCATION L0016820     VOLUME   439907.463 3763162.720 220.60
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LOCATION L0016821     VOLUME   439907.582 3763184.720 220.92
LOCATION L0016822     VOLUME   439907.702 3763206.720 220.92
LOCATION L0016823     VOLUME   439907.821 3763228.719 220.93
LOCATION L0016824     VOLUME   439907.940 3763250.719 220.93
LOCATION L0016825     VOLUME   439908.059 3763272.719 220.99
LOCATION L0016826     VOLUME   439908.179 3763294.718 221.72
LOCATION L0016827     VOLUME   439908.298 3763316.718 222.45
LOCATION L0016828     VOLUME   439908.417 3763338.718 223.18
LOCATION L0016829     VOLUME   439908.536 3763360.718 223.92
LOCATION L0016830     VOLUME   439908.656 3763382.717 223.17
LOCATION L0016831     VOLUME   439908.775 3763404.717 222.24
LOCATION L0016832     VOLUME   439908.894 3763426.717 221.30
LOCATION L0016833     VOLUME   439909.013 3763448.716 220.37
LOCATION L0016834     VOLUME   439909.133 3763470.716 220.57
LOCATION L0016835     VOLUME   439909.252 3763492.716 221.30
LOCATION L0016836     VOLUME   439909.371 3763514.715 222.03
LOCATION L0016837     VOLUME   439909.490 3763536.715 222.77
LOCATION L0016838     VOLUME   439909.610 3763558.715 222.90
LOCATION L0016839     VOLUME   439909.729 3763580.714 222.41
LOCATION L0016840     VOLUME   439909.848 3763602.714 221.92
LOCATION L0016841     VOLUME   439909.967 3763624.714 221.42
LOCATION L0016842     VOLUME   439910.087 3763646.713 221.28
LOCATION L0016843     VOLUME   439910.206 3763668.713 222.01
LOCATION L0016844     VOLUME   439910.325 3763690.713 222.74
LOCATION L0016845     VOLUME   439910.444 3763712.712 223.47
LOCATION L0016846     VOLUME   439910.564 3763734.712 224.23
LOCATION L0016847     VOLUME   439910.683 3763756.712 225.38
LOCATION L0016848     VOLUME   439910.802 3763778.711 226.52
LOCATION L0016849     VOLUME   439910.921 3763800.711 227.66
LOCATION L0016850     VOLUME   439911.041 3763822.711 228.80
LOCATION L0016851     VOLUME   439911.160 3763844.710 229.59
LOCATION L0016852     VOLUME   439911.279 3763866.710 230.34
LOCATION L0016853     VOLUME   439911.398 3763888.710 231.09
LOCATION L0016854     VOLUME   439911.517 3763910.709 231.83
LOCATION L0016855     VOLUME   439911.637 3763932.709 231.88
LOCATION L0016856     VOLUME   439911.756 3763954.709 231.61
LOCATION L0016857     VOLUME   439911.875 3763976.708 231.34
LOCATION L0016858     VOLUME   439911.994 3763998.708 231.07
LOCATION L0016859     VOLUME   439912.114 3764020.708 230.71
LOCATION L0016860     VOLUME   439912.233 3764042.707 230.25
LOCATION L0016861     VOLUME   439912.352 3764064.707 229.79
LOCATION L0016862     VOLUME   439912.471 3764086.707 229.33
LOCATION L0016863     VOLUME   439912.591 3764108.707 229.34
LOCATION L0016864     VOLUME   439912.710 3764130.706 230.55
LOCATION L0016865     VOLUME   439912.829 3764152.706 231.75
LOCATION L0016866     VOLUME   439912.948 3764174.706 232.96
LOCATION L0016867     VOLUME   439913.068 3764196.705 234.16
LOCATION L0016868     VOLUME   439913.187 3764218.705 235.34
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LOCATION L0016869     VOLUME   439913.306 3764240.705 236.51
LOCATION L0016870     VOLUME   439913.425 3764262.704 237.69
LOCATION L0016871     VOLUME   439913.545 3764284.704 238.86
LOCATION L0016872     VOLUME   439913.664 3764306.704 238.37
LOCATION L0016873     VOLUME   439913.783 3764328.703 237.65
LOCATION L0016874     VOLUME   439913.902 3764350.703 236.94
LOCATION L0016875     VOLUME   439914.022 3764372.703 236.23
LOCATION L0016876     VOLUME   439914.141 3764394.702 236.49
LOCATION L0016877     VOLUME   439914.260 3764416.702 237.20
LOCATION L0016878     VOLUME   439914.379 3764438.702 237.92
LOCATION L0016879     VOLUME   439914.499 3764460.701 238.63
LOCATION L0016880     VOLUME   439914.618 3764482.701 238.76
LOCATION L0016881     VOLUME   439914.737 3764504.701 238.25
LOCATION L0016882     VOLUME   439914.856 3764526.700 237.75
LOCATION L0016883     VOLUME   439914.976 3764548.700 237.24
LOCATION L0016884     VOLUME   439915.095 3764570.700 237.23
LOCATION L0016885     VOLUME   439915.214 3764592.699 238.45
LOCATION L0016886     VOLUME   439915.333 3764614.699 239.67
LOCATION L0016887     VOLUME   439915.453 3764636.699 240.88
LOCATION L0016888     VOLUME   439915.572 3764658.698 242.04
LOCATION L0016889     VOLUME   439915.691 3764680.698 242.50
LOCATION L0016890     VOLUME   439915.810 3764702.698 242.96
LOCATION L0016891     VOLUME   439915.930 3764724.697 243.43
LOCATION L0016892     VOLUME   439916.049 3764746.697 243.89
LOCATION L0016893     VOLUME   439916.168 3764768.697 244.38
LOCATION L0016894     VOLUME   439916.287 3764790.697 244.87
LOCATION L0016895     VOLUME   439916.407 3764812.696 245.36
LOCATION L0016896     VOLUME   439916.526 3764834.696 245.85
LOCATION L0016897     VOLUME   439916.645 3764856.696 245.83
LOCATION L0016898     VOLUME   439916.764 3764878.695 245.58
LOCATION L0016899     VOLUME   439916.884 3764900.695 245.33
LOCATION L0016900     VOLUME   439917.003 3764922.695 245.08
LOCATION L0016901     VOLUME   439917.122 3764944.694 244.50
LOCATION L0016902     VOLUME   439917.241 3764966.694 243.57
LOCATION L0016903     VOLUME   439917.361 3764988.694 242.64
LOCATION L0016904     VOLUME   439917.480 3765010.693 241.72
LOCATION L0016905     VOLUME   439917.599 3765032.693 241.12
LOCATION L0016906     VOLUME   439917.718 3765054.693 241.36
LOCATION L0016907     VOLUME   439917.837 3765076.692 241.60
LOCATION L0016908     VOLUME   439917.957 3765098.692 241.83
LOCATION L0016909     VOLUME   439918.076 3765120.692 242.13
LOCATION L0016910     VOLUME   439918.195 3765142.691 243.07
LOCATION L0016911     VOLUME   439918.314 3765164.691 244.01
LOCATION L0016912     VOLUME   439918.434 3765186.691 244.95
LOCATION L0016913     VOLUME   439918.553 3765208.690 245.89
LOCATION L0016914     VOLUME   439918.672 3765230.690 245.78
LOCATION L0016915     VOLUME   439918.791 3765252.690 245.53
LOCATION L0016916     VOLUME   439918.911 3765274.689 245.28
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   LOCATION L0016917     VOLUME   439919.030 3765296.689 245.03
   LOCATION L0016918     VOLUME   439919.149 3765318.689 244.80
   LOCATION L0016919     VOLUME   439919.268 3765340.688 244.59
   LOCATION L0016920     VOLUME   439919.388 3765362.688 244.37
   LOCATION L0016921     VOLUME   439919.507 3765384.688 244.16
   LOCATION L0016922     VOLUME   439919.626 3765406.687 244.40
   LOCATION L0016923     VOLUME   439919.745 3765428.687 245.12
   LOCATION L0016924     VOLUME   439919.865 3765450.687 245.85
   LOCATION L0016925     VOLUME   439919.984 3765472.686 246.57
   LOCATION L0016926     VOLUME   439920.103 3765494.686 247.76
   LOCATION L0016927     VOLUME   439920.222 3765516.686 250.12
   LOCATION L0016928     VOLUME   439920.342 3765538.686 252.48
   LOCATION L0016929     VOLUME   439920.461 3765560.685 254.84
   LOCATION L0016930     VOLUME   439920.580 3765582.685 256.94
   LOCATION L0016931     VOLUME   439920.699 3765604.685 256.23
   LOCATION L0016932     VOLUME   439920.819 3765626.684 255.51
   LOCATION L0016933     VOLUME   439920.938 3765648.684 254.80
   LOCATION L0016934     VOLUME   439921.057 3765670.684 254.08
   LOCATION L0016935     VOLUME   439921.176 3765692.683 255.27
   LOCATION L0016936     VOLUME   439921.296 3765714.683 256.71
   LOCATION L0016937     VOLUME   439921.415 3765736.683 258.15
** END OF LINE VOLUME SOURCE ID = SLINE2
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE3
** DESCRSRC OFF-SITE TRAVEL 50% TO ARCHIBALD
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00009819
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 10
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** 443996.793, 3760466.323, 205.85, 3.49, 7.44
** 444029.900, 3760459.301, 205.94, 3.49, 7.44
** 444091.099, 3760437.229, 205.57, 3.49, 7.44
** 444140.258, 3760418.167, 205.46, 3.49, 7.44
** 444194.434, 3760409.138, 206.02, 3.49, 7.44
** 444345.925, 3760410.141, 207.07, 3.49, 7.44
** 444461.299, 3760413.151, 207.16, 3.49, 7.44
** 444727.161, 3760408.135, 204.31, 3.49, 7.44
** 445185.647, 3760404.122, 205.41, 3.49, 7.44
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   LOCATION L0016938     VOLUME   443950.605 3760468.889 207.90
   LOCATION L0016939     VOLUME   443966.580 3760468.002 207.82
   LOCATION L0016940     VOLUME   443982.556 3760467.114 207.40
   LOCATION L0016941     VOLUME   443998.496 3760465.962 206.98
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LOCATION L0016942     VOLUME   444014.148 3760462.642 206.54
LOCATION L0016943     VOLUME   444029.800 3760459.322 206.12
LOCATION L0016944     VOLUME   444044.854 3760453.907 205.79
LOCATION L0016945     VOLUME   444059.905 3760448.479 205.73
LOCATION L0016946     VOLUME   444074.957 3760443.051 205.67
LOCATION L0016947     VOLUME   444090.008 3760437.623 205.62
LOCATION L0016948     VOLUME   444104.935 3760431.864 205.55
LOCATION L0016949     VOLUME   444119.853 3760426.080 205.52
LOCATION L0016950     VOLUME   444134.771 3760420.295 205.65
LOCATION L0016951     VOLUME   444150.235 3760416.505 205.81
LOCATION L0016952     VOLUME   444166.017 3760413.874 205.99
LOCATION L0016953     VOLUME   444181.799 3760411.244 206.17
LOCATION L0016954     VOLUME   444197.625 3760409.159 206.33
LOCATION L0016955     VOLUME   444213.625 3760409.265 206.39
LOCATION L0016956     VOLUME   444229.624 3760409.371 206.46
LOCATION L0016957     VOLUME   444245.624 3760409.477 206.53
LOCATION L0016958     VOLUME   444261.624 3760409.583 206.60
LOCATION L0016959     VOLUME   444277.623 3760409.689 206.70
LOCATION L0016960     VOLUME   444293.623 3760409.795 206.85
LOCATION L0016961     VOLUME   444309.623 3760409.901 206.99
LOCATION L0016962     VOLUME   444325.622 3760410.007 207.13
LOCATION L0016963     VOLUME   444341.622 3760410.113 207.27
LOCATION L0016964     VOLUME   444357.618 3760410.446 207.34
LOCATION L0016965     VOLUME   444373.612 3760410.864 207.34
LOCATION L0016966     VOLUME   444389.607 3760411.281 207.35
LOCATION L0016967     VOLUME   444405.602 3760411.698 207.36
LOCATION L0016968     VOLUME   444421.596 3760412.115 207.36
LOCATION L0016969     VOLUME   444437.591 3760412.533 207.37
LOCATION L0016970     VOLUME   444453.585 3760412.950 207.37
LOCATION L0016971     VOLUME   444469.581 3760412.995 207.37
LOCATION L0016972     VOLUME   444485.578 3760412.693 207.37
LOCATION L0016973     VOLUME   444501.575 3760412.391 207.37
LOCATION L0016974     VOLUME   444517.573 3760412.089 206.79
LOCATION L0016975     VOLUME   444533.570 3760411.787 206.16
LOCATION L0016976     VOLUME   444549.567 3760411.486 205.54
LOCATION L0016977     VOLUME   444565.564 3760411.184 204.91
LOCATION L0016978     VOLUME   444581.561 3760410.882 204.35
LOCATION L0016979     VOLUME   444597.558 3760410.580 204.27
LOCATION L0016980     VOLUME   444613.556 3760410.278 204.20
LOCATION L0016981     VOLUME   444629.553 3760409.976 204.12
LOCATION L0016982     VOLUME   444645.550 3760409.675 204.05
LOCATION L0016983     VOLUME   444661.547 3760409.373 204.02
LOCATION L0016984     VOLUME   444677.544 3760409.071 204.09
LOCATION L0016985     VOLUME   444693.541 3760408.769 204.16
LOCATION L0016986     VOLUME   444709.538 3760408.467 204.23
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LOCATION L0016988     VOLUME   444741.535 3760408.009 204.34
LOCATION L0016989     VOLUME   444757.534 3760407.869 204.34
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   LOCATION L0016990     VOLUME   444773.534 3760407.729 204.34
   LOCATION L0016991     VOLUME   444789.533 3760407.589 204.34
   LOCATION L0016992     VOLUME   444805.532 3760407.449 204.34
   LOCATION L0016993     VOLUME   444821.532 3760407.309 204.48
   LOCATION L0016994     VOLUME   444837.531 3760407.169 204.68
   LOCATION L0016995     VOLUME   444853.530 3760407.029 204.89
   LOCATION L0016996     VOLUME   444869.530 3760406.889 205.10
   LOCATION L0016997     VOLUME   444885.529 3760406.749 205.31
   LOCATION L0016998     VOLUME   444901.529 3760406.609 205.33
   LOCATION L0016999     VOLUME   444917.528 3760406.469 205.33
   LOCATION L0017000     VOLUME   444933.527 3760406.329 205.33
   LOCATION L0017001     VOLUME   444949.527 3760406.188 205.33
   LOCATION L0017002     VOLUME   444965.526 3760406.048 205.34
   LOCATION L0017003     VOLUME   444981.526 3760405.908 205.55
   LOCATION L0017004     VOLUME   444997.525 3760405.768 205.76
   LOCATION L0017005     VOLUME   445013.524 3760405.628 205.96
   LOCATION L0017006     VOLUME   445029.524 3760405.488 206.17
   LOCATION L0017007     VOLUME   445045.523 3760405.348 206.38
   LOCATION L0017008     VOLUME   445061.523 3760405.208 206.59
   LOCATION L0017009     VOLUME   445077.522 3760405.068 206.79
   LOCATION L0017010     VOLUME   445093.521 3760404.928 207.00
   LOCATION L0017011     VOLUME   445109.521 3760404.788 207.21
   LOCATION L0017012     VOLUME   445125.520 3760404.648 207.14
   LOCATION L0017013     VOLUME   445141.519 3760404.508 206.73
   LOCATION L0017014     VOLUME   445157.519 3760404.368 206.31
   LOCATION L0017015     VOLUME   445173.518 3760404.228 205.90
** END OF LINE VOLUME SOURCE ID = SLINE3
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE4
** DESCRSRC OFF-SITE TRAVEL 20% TO I-15
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.000181
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 14
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** 445903.214, 3761994.858, 217.20, 3.49, 7.44
** 446052.218, 3762005.501, 217.64, 3.49, 7.44
** 446238.472, 3762093.306, 216.50, 3.49, 7.44
** 446496.566, 3762276.899, 222.68, 3.49, 7.44
** 446664.195, 3762378.009, 223.13, 3.49, 7.44
** 446783.930, 3762396.634, 223.07, 3.49, 7.44
** 447111.205, 3762399.295, 223.49, 3.49, 7.44
** 447962.652, 3762388.652, 224.70, 3.49, 7.44
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** 449013.656, 3762484.439, 220.41, 3.49, 7.44
** 449247.804, 3762566.923, 220.89, 3.49, 7.44
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   LOCATION L0017017     VOLUME   445195.610 3760441.019 205.73
   LOCATION L0017018     VOLUME   445195.717 3760457.019 205.90
   LOCATION L0017019     VOLUME   445195.824 3760473.019 206.00
   LOCATION L0017020     VOLUME   445195.931 3760489.018 206.00
   LOCATION L0017021     VOLUME   445196.038 3760505.018 206.00
   LOCATION L0017022     VOLUME   445196.145 3760521.018 206.00
   LOCATION L0017023     VOLUME   445196.252 3760537.017 206.00
   LOCATION L0017024     VOLUME   445196.359 3760553.017 206.00
   LOCATION L0017025     VOLUME   445196.466 3760569.017 206.00
   LOCATION L0017026     VOLUME   445196.573 3760585.016 206.00
   LOCATION L0017027     VOLUME   445196.680 3760601.016 206.00
   LOCATION L0017028     VOLUME   445196.787 3760617.015 206.00
   LOCATION L0017029     VOLUME   445196.894 3760633.015 206.00
   LOCATION L0017030     VOLUME   445197.001 3760649.015 206.00
   LOCATION L0017031     VOLUME   445197.108 3760665.014 206.15
   LOCATION L0017032     VOLUME   445197.215 3760681.014 206.32
   LOCATION L0017033     VOLUME   445197.322 3760697.014 206.49
   LOCATION L0017034     VOLUME   445197.429 3760713.013 206.67
   LOCATION L0017035     VOLUME   445197.536 3760729.013 206.84
   LOCATION L0017036     VOLUME   445197.643 3760745.013 207.00
   LOCATION L0017037     VOLUME   445197.750 3760761.012 207.00
   LOCATION L0017038     VOLUME   445197.857 3760777.012 207.00
   LOCATION L0017039     VOLUME   445197.964 3760793.012 207.00
   LOCATION L0017040     VOLUME   445198.071 3760809.011 207.00
   LOCATION L0017041     VOLUME   445198.178 3760825.011 207.00
   LOCATION L0017042     VOLUME   445198.285 3760841.010 207.00
   LOCATION L0017043     VOLUME   445198.392 3760857.010 207.00
   LOCATION L0017044     VOLUME   445198.499 3760873.010 207.00
   LOCATION L0017045     VOLUME   445198.606 3760889.009 207.00
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   LOCATION L0017047     VOLUME   445198.820 3760921.009 207.00
   LOCATION L0017048     VOLUME   445198.927 3760937.008 207.00
   LOCATION L0017049     VOLUME   445199.034 3760953.008 207.00
   LOCATION L0017050     VOLUME   445199.141 3760969.008 207.00
   LOCATION L0017051     VOLUME   445199.248 3760985.007 207.00
   LOCATION L0017052     VOLUME   445199.355 3761001.007 207.00
   LOCATION L0017053     VOLUME   445199.462 3761017.007 207.00
   LOCATION L0017054     VOLUME   445199.569 3761033.006 207.13
   LOCATION L0017055     VOLUME   445199.676 3761049.006 207.31
   LOCATION L0017056     VOLUME   445199.783 3761065.005 207.48
   LOCATION L0017057     VOLUME   445199.890 3761081.005 207.65
   LOCATION L0017058     VOLUME   445199.997 3761097.005 207.83
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LOCATION L0017059     VOLUME   445200.105 3761113.004 208.00
LOCATION L0017060     VOLUME   445200.212 3761129.004 208.01
LOCATION L0017061     VOLUME   445200.319 3761145.004 208.01
LOCATION L0017062     VOLUME   445200.426 3761161.003 208.01
LOCATION L0017063     VOLUME   445200.533 3761177.003 208.01
LOCATION L0017064     VOLUME   445200.640 3761193.003 208.01
LOCATION L0017065     VOLUME   445200.747 3761209.002 208.04
LOCATION L0017066     VOLUME   445200.854 3761225.002 208.22
LOCATION L0017067     VOLUME   445200.961 3761241.002 208.39
LOCATION L0017068     VOLUME   445201.068 3761257.001 208.56
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE5
** DESCRSRC OFF-SITE TRAVEL 20% TO SR-60
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0001662
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 5
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** END OF LINE VOLUME SOURCE ID = SLINE5
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE6
** DESCRSRC OFF-SITE TRAVEL 10% TO I-15
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** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0000778
** VERTICAL DIMENSION = 6.99
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   LOCATION L0018005     VOLUME   449130.974 3759539.880 196.21
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   LOCATION L0018007     VOLUME   449162.972 3759539.557 196.21
   LOCATION L0018008     VOLUME   449178.971 3759539.395 196.21
   LOCATION L0018009     VOLUME   449194.970 3759539.233 196.20
   LOCATION L0018010     VOLUME   449210.970 3759539.071 196.20
   LOCATION L0018011     VOLUME   449226.969 3759538.909 196.20
   LOCATION L0018012     VOLUME   449242.968 3759538.747 196.20
   LOCATION L0018013     VOLUME   449258.967 3759538.585 196.20
   LOCATION L0018014     VOLUME   449274.966 3759538.424 196.19
   LOCATION L0018015     VOLUME   449290.965 3759538.262 196.15
   LOCATION L0018016     VOLUME   449306.965 3759538.100 196.11
   LOCATION L0018017     VOLUME   449322.964 3759537.938 196.06
** END OF LINE VOLUME SOURCE ID = SLINE6
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
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** LINE VOLUME SOURCE ID = SLINE7
** DESCRSRC OFF-SITE TRAVEL 100% ON MERRILL AVE.
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0003035
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 2
** 441992.934, 3760465.608, 200.16, 3.49, 7.44
** 443928.033, 3760467.362, 207.97, 3.49, 7.44
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   LOCATION L0018018     VOLUME   442000.934 3760465.615 199.87
   LOCATION L0018019     VOLUME   442016.934 3760465.629 200.74
   LOCATION L0018020     VOLUME   442032.934 3760465.644 201.62
   LOCATION L0018021     VOLUME   442048.934 3760465.658 202.45
   LOCATION L0018022     VOLUME   442064.934 3760465.673 203.23
   LOCATION L0018023     VOLUME   442080.934 3760465.688 204.02
   LOCATION L0018024     VOLUME   442096.934 3760465.702 204.81
   LOCATION L0018025     VOLUME   442112.934 3760465.717 205.60
   LOCATION L0018026     VOLUME   442128.934 3760465.731 205.95
   LOCATION L0018027     VOLUME   442144.934 3760465.746 206.16
   LOCATION L0018028     VOLUME   442160.934 3760465.760 206.37
   LOCATION L0018029     VOLUME   442176.934 3760465.775 206.58
   LOCATION L0018030     VOLUME   442192.934 3760465.789 206.79
   LOCATION L0018031     VOLUME   442208.934 3760465.804 206.80
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   LOCATION L0018036     VOLUME   442288.934 3760465.876 206.57
   LOCATION L0018037     VOLUME   442304.934 3760465.891 206.36
   LOCATION L0018038     VOLUME   442320.934 3760465.905 206.16
   LOCATION L0018039     VOLUME   442336.934 3760465.920 205.95
   LOCATION L0018040     VOLUME   442352.934 3760465.934 205.74
   LOCATION L0018041     VOLUME   442368.934 3760465.949 205.54
   LOCATION L0018042     VOLUME   442384.934 3760465.963 205.33
   LOCATION L0018043     VOLUME   442400.934 3760465.978 205.12
   LOCATION L0018044     VOLUME   442416.934 3760465.992 204.92
   LOCATION L0018045     VOLUME   442432.934 3760466.007 204.71
   LOCATION L0018046     VOLUME   442448.934 3760466.021 204.50
   LOCATION L0018047     VOLUME   442464.934 3760466.036 204.30
   LOCATION L0018048     VOLUME   442480.934 3760466.050 204.09
   LOCATION L0018049     VOLUME   442496.934 3760466.065 203.88
   LOCATION L0018050     VOLUME   442512.934 3760466.079 203.82
   LOCATION L0018051     VOLUME   442528.934 3760466.094 203.82
   LOCATION L0018052     VOLUME   442544.934 3760466.108 203.82
   LOCATION L0018053     VOLUME   442560.934 3760466.123 203.83
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LOCATION L0018056     VOLUME   442608.934 3760466.166 203.83
LOCATION L0018057     VOLUME   442624.934 3760466.181 203.83
LOCATION L0018058     VOLUME   442640.934 3760466.195 203.83
LOCATION L0018059     VOLUME   442656.934 3760466.210 203.83
LOCATION L0018060     VOLUME   442672.934 3760466.224 203.83
LOCATION L0018061     VOLUME   442688.934 3760466.239 203.84
LOCATION L0018062     VOLUME   442704.934 3760466.253 203.84
LOCATION L0018063     VOLUME   442720.934 3760466.268 203.84
LOCATION L0018064     VOLUME   442736.934 3760466.282 203.84
LOCATION L0018065     VOLUME   442752.934 3760466.297 203.84
LOCATION L0018066     VOLUME   442768.934 3760466.311 203.84
LOCATION L0018067     VOLUME   442784.934 3760466.326 203.84
LOCATION L0018068     VOLUME   442800.934 3760466.340 203.84
LOCATION L0018069     VOLUME   442816.934 3760466.355 203.84
LOCATION L0018070     VOLUME   442832.934 3760466.369 203.85
LOCATION L0018071     VOLUME   442848.934 3760466.384 203.85
LOCATION L0018072     VOLUME   442864.934 3760466.398 203.85
LOCATION L0018073     VOLUME   442880.934 3760466.413 203.85
LOCATION L0018074     VOLUME   442896.934 3760466.427 203.85
LOCATION L0018075     VOLUME   442912.934 3760466.442 203.85
LOCATION L0018076     VOLUME   442928.934 3760466.456 203.85
LOCATION L0018077     VOLUME   442944.934 3760466.471 203.85
LOCATION L0018078     VOLUME   442960.934 3760466.485 203.86
LOCATION L0018079     VOLUME   442976.934 3760466.500 203.86
LOCATION L0018080     VOLUME   442992.934 3760466.514 203.86
LOCATION L0018081     VOLUME   443008.934 3760466.529 203.86
LOCATION L0018082     VOLUME   443024.934 3760466.543 203.86
LOCATION L0018083     VOLUME   443040.934 3760466.558 203.86
LOCATION L0018084     VOLUME   443056.934 3760466.572 203.86
LOCATION L0018085     VOLUME   443072.934 3760466.587 203.86
LOCATION L0018086     VOLUME   443088.934 3760466.601 203.87
LOCATION L0018087     VOLUME   443104.934 3760466.616 203.87
LOCATION L0018088     VOLUME   443120.934 3760466.630 203.87
LOCATION L0018089     VOLUME   443136.934 3760466.645 203.87
LOCATION L0018090     VOLUME   443152.934 3760466.659 203.87
LOCATION L0018091     VOLUME   443168.934 3760466.674 203.87
LOCATION L0018092     VOLUME   443184.934 3760466.688 203.87
LOCATION L0018093     VOLUME   443200.934 3760466.703 203.87
LOCATION L0018094     VOLUME   443216.934 3760466.717 203.87
LOCATION L0018095     VOLUME   443232.934 3760466.732 203.88
LOCATION L0018096     VOLUME   443248.934 3760466.746 203.88
LOCATION L0018097     VOLUME   443264.934 3760466.761 203.88
LOCATION L0018098     VOLUME   443280.934 3760466.775 203.88
LOCATION L0018099     VOLUME   443296.934 3760466.790 203.88
LOCATION L0018100     VOLUME   443312.934 3760466.804 203.88
LOCATION L0018101     VOLUME   443328.934 3760466.819 203.88
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   LOCATION L0018103     VOLUME   443360.934 3760466.848 203.89
   LOCATION L0018104     VOLUME   443376.934 3760466.862 203.89
   LOCATION L0018105     VOLUME   443392.934 3760466.877 203.89
   LOCATION L0018106     VOLUME   443408.934 3760466.891 203.89
   LOCATION L0018107     VOLUME   443424.934 3760466.906 203.89
   LOCATION L0018108     VOLUME   443440.934 3760466.921 203.89
   LOCATION L0018109     VOLUME   443456.934 3760466.935 203.89
   LOCATION L0018110     VOLUME   443472.934 3760466.950 203.89
   LOCATION L0018111     VOLUME   443488.934 3760466.964 203.90
   LOCATION L0018112     VOLUME   443504.934 3760466.979 203.90
   LOCATION L0018113     VOLUME   443520.934 3760466.993 203.90
   LOCATION L0018114     VOLUME   443536.934 3760467.008 203.90
   LOCATION L0018115     VOLUME   443552.934 3760467.022 203.90
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   LOCATION L0018118     VOLUME   443600.934 3760467.066 203.90
   LOCATION L0018119     VOLUME   443616.934 3760467.080 203.90
   LOCATION L0018120     VOLUME   443632.934 3760467.095 203.91
   LOCATION L0018121     VOLUME   443648.934 3760467.109 203.91
   LOCATION L0018122     VOLUME   443664.934 3760467.124 203.91
   LOCATION L0018123     VOLUME   443680.934 3760467.138 203.91
   LOCATION L0018124     VOLUME   443696.934 3760467.153 203.91
   LOCATION L0018125     VOLUME   443712.934 3760467.167 203.91
   LOCATION L0018126     VOLUME   443728.934 3760467.182 203.91
   LOCATION L0018127     VOLUME   443744.934 3760467.196 204.20
   LOCATION L0018128     VOLUME   443760.934 3760467.211 204.60
   LOCATION L0018129     VOLUME   443776.934 3760467.225 205.00
   LOCATION L0018130     VOLUME   443792.934 3760467.240 205.40
   LOCATION L0018131     VOLUME   443808.934 3760467.254 205.80
   LOCATION L0018132     VOLUME   443824.934 3760467.269 206.23
   LOCATION L0018133     VOLUME   443840.934 3760467.283 206.67
   LOCATION L0018134     VOLUME   443856.934 3760467.298 207.10
   LOCATION L0018135     VOLUME   443872.934 3760467.312 207.54
   LOCATION L0018136     VOLUME   443888.934 3760467.327 207.92
   LOCATION L0018137     VOLUME   443904.934 3760467.341 207.91
   LOCATION L0018138     VOLUME   443920.934 3760467.356 207.90
** END OF LINE VOLUME SOURCE ID = SLINE7
** SOURCE PARAMETERS **
   SRCPARAM AREA1        1.7572E-09     4.110   197.610   647.400     0.000
   SRCPARAM AREA2        1.4832E-09     4.110   383.920   651.170     0.000
   SRCPARAM AREA3              0.0     4.110   781.650   298.930     0.000
   SRCPARAM AREA4              0.0     4.110   775.010   312.220     0.000
   SRCPARAM AREA5              0.0     4.110   197.070   635.510     0.000
   SRCPARAM AREA6              0.0     4.110   314.430   653.220     0.000
   SRCPARAM AREA7              0.0     4.110   786.080   115.140     0.000
   SRCPARAM AREA8              0.0     4.110   190.430   117.360     0.000
   SRCPARAM AREA9              0.0     4.110   192.640   119.570     0.000
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   SRCPARAM AREA10             0.0     4.110   374.220   110.720     0.000
   SRCPARAM AREA11             0.0     4.110   318.860   121.790     0.000
** LINE VOLUME SOURCE ID = SLINE1
   SRCPARAM L0016101     0.0000005018      0.00      7.44      3.25
   SRCPARAM L0016102     0.0000005018      0.00      7.44      3.25
   SRCPARAM L0016103     0.0000005018      0.00      7.44      3.25
   SRCPARAM L0016104     0.0000005018      0.00      7.44      3.25
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   SRCPARAM L0016112     0.0000005018      0.00      7.44      3.25
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   SRCPARAM L0016123     0.0000005018      0.00      7.44      3.25
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   SRCPARAM L0016125     0.0000005018      0.00      7.44      3.25
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SRCPARAM	L0016840	0.000001036	3.49	10.23	3.25
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SRCPARAM	L0016899	0.000001036	3.49	10.23	3.25
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SRCPARAM	L0016901	0.000001036	3.49	10.23	3.25
SRCPARAM	L0016902	0.000001036	3.49	10.23	3.25
SRCPARAM	L0016903	0.000001036	3.49	10.23	3.25
SRCPARAM	L0016904	0.000001036	3.49	10.23	3.25
SRCPARAM	L0016905	0.000001036	3.49	10.23	3.25
SRCPARAM	L0016906	0.000001036	3.49	10.23	3.25
SRCPARAM	L0016907	0.000001036	3.49	10.23	3.25
SRCPARAM	L0016908	0.000001036	3.49	10.23	3.25
SRCPARAM	L0016909	0.000001036	3.49	10.23	3.25
SRCPARAM	L0016910	0.000001036	3.49	10.23	3.25
SRCPARAM	L0016911	0.000001036	3.49	10.23	3.25

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   SRCPARAM L0016926     0.000001036      3.49     10.23      3.25
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   SRCPARAM L0016941     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016942     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016943     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016944     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016945     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016946     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016947     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016948     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016949     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016950     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016951     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016952     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016953     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016954     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016955     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016956     0.000001259      3.49      7.44      3.25
   SRCPARAM L0016957     0.000001259      3.49      7.44      3.25
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SRCPARAM	L0016960	0.000001259	3.49	7.44	3.25
SRCPARAM	L0016961	0.000001259	3.49	7.44	3.25
SRCPARAM	L0016962	0.000001259	3.49	7.44	3.25
SRCPARAM	L0016963	0.000001259	3.49	7.44	3.25
SRCPARAM	L0016964	0.000001259	3.49	7.44	3.25
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SRCPARAM	L0016966	0.000001259	3.49	7.44	3.25
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SRCPARAM	L0016972	0.000001259	3.49	7.44	3.25
SRCPARAM	L0016973	0.000001259	3.49	7.44	3.25
SRCPARAM	L0016974	0.000001259	3.49	7.44	3.25
SRCPARAM	L0016975	0.000001259	3.49	7.44	3.25
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   SRCPARAM L0017021     0.0000005014      3.49      7.44      3.25
   SRCPARAM L0017022     0.0000005014      3.49      7.44      3.25
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SRCPARAM	L0017982	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017983	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017984	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017985	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017986	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017987	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017988	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017989	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017990	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017991	0.000000251	3.49	7.44	3.25
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SRCPARAM	L0017993	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017994	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017995	0.000000251	3.49	7.44	3.25
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SRCPARAM	L0017997	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017998	0.000000251	3.49	7.44	3.25
SRCPARAM	L0017999	0.000000251	3.49	7.44	3.25
SRCPARAM	L0018000	0.000000251	3.49	7.44	3.25
SRCPARAM	L0018001	0.000000251	3.49	7.44	3.25
SRCPARAM	L0018002	0.000000251	3.49	7.44	3.25
SRCPARAM	L0018003	0.000000251	3.49	7.44	3.25
SRCPARAM	L0018004	0.000000251	3.49	7.44	3.25
SRCPARAM	L0018005	0.000000251	3.49	7.44	3.25
SRCPARAM	L0018006	0.000000251	3.49	7.44	3.25
SRCPARAM	L0018007	0.000000251	3.49	7.44	3.25

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   SRCPARAM L0018008     0.000000251      3.49      7.44      3.25
   SRCPARAM L0018009     0.000000251      3.49      7.44      3.25
   SRCPARAM L0018010     0.000000251      3.49      7.44      3.25
   SRCPARAM L0018011     0.000000251      3.49      7.44      3.25
   SRCPARAM L0018012     0.000000251      3.49      7.44      3.25
   SRCPARAM L0018013     0.000000251      3.49      7.44      3.25
   SRCPARAM L0018014     0.000000251      3.49      7.44      3.25
   SRCPARAM L0018015     0.000000251      3.49      7.44      3.25
   SRCPARAM L0018016     0.000000251      3.49      7.44      3.25
   SRCPARAM L0018017     0.000000251      3.49      7.44      3.25
** ----------------------------------------------------------------
** LINE VOLUME SOURCE ID = SLINE7
   SRCPARAM L0018018     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018019     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018020     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018021     0.000002508      3.49      7.44      3.25
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   SRCPARAM L0018023     0.000002508      3.49      7.44      3.25
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   SRCPARAM L0018025     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018026     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018027     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018028     0.000002508      3.49      7.44      3.25
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   SRCPARAM L0018031     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018032     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018033     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018034     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018035     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018036     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018037     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018038     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018039     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018040     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018041     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018042     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018043     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018044     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018045     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018046     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018047     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018048     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018049     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018050     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018051     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018052     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018053     0.000002508      3.49      7.44      3.25
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SRCPARAM	L0018054	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018055	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018056	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018057	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018058	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018059	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018060	0.000002508	3.49	7.44	3.25
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SRCPARAM	L0018063	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018064	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018065	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018066	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018067	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018068	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018069	0.000002508	3.49	7.44	3.25
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SRCPARAM	L0018073	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018074	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018075	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018076	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018077	0.000002508	3.49	7.44	3.25
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SRCPARAM	L0018079	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018080	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018081	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018082	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018083	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018084	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018085	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018086	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018087	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018088	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018089	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018090	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018091	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018092	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018093	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018094	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018095	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018096	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018097	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018098	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018099	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018100	0.000002508	3.49	7.44	3.25
SRCPARAM	L0018101	0.000002508	3.49	7.44	3.25

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   SRCPARAM L0018102     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018103     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018104     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018105     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018106     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018107     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018108     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018109     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018110     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018111     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018112     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018113     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018114     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018115     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018116     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018117     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018118     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018119     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018120     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018121     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018122     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018123     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018124     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018125     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018126     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018127     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018128     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018129     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018130     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018131     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018132     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018133     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018134     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018135     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018136     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018137     0.000002508      3.49      7.44      3.25
   SRCPARAM L0018138     0.000002508      3.49      7.44      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
```

```
   INCLUDED "2022 HRA.ROU"
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE KCNO_V9_ADJU\KCNO_V9.SFC
   PROFFILE KCNO_V9_ADJU\KCNO_V9.PFL
   SURFDATA 3179 2012
   UAIRDATA 3190 2012
   PROFBASE 198.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
** AUTO-GENERATED PLOTFILES
   PLOTFILE   ANNUAL ALL "2022 HRA.AD\AN00GALL.PLT" 31
   SUMMFILE "2022 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           11 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320    2249        APARM: Input Parameter May Be Out-of-Range for Parameter
       QS
 SO W320    2250        APARM: Input Parameter May Be Out-of-Range for Parameter
       QS
 SO W320    2251        APARM: Input Parameter May Be Out-of-Range for Parameter
       QS
```

```
 SO W320    2252        APARM: Input Parameter May Be Out-of-Range for Parameter
        QS
 SO W320    2253        APARM: Input Parameter May Be Out-of-Range for Parameter
        QS
 SO W320    2254        APARM: Input Parameter May Be Out-of-Range for Parameter
        QS
 SO W320    2255        APARM: Input Parameter May Be Out-of-Range for Parameter
        QS
 SO W320    2256        APARM: Input Parameter May Be Out-of-Range for Parameter
        QS
 SO W320    2257        APARM: Input Parameter May Be Out-of-Range for Parameter
        QS
 ME W186    4334       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    4334       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:45:11

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

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

 **Model Uses URBAN Dispersion Algorithm for the SBL for  2049 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   2035210.0 ;  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:   2049 Source(s);       1 Source Group(s); and      21
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   2038 VOLUME source(s)
                 and:     11 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) =   198.00 ;  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 =   4.6 MB of RAM.

 **Input Runstream File: aermod.inp

 **Output Print File: aermod.out

 **Detailed Error/Message File: 2022 HRA.ERR

 **File for Summary of Results: 2022 HRA.SUM

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

L0016107	0	0.50180E-06	441874.6	3760462.4	195.7	0.00	7.44	3.25 YES
L0016108	0	0.50180E-06	441858.6	3760462.4	195.7	0.00	7.44	3.25 YES
L0016109	0	0.50180E-06	441842.6	3760462.4	195.7	0.00	7.44	3.25 YES
L0016110	0	0.50180E-06	441826.6	3760462.4	195.7	0.00	7.44	3.25 YES
L0016111	0	0.50180E-06	441810.6	3760462.5	195.7	0.00	7.44	3.25 YES
L0016112	0	0.50180E-06	441794.6	3760462.5	195.6	0.00	7.44	3.25 YES
L0016113	0	0.50180E-06	441778.6	3760462.5	195.4	0.00	7.44	3.25 YES
L0016114	0	0.50180E-06	441762.6	3760462.5	195.3	0.00	7.44	3.25 YES
L0016115	0	0.50180E-06	441746.6	3760462.5	195.1	0.00	7.44	3.25 YES
L0016116	0	0.50180E-06	441730.6	3760462.6	195.0	0.00	7.44	3.25 YES
L0016117	0	0.50180E-06	441714.6	3760462.6	195.0	0.00	7.44	3.25 YES
L0016118	0	0.50180E-06	441698.6	3760462.6	195.0	0.00	7.44	3.25 YES
L0016119	0	0.50180E-06	441682.6	3760462.6	195.0	0.00	7.44	3.25 YES
L0016120	0	0.50180E-06	441666.6	3760462.6	195.0	0.00	7.44	3.25 YES
L0016121	0	0.50180E-06	441650.6	3760462.7	195.0	0.00	7.44	3.25 YES
L0016122	0	0.50180E-06	441634.6	3760462.7	195.0	0.00	7.44	3.25 YES
L0016123	0	0.50180E-06	441618.6	3760462.7	195.0	0.00	7.44	3.25 YES
L0016124	0	0.50180E-06	441602.6	3760462.7	195.0	0.00	7.44	3.25 YES
L0016125	0	0.50180E-06	441586.6	3760462.7	195.0	0.00	7.44	3.25 YES
L0016126	0	0.50180E-06	441570.6	3760462.8	195.0	0.00	7.44	3.25 YES
L0016127	0	0.50180E-06	441554.6	3760462.8	194.9	0.00	7.44	3.25 YES
L0016128	0	0.50180E-06	441538.6	3760462.8	194.9	0.00	7.44	3.25 YES
L0016129	0	0.50180E-06	441522.6	3760462.8	194.8	0.00	7.44	3.25 YES
L0016130	0	0.50180E-06	441506.6	3760462.8	194.7	0.00	7.44	3.25 YES

```
 L0016131         0   0.50180E-06  441490.6 3760462.9   194.7     0.00     7.44
3.25     YES
 L0016132         0   0.50180E-06  441474.6 3760462.9   194.7     0.00     7.44
3.25     YES
 L0016133         0   0.50180E-06  441458.6 3760462.9   194.7     0.00     7.44
3.25     YES
 L0016134         0   0.50180E-06  441442.6 3760462.9   194.7     0.00     7.44
3.25     YES
 L0016135         0   0.50180E-06  441426.6 3760462.9   194.7     0.00     7.44
3.25     YES
 L0016136         0   0.50180E-06  441410.6 3760463.0   194.7     0.00     7.44
3.25     YES
 L0016137         0   0.50180E-06  441394.6 3760463.0   194.7     0.00     7.44
3.25     YES
 L0016138         0   0.50180E-06  441378.6 3760463.0   194.7     0.00     7.44
3.25     YES
 L0016139         0   0.50180E-06  441362.6 3760463.0   194.7     0.00     7.44
3.25     YES
 L0016140         0   0.50180E-06  441346.6 3760463.0   194.7     0.00     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:45:11

                                  PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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 L0016141         0   0.50180E-06  441330.6 3760463.1   194.7     0.00     7.44
3.25     YES
 L0016142         0   0.50180E-06  441314.6 3760463.1   194.7     0.00     7.44
3.25     YES
 L0016143         0   0.50180E-06  441298.6 3760463.1   194.7     0.00     7.44
3.25     YES
 L0016144         0   0.50180E-06  441282.6 3760463.1   194.7     0.00     7.44
3.25     YES
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L0016145	0	0.50180E-06	441266.6	3760463.1	194.7	0.00	7.44	3.25 YES
L0016146	0	0.50180E-06	441250.6	3760463.2	194.7	0.00	7.44	3.25 YES
L0016147	0	0.50180E-06	441234.6	3760463.2	194.7	0.00	7.44	3.25 YES
L0016148	0	0.50180E-06	441218.6	3760463.2	194.7	0.00	7.44	3.25 YES
L0016149	0	0.50180E-06	441202.6	3760463.2	194.7	0.00	7.44	3.25 YES
L0016150	0	0.50180E-06	441186.6	3760463.3	194.7	0.00	7.44	3.25 YES
L0016151	0	0.50180E-06	441170.6	3760463.3	194.7	0.00	7.44	3.25 YES
L0016152	0	0.50180E-06	441154.6	3760463.3	194.7	0.00	7.44	3.25 YES
L0016153	0	0.50180E-06	441138.6	3760463.3	194.7	0.00	7.44	3.25 YES
L0016154	0	0.50180E-06	441122.6	3760463.3	194.7	0.00	7.44	3.25 YES
L0016155	0	0.50180E-06	441106.6	3760463.4	194.7	0.00	7.44	3.25 YES
L0016156	0	0.50180E-06	441090.6	3760463.4	194.8	0.00	7.44	3.25 YES
L0016157	0	0.50180E-06	441074.6	3760463.4	194.9	0.00	7.44	3.25 YES
L0016158	0	0.50180E-06	441058.6	3760463.4	194.9	0.00	7.44	3.25 YES
L0016159	0	0.50180E-06	441042.6	3760463.4	195.0	0.00	7.44	3.25 YES
L0016160	0	0.50180E-06	441026.6	3760463.5	195.0	0.00	7.44	3.25 YES
L0016161	0	0.50180E-06	441010.6	3760463.5	194.9	0.00	7.44	3.25 YES
L0016162	0	0.50180E-06	440994.6	3760463.5	194.8	0.00	7.44	3.25 YES
L0016163	0	0.50180E-06	440978.6	3760463.5	194.8	0.00	7.44	3.25 YES
L0016164	0	0.50180E-06	440962.6	3760463.5	194.7	0.00	7.44	3.25 YES
L0016165	0	0.50180E-06	440946.6	3760463.6	194.8	0.00	7.44	3.25 YES
L0016166	0	0.50180E-06	440930.6	3760463.6	194.8	0.00	7.44	3.25 YES
L0016167	0	0.50180E-06	440914.6	3760463.6	194.9	0.00	7.44	3.25 YES
L0016168	0	0.50180E-06	440898.6	3760463.6	195.0	0.00	7.44	3.25 YES

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 L0016169         0   0.50180E-06  440882.6 3760463.6   195.0     0.00     7.44
3.25     YES
 L0016170         0   0.50180E-06  440866.6 3760463.7   195.0     0.00     7.44
3.25     YES
 L0016171         0   0.50180E-06  440850.6 3760463.7   195.0     0.00     7.44
3.25     YES
 L0016172         0   0.50180E-06  440834.6 3760463.7   195.0     0.00     7.44
3.25     YES
 L0016173         0   0.50180E-06  440818.6 3760463.7   195.0     0.00     7.44
3.25     YES
 L0016174         0   0.50180E-06  440802.6 3760463.7   195.0     0.00     7.44
3.25     YES
 L0016175         0   0.50180E-06  440786.6 3760463.8   195.0     0.00     7.44
3.25     YES
 L0016176         0   0.50180E-06  440770.6 3760463.8   195.0     0.00     7.44
3.25     YES
 L0016177         0   0.50180E-06  440754.6 3760463.8   195.0     0.00     7.44
3.25     YES
 L0016178         0   0.50180E-06  440738.6 3760463.8   195.0     0.00     7.44
3.25     YES
 L0016179         0   0.50180E-06  440722.6 3760463.8   195.0     0.00     7.44
3.25     YES
 L0016180         0   0.50180E-06  440706.6 3760463.9   195.0     0.00     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:45:11

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0016181         0   0.50180E-06  440690.6 3760463.9   195.0     0.00     7.44
3.25     YES
 L0016182         0   0.50180E-06  440674.6 3760463.9   195.0     0.00     7.44
3.25     YES
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L0016183	0	0.50180E-06	440658.6	3760463.9	195.0	0.00	7.44	3.25 YES
L0016184	0	0.50180E-06	440642.6	3760463.9	195.0	0.00	7.44	3.25 YES
L0016185	0	0.50180E-06	440626.6	3760464.0	195.0	0.00	7.44	3.25 YES
L0016186	0	0.50180E-06	440610.6	3760464.0	195.0	0.00	7.44	3.25 YES
L0016187	0	0.50180E-06	440594.6	3760464.0	195.0	0.00	7.44	3.25 YES
L0016188	0	0.50180E-06	440578.6	3760464.0	195.0	0.00	7.44	3.25 YES
L0016189	0	0.50180E-06	440562.6	3760464.0	195.0	0.00	7.44	3.25 YES
L0016190	0	0.50180E-06	440546.6	3760464.1	195.0	0.00	7.44	3.25 YES
L0016191	0	0.50180E-06	440530.6	3760464.1	195.0	0.00	7.44	3.25 YES
L0016192	0	0.50180E-06	440514.6	3760464.1	195.0	0.00	7.44	3.25 YES
L0016193	0	0.50180E-06	440498.6	3760464.1	195.0	0.00	7.44	3.25 YES
L0016194	0	0.50180E-06	440482.6	3760464.1	194.9	0.00	7.44	3.25 YES
L0016195	0	0.50180E-06	440466.6	3760464.2	194.9	0.00	7.44	3.25 YES
L0016196	0	0.50180E-06	440450.6	3760464.2	194.8	0.00	7.44	3.25 YES
L0016197	0	0.50180E-06	440434.6	3760464.2	194.7	0.00	7.44	3.25 YES
L0016198	0	0.50180E-06	440418.6	3760464.2	194.6	0.00	7.44	3.25 YES
L0016199	0	0.50180E-06	440402.6	3760464.2	194.4	0.00	7.44	3.25 YES
L0016200	0	0.50180E-06	440386.6	3760464.3	194.2	0.00	7.44	3.25 YES
L0016201	0	0.50180E-06	440370.6	3760464.3	194.0	0.00	7.44	3.25 YES
L0016202	0	0.50180E-06	440354.6	3760464.3	193.8	0.00	7.44	3.25 YES
L0016203	0	0.50180E-06	440338.6	3760464.3	193.6	0.00	7.44	3.25 YES
L0016204	0	0.50180E-06	440322.6	3760464.3	193.4	0.00	7.44	3.25 YES
L0016205	0	0.50180E-06	440306.6	3760464.4	193.1	0.00	7.44	3.25 YES
L0016206	0	0.50180E-06	440290.6	3760464.4	192.9	0.00	7.44	3.25 YES

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 L0016207         0   0.50180E-06  440274.6 3760464.4   192.7     0.00     7.44
3.25     YES
 L0016208         0   0.50180E-06  440258.6 3760464.4   192.7     0.00     7.44
3.25     YES
 L0016209         0   0.50180E-06  440242.6 3760464.4   192.7     0.00     7.44
3.25     YES
 L0016210         0   0.50180E-06  440226.6 3760464.5   192.7     0.00     7.44
3.25     YES
 L0016211         0   0.50180E-06  440210.6 3760464.5   192.7     0.00     7.44
3.25     YES
 L0016212         0   0.50180E-06  440194.6 3760464.5   192.7     0.00     7.44
3.25     YES
 L0016213         0   0.50180E-06  440178.6 3760464.5   192.5     0.00     7.44
3.25     YES
 L0016214         0   0.50180E-06  440162.6 3760464.5   192.3     0.00     7.44
3.25     YES
 L0016215         0   0.50180E-06  440146.6 3760464.6   192.1     0.00     7.44
3.25     YES
 L0016216         0   0.50180E-06  440130.6 3760464.6   191.8     0.00     7.44
3.25     YES
 L0016217         0   0.50180E-06  440114.6 3760464.6   191.7     0.00     7.44
3.25     YES
 L0016218         0   0.50180E-06  440098.6 3760464.6   191.6     0.00     7.44
3.25     YES
 L0016219         0   0.50180E-06  440082.6 3760464.6   191.6     0.00     7.44
3.25     YES
 L0016220         0   0.50180E-06  440066.6 3760464.7   191.6     0.00     7.44
3.25     YES
↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:45:11

                                   PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0016221	0	0.50180E-06	440050.6	3760464.7	191.6	0.00	7.44	3.25 YES
L0016222	0	0.50180E-06	440034.6	3760464.7	191.6	0.00	7.44	3.25 YES
L0016223	0	0.50180E-06	440018.6	3760464.7	191.4	0.00	7.44	3.25 YES
L0016224	0	0.50180E-06	440002.6	3760464.7	191.2	0.00	7.44	3.25 YES
L0016225	0	0.50180E-06	439986.6	3760464.8	191.0	0.00	7.44	3.25 YES
L0016226	0	0.50180E-06	439970.6	3760464.8	190.8	0.00	7.44	3.25 YES
L0016227	0	0.50180E-06	439954.6	3760464.8	190.6	0.00	7.44	3.25 YES
L0016228	0	0.50180E-06	439938.6	3760464.8	190.3	0.00	7.44	3.25 YES
L0016229	0	0.50180E-06	439922.6	3760464.8	190.1	0.00	7.44	3.25 YES
L0016230	0	0.50180E-06	439906.6	3760464.9	189.9	0.00	7.44	3.25 YES
L0016231	0	0.50180E-06	439899.3	3760456.0	189.7	0.00	7.44	3.25 YES
L0016232	0	0.50180E-06	439899.2	3760440.0	189.6	0.00	7.44	3.25 YES
L0016233	0	0.50180E-06	439899.1	3760424.0	189.4	0.00	7.44	3.25 YES
L0016234	0	0.50180E-06	439899.1	3760408.1	189.2	0.00	7.44	3.25 YES
L0016235	0	0.50180E-06	439899.0	3760392.1	189.0	0.00	7.44	3.25 YES
L0016236	0	0.50180E-06	439898.9	3760376.1	188.9	0.00	7.44	3.25 YES
L0016237	0	0.50180E-06	439898.8	3760360.1	188.7	0.00	7.44	3.25 YES
L0016238	0	0.50180E-06	439898.7	3760344.1	188.5	0.00	7.44	3.25 YES
L0016239	0	0.50180E-06	439898.6	3760328.1	188.4	0.00	7.44	3.25 YES
L0016240	0	0.50180E-06	439898.5	3760312.1	188.2	0.00	7.44	3.25 YES
L0016241	0	0.50180E-06	439898.4	3760296.1	188.2	0.00	7.44	3.25 YES
L0016242	0	0.50180E-06	439898.3	3760280.1	188.1	0.00	7.44	3.25 YES
L0016243	0	0.50180E-06	439898.2	3760264.1	188.1	0.00	7.44	3.25 YES
L0016244	0	0.50180E-06	439898.2	3760248.1	188.1	0.00	7.44	3.25 YES

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 L0016245         0   0.50180E-06  439898.1 3760232.1   188.0     0.00     7.44
3.25     YES
 L0016246         0   0.50180E-06  439898.0 3760216.1   187.9     0.00     7.44
3.25     YES
 L0016247         0   0.50180E-06  439897.9 3760200.1   187.8     0.00     7.44
3.25     YES
 L0016248         0   0.50180E-06  439897.8 3760184.1   187.6     0.00     7.44
3.25     YES
 L0016249         0   0.50180E-06  439897.7 3760168.1   187.4     0.00     7.44
3.25     YES
 L0016250         0   0.50180E-06  439897.6 3760152.1   187.2     0.00     7.44
3.25     YES
 L0016251         0   0.50180E-06  439897.5 3760136.1   187.1     0.00     7.44
3.25     YES
 L0016252         0   0.50180E-06  439897.4 3760120.1   186.9     0.00     7.44
3.25     YES
 L0016253         0   0.50180E-06  439897.3 3760104.1   186.7     0.00     7.44
3.25     YES
 L0016254         0   0.50180E-06  439897.2 3760088.1   186.6     0.00     7.44
3.25     YES
 L0016255         0   0.50180E-06  439897.2 3760072.1   186.4     0.00     7.44
3.25     YES
 L0016256         0   0.50180E-06  439897.1 3760056.1   186.2     0.00     7.44
3.25     YES
 L0016257         0   0.50180E-06  439897.0 3760040.1   186.0     0.00     7.44
3.25     YES
 L0016258         0   0.50180E-06  439896.9 3760024.1   185.9     0.00     7.44
3.25     YES
 L0016259         0   0.50180E-06  439896.8 3760008.1   185.8     0.00     7.44
3.25     YES
 L0016260         0   0.50180E-06  439896.7 3759992.1   185.6     0.00     7.44
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:45:11

                                   PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

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L0016283	0	0.50180E-06	439894.6	3759624.1	185.0	0.00	7.44	3.25 YES
L0016284	0	0.50180E-06	439894.5	3759608.1	185.0	0.00	7.44	3.25 YES
L0016285	0	0.50180E-06	439894.4	3759592.1	185.0	0.00	7.44	3.25 YES
L0016286	0	0.50180E-06	439894.4	3759576.1	185.0	0.00	7.44	3.25 YES
L0016287	0	0.50180E-06	439894.3	3759560.1	185.0	0.00	7.44	3.25 YES
L0016288	0	0.50180E-06	439894.2	3759544.1	185.0	0.00	7.44	3.25 YES
L0016289	0	0.50180E-06	439894.1	3759528.1	185.0	0.00	7.44	3.25 YES
L0016290	0	0.50180E-06	439894.0	3759512.1	185.0	0.00	7.44	3.25 YES
L0016291	0	0.50180E-06	439893.9	3759496.1	185.0	0.00	7.44	3.25 YES
L0016292	0	0.50180E-06	439893.8	3759480.1	185.0	0.00	7.44	3.25 YES
L0016293	0	0.50180E-06	439893.7	3759464.1	184.8	0.00	7.44	3.25 YES
L0016294	0	0.50180E-06	439893.6	3759448.1	184.6	0.00	7.44	3.25 YES
L0016295	0	0.50180E-06	439893.5	3759432.1	184.5	0.00	7.44	3.25 YES
L0016296	0	0.50180E-06	439893.5	3759416.1	184.3	0.00	7.44	3.25 YES
L0016297	0	0.50180E-06	439893.4	3759400.1	184.1	0.00	7.44	3.25 YES
L0016298	0	0.50180E-06	439893.3	3759384.1	184.0	0.00	7.44	3.25 YES
L0016299	0	0.50180E-06	439893.2	3759368.1	184.0	0.00	7.44	3.25 YES
L0016300	0	0.50180E-06	439893.1	3759352.1	184.0	0.00	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE BASE RELEASE INIT.

INIT. SOURCE ID	URBAN PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE VARY BY
L0016301	0	0.50180E-06	439893.0	3759336.1	184.0	0.00	7.44	3.25	YES
L0016302	0	0.50180E-06	439892.9	3759320.1	184.0	0.00	7.44	3.25	YES
L0016303	0	0.50180E-06	439892.8	3759304.1	184.0	0.00	7.44	3.25	YES
L0016304	0	0.50180E-06	439892.7	3759288.1	183.9	0.00	7.44	3.25	YES
L0016305	0	0.50180E-06	439892.6	3759272.1	183.7	0.00	7.44	3.25	YES
L0016306	0	0.50180E-06	439892.5	3759256.1	183.6	0.00	7.44	3.25	YES
L0016307	0	0.50180E-06	439892.5	3759240.1	183.4	0.00	7.44	3.25	YES
L0016308	0	0.50180E-06	439892.4	3759224.1	183.2	0.00	7.44	3.25	YES
L0016309	0	0.50180E-06	439892.3	3759208.1	183.0	0.00	7.44	3.25	YES
L0016310	0	0.50180E-06	439892.2	3759192.1	183.0	0.00	7.44	3.25	YES
L0016311	0	0.50180E-06	439892.1	3759176.1	183.0	0.00	7.44	3.25	YES
L0016312	0	0.50180E-06	439892.0	3759160.1	183.0	0.00	7.44	3.25	YES
L0016313	0	0.50180E-06	439891.9	3759144.1	183.0	0.00	7.44	3.25	YES
L0016314	0	0.50180E-06	439891.8	3759128.1	183.0	0.00	7.44	3.25	YES
L0016315	0	0.50180E-06	439891.7	3759112.1	183.0	0.00	7.44	3.25	YES
L0016316	0	0.50180E-06	439891.6	3759096.1	182.8	0.00	7.44	3.25	YES
L0016317	0	0.50180E-06	439891.6	3759080.1	182.7	0.00	7.44	3.25	YES
L0016318	0	0.50180E-06	439891.5	3759064.1	182.5	0.00	7.44	3.25	YES
L0016319	0	0.50180E-06	439891.4	3759048.1	182.3	0.00	7.44	3.25	YES
L0016320	0	0.50180E-06	439891.3	3759032.1	182.1	0.00	7.44	3.25	YES

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 L0016321         0   0.50180E-06  439891.2 3759016.1   182.0     0.00     7.44
3.25     YES
 L0016322         0   0.50180E-06  439891.1 3759000.1   181.8     0.00     7.44
3.25     YES
 L0016323         0   0.50180E-06  439891.0 3758984.1   181.6     0.00     7.44
3.25     YES
 L0016324         0   0.50180E-06  439890.9 3758968.1   181.4     0.00     7.44
3.25     YES
 L0016325         0   0.50180E-06  439890.8 3758952.1   181.3     0.00     7.44
3.25     YES
 L0016326         0   0.50180E-06  439890.7 3758936.1   181.1     0.00     7.44
3.25     YES
 L0016327         0   0.50180E-06  439890.7 3758920.1   181.0     0.00     7.44
3.25     YES
 L0016328         0   0.50180E-06  439890.6 3758904.1   181.0     0.00     7.44
3.25     YES
 L0016329         0   0.50180E-06  439890.5 3758888.1   181.0     0.00     7.44
3.25     YES
 L0016330         0   0.50180E-06  439890.4 3758872.1   181.0     0.00     7.44
3.25     YES
 L0016331         0   0.50180E-06  439890.3 3758856.1   181.0     0.00     7.44
3.25     YES
 L0016332         0   0.50180E-06  439890.2 3758840.1   181.0     0.00     7.44
3.25     YES
 L0016333         0   0.50180E-06  439890.1 3758824.1   181.0     0.00     7.44
3.25     YES
 L0016334         0   0.50180E-06  439890.0 3758808.1   181.0     0.00     7.44
3.25     YES
 L0016335         0   0.50180E-06  439889.9 3758792.1   181.0     0.00     7.44
3.25     YES
 L0016336         0   0.50180E-06  439889.8 3758776.1   181.0     0.00     7.44
3.25     YES
 L0016337         0   0.50180E-06  439889.7 3758760.1   181.0     0.00     7.44
3.25     YES
 L0016338         0   0.50180E-06  439889.7 3758744.1   181.0     0.00     7.44
3.25     YES
 L0016339         0   0.50180E-06  439889.6 3758728.1   180.8     0.00     7.44
3.25     YES
 L0016340         0   0.50180E-06  439889.5 3758712.1   180.7     0.00     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       16:45:11

                                  PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0016341	0	0.50180E-06	439889.4	3758696.1	180.5	0.00	7.44	3.25	YES
L0016342	0	0.50180E-06	439889.3	3758680.1	180.3	0.00	7.44	3.25	YES
L0016343	0	0.50180E-06	439889.2	3758664.1	180.1	0.00	7.44	3.25	YES
L0016344	0	0.50180E-06	439889.1	3758648.1	180.0	0.00	7.44	3.25	YES
L0016345	0	0.50180E-06	439889.0	3758632.1	180.0	0.00	7.44	3.25	YES
L0016346	0	0.50180E-06	439888.9	3758616.1	180.0	0.00	7.44	3.25	YES
L0016347	0	0.50180E-06	439888.9	3758600.1	180.0	0.00	7.44	3.25	YES
L0016348	0	0.50180E-06	439889.0	3758584.1	180.0	0.00	7.44	3.25	YES
L0016349	0	0.50180E-06	439889.2	3758568.1	180.0	0.00	7.44	3.25	YES
L0016350	0	0.50180E-06	439889.3	3758552.1	179.9	0.00	7.44	3.25	YES
L0016351	0	0.50180E-06	439889.4	3758536.1	179.8	0.00	7.44	3.25	YES
L0016352	0	0.50180E-06	439889.5	3758520.1	179.6	0.00	7.44	3.25	YES
L0016353	0	0.50180E-06	439889.6	3758504.1	179.4	0.00	7.44	3.25	YES
L0016354	0	0.50180E-06	439889.8	3758488.1	179.2	0.00	7.44	3.25	YES
L0016355	0	0.50180E-06	439889.9	3758472.1	179.1	0.00	7.44	3.25	YES
L0016356	0	0.50180E-06	439890.0	3758456.1	179.0	0.00	7.44	3.25	YES
L0016357	0	0.50180E-06	439890.1	3758440.1	179.0	0.00	7.44	3.25	YES
L0016358	0	0.50180E-06	439890.3	3758424.1	179.0	0.00	7.44	3.25	YES

L0016359	0	0.50180E-06	439890.4	3758408.1	179.0	0.00	7.44	3.25 YES
L0016360	0	0.50180E-06	439890.5	3758392.1	179.0	0.00	7.44	3.25 YES
L0016361	0	0.50180E-06	439890.6	3758376.1	179.0	0.00	7.44	3.25 YES
L0016362	0	0.50180E-06	439890.7	3758360.1	178.9	0.00	7.44	3.25 YES
L0016363	0	0.50180E-06	439890.9	3758344.1	178.7	0.00	7.44	3.25 YES
L0016364	0	0.50180E-06	439891.0	3758328.1	178.5	0.00	7.44	3.25 YES
L0016365	0	0.50180E-06	439891.1	3758312.1	178.3	0.00	7.44	3.25 YES
L0016366	0	0.50180E-06	439891.2	3758296.1	178.2	0.00	7.44	3.25 YES
L0016367	0	0.50180E-06	439891.3	3758280.1	178.0	0.00	7.44	3.25 YES
L0016368	0	0.50180E-06	439891.5	3758264.1	178.0	0.00	7.44	3.25 YES
L0016369	0	0.50180E-06	439891.6	3758248.1	178.0	0.00	7.44	3.25 YES
L0016370	0	0.50180E-06	439891.7	3758232.1	178.0	0.00	7.44	3.25 YES
L0016371	0	0.50180E-06	439891.8	3758216.1	178.0	0.00	7.44	3.25 YES
L0016372	0	0.50180E-06	439891.9	3758200.1	178.0	0.00	7.44	3.25 YES
L0016373	0	0.50180E-06	439892.1	3758184.1	178.0	0.00	7.44	3.25 YES
L0016374	0	0.50180E-06	439892.2	3758168.1	177.8	0.00	7.44	3.25 YES
L0016375	0	0.50180E-06	439892.3	3758152.1	177.6	0.00	7.44	3.25 YES
L0016376	0	0.50180E-06	439892.4	3758136.1	177.4	0.00	7.44	3.25 YES
L0016377	0	0.50180E-06	439892.5	3758120.1	177.3	0.00	7.44	3.25 YES
L0016378	0	0.50180E-06	439892.7	3758104.1	177.1	0.00	7.44	3.25 YES
L0016379	0	0.50180E-06	439892.8	3758088.1	177.0	0.00	7.44	3.25 YES
L0016380	0	0.50180E-06	439892.9	3758072.1	177.0	0.00	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0016381	0	0.50180E-06	439893.0	3758056.1	177.0	0.00	7.44	3.25	YES	
L0016382	0	0.50180E-06	439893.2	3758040.1	177.0	0.00	7.44	3.25	YES	
L0016383	0	0.50180E-06	439893.3	3758024.1	177.0	0.00	7.44	3.25	YES	
L0016384	0	0.50180E-06	439893.4	3758008.1	177.0	0.00	7.44	3.25	YES	
L0016385	0	0.50180E-06	439893.5	3757992.1	176.9	0.00	7.44	3.25	YES	
L0016386	0	0.50180E-06	439893.6	3757976.1	176.7	0.00	7.44	3.25	YES	
L0016387	0	0.50180E-06	439893.8	3757960.1	176.5	0.00	7.44	3.25	YES	
L0016388	0	0.50180E-06	439893.9	3757944.1	176.4	0.00	7.44	3.25	YES	
L0016389	0	0.50180E-06	439894.0	3757928.1	176.2	0.00	7.44	3.25	YES	
L0016390	0	0.50180E-06	439894.1	3757912.1	176.0	0.00	7.44	3.25	YES	
L0016391	0	0.50180E-06	439894.2	3757896.1	176.0	0.00	7.44	3.25	YES	
L0016392	0	0.50180E-06	439894.4	3757880.1	176.0	0.00	7.44	3.25	YES	
L0016393	0	0.50180E-06	439894.5	3757864.1	176.0	0.00	7.44	3.25	YES	
L0016394	0	0.50180E-06	439894.6	3757848.1	176.0	0.00	7.44	3.25	YES	
L0016395	0	0.50180E-06	439894.7	3757832.1	176.0	0.00	7.44	3.25	YES	
L0016396	0	0.50180E-06	439894.8	3757816.1	176.0	0.00	7.44	3.25	YES	

L0016397	0	0.50180E-06	439895.0	3757800.1	176.0	0.00	7.44
3.25	YES						
L0016398	0	0.50180E-06	439895.1	3757784.1	176.0	0.00	7.44
3.25	YES						
L0016399	0	0.50180E-06	439895.2	3757768.1	176.0	0.00	7.44
3.25	YES						
L0016400	0	0.50180E-06	439895.3	3757752.1	176.0	0.00	7.44
3.25	YES						
L0016401	0	0.50180E-06	439895.5	3757736.1	176.0	0.00	7.44
3.25	YES						
L0016402	0	0.50180E-06	439895.6	3757720.1	176.0	0.00	7.44
3.25	YES						
L0016403	0	0.50180E-06	439895.7	3757704.1	176.0	0.00	7.44
3.25	YES						
L0016404	0	0.50180E-06	439895.8	3757688.1	176.0	0.00	7.44
3.25	YES						
L0016405	0	0.50180E-06	439895.9	3757672.1	176.0	0.00	7.44
3.25	YES						
L0016406	0	0.50180E-06	439896.1	3757656.1	176.0	0.00	7.44
3.25	YES						
L0016407	0	0.50180E-06	439896.2	3757640.1	176.0	0.00	7.44
3.25	YES						
L0016408	0	0.50180E-06	439896.3	3757624.1	176.0	0.00	7.44
3.25	YES						
L0016409	0	0.50180E-06	439896.4	3757608.1	176.0	0.00	7.44
3.25	YES						
L0016410	0	0.50180E-06	439896.5	3757592.1	176.0	0.00	7.44
3.25	YES						
L0016411	0	0.50180E-06	439896.7	3757576.1	176.0	0.00	7.44
3.25	YES						
L0016412	0	0.50180E-06	439896.8	3757560.1	176.0	0.00	7.44
3.25	YES						
L0016413	0	0.50180E-06	439896.9	3757544.1	176.0	0.00	7.44
3.25	YES						
L0016414	0	0.50180E-06	439897.0	3757528.1	176.0	0.00	7.44
3.25	YES						
L0016415	0	0.50180E-06	439897.1	3757512.1	176.0	0.00	7.44
3.25	YES						
L0016416	0	0.50180E-06	439897.3	3757496.1	176.0	0.00	7.44
3.25	YES						
L0016417	0	0.50180E-06	439897.4	3757480.1	176.0	0.00	7.44
3.25	YES						
L0016418	0	0.50180E-06	439897.5	3757464.1	176.0	0.00	7.44
3.25	YES						
L0016419	0	0.50180E-06	439897.6	3757448.1	176.0	0.00	7.44
3.25	YES						
L0016420	0	0.50180E-06	439897.7	3757432.1	176.0	0.00	7.44
3.25	YES						

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0016421	0	0.50180E-06	439897.9	3757416.1	176.0	0.00	7.44	3.25	YES	
L0016422	0	0.50180E-06	439898.0	3757400.1	176.0	0.00	7.44	3.25	YES	
L0016423	0	0.50180E-06	439898.1	3757384.1	176.0	0.00	7.44	3.25	YES	
L0016424	0	0.50180E-06	439898.2	3757368.1	176.0	0.00	7.44	3.25	YES	
L0016425	0	0.50180E-06	439898.4	3757352.1	176.0	0.00	7.44	3.25	YES	
L0016426	0	0.50180E-06	439898.5	3757336.1	176.0	0.00	7.44	3.25	YES	
L0016427	0	0.50180E-06	439898.6	3757320.1	176.0	0.00	7.44	3.25	YES	
L0016428	0	0.50180E-06	439898.7	3757304.1	176.0	0.00	7.44	3.25	YES	
L0016429	0	0.50180E-06	439898.8	3757288.1	176.0	0.00	7.44	3.25	YES	
L0016430	0	0.50180E-06	439899.0	3757272.1	176.0	0.00	7.44	3.25	YES	
L0016431	0	0.50180E-06	439899.1	3757256.1	176.0	0.00	7.44	3.25	YES	
L0016432	0	0.50180E-06	439899.2	3757240.1	176.0	0.00	7.44	3.25	YES	
L0016433	0	0.50180E-06	439899.3	3757224.1	176.0	0.00	7.44	3.25	YES	
L0016434	0	0.50180E-06	439899.4	3757208.1	176.0	0.00	7.44	3.25	YES	

L0016435	0	0.50180E-06	439899.6	3757192.1	176.0	0.00	7.44
3.25	YES						
L0016436	0	0.50180E-06	439899.7	3757176.1	176.0	0.00	7.44
3.25	YES						
L0016437	0	0.50180E-06	439899.8	3757160.1	176.0	0.00	7.44
3.25	YES						
L0016438	0	0.50180E-06	439899.9	3757144.1	176.0	0.00	7.44
3.25	YES						
L0016439	0	0.50180E-06	439900.0	3757128.1	176.0	0.00	7.44
3.25	YES						
L0016440	0	0.50180E-06	439900.2	3757112.1	176.0	0.00	7.44
3.25	YES						
L0016441	0	0.50180E-06	439900.3	3757096.1	176.0	0.00	7.44
3.25	YES						
L0016442	0	0.50180E-06	439900.4	3757080.1	176.0	0.00	7.44
3.25	YES						
L0016443	0	0.50180E-06	439900.5	3757064.1	176.0	0.00	7.44
3.25	YES						
L0016444	0	0.50180E-06	439900.6	3757048.1	176.0	0.00	7.44
3.25	YES						
L0016445	0	0.50180E-06	439900.8	3757032.1	176.0	0.00	7.44
3.25	YES						
L0016446	0	0.50180E-06	439900.9	3757016.1	176.0	0.00	7.44
3.25	YES						
L0016447	0	0.50180E-06	439901.0	3757000.1	176.0	0.00	7.44
3.25	YES						
L0016448	0	0.50180E-06	439901.1	3756984.1	176.0	0.00	7.44
3.25	YES						
L0016449	0	0.50180E-06	439898.6	3756968.3	176.0	0.00	7.44
3.25	YES						
L0016450	0	0.50180E-06	439895.8	3756952.6	176.0	0.00	7.44
3.25	YES						
L0016451	0	0.50180E-06	439893.1	3756936.8	176.0	0.00	7.44
3.25	YES						
L0016452	0	0.50180E-06	439890.3	3756921.1	176.0	0.00	7.44
3.25	YES						
L0016453	0	0.50180E-06	439887.5	3756905.3	176.0	0.00	7.44
3.25	YES						
L0016454	0	0.50180E-06	439884.7	3756889.6	176.0	0.00	7.44
3.25	YES						
L0016455	0	0.50180E-06	439881.9	3756873.8	176.0	0.00	7.44
3.25	YES						
L0016456	0	0.50180E-06	439879.1	3756858.1	176.0	0.00	7.44
3.25	YES						
L0016457	0	0.50180E-06	439876.3	3756842.3	176.0	0.00	7.44
3.25	YES						
L0016458	0	0.50180E-06	439873.5	3756826.6	176.0	0.00	7.44
3.25	YES						

 L0016459   0   0.50180E-06 439870.7 3756810.8   176.0   0.00   7.44
3.25   YES
 L0016460   0   0.50180E-06 439867.9 3756795.1   176.0   0.00   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0016461   0   0.50180E-06 439865.1 3756779.3   176.0   0.00   7.44
3.25   YES
 L0016462   0   0.50180E-06 439862.3 3756763.5   176.0   0.00   7.44
3.25   YES
 L0016463   0   0.50180E-06 439859.5 3756747.8   176.0   0.00   7.44
3.25   YES
 L0016464   0   0.50180E-06 439856.7 3756732.0   176.0   0.00   7.44
3.25   YES
 L0016465   0   0.50180E-06 439853.9 3756716.3   176.0   0.00   7.44
3.25   YES
 L0016466   0   0.50180E-06 439851.1 3756700.5   176.0   0.00   7.44
3.25   YES
 L0016467   0   0.50180E-06 439848.3 3756684.8   176.0   0.00   7.44
3.25   YES
 L0016468   0   0.50180E-06 439845.0 3756669.2   176.0   0.00   7.44
3.25   YES
 L0016469   0   0.50180E-06 439840.1 3756653.9   176.0   0.00   7.44
3.25   YES
 L0016470   0   0.50180E-06 439835.2 3756638.7   176.0   0.00   7.44
3.25   YES
 L0016471   0   0.50180E-06 439830.3 3756623.5   176.0   0.00   7.44
3.25   YES
 L0016472   0   0.50180E-06 439825.3 3756608.2   176.0   0.00   7.44
3.25   YES

L0016473	0	0.50180E-06	439820.4	3756593.0	176.0	0.00	7.44	3.25 YES
L0016474	0	0.50180E-06	439815.5	3756577.8	176.0	0.00	7.44	3.25 YES
L0016475	0	0.50180E-06	439810.6	3756562.6	176.0	0.00	7.44	3.25 YES
L0016476	0	0.50180E-06	439805.7	3756547.3	176.0	0.00	7.44	3.25 YES
L0016477	0	0.50180E-06	439800.8	3756532.1	176.0	0.00	7.44	3.25 YES
L0016478	0	0.50180E-06	439795.9	3756516.9	176.0	0.00	7.44	3.25 YES
L0016479	0	0.50180E-06	439791.0	3756501.6	176.0	0.00	7.44	3.25 YES
L0016480	0	0.50180E-06	439786.1	3756486.4	176.0	0.00	7.44	3.25 YES
L0016481	0	0.50180E-06	439781.2	3756471.2	176.0	0.00	7.44	3.25 YES
L0016482	0	0.50180E-06	439776.2	3756456.0	176.1	0.00	7.44	3.25 YES
L0016483	0	0.50180E-06	439771.3	3756440.7	176.1	0.00	7.44	3.25 YES
L0016484	0	0.50180E-06	439766.4	3756425.5	176.2	0.00	7.44	3.25 YES
L0016485	0	0.50180E-06	439761.5	3756410.3	176.3	0.00	7.44	3.25 YES
L0016486	0	0.50180E-06	439756.6	3756395.1	176.3	0.00	7.44	3.25 YES
L0016487	0	0.50180E-06	439751.7	3756379.8	176.4	0.00	7.44	3.25 YES
L0016488	0	0.50180E-06	439746.8	3756364.6	176.5	0.00	7.44	3.25 YES
L0016489	0	0.50180E-06	439741.9	3756349.4	176.5	0.00	7.44	3.25 YES
L0016490	0	0.50180E-06	439737.0	3756334.1	176.6	0.00	7.44	3.25 YES
L0016491	0	0.50180E-06	439732.0	3756318.9	176.6	0.00	7.44	3.25 YES
L0016492	0	0.50180E-06	439727.1	3756303.7	176.7	0.00	7.44	3.25 YES
L0016493	0	0.50180E-06	439722.2	3756288.5	176.8	0.00	7.44	3.25 YES
L0016494	0	0.50180E-06	439717.3	3756273.2	176.8	0.00	7.44	3.25 YES
L0016495	0	0.50180E-06	439712.4	3756258.0	176.9	0.00	7.44	3.25 YES
L0016496	0	0.50180E-06	439707.5	3756242.8	177.0	0.00	7.44	3.25 YES

```
 L0016497         0   0.50180E-06  439702.6 3756227.6   177.0     0.00     7.44
3.25     YES
 L0016498         0   0.50180E-06  439697.7 3756212.3   177.0     0.00     7.44
3.25     YES
 L0016499         0   0.50180E-06  439692.8 3756197.1   177.0     0.00     7.44
3.25     YES
 L0016500         0   0.50180E-06  439687.8 3756181.9   177.0     0.00     7.44
3.25     YES
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0016501	0	0.50180E-06	439682.9	3756166.6	177.0	0.00	7.44	3.25	YES	
L0016502	0	0.50180E-06	439678.0	3756151.4	177.0	0.00	7.44	3.25	YES	
L0016503	0	0.50180E-06	439672.8	3756136.3	177.0	0.00	7.44	3.25	YES	
L0016504	0	0.50180E-06	439667.6	3756121.2	177.0	0.00	7.44	3.25	YES	
L0016505	0	0.50180E-06	439662.3	3756106.1	177.0	0.00	7.44	3.25	YES	
L0016506	0	0.50180E-06	439657.1	3756090.9	177.0	0.00	7.44	3.25	YES	
L0016507	0	0.50180E-06	439651.8	3756075.8	177.0	0.00	7.44	3.25	YES	
L0016508	0	0.50180E-06	439646.6	3756060.7	177.0	0.00	7.44	3.25	YES	
L0016509	0	0.50180E-06	439641.5	3756045.5	177.0	0.00	7.44	3.25	YES	
L0016510	0	0.50180E-06	439636.6	3756030.3	177.0	0.00	7.44	3.25	YES	

L0016511	0	0.50180E-06	439631.8	3756015.1	177.0	0.00	7.44	3.25 YES
L0016512	0	0.50180E-06	439626.9	3755999.8	177.0	0.00	7.44	3.25 YES
L0016513	0	0.50180E-06	439622.1	3755984.6	177.0	0.00	7.44	3.25 YES
L0016514	0	0.50180E-06	439617.2	3755969.3	177.1	0.00	7.44	3.25 YES
L0016515	0	0.50180E-06	439612.4	3755954.1	177.2	0.00	7.44	3.25 YES
L0016516	0	0.50180E-06	439607.5	3755938.8	177.2	0.00	7.44	3.25 YES
L0016517	0	0.50180E-06	439602.7	3755923.6	177.3	0.00	7.44	3.25 YES
L0016518	0	0.50180E-06	439597.8	3755908.3	177.4	0.00	7.44	3.25 YES
L0016519	0	0.50180E-06	439592.9	3755893.1	177.4	0.00	7.44	3.25 YES
L0016520	0	0.50180E-06	439588.1	3755877.8	177.5	0.00	7.44	3.25 YES
L0016521	0	0.50180E-06	439583.2	3755862.6	177.5	0.00	7.44	3.25 YES
L0016522	0	0.50180E-06	439578.4	3755847.3	177.6	0.00	7.44	3.25 YES
L0016523	0	0.50180E-06	439573.5	3755832.1	177.7	0.00	7.44	3.25 YES
L0016524	0	0.50180E-06	439568.7	3755816.8	177.7	0.00	7.44	3.25 YES
L0016525	0	0.50180E-06	439563.8	3755801.6	177.8	0.00	7.44	3.25 YES
L0016526	0	0.50180E-06	439559.0	3755786.4	177.8	0.00	7.44	3.25 YES
L0016527	0	0.50180E-06	439554.1	3755771.1	177.9	0.00	7.44	3.25 YES
L0016528	0	0.50180E-06	439549.3	3755755.9	178.0	0.00	7.44	3.25 YES
L0016529	0	0.50180E-06	439544.4	3755740.6	178.0	0.00	7.44	3.25 YES
L0016530	0	0.50180E-06	439539.6	3755725.4	178.0	0.00	7.44	3.25 YES
L0016531	0	0.50180E-06	439534.7	3755710.1	178.0	0.00	7.44	3.25 YES
L0016532	0	0.50180E-06	439529.9	3755694.9	178.0	0.00	7.44	3.25 YES
L0016533	0	0.50180E-06	439525.0	3755679.6	178.0	0.00	7.44	3.25 YES
L0016534	0	0.50180E-06	439520.2	3755664.4	178.0	0.00	7.44	3.25 YES

```
 L0016535         0   0.50180E-06  439515.3 3755649.1   178.0     0.00     7.44
3.25     YES
 L0016536         0   0.50180E-06  439510.5 3755633.9   178.0     0.00     7.44
3.25     YES
 L0016537         0   0.50180E-06  439505.6 3755618.6   178.0     0.00     7.44
3.25     YES
 L0016538         0   0.50180E-06  439500.8 3755603.4   178.0     0.00     7.44
3.25     YES
 L0016539         0   0.50180E-06  439495.9 3755588.1   178.0     0.00     7.44
3.25     YES
 L0016540         0   0.50180E-06  439491.1 3755572.9   178.0     0.00     7.44
3.25     YES
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0016541         0   0.50180E-06  439486.2 3755557.7   178.0     0.00     7.44
3.25     YES
 L0016542         0   0.50180E-06  439481.4 3755542.4   178.0     0.00     7.44
3.25     YES
 L0016543         0   0.50180E-06  439476.5 3755527.2   178.0     0.00     7.44
3.25     YES
 L0016544         0   0.50180E-06  439471.7 3755511.9   178.0     0.00     7.44
3.25     YES
 L0016545         0   0.50180E-06  439466.8 3755496.7   178.0     0.00     7.44
3.25     YES
 L0016546         0   0.50180E-06  439462.0 3755481.4   178.0     0.00     7.44
3.25     YES
 L0016547         0   0.50180E-06  439457.1 3755466.2   178.0     0.00     7.44
3.25     YES
 L0016548         0   0.50180E-06  439452.2 3755450.9   178.0     0.00     7.44
3.25     YES
```

L0016549	0	0.50180E-06	439447.4	3755435.7	178.0	0.00	7.44	3.25 YES
L0016550	0	0.50180E-06	439442.5	3755420.4	178.0	0.00	7.44	3.25 YES
L0016551	0	0.50180E-06	439437.7	3755405.2	178.0	0.00	7.44	3.25 YES
L0016552	0	0.50180E-06	439432.8	3755389.9	178.0	0.00	7.44	3.25 YES
L0016553	0	0.50180E-06	439428.0	3755374.7	178.0	0.00	7.44	3.25 YES
L0016554	0	0.50180E-06	439423.1	3755359.4	178.0	0.00	7.44	3.25 YES
L0016555	0	0.50180E-06	439418.3	3755344.2	178.0	0.00	7.44	3.25 YES
L0016556	0	0.50180E-06	439413.4	3755329.0	178.0	0.00	7.44	3.25 YES
L0016557	0	0.50180E-06	439408.6	3755313.7	178.0	0.00	7.44	3.25 YES
L0016558	0	0.50180E-06	439403.7	3755298.5	178.0	0.00	7.44	3.25 YES
L0016559	0	0.50180E-06	439398.9	3755283.2	178.0	0.00	7.44	3.25 YES
L0016560	0	0.50180E-06	439394.0	3755268.0	178.0	0.00	7.44	3.25 YES
L0016561	0	0.50180E-06	439389.2	3755252.7	178.0	0.00	7.44	3.25 YES
L0016562	0	0.50180E-06	439384.3	3755237.5	178.1	0.00	7.44	3.25 YES
L0016563	0	0.50180E-06	439379.5	3755222.2	178.1	0.00	7.44	3.25 YES
L0016564	0	0.50180E-06	439374.6	3755207.0	178.2	0.00	7.44	3.25 YES
L0016565	0	0.50180E-06	439369.8	3755191.7	178.2	0.00	7.44	3.25 YES
L0016566	0	0.50180E-06	439364.9	3755176.5	178.3	0.00	7.44	3.25 YES
L0016567	0	0.50180E-06	439360.1	3755161.2	178.4	0.00	7.44	3.25 YES
L0016568	0	0.50180E-06	439355.2	3755146.0	178.4	0.00	7.44	3.25 YES
L0016569	0	0.50180E-06	439350.1	3755130.8	178.5	0.00	7.44	3.25 YES
L0016570	0	0.50180E-06	439344.9	3755115.7	178.6	0.00	7.44	3.25 YES
L0016571	0	0.50180E-06	439339.7	3755100.6	178.6	0.00	7.44	3.25 YES
L0016572	0	0.50180E-06	439334.5	3755085.4	178.7	0.00	7.44	3.25 YES

```
 L0016573         0   0.50180E-06  439329.3 3755070.3   178.8     0.00     7.44
3.25     YES
 L0016574         0   0.50180E-06  439324.1 3755055.2   178.8     0.00     7.44
3.25     YES
 L0016575         0   0.50180E-06  439318.8 3755040.1   178.9     0.00     7.44
3.25     YES
 L0016576         0   0.50180E-06  439313.6 3755024.9   179.0     0.00     7.44
3.25     YES
 L0016577         0   0.50180E-06  439308.4 3755009.8   179.0     0.00     7.44
3.25     YES
 L0016578         0   0.50180E-06  439303.2 3754994.7   179.0     0.00     7.44
3.25     YES
 L0016579         0   0.50180E-06  439298.0 3754979.6   179.0     0.00     7.44
3.25     YES
 L0016580         0   0.50180E-06  439292.7 3754964.4   179.0     0.00     7.44
3.25     YES
```



```
                                                    *** VOLUME SOURCE DATA ***

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

 L0016581         0   0.50180E-06  439287.5 3754949.3   179.0     0.00     7.44
3.25     YES
 L0016582         0   0.50180E-06  439282.3 3754934.2   179.0     0.00     7.44
3.25     YES
 L0016583         0   0.50180E-06  439277.1 3754919.1   179.0     0.00     7.44
3.25     YES
 L0016584         0   0.50180E-06  439269.2 3754905.4   179.0     0.00     7.44
3.25     YES
 L0016585         0   0.50180E-06  439259.2 3754892.9   179.0     0.00     7.44
3.25     YES
 L0016586         0   0.50180E-06  439249.3 3754880.3   179.0     0.00     7.44
3.25     YES
```

L0016587	0	0.50180E-06	439239.4	3754867.7	179.0	0.00	7.44	3.25 YES
L0016588	0	0.50180E-06	439229.5	3754855.2	179.0	0.00	7.44	3.25 YES
L0016589	0	0.50180E-06	439219.6	3754842.6	179.0	0.00	7.44	3.25 YES
L0016590	0	0.50180E-06	439209.7	3754830.1	179.1	0.00	7.44	3.25 YES
L0016591	0	0.50180E-06	439199.8	3754817.5	179.2	0.00	7.44	3.25 YES
L0016592	0	0.50180E-06	439189.9	3754804.9	179.4	0.00	7.44	3.25 YES
L0016593	0	0.50180E-06	439180.0	3754792.4	179.6	0.00	7.44	3.25 YES
L0016594	0	0.50180E-06	439170.0	3754779.8	179.8	0.00	7.44	3.25 YES
L0016595	0	0.50180E-06	439160.1	3754767.3	179.9	0.00	7.44	3.25 YES
L0016596	0	0.50180E-06	439150.2	3754754.7	180.1	0.00	7.44	3.25 YES
L0016597	0	0.50180E-06	439140.3	3754742.1	180.2	0.00	7.44	3.25 YES
L0016598	0	0.50180E-06	439130.4	3754729.6	180.3	0.00	7.44	3.25 YES
L0016599	0	0.50180E-06	439120.5	3754717.0	180.5	0.00	7.44	3.25 YES
L0016600	0	0.50180E-06	439110.6	3754704.5	180.6	0.00	7.44	3.25 YES
L0016601	0	0.50180E-06	439100.7	3754691.9	180.7	0.00	7.44	3.25 YES
L0016602	0	0.50180E-06	439090.8	3754679.3	180.8	0.00	7.44	3.25 YES
L0016603	0	0.10360E-05	441969.0	3760464.9	198.1	3.49	10.23	3.25 YES
L0016604	0	0.10360E-05	441947.0	3760464.9	197.4	3.49	10.23	3.25 YES
L0016605	0	0.10360E-05	441925.0	3760464.9	196.8	3.49	10.23	3.25 YES
L0016606	0	0.10360E-05	441903.0	3760464.9	196.2	3.49	10.23	3.25 YES
L0016607	0	0.10360E-05	441881.0	3760464.9	195.8	3.49	10.23	3.25 YES
L0016608	0	0.10360E-05	441859.0	3760464.9	195.8	3.49	10.23	3.25 YES
L0016609	0	0.10360E-05	441837.0	3760464.9	195.8	3.49	10.23	3.25 YES
L0016610	0	0.10360E-05	441815.0	3760464.9	195.8	3.49	10.23	3.25 YES

```
 L0016611         0   0.10360E-05  441793.0 3760464.9   195.6     3.49    10.23
3.25     YES
 L0016612         0   0.10360E-05  441771.0 3760464.9   195.4     3.49    10.23
3.25     YES
 L0016613         0   0.10360E-05  441749.0 3760464.9   195.2     3.49    10.23
3.25     YES
 L0016614         0   0.10360E-05  441727.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016615         0   0.10360E-05  441705.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016616         0   0.10360E-05  441683.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016617         0   0.10360E-05  441661.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016618         0   0.10360E-05  441639.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016619         0   0.10360E-05  441617.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016620         0   0.10360E-05  441595.0 3760464.9   195.0     3.49    10.23
3.25     YES
```



```
                                                    *** VOLUME SOURCE DATA ***

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

 L0016621         0   0.10360E-05  441573.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016622         0   0.10360E-05  441551.0 3760464.9   194.9     3.49    10.23
3.25     YES
 L0016623         0   0.10360E-05  441529.0 3760464.9   194.8     3.49    10.23
3.25     YES
 L0016624         0   0.10360E-05  441507.0 3760464.9   194.8     3.49    10.23
3.25     YES
```

L0016625	0	0.10360E-05	441485.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016626	0	0.10360E-05	441463.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016627	0	0.10360E-05	441441.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016628	0	0.10360E-05	441419.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016629	0	0.10360E-05	441397.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016630	0	0.10360E-05	441375.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016631	0	0.10360E-05	441353.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016632	0	0.10360E-05	441331.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016633	0	0.10360E-05	441309.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016634	0	0.10360E-05	441287.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016635	0	0.10360E-05	441265.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016636	0	0.10360E-05	441243.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016637	0	0.10360E-05	441221.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016638	0	0.10360E-05	441199.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016639	0	0.10360E-05	441177.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016640	0	0.10360E-05	441155.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016641	0	0.10360E-05	441133.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016642	0	0.10360E-05	441111.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016643	0	0.10360E-05	441089.0	3760464.9	194.8	3.49	10.23	3.25 YES
L0016644	0	0.10360E-05	441067.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0016645	0	0.10360E-05	441045.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0016646	0	0.10360E-05	441023.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0016647	0	0.10360E-05	441001.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0016648	0	0.10360E-05	440979.0	3760464.9	194.8	3.49	10.23	3.25 YES

```
 L0016649         0   0.10360E-05  440957.0 3760464.9   194.7     3.49    10.23
3.25     YES
 L0016650         0   0.10360E-05  440935.0 3760464.9   194.8     3.49    10.23
3.25     YES
 L0016651         0   0.10360E-05  440913.0 3760464.9   194.9     3.49    10.23
3.25     YES
 L0016652         0   0.10360E-05  440891.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016653         0   0.10360E-05  440869.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016654         0   0.10360E-05  440847.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016655         0   0.10360E-05  440825.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016656         0   0.10360E-05  440803.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016657         0   0.10360E-05  440781.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016658         0   0.10360E-05  440759.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016659         0   0.10360E-05  440737.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016660         0   0.10360E-05  440715.0 3760464.9   195.0     3.49    10.23
3.25     YES
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0016661         0   0.10360E-05  440693.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0016662         0   0.10360E-05  440671.0 3760464.9   195.0     3.49    10.23
3.25     YES
```

L0016663	0	0.10360E-05	440649.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0016664	0	0.10360E-05	440627.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0016665	0	0.10360E-05	440605.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0016666	0	0.10360E-05	440583.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0016667	0	0.10360E-05	440561.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0016668	0	0.10360E-05	440539.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0016669	0	0.10360E-05	440517.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0016670	0	0.10360E-05	440495.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0016671	0	0.10360E-05	440473.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0016672	0	0.10360E-05	440451.0	3760464.9	194.8	3.49	10.23	3.25 YES
L0016673	0	0.10360E-05	440429.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0016674	0	0.10360E-05	440407.0	3760464.9	194.5	3.49	10.23	3.25 YES
L0016675	0	0.10360E-05	440385.0	3760464.9	194.2	3.49	10.23	3.25 YES
L0016676	0	0.10360E-05	440363.0	3760464.9	193.9	3.49	10.23	3.25 YES
L0016677	0	0.10360E-05	440341.0	3760464.9	193.6	3.49	10.23	3.25 YES
L0016678	0	0.10360E-05	440319.0	3760464.9	193.3	3.49	10.23	3.25 YES
L0016679	0	0.10360E-05	440297.0	3760464.9	193.0	3.49	10.23	3.25 YES
L0016680	0	0.10360E-05	440275.0	3760464.9	192.7	3.49	10.23	3.25 YES
L0016681	0	0.10360E-05	440253.0	3760464.9	192.7	3.49	10.23	3.25 YES
L0016682	0	0.10360E-05	440231.0	3760464.9	192.7	3.49	10.23	3.25 YES
L0016683	0	0.10360E-05	440209.0	3760464.9	192.7	3.49	10.23	3.25 YES
L0016684	0	0.10360E-05	440187.0	3760464.9	192.6	3.49	10.23	3.25 YES
L0016685	0	0.10360E-05	440165.0	3760464.9	192.3	3.49	10.23	3.25 YES
L0016686	0	0.10360E-05	440143.0	3760464.9	192.0	3.49	10.23	3.25 YES

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 L0016687         0   0.10360E-05  440121.0 3760464.9   191.7     3.49    10.23
3.25     YES
 L0016688         0   0.10360E-05  440099.0 3760464.9   191.7     3.49    10.23
3.25     YES
 L0016689         0   0.10360E-05  440077.0 3760464.9   191.7     3.49    10.23
3.25     YES
 L0016690         0   0.10360E-05  440055.0 3760464.9   191.6     3.49    10.23
3.25     YES
 L0016691         0   0.10360E-05  440033.0 3760464.9   191.6     3.49    10.23
3.25     YES
 L0016692         0   0.10360E-05  440011.0 3760464.9   191.3     3.49    10.23
3.25     YES
 L0016693         0   0.10360E-05  439989.0 3760464.9   191.0     3.49    10.23
3.25     YES
 L0016694         0   0.10360E-05  439967.0 3760464.9   190.7     3.49    10.23
3.25     YES
 L0016695         0   0.10360E-05  439945.0 3760464.9   190.4     3.49    10.23
3.25     YES
 L0016696         0   0.10360E-05  439923.0 3760464.9   190.1     3.49    10.23
3.25     YES
 L0016697         0   0.10360E-05  439901.0 3760464.9   189.9     3.49    10.23
3.25     YES
 L0016698         0   0.10360E-05  439892.9 3760478.8   189.9     3.49    10.23
3.25     YES
 L0016699         0   0.10360E-05  439893.0 3760500.8   190.1     3.49    10.23
3.25     YES
 L0016700         0   0.10360E-05  439893.2 3760522.8   190.4     3.49    10.23
3.25     YES
↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                 ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:45:11

                                  PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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L0016701	0	0.10360E-05	439893.3	3760544.8	190.6	3.49	10.23	3.25 YES
L0016702	0	0.10360E-05	439893.4	3760566.8	190.8	3.49	10.23	3.25 YES
L0016703	0	0.10360E-05	439893.5	3760588.8	191.1	3.49	10.23	3.25 YES
L0016704	0	0.10360E-05	439893.6	3760610.8	191.3	3.49	10.23	3.25 YES
L0016705	0	0.10360E-05	439893.8	3760632.8	191.6	3.49	10.23	3.25 YES
L0016706	0	0.10360E-05	439893.9	3760654.8	191.8	3.49	10.23	3.25 YES
L0016707	0	0.10360E-05	439894.0	3760676.8	192.0	3.49	10.23	3.25 YES
L0016708	0	0.10360E-05	439894.1	3760698.8	192.4	3.49	10.23	3.25 YES
L0016709	0	0.10360E-05	439894.2	3760720.8	192.9	3.49	10.23	3.25 YES
L0016710	0	0.10360E-05	439894.3	3760742.8	193.3	3.49	10.23	3.25 YES
L0016711	0	0.10360E-05	439894.5	3760764.8	193.8	3.49	10.23	3.25 YES
L0016712	0	0.10360E-05	439894.6	3760786.8	194.1	3.49	10.23	3.25 YES
L0016713	0	0.10360E-05	439894.7	3760808.8	194.3	3.49	10.23	3.25 YES
L0016714	0	0.10360E-05	439894.8	3760830.8	194.5	3.49	10.23	3.25 YES
L0016715	0	0.10360E-05	439894.9	3760852.8	194.7	3.49	10.23	3.25 YES
L0016716	0	0.10360E-05	439895.1	3760874.8	195.0	3.49	10.23	3.25 YES
L0016717	0	0.10360E-05	439895.2	3760896.8	195.2	3.49	10.23	3.25 YES
L0016718	0	0.10360E-05	439895.3	3760918.8	195.5	3.49	10.23	3.25 YES
L0016719	0	0.10360E-05	439895.4	3760940.8	195.8	3.49	10.23	3.25 YES
L0016720	0	0.10360E-05	439895.5	3760962.8	196.0	3.49	10.23	3.25 YES
L0016721	0	0.10360E-05	439895.7	3760984.8	196.3	3.49	10.23	3.25 YES
L0016722	0	0.10360E-05	439895.8	3761006.8	196.5	3.49	10.23	3.25 YES
L0016723	0	0.10360E-05	439895.9	3761028.8	196.7	3.49	10.23	3.25 YES
L0016724	0	0.10360E-05	439896.0	3761050.8	197.0	3.49	10.23	3.25 YES

L0016725	0	0.10360E-05	439896.1	3761072.8	197.2	3.49	10.23	3.25 YES
L0016726	0	0.10360E-05	439896.3	3761094.8	197.5	3.49	10.23	3.25 YES
L0016727	0	0.10360E-05	439896.4	3761116.8	197.7	3.49	10.23	3.25 YES
L0016728	0	0.10360E-05	439896.5	3761138.8	197.9	3.49	10.23	3.25 YES
L0016729	0	0.10360E-05	439896.6	3761160.8	198.2	3.49	10.23	3.25 YES
L0016730	0	0.10360E-05	439896.7	3761182.8	198.4	3.49	10.23	3.25 YES
L0016731	0	0.10360E-05	439896.8	3761204.7	198.6	3.49	10.23	3.25 YES
L0016732	0	0.10360E-05	439897.0	3761226.7	198.9	3.49	10.23	3.25 YES
L0016733	0	0.10360E-05	439897.1	3761248.7	199.2	3.49	10.23	3.25 YES
L0016734	0	0.10360E-05	439897.2	3761270.7	199.7	3.49	10.23	3.25 YES
L0016735	0	0.10360E-05	439897.3	3761292.7	200.1	3.49	10.23	3.25 YES
L0016736	0	0.10360E-05	439897.4	3761314.7	200.6	3.49	10.23	3.25 YES
L0016737	0	0.10360E-05	439897.6	3761336.7	201.0	3.49	10.23	3.25 YES
L0016738	0	0.10360E-05	439897.7	3761358.7	201.2	3.49	10.23	3.25 YES
L0016739	0	0.10360E-05	439897.8	3761380.7	201.5	3.49	10.23	3.25 YES
L0016740	0	0.10360E-05	439897.9	3761402.7	201.8	3.49	10.23	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

(METERS) BY

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L0016763	0	0.10360E-05	439900.7	3761908.7	209.5	3.49	10.23	3.25 YES
L0016764	0	0.10360E-05	439900.8	3761930.7	210.0	3.49	10.23	3.25 YES
L0016765	0	0.10360E-05	439900.9	3761952.7	210.5	3.49	10.23	3.25 YES
L0016766	0	0.10360E-05	439901.0	3761974.7	211.0	3.49	10.23	3.25 YES
L0016767	0	0.10360E-05	439901.1	3761996.7	211.2	3.49	10.23	3.25 YES
L0016768	0	0.10360E-05	439901.3	3762018.7	211.5	3.49	10.23	3.25 YES
L0016769	0	0.10360E-05	439901.4	3762040.7	211.7	3.49	10.23	3.25 YES
L0016770	0	0.10360E-05	439901.5	3762062.7	211.9	3.49	10.23	3.25 YES
L0016771	0	0.10360E-05	439901.6	3762084.7	212.3	3.49	10.23	3.25 YES
L0016772	0	0.10360E-05	439901.7	3762106.7	212.8	3.49	10.23	3.25 YES
L0016773	0	0.10360E-05	439901.9	3762128.7	213.2	3.49	10.23	3.25 YES
L0016774	0	0.10360E-05	439902.0	3762150.7	213.7	3.49	10.23	3.25 YES
L0016775	0	0.10360E-05	439902.1	3762172.7	214.0	3.49	10.23	3.25 YES
L0016776	0	0.10360E-05	439902.2	3762194.7	214.3	3.49	10.23	3.25 YES
L0016777	0	0.10360E-05	439902.3	3762216.7	214.6	3.49	10.23	3.25 YES
L0016778	0	0.10360E-05	439902.5	3762238.7	214.8	3.49	10.23	3.25 YES
L0016779	0	0.10360E-05	439902.6	3762260.7	215.1	3.49	10.23	3.25 YES
L0016780	0	0.10360E-05	439902.7	3762282.7	215.3	3.49	10.23	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE BASE RELEASE INIT.

INIT. SOURCE ID	URBAN SOURCE SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE VARY BY
L0016781	0	0.10360E-05	439902.8	3762304.7	215.5	3.49	10.23	3.25	YES
L0016782	0	0.10360E-05	439902.9	3762326.7	215.8	3.49	10.23	3.25	YES
L0016783	0	0.10360E-05	439903.1	3762348.7	215.9	3.49	10.23	3.25	YES
L0016784	0	0.10360E-05	439903.2	3762370.7	215.2	3.49	10.23	3.25	YES
L0016785	0	0.10360E-05	439903.3	3762392.7	214.4	3.49	10.23	3.25	YES
L0016786	0	0.10360E-05	439903.4	3762414.7	213.7	3.49	10.23	3.25	YES
L0016787	0	0.10360E-05	439903.5	3762436.7	212.9	3.49	10.23	3.25	YES
L0016788	0	0.10360E-05	439903.6	3762458.7	212.4	3.49	10.23	3.25	YES
L0016789	0	0.10360E-05	439903.8	3762480.7	212.0	3.49	10.23	3.25	YES
L0016790	0	0.10360E-05	439903.9	3762502.7	211.5	3.49	10.23	3.25	YES
L0016791	0	0.10360E-05	439904.0	3762524.7	211.1	3.49	10.23	3.25	YES
L0016792	0	0.10360E-05	439904.1	3762546.7	211.6	3.49	10.23	3.25	YES
L0016793	0	0.10360E-05	439904.2	3762568.7	212.5	3.49	10.23	3.25	YES
L0016794	0	0.10360E-05	439904.4	3762590.7	213.5	3.49	10.23	3.25	YES
L0016795	0	0.10360E-05	439904.5	3762612.7	214.4	3.49	10.23	3.25	YES
L0016796	0	0.10360E-05	439904.6	3762634.7	215.0	3.49	10.23	3.25	YES
L0016797	0	0.10360E-05	439904.7	3762656.7	215.3	3.49	10.23	3.25	YES
L0016798	0	0.10360E-05	439904.8	3762678.7	215.6	3.49	10.23	3.25	YES
L0016799	0	0.10360E-05	439905.0	3762700.7	215.8	3.49	10.23	3.25	YES
L0016800	0	0.10360E-05	439905.1	3762722.7	216.3	3.49	10.23	3.25	YES

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 L0016801         0   0.10360E-05  439905.2 3762744.7   217.3     3.49    10.23
3.25     YES
 L0016802         0   0.10360E-05  439905.3 3762766.7   218.3     3.49    10.23
3.25     YES
 L0016803         0   0.10360E-05  439905.4 3762788.7   219.2     3.49    10.23
3.25     YES
 L0016804         0   0.10360E-05  439905.6 3762810.7   220.1     3.49    10.23
3.25     YES
 L0016805         0   0.10360E-05  439905.7 3762832.7   219.3     3.49    10.23
3.25     YES
 L0016806         0   0.10360E-05  439905.8 3762854.7   218.6     3.49    10.23
3.25     YES
 L0016807         0   0.10360E-05  439905.9 3762876.7   217.8     3.49    10.23
3.25     YES
 L0016808         0   0.10360E-05  439906.0 3762898.7   217.1     3.49    10.23
3.25     YES
 L0016809         0   0.10360E-05  439906.2 3762920.7   217.0     3.49    10.23
3.25     YES
 L0016810         0   0.10360E-05  439906.3 3762942.7   217.0     3.49    10.23
3.25     YES
 L0016811         0   0.10360E-05  439906.4 3762964.7   217.1     3.49    10.23
3.25     YES
 L0016812         0   0.10360E-05  439906.5 3762986.7   217.1     3.49    10.23
3.25     YES
 L0016813         0   0.10360E-05  439906.6 3763008.7   217.4     3.49    10.23
3.25     YES
 L0016814         0   0.10360E-05  439906.7 3763030.7   217.9     3.49    10.23
3.25     YES
 L0016815         0   0.10360E-05  439906.9 3763052.7   218.3     3.49    10.23
3.25     YES
 L0016816         0   0.10360E-05  439907.0 3763074.7   218.8     3.49    10.23
3.25     YES
 L0016817         0   0.10360E-05  439907.1 3763096.7   219.2     3.49    10.23
3.25     YES
 L0016818         0   0.10360E-05  439907.2 3763118.7   219.7     3.49    10.23
3.25     YES
 L0016819         0   0.10360E-05  439907.3 3763140.7   220.1     3.49    10.23
3.25     YES
 L0016820         0   0.10360E-05  439907.5 3763162.7   220.6     3.49    10.23
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                          ***       16:45:11

                                    PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY
L0016821	0	0.10360E-05	439907.6	3763184.7	220.9	3.49	10.23	3.25	YES
L0016822	0	0.10360E-05	439907.7	3763206.7	220.9	3.49	10.23	3.25	YES
L0016823	0	0.10360E-05	439907.8	3763228.7	220.9	3.49	10.23	3.25	YES
L0016824	0	0.10360E-05	439907.9	3763250.7	220.9	3.49	10.23	3.25	YES
L0016825	0	0.10360E-05	439908.1	3763272.7	221.0	3.49	10.23	3.25	YES
L0016826	0	0.10360E-05	439908.2	3763294.7	221.7	3.49	10.23	3.25	YES
L0016827	0	0.10360E-05	439908.3	3763316.7	222.5	3.49	10.23	3.25	YES
L0016828	0	0.10360E-05	439908.4	3763338.7	223.2	3.49	10.23	3.25	YES
L0016829	0	0.10360E-05	439908.5	3763360.7	223.9	3.49	10.23	3.25	YES
L0016830	0	0.10360E-05	439908.7	3763382.7	223.2	3.49	10.23	3.25	YES
L0016831	0	0.10360E-05	439908.8	3763404.7	222.2	3.49	10.23	3.25	YES
L0016832	0	0.10360E-05	439908.9	3763426.7	221.3	3.49	10.23	3.25	YES
L0016833	0	0.10360E-05	439909.0	3763448.7	220.4	3.49	10.23	3.25	YES
L0016834	0	0.10360E-05	439909.1	3763470.7	220.6	3.49	10.23	3.25	YES
L0016835	0	0.10360E-05	439909.3	3763492.7	221.3	3.49	10.23	3.25	YES
L0016836	0	0.10360E-05	439909.4	3763514.7	222.0	3.49	10.23	3.25	YES
L0016837	0	0.10360E-05	439909.5	3763536.7	222.8	3.49	10.23	3.25	YES
L0016838	0	0.10360E-05	439909.6	3763558.7	222.9	3.49	10.23	3.25	YES

L0016839	0	0.10360E-05	439909.7	3763580.7	222.4	3.49	10.23	3.25 YES
L0016840	0	0.10360E-05	439909.8	3763602.7	221.9	3.49	10.23	3.25 YES
L0016841	0	0.10360E-05	439910.0	3763624.7	221.4	3.49	10.23	3.25 YES
L0016842	0	0.10360E-05	439910.1	3763646.7	221.3	3.49	10.23	3.25 YES
L0016843	0	0.10360E-05	439910.2	3763668.7	222.0	3.49	10.23	3.25 YES
L0016844	0	0.10360E-05	439910.3	3763690.7	222.7	3.49	10.23	3.25 YES
L0016845	0	0.10360E-05	439910.4	3763712.7	223.5	3.49	10.23	3.25 YES
L0016846	0	0.10360E-05	439910.6	3763734.7	224.2	3.49	10.23	3.25 YES
L0016847	0	0.10360E-05	439910.7	3763756.7	225.4	3.49	10.23	3.25 YES
L0016848	0	0.10360E-05	439910.8	3763778.7	226.5	3.49	10.23	3.25 YES
L0016849	0	0.10360E-05	439910.9	3763800.7	227.7	3.49	10.23	3.25 YES
L0016850	0	0.10360E-05	439911.0	3763822.7	228.8	3.49	10.23	3.25 YES
L0016851	0	0.10360E-05	439911.2	3763844.7	229.6	3.49	10.23	3.25 YES
L0016852	0	0.10360E-05	439911.3	3763866.7	230.3	3.49	10.23	3.25 YES
L0016853	0	0.10360E-05	439911.4	3763888.7	231.1	3.49	10.23	3.25 YES
L0016854	0	0.10360E-05	439911.5	3763910.7	231.8	3.49	10.23	3.25 YES
L0016855	0	0.10360E-05	439911.6	3763932.7	231.9	3.49	10.23	3.25 YES
L0016856	0	0.10360E-05	439911.8	3763954.7	231.6	3.49	10.23	3.25 YES
L0016857	0	0.10360E-05	439911.9	3763976.7	231.3	3.49	10.23	3.25 YES
L0016858	0	0.10360E-05	439912.0	3763998.7	231.1	3.49	10.23	3.25 YES
L0016859	0	0.10360E-05	439912.1	3764020.7	230.7	3.49	10.23	3.25 YES
L0016860	0	0.10360E-05	439912.2	3764042.7	230.2	3.49	10.23	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0016861	0	0.10360E-05	439912.4	3764064.7	229.8	3.49	10.23	3.25	YES	
L0016862	0	0.10360E-05	439912.5	3764086.7	229.3	3.49	10.23	3.25	YES	
L0016863	0	0.10360E-05	439912.6	3764108.7	229.3	3.49	10.23	3.25	YES	
L0016864	0	0.10360E-05	439912.7	3764130.7	230.6	3.49	10.23	3.25	YES	
L0016865	0	0.10360E-05	439912.8	3764152.7	231.8	3.49	10.23	3.25	YES	
L0016866	0	0.10360E-05	439912.9	3764174.7	233.0	3.49	10.23	3.25	YES	
L0016867	0	0.10360E-05	439913.1	3764196.7	234.2	3.49	10.23	3.25	YES	
L0016868	0	0.10360E-05	439913.2	3764218.7	235.3	3.49	10.23	3.25	YES	
L0016869	0	0.10360E-05	439913.3	3764240.7	236.5	3.49	10.23	3.25	YES	
L0016870	0	0.10360E-05	439913.4	3764262.7	237.7	3.49	10.23	3.25	YES	
L0016871	0	0.10360E-05	439913.5	3764284.7	238.9	3.49	10.23	3.25	YES	
L0016872	0	0.10360E-05	439913.7	3764306.7	238.4	3.49	10.23	3.25	YES	
L0016873	0	0.10360E-05	439913.8	3764328.7	237.7	3.49	10.23	3.25	YES	
L0016874	0	0.10360E-05	439913.9	3764350.7	236.9	3.49	10.23	3.25	YES	
L0016875	0	0.10360E-05	439914.0	3764372.7	236.2	3.49	10.23	3.25	YES	
L0016876	0	0.10360E-05	439914.1	3764394.7	236.5	3.49	10.23	3.25	YES	

L0016877	0	0.10360E-05	439914.3	3764416.7	237.2	3.49	10.23	3.25 YES
L0016878	0	0.10360E-05	439914.4	3764438.7	237.9	3.49	10.23	3.25 YES
L0016879	0	0.10360E-05	439914.5	3764460.7	238.6	3.49	10.23	3.25 YES
L0016880	0	0.10360E-05	439914.6	3764482.7	238.8	3.49	10.23	3.25 YES
L0016881	0	0.10360E-05	439914.7	3764504.7	238.2	3.49	10.23	3.25 YES
L0016882	0	0.10360E-05	439914.9	3764526.7	237.8	3.49	10.23	3.25 YES
L0016883	0	0.10360E-05	439915.0	3764548.7	237.2	3.49	10.23	3.25 YES
L0016884	0	0.10360E-05	439915.1	3764570.7	237.2	3.49	10.23	3.25 YES
L0016885	0	0.10360E-05	439915.2	3764592.7	238.5	3.49	10.23	3.25 YES
L0016886	0	0.10360E-05	439915.3	3764614.7	239.7	3.49	10.23	3.25 YES
L0016887	0	0.10360E-05	439915.5	3764636.7	240.9	3.49	10.23	3.25 YES
L0016888	0	0.10360E-05	439915.6	3764658.7	242.0	3.49	10.23	3.25 YES
L0016889	0	0.10360E-05	439915.7	3764680.7	242.5	3.49	10.23	3.25 YES
L0016890	0	0.10360E-05	439915.8	3764702.7	243.0	3.49	10.23	3.25 YES
L0016891	0	0.10360E-05	439915.9	3764724.7	243.4	3.49	10.23	3.25 YES
L0016892	0	0.10360E-05	439916.0	3764746.7	243.9	3.49	10.23	3.25 YES
L0016893	0	0.10360E-05	439916.2	3764768.7	244.4	3.49	10.23	3.25 YES
L0016894	0	0.10360E-05	439916.3	3764790.7	244.9	3.49	10.23	3.25 YES
L0016895	0	0.10360E-05	439916.4	3764812.7	245.4	3.49	10.23	3.25 YES
L0016896	0	0.10360E-05	439916.5	3764834.7	245.9	3.49	10.23	3.25 YES
L0016897	0	0.10360E-05	439916.6	3764856.7	245.8	3.49	10.23	3.25 YES
L0016898	0	0.10360E-05	439916.8	3764878.7	245.6	3.49	10.23	3.25 YES
L0016899	0	0.10360E-05	439916.9	3764900.7	245.3	3.49	10.23	3.25 YES
L0016900	0	0.10360E-05	439917.0	3764922.7	245.1	3.49	10.23	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0016901	0	0.10360E-05	439917.1	3764944.7	244.5	3.49	10.23	3.25	YES	
L0016902	0	0.10360E-05	439917.2	3764966.7	243.6	3.49	10.23	3.25	YES	
L0016903	0	0.10360E-05	439917.4	3764988.7	242.6	3.49	10.23	3.25	YES	
L0016904	0	0.10360E-05	439917.5	3765010.7	241.7	3.49	10.23	3.25	YES	
L0016905	0	0.10360E-05	439917.6	3765032.7	241.1	3.49	10.23	3.25	YES	
L0016906	0	0.10360E-05	439917.7	3765054.7	241.4	3.49	10.23	3.25	YES	
L0016907	0	0.10360E-05	439917.8	3765076.7	241.6	3.49	10.23	3.25	YES	
L0016908	0	0.10360E-05	439918.0	3765098.7	241.8	3.49	10.23	3.25	YES	
L0016909	0	0.10360E-05	439918.1	3765120.7	242.1	3.49	10.23	3.25	YES	
L0016910	0	0.10360E-05	439918.2	3765142.7	243.1	3.49	10.23	3.25	YES	
L0016911	0	0.10360E-05	439918.3	3765164.7	244.0	3.49	10.23	3.25	YES	
L0016912	0	0.10360E-05	439918.4	3765186.7	245.0	3.49	10.23	3.25	YES	
L0016913	0	0.10360E-05	439918.6	3765208.7	245.9	3.49	10.23	3.25	YES	
L0016914	0	0.10360E-05	439918.7	3765230.7	245.8	3.49	10.23	3.25	YES	

L0016915	0	0.10360E-05	439918.8	3765252.7	245.5	3.49	10.23	3.25 YES
L0016916	0	0.10360E-05	439918.9	3765274.7	245.3	3.49	10.23	3.25 YES
L0016917	0	0.10360E-05	439919.0	3765296.7	245.0	3.49	10.23	3.25 YES
L0016918	0	0.10360E-05	439919.1	3765318.7	244.8	3.49	10.23	3.25 YES
L0016919	0	0.10360E-05	439919.3	3765340.7	244.6	3.49	10.23	3.25 YES
L0016920	0	0.10360E-05	439919.4	3765362.7	244.4	3.49	10.23	3.25 YES
L0016921	0	0.10360E-05	439919.5	3765384.7	244.2	3.49	10.23	3.25 YES
L0016922	0	0.10360E-05	439919.6	3765406.7	244.4	3.49	10.23	3.25 YES
L0016923	0	0.10360E-05	439919.7	3765428.7	245.1	3.49	10.23	3.25 YES
L0016924	0	0.10360E-05	439919.9	3765450.7	245.9	3.49	10.23	3.25 YES
L0016925	0	0.10360E-05	439920.0	3765472.7	246.6	3.49	10.23	3.25 YES
L0016926	0	0.10360E-05	439920.1	3765494.7	247.8	3.49	10.23	3.25 YES
L0016927	0	0.10360E-05	439920.2	3765516.7	250.1	3.49	10.23	3.25 YES
L0016928	0	0.10360E-05	439920.3	3765538.7	252.5	3.49	10.23	3.25 YES
L0016929	0	0.10360E-05	439920.5	3765560.7	254.8	3.49	10.23	3.25 YES
L0016930	0	0.10360E-05	439920.6	3765582.7	256.9	3.49	10.23	3.25 YES
L0016931	0	0.10360E-05	439920.7	3765604.7	256.2	3.49	10.23	3.25 YES
L0016932	0	0.10360E-05	439920.8	3765626.7	255.5	3.49	10.23	3.25 YES
L0016933	0	0.10360E-05	439920.9	3765648.7	254.8	3.49	10.23	3.25 YES
L0016934	0	0.10360E-05	439921.1	3765670.7	254.1	3.49	10.23	3.25 YES
L0016935	0	0.10360E-05	439921.2	3765692.7	255.3	3.49	10.23	3.25 YES
L0016936	0	0.10360E-05	439921.3	3765714.7	256.7	3.49	10.23	3.25 YES
L0016937	0	0.10360E-05	439921.4	3765736.7	258.2	3.49	10.23	3.25 YES
L0016938	0	0.12590E-05	443950.6	3760468.9	207.9	3.49	7.44	3.25 YES

 L0016939   0   0.12590E-05 443966.6 3760468.0   207.8   3.49   7.44
3.25   YES
 L0016940   0   0.12590E-05 443982.6 3760467.1   207.4   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0016941   0   0.12590E-05 443998.5 3760466.0   207.0   3.49   7.44
3.25   YES
 L0016942   0   0.12590E-05 444014.1 3760462.6   206.5   3.49   7.44
3.25   YES
 L0016943   0   0.12590E-05 444029.8 3760459.3   206.1   3.49   7.44
3.25   YES
 L0016944   0   0.12590E-05 444044.9 3760453.9   205.8   3.49   7.44
3.25   YES
 L0016945   0   0.12590E-05 444059.9 3760448.5   205.7   3.49   7.44
3.25   YES
 L0016946   0   0.12590E-05 444075.0 3760443.1   205.7   3.49   7.44
3.25   YES
 L0016947   0   0.12590E-05 444090.0 3760437.6   205.6   3.49   7.44
3.25   YES
 L0016948   0   0.12590E-05 444104.9 3760431.9   205.6   3.49   7.44
3.25   YES
 L0016949   0   0.12590E-05 444119.9 3760426.1   205.5   3.49   7.44
3.25   YES
 L0016950   0   0.12590E-05 444134.8 3760420.3   205.7   3.49   7.44
3.25   YES
 L0016951   0   0.12590E-05 444150.2 3760416.5   205.8   3.49   7.44
3.25   YES
 L0016952   0   0.12590E-05 444166.0 3760413.9   206.0   3.49   7.44
3.25   YES

L0016953	0	0.12590E-05	444181.8	3760411.2	206.2	3.49	7.44	3.25 YES
L0016954	0	0.12590E-05	444197.6	3760409.2	206.3	3.49	7.44	3.25 YES
L0016955	0	0.12590E-05	444213.6	3760409.3	206.4	3.49	7.44	3.25 YES
L0016956	0	0.12590E-05	444229.6	3760409.4	206.5	3.49	7.44	3.25 YES
L0016957	0	0.12590E-05	444245.6	3760409.5	206.5	3.49	7.44	3.25 YES
L0016958	0	0.12590E-05	444261.6	3760409.6	206.6	3.49	7.44	3.25 YES
L0016959	0	0.12590E-05	444277.6	3760409.7	206.7	3.49	7.44	3.25 YES
L0016960	0	0.12590E-05	444293.6	3760409.8	206.9	3.49	7.44	3.25 YES
L0016961	0	0.12590E-05	444309.6	3760409.9	207.0	3.49	7.44	3.25 YES
L0016962	0	0.12590E-05	444325.6	3760410.0	207.1	3.49	7.44	3.25 YES
L0016963	0	0.12590E-05	444341.6	3760410.1	207.3	3.49	7.44	3.25 YES
L0016964	0	0.12590E-05	444357.6	3760410.4	207.3	3.49	7.44	3.25 YES
L0016965	0	0.12590E-05	444373.6	3760410.9	207.3	3.49	7.44	3.25 YES
L0016966	0	0.12590E-05	444389.6	3760411.3	207.4	3.49	7.44	3.25 YES
L0016967	0	0.12590E-05	444405.6	3760411.7	207.4	3.49	7.44	3.25 YES
L0016968	0	0.12590E-05	444421.6	3760412.1	207.4	3.49	7.44	3.25 YES
L0016969	0	0.12590E-05	444437.6	3760412.5	207.4	3.49	7.44	3.25 YES
L0016970	0	0.12590E-05	444453.6	3760412.9	207.4	3.49	7.44	3.25 YES
L0016971	0	0.12590E-05	444469.6	3760413.0	207.4	3.49	7.44	3.25 YES
L0016972	0	0.12590E-05	444485.6	3760412.7	207.4	3.49	7.44	3.25 YES
L0016973	0	0.12590E-05	444501.6	3760412.4	207.4	3.49	7.44	3.25 YES
L0016974	0	0.12590E-05	444517.6	3760412.1	206.8	3.49	7.44	3.25 YES
L0016975	0	0.12590E-05	444533.6	3760411.8	206.2	3.49	7.44	3.25 YES
L0016976	0	0.12590E-05	444549.6	3760411.5	205.5	3.49	7.44	3.25 YES

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 L0016977         0   0.12590E-05  444565.6 3760411.2   204.9     3.49     7.44
3.25     YES
 L0016978         0   0.12590E-05  444581.6 3760410.9   204.4     3.49     7.44
3.25     YES
 L0016979         0   0.12590E-05  444597.6 3760410.6   204.3     3.49     7.44
3.25     YES
 L0016980         0   0.12590E-05  444613.6 3760410.3   204.2     3.49     7.44
3.25     YES
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                                                    *** VOLUME SOURCE DATA ***

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

 L0016981         0   0.12590E-05  444629.6 3760410.0   204.1     3.49     7.44
3.25     YES
 L0016982         0   0.12590E-05  444645.5 3760409.7   204.1     3.49     7.44
3.25     YES
 L0016983         0   0.12590E-05  444661.5 3760409.4   204.0     3.49     7.44
3.25     YES
 L0016984         0   0.12590E-05  444677.5 3760409.1   204.1     3.49     7.44
3.25     YES
 L0016985         0   0.12590E-05  444693.5 3760408.8   204.2     3.49     7.44
3.25     YES
 L0016986         0   0.12590E-05  444709.5 3760408.5   204.2     3.49     7.44
3.25     YES
 L0016987         0   0.12590E-05  444725.5 3760408.2   204.3     3.49     7.44
3.25     YES
 L0016988         0   0.12590E-05  444741.5 3760408.0   204.3     3.49     7.44
3.25     YES
 L0016989         0   0.12590E-05  444757.5 3760407.9   204.3     3.49     7.44
3.25     YES
 L0016990         0   0.12590E-05  444773.5 3760407.7   204.3     3.49     7.44
3.25     YES
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L0016991	0	0.12590E-05	444789.5	3760407.6	204.3	3.49	7.44	3.25 YES
L0016992	0	0.12590E-05	444805.5	3760407.4	204.3	3.49	7.44	3.25 YES
L0016993	0	0.12590E-05	444821.5	3760407.3	204.5	3.49	7.44	3.25 YES
L0016994	0	0.12590E-05	444837.5	3760407.2	204.7	3.49	7.44	3.25 YES
L0016995	0	0.12590E-05	444853.5	3760407.0	204.9	3.49	7.44	3.25 YES
L0016996	0	0.12590E-05	444869.5	3760406.9	205.1	3.49	7.44	3.25 YES
L0016997	0	0.12590E-05	444885.5	3760406.7	205.3	3.49	7.44	3.25 YES
L0016998	0	0.12590E-05	444901.5	3760406.6	205.3	3.49	7.44	3.25 YES
L0016999	0	0.12590E-05	444917.5	3760406.5	205.3	3.49	7.44	3.25 YES
L0017000	0	0.12590E-05	444933.5	3760406.3	205.3	3.49	7.44	3.25 YES
L0017001	0	0.12590E-05	444949.5	3760406.2	205.3	3.49	7.44	3.25 YES
L0017002	0	0.12590E-05	444965.5	3760406.0	205.3	3.49	7.44	3.25 YES
L0017003	0	0.12590E-05	444981.5	3760405.9	205.6	3.49	7.44	3.25 YES
L0017004	0	0.12590E-05	444997.5	3760405.8	205.8	3.49	7.44	3.25 YES
L0017005	0	0.12590E-05	445013.5	3760405.6	206.0	3.49	7.44	3.25 YES
L0017006	0	0.12590E-05	445029.5	3760405.5	206.2	3.49	7.44	3.25 YES
L0017007	0	0.12590E-05	445045.5	3760405.3	206.4	3.49	7.44	3.25 YES
L0017008	0	0.12590E-05	445061.5	3760405.2	206.6	3.49	7.44	3.25 YES
L0017009	0	0.12590E-05	445077.5	3760405.1	206.8	3.49	7.44	3.25 YES
L0017010	0	0.12590E-05	445093.5	3760404.9	207.0	3.49	7.44	3.25 YES
L0017011	0	0.12590E-05	445109.5	3760404.8	207.2	3.49	7.44	3.25 YES
L0017012	0	0.12590E-05	445125.5	3760404.6	207.1	3.49	7.44	3.25 YES
L0017013	0	0.12590E-05	445141.5	3760404.5	206.7	3.49	7.44	3.25 YES
L0017014	0	0.12590E-05	445157.5	3760404.4	206.3	3.49	7.44	3.25 YES

```
 L0017015         0   0.12590E-05  445173.5 3760404.2   205.9     3.49     7.44
3.25     YES
 L0017016         0   0.50140E-06  445195.5 3760425.0   205.6     3.49     7.44
3.25     YES
 L0017017         0   0.50140E-06  445195.6 3760441.0   205.7     3.49     7.44
3.25     YES
 L0017018         0   0.50140E-06  445195.7 3760457.0   205.9     3.49     7.44
3.25     YES
 L0017019         0   0.50140E-06  445195.8 3760473.0   206.0     3.49     7.44
3.25     YES
 L0017020         0   0.50140E-06  445195.9 3760489.0   206.0     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:45:11

                                  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0017021         0   0.50140E-06  445196.0 3760505.0   206.0     3.49     7.44
3.25     YES
 L0017022         0   0.50140E-06  445196.1 3760521.0   206.0     3.49     7.44
3.25     YES
 L0017023         0   0.50140E-06  445196.3 3760537.0   206.0     3.49     7.44
3.25     YES
 L0017024         0   0.50140E-06  445196.4 3760553.0   206.0     3.49     7.44
3.25     YES
 L0017025         0   0.50140E-06  445196.5 3760569.0   206.0     3.49     7.44
3.25     YES
 L0017026         0   0.50140E-06  445196.6 3760585.0   206.0     3.49     7.44
3.25     YES
 L0017027         0   0.50140E-06  445196.7 3760601.0   206.0     3.49     7.44
3.25     YES
 L0017028         0   0.50140E-06  445196.8 3760617.0   206.0     3.49     7.44
3.25     YES
```

L0017029	0	0.50140E-06	445196.9	3760633.0	206.0	3.49	7.44	3.25 YES
L0017030	0	0.50140E-06	445197.0	3760649.0	206.0	3.49	7.44	3.25 YES
L0017031	0	0.50140E-06	445197.1	3760665.0	206.2	3.49	7.44	3.25 YES
L0017032	0	0.50140E-06	445197.2	3760681.0	206.3	3.49	7.44	3.25 YES
L0017033	0	0.50140E-06	445197.3	3760697.0	206.5	3.49	7.44	3.25 YES
L0017034	0	0.50140E-06	445197.4	3760713.0	206.7	3.49	7.44	3.25 YES
L0017035	0	0.50140E-06	445197.5	3760729.0	206.8	3.49	7.44	3.25 YES
L0017036	0	0.50140E-06	445197.6	3760745.0	207.0	3.49	7.44	3.25 YES
L0017037	0	0.50140E-06	445197.8	3760761.0	207.0	3.49	7.44	3.25 YES
L0017038	0	0.50140E-06	445197.9	3760777.0	207.0	3.49	7.44	3.25 YES
L0017039	0	0.50140E-06	445198.0	3760793.0	207.0	3.49	7.44	3.25 YES
L0017040	0	0.50140E-06	445198.1	3760809.0	207.0	3.49	7.44	3.25 YES
L0017041	0	0.50140E-06	445198.2	3760825.0	207.0	3.49	7.44	3.25 YES
L0017042	0	0.50140E-06	445198.3	3760841.0	207.0	3.49	7.44	3.25 YES
L0017043	0	0.50140E-06	445198.4	3760857.0	207.0	3.49	7.44	3.25 YES
L0017044	0	0.50140E-06	445198.5	3760873.0	207.0	3.49	7.44	3.25 YES
L0017045	0	0.50140E-06	445198.6	3760889.0	207.0	3.49	7.44	3.25 YES
L0017046	0	0.50140E-06	445198.7	3760905.0	207.0	3.49	7.44	3.25 YES
L0017047	0	0.50140E-06	445198.8	3760921.0	207.0	3.49	7.44	3.25 YES
L0017048	0	0.50140E-06	445198.9	3760937.0	207.0	3.49	7.44	3.25 YES
L0017049	0	0.50140E-06	445199.0	3760953.0	207.0	3.49	7.44	3.25 YES
L0017050	0	0.50140E-06	445199.1	3760969.0	207.0	3.49	7.44	3.25 YES
L0017051	0	0.50140E-06	445199.2	3760985.0	207.0	3.49	7.44	3.25 YES
L0017052	0	0.50140E-06	445199.4	3761001.0	207.0	3.49	7.44	3.25 YES

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 L0017053         0   0.50140E-06  445199.5 3761017.0   207.0     3.49     7.44
3.25     YES
 L0017054         0   0.50140E-06  445199.6 3761033.0   207.1     3.49     7.44
3.25     YES
 L0017055         0   0.50140E-06  445199.7 3761049.0   207.3     3.49     7.44
3.25     YES
 L0017056         0   0.50140E-06  445199.8 3761065.0   207.5     3.49     7.44
3.25     YES
 L0017057         0   0.50140E-06  445199.9 3761081.0   207.7     3.49     7.44
3.25     YES
 L0017058         0   0.50140E-06  445200.0 3761097.0   207.8     3.49     7.44
3.25     YES
 L0017059         0   0.50140E-06  445200.1 3761113.0   208.0     3.49     7.44
3.25     YES
 L0017060         0   0.50140E-06  445200.2 3761129.0   208.0     3.49     7.44
3.25     YES
```



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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0017061         0   0.50140E-06  445200.3 3761145.0   208.0     3.49     7.44
3.25     YES
 L0017062         0   0.50140E-06  445200.4 3761161.0   208.0     3.49     7.44
3.25     YES
 L0017063         0   0.50140E-06  445200.5 3761177.0   208.0     3.49     7.44
3.25     YES
 L0017064         0   0.50140E-06  445200.6 3761193.0   208.0     3.49     7.44
3.25     YES
 L0017065         0   0.50140E-06  445200.7 3761209.0   208.0     3.49     7.44
3.25     YES
 L0017066         0   0.50140E-06  445200.9 3761225.0   208.2     3.49     7.44
3.25     YES
```

L0017067	0	0.50140E-06	445201.0	3761241.0	208.4	3.49	7.44	3.25 YES
L0017068	0	0.50140E-06	445201.1	3761257.0	208.6	3.49	7.44	3.25 YES
L0017069	0	0.50140E-06	445201.2	3761273.0	208.7	3.49	7.44	3.25 YES
L0017070	0	0.50140E-06	445201.3	3761289.0	208.9	3.49	7.44	3.25 YES
L0017071	0	0.50140E-06	445201.4	3761305.0	209.1	3.49	7.44	3.25 YES
L0017072	0	0.50140E-06	445201.5	3761321.0	209.3	3.49	7.44	3.25 YES
L0017073	0	0.50140E-06	445201.6	3761337.0	209.4	3.49	7.44	3.25 YES
L0017074	0	0.50140E-06	445201.7	3761353.0	209.6	3.49	7.44	3.25 YES
L0017075	0	0.50140E-06	445201.8	3761369.0	209.8	3.49	7.44	3.25 YES
L0017076	0	0.50140E-06	445201.9	3761385.0	210.0	3.49	7.44	3.25 YES
L0017077	0	0.50140E-06	445202.0	3761401.0	210.0	3.49	7.44	3.25 YES
L0017078	0	0.50140E-06	445202.1	3761417.0	210.0	3.49	7.44	3.25 YES
L0017079	0	0.50140E-06	445202.2	3761433.0	210.0	3.49	7.44	3.25 YES
L0017080	0	0.50140E-06	445202.4	3761449.0	210.0	3.49	7.44	3.25 YES
L0017081	0	0.50140E-06	445202.5	3761465.0	210.0	3.49	7.44	3.25 YES
L0017082	0	0.50140E-06	445202.6	3761481.0	210.0	3.49	7.44	3.25 YES
L0017083	0	0.50140E-06	445202.7	3761497.0	210.0	3.49	7.44	3.25 YES
L0017084	0	0.50140E-06	445202.8	3761513.0	210.0	3.49	7.44	3.25 YES
L0017085	0	0.50140E-06	445202.9	3761529.0	210.0	3.49	7.44	3.25 YES
L0017086	0	0.50140E-06	445203.0	3761545.0	210.0	3.49	7.44	3.25 YES
L0017087	0	0.50140E-06	445203.1	3761561.0	210.0	3.49	7.44	3.25 YES
L0017088	0	0.50140E-06	445203.2	3761577.0	210.0	3.49	7.44	3.25 YES
L0017089	0	0.50140E-06	445203.3	3761593.0	210.2	3.49	7.44	3.25 YES
L0017090	0	0.50140E-06	445203.4	3761609.0	210.4	3.49	7.44	3.25 YES

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 L0017091         0   0.50140E-06  445203.5 3761625.0   210.6     3.49     7.44
3.25     YES
 L0017092         0   0.50140E-06  445203.6 3761641.0   210.7     3.49     7.44
3.25     YES
 L0017093         0   0.50140E-06  445203.7 3761657.0   210.9     3.49     7.44
3.25     YES
 L0017094         0   0.50140E-06  445203.8 3761673.0   211.0     3.49     7.44
3.25     YES
 L0017095         0   0.50140E-06  445204.0 3761689.0   210.8     3.49     7.44
3.25     YES
 L0017096         0   0.50140E-06  445204.1 3761705.0   210.6     3.49     7.44
3.25     YES
 L0017097         0   0.50140E-06  445204.2 3761721.0   210.5     3.49     7.44
3.25     YES
 L0017098         0   0.50140E-06  445204.3 3761737.0   210.3     3.49     7.44
3.25     YES
 L0017099         0   0.50140E-06  445204.4 3761753.0   210.1     3.49     7.44
3.25     YES
 L0017100         0   0.50140E-06  445204.5 3761769.0   210.1     3.49     7.44
3.25     YES
```



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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0017101         0   0.50140E-06  445204.6 3761785.0   210.3     3.49     7.44
3.25     YES
 L0017102         0   0.50140E-06  445204.7 3761801.0   210.5     3.49     7.44
3.25     YES
 L0017103         0   0.50140E-06  445204.8 3761817.0   210.7     3.49     7.44
3.25     YES
 L0017104         0   0.50140E-06  445204.9 3761833.0   210.8     3.49     7.44
3.25     YES
```

L0017105	0	0.50140E-06	445205.0	3761849.0	211.0	3.49	7.44	3.25 YES
L0017106	0	0.50140E-06	445205.1	3761865.0	211.1	3.49	7.44	3.25 YES
L0017107	0	0.50140E-06	445205.2	3761881.0	211.1	3.49	7.44	3.25 YES
L0017108	0	0.50140E-06	445205.3	3761897.0	211.1	3.49	7.44	3.25 YES
L0017109	0	0.50140E-06	445205.5	3761913.0	211.1	3.49	7.44	3.25 YES
L0017110	0	0.50140E-06	445205.6	3761929.0	211.1	3.49	7.44	3.25 YES
L0017111	0	0.50140E-06	445205.7	3761945.0	211.1	3.49	7.44	3.25 YES
L0017112	0	0.50140E-06	445205.8	3761961.0	211.2	3.49	7.44	3.25 YES
L0017113	0	0.50140E-06	445205.9	3761977.0	211.4	3.49	7.44	3.25 YES
L0017114	0	0.50140E-06	445206.0	3761993.0	211.6	3.49	7.44	3.25 YES
L0017115	0	0.50140E-06	445206.9	3762008.1	211.8	3.49	7.44	3.25 YES
L0017116	0	0.50140E-06	445222.9	3762007.8	212.4	3.49	7.44	3.25 YES
L0017117	0	0.50140E-06	445238.9	3762007.5	213.0	3.49	7.44	3.25 YES
L0017118	0	0.50140E-06	445254.9	3762007.2	213.6	3.49	7.44	3.25 YES
L0017119	0	0.50140E-06	445270.9	3762006.9	214.2	3.49	7.44	3.25 YES
L0017120	0	0.50140E-06	445286.9	3762006.6	214.8	3.49	7.44	3.25 YES
L0017121	0	0.50140E-06	445302.9	3762006.3	215.2	3.49	7.44	3.25 YES
L0017122	0	0.50140E-06	445318.9	3762006.0	215.6	3.49	7.44	3.25 YES
L0017123	0	0.50140E-06	445334.9	3762005.7	216.1	3.49	7.44	3.25 YES
L0017124	0	0.50140E-06	445350.9	3762005.4	216.5	3.49	7.44	3.25 YES
L0017125	0	0.50140E-06	445366.9	3762005.1	216.8	3.49	7.44	3.25 YES
L0017126	0	0.50140E-06	445382.9	3762004.8	217.0	3.49	7.44	3.25 YES
L0017127	0	0.50140E-06	445398.9	3762004.5	217.2	3.49	7.44	3.25 YES
L0017128	0	0.50140E-06	445414.9	3762004.2	217.4	3.49	7.44	3.25 YES

```
 L0017129         0   0.50140E-06  445430.9 3762003.9   217.6     3.49     7.44
3.25     YES
 L0017130         0   0.50140E-06  445446.9 3762003.6   217.7     3.49     7.44
3.25     YES
 L0017131         0   0.50140E-06  445462.9 3762003.3   217.7     3.49     7.44
3.25     YES
 L0017132         0   0.50140E-06  445478.9 3762003.0   217.6     3.49     7.44
3.25     YES
 L0017133         0   0.50140E-06  445494.9 3762002.6   217.6     3.49     7.44
3.25     YES
 L0017134         0   0.50140E-06  445510.9 3762002.3   217.6     3.49     7.44
3.25     YES
 L0017135         0   0.50140E-06  445526.9 3762002.0   217.5     3.49     7.44
3.25     YES
 L0017136         0   0.50140E-06  445542.9 3762001.7   217.4     3.49     7.44
3.25     YES
 L0017137         0   0.50140E-06  445558.9 3762001.4   217.2     3.49     7.44
3.25     YES
 L0017138         0   0.50140E-06  445574.8 3762001.1   217.1     3.49     7.44
3.25     YES
 L0017139         0   0.50140E-06  445590.8 3762000.8   217.0     3.49     7.44
3.25     YES
 L0017140         0   0.50140E-06  445606.8 3762000.5   216.8     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:45:11

                                  PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0017141         0   0.50140E-06  445622.8 3762000.2   216.6     3.49     7.44
3.25     YES
 L0017142         0   0.50140E-06  445638.8 3761999.9   216.4     3.49     7.44
3.25     YES
```

L0017143	0	0.50140E-06	445654.8	3761999.6	216.2	3.49	7.44	3.25 YES
L0017144	0	0.50140E-06	445670.8	3761999.3	216.0	3.49	7.44	3.25 YES
L0017145	0	0.50140E-06	445686.8	3761999.0	216.2	3.49	7.44	3.25 YES
L0017146	0	0.50140E-06	445702.8	3761998.7	216.3	3.49	7.44	3.25 YES
L0017147	0	0.50140E-06	445718.8	3761998.4	216.4	3.49	7.44	3.25 YES
L0017148	0	0.50140E-06	445734.8	3761998.1	216.5	3.49	7.44	3.25 YES
L0017149	0	0.50140E-06	445750.8	3761997.8	216.7	3.49	7.44	3.25 YES
L0017150	0	0.50140E-06	445766.8	3761997.5	216.9	3.49	7.44	3.25 YES
L0017151	0	0.50140E-06	445782.8	3761997.2	217.1	3.49	7.44	3.25 YES
L0017152	0	0.50140E-06	445798.8	3761996.8	217.3	3.49	7.44	3.25 YES
L0017153	0	0.50140E-06	445814.8	3761996.5	217.5	3.49	7.44	3.25 YES
L0017154	0	0.50140E-06	445830.8	3761996.2	217.6	3.49	7.44	3.25 YES
L0017155	0	0.50140E-06	445846.8	3761995.9	217.6	3.49	7.44	3.25 YES
L0017156	0	0.50140E-06	445862.8	3761995.6	217.6	3.49	7.44	3.25 YES
L0017157	0	0.50140E-06	445878.8	3761995.3	217.6	3.49	7.44	3.25 YES
L0017158	0	0.50140E-06	445894.8	3761995.0	217.6	3.49	7.44	3.25 YES
L0017159	0	0.50140E-06	445910.8	3761995.4	217.8	3.49	7.44	3.25 YES
L0017160	0	0.50140E-06	445926.7	3761996.5	218.0	3.49	7.44	3.25 YES
L0017161	0	0.50140E-06	445942.7	3761997.7	218.2	3.49	7.44	3.25 YES
L0017162	0	0.50140E-06	445958.6	3761998.8	218.4	3.49	7.44	3.25 YES
L0017163	0	0.50140E-06	445974.6	3762000.0	218.6	3.49	7.44	3.25 YES
L0017164	0	0.50140E-06	445990.6	3762001.1	218.6	3.49	7.44	3.25 YES
L0017165	0	0.50140E-06	446006.5	3762002.2	218.5	3.49	7.44	3.25 YES
L0017166	0	0.50140E-06	446022.5	3762003.4	218.5	3.49	7.44	3.25 YES

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 L0017167         0   0.50140E-06  446038.4 3762004.5   218.4     3.49     7.44
3.25     YES
 L0017168         0   0.50140E-06  446054.2 3762006.4   218.2     3.49     7.44
3.25     YES
 L0017169         0   0.50140E-06  446068.7 3762013.3   217.9     3.49     7.44
3.25     YES
 L0017170         0   0.50140E-06  446083.1 3762020.1   217.6     3.49     7.44
3.25     YES
 L0017171         0   0.50140E-06  446097.6 3762026.9   217.4     3.49     7.44
3.25     YES
 L0017172         0   0.50140E-06  446112.1 3762033.7   217.2     3.49     7.44
3.25     YES
 L0017173         0   0.50140E-06  446126.6 3762040.5   217.1     3.49     7.44
3.25     YES
 L0017174         0   0.50140E-06  446141.0 3762047.4   216.8     3.49     7.44
3.25     YES
 L0017175         0   0.50140E-06  446155.5 3762054.2   216.5     3.49     7.44
3.25     YES
 L0017176         0   0.50140E-06  446170.0 3762061.0   216.2     3.49     7.44
3.25     YES
 L0017177         0   0.50140E-06  446184.5 3762067.8   215.9     3.49     7.44
3.25     YES
 L0017178         0   0.50140E-06  446198.9 3762074.7   215.6     3.49     7.44
3.25     YES
 L0017179         0   0.50140E-06  446213.4 3762081.5   215.6     3.49     7.44
3.25     YES
 L0017180         0   0.50140E-06  446227.9 3762088.3   215.9     3.49     7.44
3.25     YES
↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:45:11

                                  PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
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L0017181	0	0.50140E-06	446242.0	3762095.8	216.2	3.49	7.44	3.25 YES
L0017182	0	0.50140E-06	446255.0	3762105.1	216.4	3.49	7.44	3.25 YES
L0017183	0	0.50140E-06	446268.0	3762114.3	216.7	3.49	7.44	3.25 YES
L0017184	0	0.50140E-06	446281.1	3762123.6	217.0	3.49	7.44	3.25 YES
L0017185	0	0.50140E-06	446294.1	3762132.9	217.4	3.49	7.44	3.25 YES
L0017186	0	0.50140E-06	446307.1	3762142.2	217.8	3.49	7.44	3.25 YES
L0017187	0	0.50140E-06	446320.2	3762151.4	218.3	3.49	7.44	3.25 YES
L0017188	0	0.50140E-06	446333.2	3762160.7	218.7	3.49	7.44	3.25 YES
L0017189	0	0.50140E-06	446346.3	3762170.0	219.1	3.49	7.44	3.25 YES
L0017190	0	0.50140E-06	446359.3	3762179.3	219.6	3.49	7.44	3.25 YES
L0017191	0	0.50140E-06	446372.3	3762188.5	219.9	3.49	7.44	3.25 YES
L0017192	0	0.50140E-06	446385.4	3762197.8	220.1	3.49	7.44	3.25 YES
L0017193	0	0.50140E-06	446398.4	3762207.1	220.4	3.49	7.44	3.25 YES
L0017194	0	0.50140E-06	446411.5	3762216.4	220.7	3.49	7.44	3.25 YES
L0017195	0	0.50140E-06	446424.5	3762225.6	220.8	3.49	7.44	3.25 YES
L0017196	0	0.50140E-06	446437.5	3762234.9	221.0	3.49	7.44	3.25 YES
L0017197	0	0.50140E-06	446450.6	3762244.2	221.3	3.49	7.44	3.25 YES
L0017198	0	0.50140E-06	446463.6	3762253.4	221.7	3.49	7.44	3.25 YES
L0017199	0	0.50140E-06	446476.6	3762262.7	222.0	3.49	7.44	3.25 YES
L0017200	0	0.50140E-06	446489.7	3762272.0	222.4	3.49	7.44	3.25 YES
L0017201	0	0.50140E-06	446503.0	3762280.8	222.7	3.49	7.44	3.25 YES
L0017202	0	0.50140E-06	446516.7	3762289.1	223.0	3.49	7.44	3.25 YES
L0017203	0	0.50140E-06	446530.4	3762297.3	223.0	3.49	7.44	3.25 YES
L0017204	0	0.50140E-06	446544.1	3762305.6	223.0	3.49	7.44	3.25 YES

L0017205	0	0.50140E-06	446557.8	3762313.9	223.0	3.49	7.44	3.25 YES
L0017206	0	0.50140E-06	446571.5	3762322.1	223.0	3.49	7.44	3.25 YES
L0017207	0	0.50140E-06	446585.2	3762330.4	223.0	3.49	7.44	3.25 YES
L0017208	0	0.50140E-06	446598.9	3762338.6	223.1	3.49	7.44	3.25 YES
L0017209	0	0.50140E-06	446612.6	3762346.9	223.2	3.49	7.44	3.25 YES
L0017210	0	0.50140E-06	446626.3	3762355.2	223.2	3.49	7.44	3.25 YES
L0017211	0	0.50140E-06	446640.0	3762363.4	223.2	3.49	7.44	3.25 YES
L0017212	0	0.50140E-06	446653.7	3762371.7	223.2	3.49	7.44	3.25 YES
L0017213	0	0.50140E-06	446667.9	3762378.6	223.2	3.49	7.44	3.25 YES
L0017214	0	0.50140E-06	446683.7	3762381.0	223.2	3.49	7.44	3.25 YES
L0017215	0	0.50140E-06	446699.6	3762383.5	223.2	3.49	7.44	3.25 YES
L0017216	0	0.50140E-06	446715.4	3762386.0	223.1	3.49	7.44	3.25 YES
L0017217	0	0.50140E-06	446731.2	3762388.4	223.1	3.49	7.44	3.25 YES
L0017218	0	0.50140E-06	446747.0	3762390.9	223.1	3.49	7.44	3.25 YES
L0017219	0	0.50140E-06	446762.8	3762393.3	223.1	3.49	7.44	3.25 YES
L0017220	0	0.50140E-06	446778.6	3762395.8	223.0	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

(METERS) BY

- - - -

L0017243	0	0.50140E-06	447146.5	3762398.9	222.9	3.49	7.44	3.25 YES
L0017244	0	0.50140E-06	447162.5	3762398.7	222.9	3.49	7.44	3.25 YES
L0017245	0	0.50140E-06	447178.5	3762398.5	222.9	3.49	7.44	3.25 YES
L0017246	0	0.50140E-06	447194.5	3762398.3	222.9	3.49	7.44	3.25 YES
L0017247	0	0.50140E-06	447210.5	3762398.1	222.9	3.49	7.44	3.25 YES
L0017248	0	0.50140E-06	447226.5	3762397.9	222.7	3.49	7.44	3.25 YES
L0017249	0	0.50140E-06	447242.5	3762397.7	222.5	3.49	7.44	3.25 YES
L0017250	0	0.50140E-06	447258.5	3762397.5	222.3	3.49	7.44	3.25 YES
L0017251	0	0.50140E-06	447274.5	3762397.3	222.1	3.49	7.44	3.25 YES
L0017252	0	0.50140E-06	447290.5	3762397.1	221.9	3.49	7.44	3.25 YES
L0017253	0	0.50140E-06	447306.5	3762396.9	221.7	3.49	7.44	3.25 YES
L0017254	0	0.50140E-06	447322.5	3762396.7	221.5	3.49	7.44	3.25 YES
L0017255	0	0.50140E-06	447338.5	3762396.5	221.2	3.49	7.44	3.25 YES
L0017256	0	0.50140E-06	447354.5	3762396.3	221.1	3.49	7.44	3.25 YES
L0017257	0	0.50140E-06	447370.5	3762396.1	220.9	3.49	7.44	3.25 YES
L0017258	0	0.50140E-06	447386.5	3762395.9	220.7	3.49	7.44	3.25 YES
L0017259	0	0.50140E-06	447402.5	3762395.7	220.4	3.49	7.44	3.25 YES
L0017260	0	0.50140E-06	447418.5	3762395.5	220.2	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE BASE RELEASE INIT.

INIT. SOURCE ID	URBAN PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE VARY BY
L0017261	0	0.50140E-06	447434.5	3762395.3	220.0	3.49	7.44	3.25	YES
L0017262	0	0.50140E-06	447450.5	3762395.1	219.8	3.49	7.44	3.25	YES
L0017263	0	0.50140E-06	447466.5	3762394.9	219.6	3.49	7.44	3.25	YES
L0017264	0	0.50140E-06	447482.5	3762394.7	219.4	3.49	7.44	3.25	YES
L0017265	0	0.50140E-06	447498.5	3762394.5	219.2	3.49	7.44	3.25	YES
L0017266	0	0.50140E-06	447514.5	3762394.3	219.0	3.49	7.44	3.25	YES
L0017267	0	0.50140E-06	447530.5	3762394.1	219.0	3.49	7.44	3.25	YES
L0017268	0	0.50140E-06	447546.5	3762393.9	219.0	3.49	7.44	3.25	YES
L0017269	0	0.50140E-06	447562.5	3762393.7	219.0	3.49	7.44	3.25	YES
L0017270	0	0.50140E-06	447578.5	3762393.5	219.0	3.49	7.44	3.25	YES
L0017271	0	0.50140E-06	447594.5	3762393.3	219.0	3.49	7.44	3.25	YES
L0017272	0	0.50140E-06	447610.5	3762393.1	219.2	3.49	7.44	3.25	YES
L0017273	0	0.50140E-06	447626.5	3762392.9	219.5	3.49	7.44	3.25	YES
L0017274	0	0.50140E-06	447642.5	3762392.7	219.7	3.49	7.44	3.25	YES
L0017275	0	0.50140E-06	447658.5	3762392.5	219.9	3.49	7.44	3.25	YES
L0017276	0	0.50140E-06	447674.5	3762392.3	220.1	3.49	7.44	3.25	YES
L0017277	0	0.50140E-06	447690.5	3762392.1	220.3	3.49	7.44	3.25	YES
L0017278	0	0.50140E-06	447706.5	3762391.9	220.5	3.49	7.44	3.25	YES
L0017279	0	0.50140E-06	447722.5	3762391.7	220.7	3.49	7.44	3.25	YES
L0017280	0	0.50140E-06	447738.5	3762391.5	220.9	3.49	7.44	3.25	YES

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 L0017281         0   0.50140E-06  447754.5 3762391.3   221.1     3.49     7.44
3.25     YES
 L0017282         0   0.50140E-06  447770.5 3762391.1   221.3     3.49     7.44
3.25     YES
 L0017283         0   0.50140E-06  447786.5 3762390.9   221.5     3.49     7.44
3.25     YES
 L0017284         0   0.50140E-06  447802.5 3762390.7   221.7     3.49     7.44
3.25     YES
 L0017285         0   0.50140E-06  447818.5 3762390.5   221.9     3.49     7.44
3.25     YES
 L0017286         0   0.50140E-06  447834.5 3762390.3   222.0     3.49     7.44
3.25     YES
 L0017287         0   0.50140E-06  447850.5 3762390.1   222.0     3.49     7.44
3.25     YES
 L0017288         0   0.50140E-06  447866.5 3762389.9   222.0     3.49     7.44
3.25     YES
 L0017289         0   0.50140E-06  447882.5 3762389.7   222.0     3.49     7.44
3.25     YES
 L0017290         0   0.50140E-06  447898.5 3762389.5   222.0     3.49     7.44
3.25     YES
 L0017291         0   0.50140E-06  447914.5 3762389.3   222.5     3.49     7.44
3.25     YES
 L0017292         0   0.50140E-06  447930.5 3762389.1   223.1     3.49     7.44
3.25     YES
 L0017293         0   0.50140E-06  447946.5 3762388.9   223.7     3.49     7.44
3.25     YES
 L0017294         0   0.50140E-06  447962.5 3762388.7   224.3     3.49     7.44
3.25     YES
 L0017295         0   0.50140E-06  447978.5 3762388.6   224.8     3.49     7.44
3.25     YES
 L0017296         0   0.50140E-06  447994.5 3762388.5   224.6     3.49     7.44
3.25     YES
 L0017297         0   0.50140E-06  448010.5 3762388.4   224.5     3.49     7.44
3.25     YES
 L0017298         0   0.50140E-06  448026.5 3762388.3   224.2     3.49     7.44
3.25     YES
 L0017299         0   0.50140E-06  448042.5 3762388.3   224.1     3.49     7.44
3.25     YES
 L0017300         0   0.50140E-06  448058.5 3762388.2   223.9     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                          ***       16:45:11

                                    PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0017301	0	0.50140E-06	448074.5	3762388.1	223.9	3.49	7.44	3.25	YES
L0017302	0	0.50140E-06	448090.5	3762388.0	223.9	3.49	7.44	3.25	YES
L0017303	0	0.50140E-06	448106.5	3762388.0	223.9	3.49	7.44	3.25	YES
L0017304	0	0.50140E-06	448122.5	3762387.9	223.9	3.49	7.44	3.25	YES
L0017305	0	0.50140E-06	448138.5	3762387.8	223.9	3.49	7.44	3.25	YES
L0017306	0	0.50140E-06	448154.5	3762387.7	223.7	3.49	7.44	3.25	YES
L0017307	0	0.50140E-06	448170.5	3762387.7	223.5	3.49	7.44	3.25	YES
L0017308	0	0.50140E-06	448186.5	3762387.6	223.2	3.49	7.44	3.25	YES
L0017309	0	0.50140E-06	448202.5	3762387.5	223.1	3.49	7.44	3.25	YES
L0017310	0	0.50140E-06	448218.5	3762387.4	223.0	3.49	7.44	3.25	YES
L0017311	0	0.50140E-06	448234.5	3762387.3	223.0	3.49	7.44	3.25	YES
L0017312	0	0.50140E-06	448250.5	3762387.3	223.0	3.49	7.44	3.25	YES
L0017313	0	0.50140E-06	448266.5	3762387.2	223.0	3.49	7.44	3.25	YES
L0017314	0	0.50140E-06	448282.5	3762387.1	223.0	3.49	7.44	3.25	YES
L0017315	0	0.50140E-06	448298.5	3762387.0	222.8	3.49	7.44	3.25	YES
L0017316	0	0.50140E-06	448314.5	3762387.0	222.6	3.49	7.44	3.25	YES
L0017317	0	0.50140E-06	448330.5	3762386.9	222.4	3.49	7.44	3.25	YES
L0017318	0	0.50140E-06	448346.5	3762386.8	222.2	3.49	7.44	3.25	YES

L0017319	0	0.50140E-06	448362.5	3762386.7	222.0	3.49	7.44	3.25 YES
L0017320	0	0.50140E-06	448378.5	3762386.7	221.8	3.49	7.44	3.25 YES
L0017321	0	0.50140E-06	448394.5	3762386.6	221.6	3.49	7.44	3.25 YES
L0017322	0	0.50140E-06	448410.5	3762386.5	221.4	3.49	7.44	3.25 YES
L0017323	0	0.50140E-06	448426.5	3762386.4	221.2	3.49	7.44	3.25 YES
L0017324	0	0.50140E-06	448442.5	3762386.3	221.0	3.49	7.44	3.25 YES
L0017325	0	0.50140E-06	448458.5	3762386.3	220.8	3.49	7.44	3.25 YES
L0017326	0	0.50140E-06	448474.5	3762386.2	220.6	3.49	7.44	3.25 YES
L0017327	0	0.50140E-06	448490.5	3762386.1	220.4	3.49	7.44	3.25 YES
L0017328	0	0.50140E-06	448506.5	3762386.0	220.2	3.49	7.44	3.25 YES
L0017329	0	0.50140E-06	448522.4	3762386.4	220.0	3.49	7.44	3.25 YES
L0017330	0	0.50140E-06	448538.4	3762387.3	219.8	3.49	7.44	3.25 YES
L0017331	0	0.50140E-06	448554.4	3762388.3	219.5	3.49	7.44	3.25 YES
L0017332	0	0.50140E-06	448570.4	3762389.2	219.3	3.49	7.44	3.25 YES
L0017333	0	0.50140E-06	448586.3	3762390.2	219.1	3.49	7.44	3.25 YES
L0017334	0	0.50140E-06	448602.3	3762391.1	219.0	3.49	7.44	3.25 YES
L0017335	0	0.50140E-06	448618.3	3762392.1	219.0	3.49	7.44	3.25 YES
L0017336	0	0.50140E-06	448634.2	3762393.0	219.0	3.49	7.44	3.25 YES
L0017337	0	0.50140E-06	448650.2	3762394.0	219.1	3.49	7.44	3.25 YES
L0017338	0	0.50140E-06	448666.2	3762394.9	219.1	3.49	7.44	3.25 YES
L0017339	0	0.50140E-06	448682.2	3762395.9	219.1	3.49	7.44	3.25 YES
L0017340	0	0.50140E-06	448698.1	3762396.8	219.1	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0017341	0	0.50140E-06	448714.1	3762397.8	219.1	3.49	7.44	3.25	YES	
L0017342	0	0.50140E-06	448730.1	3762398.7	219.1	3.49	7.44	3.25	YES	
L0017343	0	0.50140E-06	448746.0	3762399.7	219.1	3.49	7.44	3.25	YES	
L0017344	0	0.50140E-06	448762.0	3762400.6	219.2	3.49	7.44	3.25	YES	
L0017345	0	0.50140E-06	448778.0	3762401.5	219.2	3.49	7.44	3.25	YES	
L0017346	0	0.50140E-06	448793.4	3762405.1	219.3	3.49	7.44	3.25	YES	
L0017347	0	0.50140E-06	448808.5	3762410.5	219.5	3.49	7.44	3.25	YES	
L0017348	0	0.50140E-06	448823.5	3762415.9	219.6	3.49	7.44	3.25	YES	
L0017349	0	0.50140E-06	448838.6	3762421.3	219.7	3.49	7.44	3.25	YES	
L0017350	0	0.50140E-06	448853.6	3762426.8	219.8	3.49	7.44	3.25	YES	
L0017351	0	0.50140E-06	448868.7	3762432.2	220.0	3.49	7.44	3.25	YES	
L0017352	0	0.50140E-06	448883.8	3762437.6	220.2	3.49	7.44	3.25	YES	
L0017353	0	0.50140E-06	448898.8	3762443.0	220.5	3.49	7.44	3.25	YES	
L0017354	0	0.50140E-06	448913.9	3762448.5	220.5	3.49	7.44	3.25	YES	
L0017355	0	0.50140E-06	448928.9	3762453.9	220.6	3.49	7.44	3.25	YES	
L0017356	0	0.50140E-06	448944.0	3762459.3	220.6	3.49	7.44	3.25	YES	

L0017357	0	0.50140E-06	448959.0	3762464.7	220.7	3.49	7.44	3.25 YES
L0017358	0	0.50140E-06	448974.1	3762470.2	220.7	3.49	7.44	3.25 YES
L0017359	0	0.50140E-06	448989.1	3762475.6	220.8	3.49	7.44	3.25 YES
L0017360	0	0.50140E-06	449004.2	3762481.0	220.6	3.49	7.44	3.25 YES
L0017361	0	0.50140E-06	449019.2	3762486.4	220.3	3.49	7.44	3.25 YES
L0017362	0	0.50140E-06	449034.3	3762491.7	220.1	3.49	7.44	3.25 YES
L0017363	0	0.50140E-06	449049.4	3762497.0	219.9	3.49	7.44	3.25 YES
L0017364	0	0.50140E-06	449064.5	3762502.4	219.7	3.49	7.44	3.25 YES
L0017365	0	0.50140E-06	449079.6	3762507.7	219.6	3.49	7.44	3.25 YES
L0017366	0	0.50140E-06	449094.7	3762513.0	219.5	3.49	7.44	3.25 YES
L0017367	0	0.50140E-06	449109.8	3762518.3	219.5	3.49	7.44	3.25 YES
L0017368	0	0.50140E-06	449124.9	3762523.6	219.5	3.49	7.44	3.25 YES
L0017369	0	0.50140E-06	449140.0	3762528.9	219.6	3.49	7.44	3.25 YES
L0017370	0	0.50140E-06	449155.1	3762534.2	219.8	3.49	7.44	3.25 YES
L0017371	0	0.50140E-06	449170.1	3762539.6	220.0	3.49	7.44	3.25 YES
L0017372	0	0.50140E-06	449185.2	3762544.9	220.2	3.49	7.44	3.25 YES
L0017373	0	0.50140E-06	449200.3	3762550.2	220.5	3.49	7.44	3.25 YES
L0017374	0	0.50140E-06	449215.4	3762555.5	220.7	3.49	7.44	3.25 YES
L0017375	0	0.50140E-06	449230.5	3762560.8	220.8	3.49	7.44	3.25 YES
L0017376	0	0.50140E-06	449245.6	3762566.1	220.9	3.49	7.44	3.25 YES
L0017377	0	0.50210E-06	445195.5	3760425.0	205.6	0.00	7.44	3.25 YES
L0017378	0	0.50210E-06	445195.6	3760441.0	205.7	0.00	7.44	3.25 YES
L0017379	0	0.50210E-06	445195.7	3760457.0	205.9	0.00	7.44	3.25 YES
L0017380	0	0.50210E-06	445195.8	3760473.0	206.0	0.00	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0017381	0	0.50210E-06	445195.9	3760489.0	206.0	0.00	7.44	3.25	YES	
L0017382	0	0.50210E-06	445196.0	3760505.0	206.0	0.00	7.44	3.25	YES	
L0017383	0	0.50210E-06	445196.1	3760521.0	206.0	0.00	7.44	3.25	YES	
L0017384	0	0.50210E-06	445196.3	3760537.0	206.0	0.00	7.44	3.25	YES	
L0017385	0	0.50210E-06	445196.4	3760553.0	206.0	0.00	7.44	3.25	YES	
L0017386	0	0.50210E-06	445196.5	3760569.0	206.0	0.00	7.44	3.25	YES	
L0017387	0	0.50210E-06	445196.6	3760585.0	206.0	0.00	7.44	3.25	YES	
L0017388	0	0.50210E-06	445196.7	3760601.0	206.0	0.00	7.44	3.25	YES	
L0017389	0	0.50210E-06	445196.8	3760617.0	206.0	0.00	7.44	3.25	YES	
L0017390	0	0.50210E-06	445196.9	3760633.0	206.0	0.00	7.44	3.25	YES	
L0017391	0	0.50210E-06	445197.0	3760649.0	206.0	0.00	7.44	3.25	YES	
L0017392	0	0.50210E-06	445197.1	3760665.0	206.2	0.00	7.44	3.25	YES	
L0017393	0	0.50210E-06	445197.2	3760681.0	206.3	0.00	7.44	3.25	YES	
L0017394	0	0.50210E-06	445197.3	3760697.0	206.5	0.00	7.44	3.25	YES	

L0017395	0	0.50210E-06	445197.4	3760713.0	206.7	0.00	7.44	3.25 YES
L0017396	0	0.50210E-06	445197.5	3760729.0	206.8	0.00	7.44	3.25 YES
L0017397	0	0.50210E-06	445197.6	3760745.0	207.0	0.00	7.44	3.25 YES
L0017398	0	0.50210E-06	445197.8	3760761.0	207.0	0.00	7.44	3.25 YES
L0017399	0	0.50210E-06	445197.9	3760777.0	207.0	0.00	7.44	3.25 YES
L0017400	0	0.50210E-06	445198.0	3760793.0	207.0	0.00	7.44	3.25 YES
L0017401	0	0.50210E-06	445198.1	3760809.0	207.0	0.00	7.44	3.25 YES
L0017402	0	0.50210E-06	445198.2	3760825.0	207.0	0.00	7.44	3.25 YES
L0017403	0	0.50210E-06	445198.3	3760841.0	207.0	0.00	7.44	3.25 YES
L0017404	0	0.50210E-06	445198.4	3760857.0	207.0	0.00	7.44	3.25 YES
L0017405	0	0.50210E-06	445198.5	3760873.0	207.0	0.00	7.44	3.25 YES
L0017406	0	0.50210E-06	445198.6	3760889.0	207.0	0.00	7.44	3.25 YES
L0017407	0	0.50210E-06	445198.7	3760905.0	207.0	0.00	7.44	3.25 YES
L0017408	0	0.50210E-06	445198.8	3760921.0	207.0	0.00	7.44	3.25 YES
L0017409	0	0.50210E-06	445198.9	3760937.0	207.0	0.00	7.44	3.25 YES
L0017410	0	0.50210E-06	445199.0	3760953.0	207.0	0.00	7.44	3.25 YES
L0017411	0	0.50210E-06	445199.1	3760969.0	207.0	0.00	7.44	3.25 YES
L0017412	0	0.50210E-06	445199.2	3760985.0	207.0	0.00	7.44	3.25 YES
L0017413	0	0.50210E-06	445199.4	3761001.0	207.0	0.00	7.44	3.25 YES
L0017414	0	0.50210E-06	445199.5	3761017.0	207.0	0.00	7.44	3.25 YES
L0017415	0	0.50210E-06	445199.6	3761033.0	207.1	0.00	7.44	3.25 YES
L0017416	0	0.50210E-06	445199.7	3761049.0	207.3	0.00	7.44	3.25 YES
L0017417	0	0.50210E-06	445199.8	3761065.0	207.5	0.00	7.44	3.25 YES
L0017418	0	0.50210E-06	445199.9	3761081.0	207.7	0.00	7.44	3.25 YES

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 L0017419         0   0.50210E-06  445200.0 3761097.0   207.8     0.00     7.44
3.25     YES
 L0017420         0   0.50210E-06  445200.1 3761113.0   208.0     0.00     7.44
3.25     YES
↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                 ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:45:11

                                  PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0017421         0   0.50210E-06  445200.2 3761129.0   208.0     0.00     7.44
3.25     YES
 L0017422         0   0.50210E-06  445200.3 3761145.0   208.0     0.00     7.44
3.25     YES
 L0017423         0   0.50210E-06  445200.4 3761161.0   208.0     0.00     7.44
3.25     YES
 L0017424         0   0.50210E-06  445200.5 3761177.0   208.0     0.00     7.44
3.25     YES
 L0017425         0   0.50210E-06  445200.6 3761193.0   208.0     0.00     7.44
3.25     YES
 L0017426         0   0.50210E-06  445200.7 3761209.0   208.0     0.00     7.44
3.25     YES
 L0017427         0   0.50210E-06  445200.9 3761225.0   208.2     0.00     7.44
3.25     YES
 L0017428         0   0.50210E-06  445201.0 3761241.0   208.4     0.00     7.44
3.25     YES
 L0017429         0   0.50210E-06  445201.1 3761257.0   208.6     0.00     7.44
3.25     YES
 L0017430         0   0.50210E-06  445201.2 3761273.0   208.7     0.00     7.44
3.25     YES
 L0017431         0   0.50210E-06  445201.3 3761289.0   208.9     0.00     7.44
3.25     YES
 L0017432         0   0.50210E-06  445201.4 3761305.0   209.1     0.00     7.44
3.25     YES
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L0017433	0	0.50210E-06	445201.5	3761321.0	209.3	0.00	7.44	3.25 YES
L0017434	0	0.50210E-06	445201.6	3761337.0	209.4	0.00	7.44	3.25 YES
L0017435	0	0.50210E-06	445201.7	3761353.0	209.6	0.00	7.44	3.25 YES
L0017436	0	0.50210E-06	445201.8	3761369.0	209.8	0.00	7.44	3.25 YES
L0017437	0	0.50210E-06	445201.9	3761385.0	210.0	0.00	7.44	3.25 YES
L0017438	0	0.50210E-06	445202.0	3761401.0	210.0	0.00	7.44	3.25 YES
L0017439	0	0.50210E-06	445202.1	3761417.0	210.0	0.00	7.44	3.25 YES
L0017440	0	0.50210E-06	445202.2	3761433.0	210.0	0.00	7.44	3.25 YES
L0017441	0	0.50210E-06	445202.4	3761449.0	210.0	0.00	7.44	3.25 YES
L0017442	0	0.50210E-06	445202.5	3761465.0	210.0	0.00	7.44	3.25 YES
L0017443	0	0.50210E-06	445202.6	3761481.0	210.0	0.00	7.44	3.25 YES
L0017444	0	0.50210E-06	445202.7	3761497.0	210.0	0.00	7.44	3.25 YES
L0017445	0	0.50210E-06	445202.8	3761513.0	210.0	0.00	7.44	3.25 YES
L0017446	0	0.50210E-06	445202.9	3761529.0	210.0	0.00	7.44	3.25 YES
L0017447	0	0.50210E-06	445203.0	3761545.0	210.0	0.00	7.44	3.25 YES
L0017448	0	0.50210E-06	445203.1	3761561.0	210.0	0.00	7.44	3.25 YES
L0017449	0	0.50210E-06	445203.2	3761577.0	210.0	0.00	7.44	3.25 YES
L0017450	0	0.50210E-06	445203.3	3761593.0	210.2	0.00	7.44	3.25 YES
L0017451	0	0.50210E-06	445203.4	3761609.0	210.4	0.00	7.44	3.25 YES
L0017452	0	0.50210E-06	445203.5	3761625.0	210.6	0.00	7.44	3.25 YES
L0017453	0	0.50210E-06	445203.6	3761641.0	210.7	0.00	7.44	3.25 YES
L0017454	0	0.50210E-06	445203.7	3761657.0	210.9	0.00	7.44	3.25 YES
L0017455	0	0.50210E-06	445203.8	3761673.0	211.0	0.00	7.44	3.25 YES
L0017456	0	0.50210E-06	445204.0	3761689.0	210.8	0.00	7.44	3.25 YES

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 L0017457         0   0.50210E-06  445204.1 3761705.0   210.6     0.00     7.44
3.25     YES
 L0017458         0   0.50210E-06  445204.2 3761721.0   210.5     0.00     7.44
3.25     YES
 L0017459         0   0.50210E-06  445204.3 3761737.0   210.3     0.00     7.44
3.25     YES
 L0017460         0   0.50210E-06  445204.4 3761753.0   210.1     0.00     7.44
3.25     YES
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0017461	0	0.50210E-06	445204.5	3761769.0	210.1	0.00	7.44	3.25	YES	
L0017462	0	0.50210E-06	445204.6	3761785.0	210.3	0.00	7.44	3.25	YES	
L0017463	0	0.50210E-06	445204.7	3761801.0	210.5	0.00	7.44	3.25	YES	
L0017464	0	0.50210E-06	445204.8	3761817.0	210.7	0.00	7.44	3.25	YES	
L0017465	0	0.50210E-06	445204.9	3761833.0	210.8	0.00	7.44	3.25	YES	
L0017466	0	0.50210E-06	445205.0	3761849.0	211.0	0.00	7.44	3.25	YES	
L0017467	0	0.50210E-06	445205.1	3761865.0	211.1	0.00	7.44	3.25	YES	
L0017468	0	0.50210E-06	445205.2	3761881.0	211.1	0.00	7.44	3.25	YES	
L0017469	0	0.50210E-06	445205.3	3761897.0	211.1	0.00	7.44	3.25	YES	
L0017470	0	0.50210E-06	445205.5	3761913.0	211.1	0.00	7.44	3.25	YES	

L0017471	0	0.50210E-06	445205.6	3761929.0	211.1	0.00	7.44	3.25 YES
L0017472	0	0.50210E-06	445205.7	3761945.0	211.1	0.00	7.44	3.25 YES
L0017473	0	0.50210E-06	445205.8	3761961.0	211.2	0.00	7.44	3.25 YES
L0017474	0	0.50210E-06	445205.9	3761977.0	211.4	0.00	7.44	3.25 YES
L0017475	0	0.50210E-06	445206.0	3761993.0	211.6	0.00	7.44	3.25 YES
L0017476	0	0.50210E-06	445206.1	3762009.0	211.7	0.00	7.44	3.25 YES
L0017477	0	0.50210E-06	445206.4	3762025.0	211.9	0.00	7.44	3.25 YES
L0017478	0	0.50210E-06	445206.7	3762041.0	212.1	0.00	7.44	3.25 YES
L0017479	0	0.50210E-06	445206.9	3762057.0	212.3	0.00	7.44	3.25 YES
L0017480	0	0.50210E-06	445207.2	3762073.0	212.5	0.00	7.44	3.25 YES
L0017481	0	0.50210E-06	445207.5	3762089.0	212.6	0.00	7.44	3.25 YES
L0017482	0	0.50210E-06	445207.8	3762105.0	212.8	0.00	7.44	3.25 YES
L0017483	0	0.50210E-06	445208.1	3762121.0	213.0	0.00	7.44	3.25 YES
L0017484	0	0.50210E-06	445208.3	3762137.0	213.3	0.00	7.44	3.25 YES
L0017485	0	0.50210E-06	445208.6	3762153.0	213.6	0.00	7.44	3.25 YES
L0017486	0	0.50210E-06	445208.9	3762169.0	214.0	0.00	7.44	3.25 YES
L0017487	0	0.50210E-06	445209.2	3762185.0	214.3	0.00	7.44	3.25 YES
L0017488	0	0.50210E-06	445209.4	3762201.0	214.6	0.00	7.44	3.25 YES
L0017489	0	0.50210E-06	445209.7	3762217.0	215.0	0.00	7.44	3.25 YES
L0017490	0	0.50210E-06	445210.0	3762232.9	215.1	0.00	7.44	3.25 YES
L0017491	0	0.50210E-06	445210.3	3762248.9	215.1	0.00	7.44	3.25 YES
L0017492	0	0.50210E-06	445210.6	3762264.9	215.1	0.00	7.44	3.25 YES
L0017493	0	0.50210E-06	445210.8	3762280.9	215.1	0.00	7.44	3.25 YES
L0017494	0	0.50210E-06	445211.1	3762296.9	215.1	0.00	7.44	3.25 YES

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 L0017495         0   0.50210E-06  445211.4 3762312.9   215.1     0.00     7.44
3.25     YES
 L0017496         0   0.50210E-06  445211.7 3762328.9   215.9     0.00     7.44
3.25     YES
 L0017497         0   0.50210E-06  445211.9 3762344.9   216.8     0.00     7.44
3.25     YES
 L0017498         0   0.50210E-06  445212.2 3762360.9   217.7     0.00     7.44
3.25     YES
 L0017499         0   0.50210E-06  445212.5 3762376.9   218.5     0.00     7.44
3.25     YES
 L0017500         0   0.50210E-06  445212.8 3762392.9   219.4     0.00     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:45:11

                                  PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0017501         0   0.50210E-06  445213.1 3762408.9   220.1     0.00     7.44
3.25     YES
 L0017502         0   0.50210E-06  445213.3 3762424.9   219.9     0.00     7.44
3.25     YES
 L0017503         0   0.50210E-06  445213.6 3762440.9   219.7     0.00     7.44
3.25     YES
 L0017504         0   0.50210E-06  445213.9 3762456.9   219.5     0.00     7.44
3.25     YES
 L0017505         0   0.50210E-06  445214.2 3762472.9   219.3     0.00     7.44
3.25     YES
 L0017506         0   0.50210E-06  445214.4 3762488.9   219.1     0.00     7.44
3.25     YES
 L0017507         0   0.50210E-06  445214.7 3762504.9   218.9     0.00     7.44
3.25     YES
 L0017508         0   0.50210E-06  445215.0 3762520.9   218.7     0.00     7.44
3.25     YES
```

L0017509	0	0.50210E-06	445215.3	3762536.9	218.6	0.00	7.44	3.25 YES
L0017510	0	0.50210E-06	445215.6	3762552.9	218.4	0.00	7.44	3.25 YES
L0017511	0	0.50210E-06	445215.8	3762568.9	218.3	0.00	7.44	3.25 YES
L0017512	0	0.50210E-06	445216.1	3762584.9	218.2	0.00	7.44	3.25 YES
L0017513	0	0.50210E-06	445216.4	3762600.9	218.5	0.00	7.44	3.25 YES
L0017514	0	0.50210E-06	445216.7	3762616.9	219.2	0.00	7.44	3.25 YES
L0017515	0	0.50210E-06	445217.0	3762632.9	219.9	0.00	7.44	3.25 YES
L0017516	0	0.50210E-06	445217.2	3762648.9	220.6	0.00	7.44	3.25 YES
L0017517	0	0.50210E-06	445217.5	3762664.9	221.3	0.00	7.44	3.25 YES
L0017518	0	0.50210E-06	445217.8	3762680.9	222.0	0.00	7.44	3.25 YES
L0017519	0	0.50210E-06	445218.1	3762696.9	222.4	0.00	7.44	3.25 YES
L0017520	0	0.50210E-06	445218.3	3762712.9	222.6	0.00	7.44	3.25 YES
L0017521	0	0.50210E-06	445218.6	3762728.9	222.9	0.00	7.44	3.25 YES
L0017522	0	0.50210E-06	445218.9	3762744.9	223.2	0.00	7.44	3.25 YES
L0017523	0	0.50210E-06	445219.2	3762760.9	223.5	0.00	7.44	3.25 YES
L0017524	0	0.50210E-06	445219.5	3762776.9	223.7	0.00	7.44	3.25 YES
L0017525	0	0.50210E-06	445219.7	3762792.9	223.1	0.00	7.44	3.25 YES
L0017526	0	0.50210E-06	445220.0	3762808.9	222.5	0.00	7.44	3.25 YES
L0017527	0	0.50210E-06	445220.3	3762824.9	221.9	0.00	7.44	3.25 YES
L0017528	0	0.50210E-06	445220.6	3762840.9	221.2	0.00	7.44	3.25 YES
L0017529	0	0.50210E-06	445220.8	3762856.9	220.6	0.00	7.44	3.25 YES
L0017530	0	0.50210E-06	445221.1	3762872.9	220.2	0.00	7.44	3.25 YES
L0017531	0	0.50210E-06	445221.4	3762888.9	220.5	0.00	7.44	3.25 YES
L0017532	0	0.50210E-06	445221.7	3762904.8	220.8	0.00	7.44	3.25 YES

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 L0017533         0   0.50210E-06  445222.0 3762920.8   221.0     0.00     7.44
3.25     YES
 L0017534         0   0.50210E-06  445222.2 3762936.8   221.3     0.00     7.44
3.25     YES
 L0017535         0   0.50210E-06  445222.5 3762952.8   221.5     0.00     7.44
3.25     YES
 L0017536         0   0.50210E-06  445222.8 3762968.8   221.5     0.00     7.44
3.25     YES
 L0017537         0   0.50210E-06  445223.0 3762984.8   221.0     0.00     7.44
3.25     YES
 L0017538         0   0.50210E-06  445223.3 3763000.8   220.5     0.00     7.44
3.25     YES
 L0017539         0   0.50210E-06  445223.5 3763016.8   220.0     0.00     7.44
3.25     YES
 L0017540         0   0.50210E-06  445223.7 3763032.8   219.5     0.00     7.44
3.25     YES
```


*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0017541	0	0.50210E-06	445224.0	3763048.8	219.0	0.00	7.44	3.25	YES	
L0017542	0	0.50210E-06	445224.2	3763064.8	219.1	0.00	7.44	3.25	YES	
L0017543	0	0.50210E-06	445224.5	3763080.8	219.4	0.00	7.44	3.25	YES	
L0017544	0	0.50210E-06	445224.7	3763096.8	219.8	0.00	7.44	3.25	YES	
L0017545	0	0.50210E-06	445225.0	3763112.8	220.1	0.00	7.44	3.25	YES	
L0017546	0	0.50210E-06	445225.2	3763128.8	220.4	0.00	7.44	3.25	YES	

L0017547	0	0.50210E-06	445225.5	3763144.8	220.8	0.00	7.44	3.25 YES
L0017548	0	0.50210E-06	445225.7	3763160.8	221.4	0.00	7.44	3.25 YES
L0017549	0	0.50210E-06	445226.0	3763176.8	221.9	0.00	7.44	3.25 YES
L0017550	0	0.50210E-06	445226.2	3763192.8	222.5	0.00	7.44	3.25 YES
L0017551	0	0.50210E-06	445226.4	3763208.8	223.1	0.00	7.44	3.25 YES
L0017552	0	0.50210E-06	445226.7	3763224.8	223.7	0.00	7.44	3.25 YES
L0017553	0	0.50210E-06	445226.9	3763240.8	224.2	0.00	7.44	3.25 YES
L0017554	0	0.50210E-06	445227.2	3763256.8	224.4	0.00	7.44	3.25 YES
L0017555	0	0.50210E-06	445227.4	3763272.8	224.6	0.00	7.44	3.25 YES
L0017556	0	0.50210E-06	445227.7	3763288.8	224.7	0.00	7.44	3.25 YES
L0017557	0	0.50210E-06	445227.9	3763304.8	224.9	0.00	7.44	3.25 YES
L0017558	0	0.50210E-06	445228.2	3763320.8	225.1	0.00	7.44	3.25 YES
L0017559	0	0.50210E-06	445228.4	3763336.8	225.1	0.00	7.44	3.25 YES
L0017560	0	0.50210E-06	445228.7	3763352.8	224.9	0.00	7.44	3.25 YES
L0017561	0	0.50210E-06	445228.9	3763368.8	224.7	0.00	7.44	3.25 YES
L0017562	0	0.50210E-06	445229.1	3763384.8	224.5	0.00	7.44	3.25 YES
L0017563	0	0.50210E-06	445229.4	3763400.8	224.3	0.00	7.44	3.25 YES
L0017564	0	0.50210E-06	445229.6	3763416.8	224.1	0.00	7.44	3.25 YES
L0017565	0	0.50210E-06	445229.9	3763432.8	224.2	0.00	7.44	3.25 YES
L0017566	0	0.50210E-06	445230.1	3763448.8	224.6	0.00	7.44	3.25 YES
L0017567	0	0.50210E-06	445230.4	3763464.8	224.9	0.00	7.44	3.25 YES
L0017568	0	0.50210E-06	445230.6	3763480.8	225.2	0.00	7.44	3.25 YES
L0017569	0	0.50210E-06	445230.9	3763496.8	225.6	0.00	7.44	3.25 YES
L0017570	0	0.50210E-06	445231.1	3763512.8	225.9	0.00	7.44	3.25 YES

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 L0017571         0   0.50210E-06  445231.4 3763528.8   226.4     0.00     7.44
3.25     YES
 L0017572         0   0.50210E-06  445231.6 3763544.8   226.9     0.00     7.44
3.25     YES
 L0017573         0   0.50210E-06  445231.9 3763560.8   227.4     0.00     7.44
3.25     YES
 L0017574         0   0.50210E-06  445232.1 3763576.8   227.8     0.00     7.44
3.25     YES
 L0017575         0   0.50210E-06  445232.3 3763592.8   228.3     0.00     7.44
3.25     YES
 L0017576         0   0.50210E-06  445232.6 3763608.8   228.8     0.00     7.44
3.25     YES
 L0017577         0   0.50210E-06  445232.8 3763624.8   228.8     0.00     7.44
3.25     YES
 L0017578         0   0.50210E-06  445233.1 3763640.8   228.9     0.00     7.44
3.25     YES
 L0017579         0   0.50210E-06  445233.3 3763656.8   229.0     0.00     7.44
3.25     YES
 L0017580         0   0.50210E-06  445233.6 3763672.8   229.1     0.00     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:45:11

                                  PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0017581         0   0.50210E-06  445233.8 3763688.8   229.2     0.00     7.44
3.25     YES
 L0017582         0   0.50210E-06  445234.1 3763704.8   229.4     0.00     7.44
3.25     YES
 L0017583         0   0.50210E-06  445234.3 3763720.8   229.9     0.00     7.44
3.25     YES
 L0017584         0   0.50210E-06  445234.6 3763736.7   230.3     0.00     7.44
3.25     YES
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L0017585	0	0.50210E-06	445234.8	3763752.7	230.8	0.00	7.44	3.25 YES
L0017586	0	0.50210E-06	445235.0	3763768.7	231.3	0.00	7.44	3.25 YES
L0017587	0	0.50210E-06	445235.3	3763784.7	231.8	0.00	7.44	3.25 YES
L0017588	0	0.50210E-06	445235.5	3763800.7	231.9	0.00	7.44	3.25 YES
L0017589	0	0.50210E-06	445235.8	3763816.7	231.8	0.00	7.44	3.25 YES
L0017590	0	0.50210E-06	445236.0	3763832.7	231.7	0.00	7.44	3.25 YES
L0017591	0	0.50210E-06	445236.3	3763848.7	231.6	0.00	7.44	3.25 YES
L0017592	0	0.50210E-06	445236.5	3763864.7	231.4	0.00	7.44	3.25 YES
L0017593	0	0.50210E-06	445236.8	3763880.7	231.3	0.00	7.44	3.25 YES
L0017594	0	0.50210E-06	445237.0	3763896.7	231.9	0.00	7.44	3.25 YES
L0017595	0	0.50210E-06	445237.3	3763912.7	232.7	0.00	7.44	3.25 YES
L0017596	0	0.50210E-06	445237.5	3763928.7	233.5	0.00	7.44	3.25 YES
L0017597	0	0.50210E-06	445237.7	3763944.7	234.3	0.00	7.44	3.25 YES
L0017598	0	0.50210E-06	445238.0	3763960.7	235.1	0.00	7.44	3.25 YES
L0017599	0	0.50210E-06	445238.2	3763976.7	236.0	0.00	7.44	3.25 YES
L0017600	0	0.50210E-06	445238.5	3763992.7	235.8	0.00	7.44	3.25 YES
L0017601	0	0.50210E-06	445238.7	3764008.7	235.6	0.00	7.44	3.25 YES
L0017602	0	0.50210E-06	445239.0	3764024.7	235.3	0.00	7.44	3.25 YES
L0017603	0	0.50210E-06	445239.2	3764040.7	235.1	0.00	7.44	3.25 YES
L0017604	0	0.50210E-06	445239.5	3764056.7	234.9	0.00	7.44	3.25 YES
L0017605	0	0.50210E-06	445239.7	3764072.7	234.7	0.00	7.44	3.25 YES
L0017606	0	0.50210E-06	445240.0	3764088.7	234.6	0.00	7.44	3.25 YES
L0017607	0	0.50210E-06	445240.2	3764104.7	234.6	0.00	7.44	3.25 YES
L0017608	0	0.50210E-06	445240.4	3764120.7	234.5	0.00	7.44	3.25 YES

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 L0017609         0   0.50210E-06  445240.7 3764136.7   234.4     0.00     7.44
3.25     YES
 L0017610         0   0.50210E-06  445240.9 3764152.7   234.4     0.00     7.44
3.25     YES
 L0017611         0   0.50210E-06  445241.2 3764168.7   234.7     0.00     7.44
3.25     YES
 L0017612         0   0.50210E-06  445241.4 3764184.7   235.8     0.00     7.44
3.25     YES
 L0017613         0   0.50210E-06  445241.7 3764200.7   236.8     0.00     7.44
3.25     YES
 L0017614         0   0.50210E-06  445241.9 3764216.7   237.8     0.00     7.44
3.25     YES
 L0017615         0   0.50210E-06  445242.2 3764232.7   238.9     0.00     7.44
3.25     YES
 L0017616         0   0.50210E-06  445242.4 3764248.7   239.9     0.00     7.44
3.25     YES
 L0017617         0   0.50210E-06  445242.7 3764264.7   240.3     0.00     7.44
3.25     YES
 L0017618         0   0.50210E-06  445242.9 3764280.7   240.2     0.00     7.44
3.25     YES
 L0017619         0   0.50210E-06  445243.1 3764296.7   240.2     0.00     7.44
3.25     YES
 L0017620         0   0.50210E-06  445243.3 3764312.7   240.1     0.00     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:45:11

                                   PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0017621         0   0.50210E-06  445243.4 3764328.7   240.1     0.00     7.44
3.25     YES
 L0017622         0   0.50210E-06  445243.5 3764344.7   240.0     0.00     7.44
3.25     YES
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L0017623	0	0.50210E-06	445243.6	3764360.7	239.6	0.00	7.44
3.25	YES						
L0017624	0	0.50210E-06	445243.8	3764376.7	239.1	0.00	7.44
3.25	YES						
L0017625	0	0.50210E-06	445243.9	3764392.7	238.5	0.00	7.44
3.25	YES						
L0017626	0	0.50210E-06	445244.0	3764408.7	238.0	0.00	7.44
3.25	YES						
L0017627	0	0.50210E-06	445244.1	3764424.7	237.5	0.00	7.44
3.25	YES						
L0017628	0	0.50210E-06	445244.2	3764440.7	237.0	0.00	7.44
3.25	YES						
L0017629	0	0.50210E-06	445244.3	3764456.7	237.0	0.00	7.44
3.25	YES						
L0017630	0	0.50210E-06	445244.4	3764472.7	237.0	0.00	7.44
3.25	YES						
L0017631	0	0.50210E-06	445244.5	3764488.7	237.0	0.00	7.44
3.25	YES						
L0017632	0	0.50210E-06	445244.7	3764504.7	237.0	0.00	7.44
3.25	YES						
L0017633	0	0.50210E-06	445244.8	3764520.7	237.0	0.00	7.44
3.25	YES						
L0017634	0	0.50210E-06	445244.9	3764536.7	237.2	0.00	7.44
3.25	YES						
L0017635	0	0.50210E-06	445245.0	3764552.7	238.1	0.00	7.44
3.25	YES						
L0017636	0	0.50210E-06	445245.1	3764568.7	239.0	0.00	7.44
3.25	YES						
L0017637	0	0.50210E-06	445245.2	3764584.7	239.9	0.00	7.44
3.25	YES						
L0017638	0	0.50210E-06	445245.3	3764600.7	240.7	0.00	7.44
3.25	YES						
L0017639	0	0.50210E-06	445245.4	3764616.7	241.6	0.00	7.44
3.25	YES						
L0017640	0	0.50210E-06	445245.6	3764632.7	242.0	0.00	7.44
3.25	YES						
L0017641	0	0.50210E-06	445245.7	3764648.7	241.9	0.00	7.44
3.25	YES						
L0017642	0	0.50210E-06	445245.8	3764664.7	241.9	0.00	7.44
3.25	YES						
L0017643	0	0.50210E-06	445245.9	3764680.7	241.8	0.00	7.44
3.25	YES						
L0017644	0	0.50210E-06	445246.0	3764696.7	241.7	0.00	7.44
3.25	YES						
L0017645	0	0.50210E-06	445246.1	3764712.7	241.7	0.00	7.44
3.25	YES						
L0017646	0	0.50210E-06	445246.2	3764728.7	241.5	0.00	7.44
3.25	YES						

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 L0017647         0   0.50210E-06  445246.3 3764744.7   241.4     0.00     7.44
3.25     YES
 L0017648         0   0.50210E-06  445246.5 3764760.7   241.2     0.00     7.44
3.25     YES
 L0017649         0   0.50210E-06  445246.6 3764776.7   241.0     0.00     7.44
3.25     YES
 L0017650         0   0.50210E-06  445246.7 3764792.7   240.9     0.00     7.44
3.25     YES
 L0017651         0   0.50210E-06  445246.8 3764808.7   240.7     0.00     7.44
3.25     YES
 L0017652         0   0.50210E-06  445246.9 3764824.7   241.6     0.00     7.44
3.25     YES
 L0017653         0   0.50210E-06  445247.0 3764840.7   242.5     0.00     7.44
3.25     YES
 L0017654         0   0.50210E-06  445247.1 3764856.7   243.4     0.00     7.44
3.25     YES
 L0017655         0   0.50210E-06  445247.2 3764872.7   244.3     0.00     7.44
3.25     YES
 L0017656         0   0.50210E-06  445247.4 3764888.7   245.2     0.00     7.44
3.25     YES
 L0017657         0   0.50210E-06  445247.5 3764904.7   246.0     0.00     7.44
3.25     YES
 L0017658         0   0.50210E-06  445247.6 3764920.7   246.2     0.00     7.44
3.25     YES
 L0017659         0   0.50210E-06  445247.7 3764936.7   246.4     0.00     7.44
3.25     YES
 L0017660         0   0.50210E-06  445247.8 3764952.7   246.6     0.00     7.44
3.25     YES
↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:45:11

                                   PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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L0017661	0	0.50210E-06	445247.9	3764968.7	246.7	0.00	7.44
3.25	YES						
L0017662	0	0.50210E-06	445248.0	3764984.7	246.9	0.00	7.44
3.25	YES						
L0017663	0	0.50210E-06	445248.1	3765000.7	247.0	0.00	7.44
3.25	YES						
L0017664	0	0.50210E-06	445248.2	3765016.7	247.1	0.00	7.44
3.25	YES						
L0017665	0	0.50210E-06	445248.4	3765032.7	247.1	0.00	7.44
3.25	YES						
L0017666	0	0.50210E-06	445248.5	3765048.7	247.2	0.00	7.44
3.25	YES						
L0017667	0	0.50210E-06	445248.6	3765064.7	247.3	0.00	7.44
3.25	YES						
L0017668	0	0.50210E-06	445248.7	3765080.7	247.3	0.00	7.44
3.25	YES						
L0017669	0	0.50210E-06	445248.8	3765096.7	247.2	0.00	7.44
3.25	YES						
L0017670	0	0.50210E-06	445248.9	3765112.7	247.1	0.00	7.44
3.25	YES						
L0017671	0	0.50210E-06	445249.0	3765128.7	246.9	0.00	7.44
3.25	YES						
L0017672	0	0.50210E-06	445249.1	3765144.7	246.7	0.00	7.44
3.25	YES						
L0017673	0	0.50210E-06	445249.3	3765160.7	246.5	0.00	7.44
3.25	YES						
L0017674	0	0.50210E-06	445249.4	3765176.7	246.4	0.00	7.44
3.25	YES						
L0017675	0	0.50210E-06	445249.5	3765192.7	246.4	0.00	7.44
3.25	YES						
L0017676	0	0.50210E-06	445249.6	3765208.7	246.4	0.00	7.44
3.25	YES						
L0017677	0	0.50210E-06	445249.7	3765224.7	246.5	0.00	7.44
3.25	YES						
L0017678	0	0.50210E-06	445249.8	3765240.7	246.6	0.00	7.44
3.25	YES						
L0017679	0	0.50210E-06	445249.9	3765256.7	246.6	0.00	7.44
3.25	YES						
L0017680	0	0.50210E-06	445250.0	3765272.7	246.7	0.00	7.44
3.25	YES						
L0017681	0	0.50210E-06	445250.2	3765288.7	246.7	0.00	7.44
3.25	YES						
L0017682	0	0.50210E-06	445250.3	3765304.7	246.7	0.00	7.44
3.25	YES						
L0017683	0	0.50210E-06	445250.4	3765320.7	246.7	0.00	7.44
3.25	YES						
L0017684	0	0.50210E-06	445250.5	3765336.7	246.7	0.00	7.44
3.25	YES						

L0017685	0	0.50210E-06	445250.6	3765352.7	246.7	0.00	7.44	3.25 YES
L0017686	0	0.50210E-06	445250.7	3765368.7	246.8	0.00	7.44	3.25 YES
L0017687	0	0.50210E-06	445250.8	3765384.7	247.3	0.00	7.44	3.25 YES
L0017688	0	0.50210E-06	445250.9	3765400.7	247.7	0.00	7.44	3.25 YES
L0017689	0	0.50210E-06	445251.1	3765416.7	248.2	0.00	7.44	3.25 YES
L0017690	0	0.50210E-06	445251.2	3765432.7	248.7	0.00	7.44	3.25 YES
L0017691	0	0.50210E-06	445251.3	3765448.7	249.1	0.00	7.44	3.25 YES
L0017692	0	0.50210E-06	445251.4	3765464.7	249.9	0.00	7.44	3.25 YES
L0017693	0	0.50210E-06	445251.5	3765480.7	250.9	0.00	7.44	3.25 YES
L0017694	0	0.50210E-06	445251.6	3765496.7	251.8	0.00	7.44	3.25 YES
L0017695	0	0.50210E-06	445251.7	3765512.7	252.8	0.00	7.44	3.25 YES
L0017696	0	0.50210E-06	445251.8	3765528.7	253.8	0.00	7.44	3.25 YES
L0017697	0	0.50210E-06	445252.0	3765544.7	254.8	0.00	7.44	3.25 YES
L0017698	0	0.50210E-06	445252.1	3765560.7	255.0	0.00	7.44	3.25 YES
L0017699	0	0.50210E-06	445252.2	3765576.7	255.0	0.00	7.44	3.25 YES
L0017700	0	0.50210E-06	445252.3	3765592.7	255.0	0.00	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

(METERS) BY

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L0017723	0	0.25100E-06	445193.5	3760164.0	202.7	3.49	7.44	3.25 YES
L0017724	0	0.25100E-06	445193.1	3760148.0	202.6	3.49	7.44	3.25 YES
L0017725	0	0.25100E-06	445192.7	3760132.0	202.4	3.49	7.44	3.25 YES
L0017726	0	0.25100E-06	445192.4	3760116.1	202.2	3.49	7.44	3.25 YES
L0017727	0	0.25100E-06	445192.0	3760100.1	202.1	3.49	7.44	3.25 YES
L0017728	0	0.25100E-06	445191.6	3760084.1	202.1	3.49	7.44	3.25 YES
L0017729	0	0.25100E-06	445191.3	3760068.1	202.1	3.49	7.44	3.25 YES
L0017730	0	0.25100E-06	445190.9	3760052.1	202.1	3.49	7.44	3.25 YES
L0017731	0	0.25100E-06	445190.5	3760036.1	202.1	3.49	7.44	3.25 YES
L0017732	0	0.25100E-06	445190.1	3760020.1	202.1	3.49	7.44	3.25 YES
L0017733	0	0.25100E-06	445189.8	3760004.1	202.0	3.49	7.44	3.25 YES
L0017734	0	0.25100E-06	445189.4	3759988.1	201.9	3.49	7.44	3.25 YES
L0017735	0	0.25100E-06	445189.0	3759972.1	201.7	3.49	7.44	3.25 YES
L0017736	0	0.25100E-06	445188.7	3759956.1	201.5	3.49	7.44	3.25 YES
L0017737	0	0.25100E-06	445188.3	3759940.1	201.4	3.49	7.44	3.25 YES
L0017738	0	0.25100E-06	445188.1	3759924.1	201.2	3.49	7.44	3.25 YES
L0017739	0	0.25100E-06	445188.0	3759908.1	201.0	3.49	7.44	3.25 YES
L0017740	0	0.25100E-06	445187.8	3759892.1	200.8	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE BASE RELEASE INIT.

INIT. SOURCE ID	URBAN PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE VARY BY
L0017741	0	0.25100E-06	445187.6	3759876.1	200.7	3.49	7.44	3.25	YES
L0017742	0	0.25100E-06	445189.2	3759860.2	200.5	3.49	7.44	3.25	YES
L0017743	0	0.25100E-06	445191.4	3759844.4	200.3	3.49	7.44	3.25	YES
L0017744	0	0.25100E-06	445193.6	3759828.5	200.1	3.49	7.44	3.25	YES
L0017745	0	0.25100E-06	445195.8	3759812.7	199.9	3.49	7.44	3.25	YES
L0017746	0	0.25100E-06	445198.0	3759796.8	199.7	3.49	7.44	3.25	YES
L0017747	0	0.25100E-06	445200.2	3759781.0	199.5	3.49	7.44	3.25	YES
L0017748	0	0.25100E-06	445201.8	3759765.1	199.3	3.49	7.44	3.25	YES
L0017749	0	0.25100E-06	445202.5	3759749.1	199.1	3.49	7.44	3.25	YES
L0017750	0	0.25100E-06	445203.2	3759733.1	198.9	3.49	7.44	3.25	YES
L0017751	0	0.25100E-06	445203.9	3759717.1	198.7	3.49	7.44	3.25	YES
L0017752	0	0.25100E-06	445204.6	3759701.1	198.6	3.49	7.44	3.25	YES
L0017753	0	0.25100E-06	445205.3	3759685.2	198.4	3.49	7.44	3.25	YES
L0017754	0	0.25100E-06	445205.6	3759669.2	198.2	3.49	7.44	3.25	YES
L0017755	0	0.25100E-06	445205.9	3759653.2	198.0	3.49	7.44	3.25	YES
L0017756	0	0.25100E-06	445206.3	3759637.2	197.8	3.49	7.44	3.25	YES
L0017757	0	0.25100E-06	445206.6	3759621.2	197.7	3.49	7.44	3.25	YES
L0017758	0	0.25100E-06	445206.9	3759605.2	197.5	3.49	7.44	3.25	YES
L0017759	0	0.25100E-06	445207.3	3759589.2	197.3	3.49	7.44	3.25	YES
L0017760	0	0.25100E-06	445212.1	3759577.7	197.1	3.49	7.44	3.25	YES

L0017761	0	0.25100E-06	445228.1	3759577.8	196.9	3.49	7.44	3.25 YES
L0017762	0	0.25100E-06	445244.1	3759577.8	196.7	3.49	7.44	3.25 YES
L0017763	0	0.25100E-06	445260.1	3759577.8	196.5	3.49	7.44	3.25 YES
L0017764	0	0.25100E-06	445276.1	3759577.9	196.5	3.49	7.44	3.25 YES
L0017765	0	0.25100E-06	445292.1	3759577.9	196.6	3.49	7.44	3.25 YES
L0017766	0	0.25100E-06	445308.1	3759577.9	196.7	3.49	7.44	3.25 YES
L0017767	0	0.25100E-06	445324.1	3759577.9	196.8	3.49	7.44	3.25 YES
L0017768	0	0.25100E-06	445340.1	3759578.0	197.0	3.49	7.44	3.25 YES
L0017769	0	0.25100E-06	445356.1	3759578.0	197.4	3.49	7.44	3.25 YES
L0017770	0	0.25100E-06	445372.1	3759578.0	197.9	3.49	7.44	3.25 YES
L0017771	0	0.25100E-06	445388.1	3759578.1	198.4	3.49	7.44	3.25 YES
L0017772	0	0.25100E-06	445404.1	3759578.1	198.9	3.49	7.44	3.25 YES
L0017773	0	0.25100E-06	445420.1	3759578.1	199.4	3.49	7.44	3.25 YES
L0017774	0	0.25100E-06	445436.1	3759578.1	199.6	3.49	7.44	3.25 YES
L0017775	0	0.25100E-06	445452.1	3759578.2	199.8	3.49	7.44	3.25 YES
L0017776	0	0.25100E-06	445468.1	3759578.2	200.0	3.49	7.44	3.25 YES
L0017777	0	0.25100E-06	445484.1	3759578.2	200.2	3.49	7.44	3.25 YES
L0017778	0	0.25100E-06	445500.1	3759578.2	200.4	3.49	7.44	3.25 YES
L0017779	0	0.25100E-06	445516.1	3759578.3	200.9	3.49	7.44	3.25 YES
L0017780	0	0.25100E-06	445532.1	3759578.3	201.3	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0017781	0	0.25100E-06	445548.1	3759578.3	201.7	3.49	7.44	3.25	YES
L0017782	0	0.25100E-06	445564.1	3759578.4	202.1	3.49	7.44	3.25	YES
L0017783	0	0.25100E-06	445580.1	3759578.4	202.4	3.49	7.44	3.25	YES
L0017784	0	0.25100E-06	445596.1	3759578.4	202.3	3.49	7.44	3.25	YES
L0017785	0	0.25100E-06	445612.1	3759578.4	202.2	3.49	7.44	3.25	YES
L0017786	0	0.25100E-06	445628.1	3759578.5	202.1	3.49	7.44	3.25	YES
L0017787	0	0.25100E-06	445644.1	3759578.5	202.1	3.49	7.44	3.25	YES
L0017788	0	0.25100E-06	445660.1	3759578.5	201.9	3.49	7.44	3.25	YES
L0017789	0	0.25100E-06	445676.1	3759578.6	201.8	3.49	7.44	3.25	YES
L0017790	0	0.25100E-06	445692.1	3759578.6	201.7	3.49	7.44	3.25	YES
L0017791	0	0.25100E-06	445708.1	3759578.6	201.6	3.49	7.44	3.25	YES
L0017792	0	0.25100E-06	445724.1	3759578.6	201.5	3.49	7.44	3.25	YES
L0017793	0	0.25100E-06	445740.1	3759578.7	201.4	3.49	7.44	3.25	YES
L0017794	0	0.25100E-06	445756.1	3759578.7	201.4	3.49	7.44	3.25	YES
L0017795	0	0.25100E-06	445772.1	3759578.7	201.4	3.49	7.44	3.25	YES
L0017796	0	0.25100E-06	445788.1	3759578.8	201.4	3.49	7.44	3.25	YES
L0017797	0	0.25100E-06	445804.1	3759578.8	201.4	3.49	7.44	3.25	YES
L0017798	0	0.25100E-06	445820.1	3759578.8	201.4	3.49	7.44	3.25	YES

L0017799	0	0.25100E-06	445836.1	3759578.8	201.4	3.49	7.44	3.25 YES
L0017800	0	0.25100E-06	445852.1	3759578.9	201.4	3.49	7.44	3.25 YES
L0017801	0	0.25100E-06	445868.1	3759578.9	201.4	3.49	7.44	3.25 YES
L0017802	0	0.25100E-06	445884.1	3759578.9	201.4	3.49	7.44	3.25 YES
L0017803	0	0.25100E-06	445900.1	3759578.9	201.4	3.49	7.44	3.25 YES
L0017804	0	0.25100E-06	445916.1	3759579.0	201.4	3.49	7.44	3.25 YES
L0017805	0	0.25100E-06	445932.1	3759579.0	201.4	3.49	7.44	3.25 YES
L0017806	0	0.25100E-06	445948.1	3759579.0	201.4	3.49	7.44	3.25 YES
L0017807	0	0.25100E-06	445964.1	3759579.1	201.4	3.49	7.44	3.25 YES
L0017808	0	0.25100E-06	445980.1	3759579.1	201.2	3.49	7.44	3.25 YES
L0017809	0	0.25100E-06	445996.1	3759579.1	201.0	3.49	7.44	3.25 YES
L0017810	0	0.25100E-06	446012.1	3759579.1	200.8	3.49	7.44	3.25 YES
L0017811	0	0.25100E-06	446028.1	3759579.2	200.6	3.49	7.44	3.25 YES
L0017812	0	0.25100E-06	446044.1	3759579.2	200.5	3.49	7.44	3.25 YES
L0017813	0	0.25100E-06	446060.1	3759579.2	200.5	3.49	7.44	3.25 YES
L0017814	0	0.25100E-06	446076.1	3759579.0	200.5	3.49	7.44	3.25 YES
L0017815	0	0.25100E-06	446092.1	3759578.9	200.5	3.49	7.44	3.25 YES
L0017816	0	0.25100E-06	446108.1	3759578.8	200.5	3.49	7.44	3.25 YES
L0017817	0	0.25100E-06	446124.1	3759578.6	200.5	3.49	7.44	3.25 YES
L0017818	0	0.25100E-06	446140.1	3759578.5	200.5	3.49	7.44	3.25 YES
L0017819	0	0.25100E-06	446156.1	3759578.3	200.5	3.49	7.44	3.25 YES
L0017820	0	0.25100E-06	446172.1	3759578.2	200.5	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0017821	0	0.25100E-06	446188.1	3759578.0	200.5	3.49	7.44	3.25	YES	
L0017822	0	0.25100E-06	446204.1	3759577.9	200.3	3.49	7.44	3.25	YES	
L0017823	0	0.25100E-06	446220.1	3759577.7	200.1	3.49	7.44	3.25	YES	
L0017824	0	0.25100E-06	446236.1	3759577.6	199.9	3.49	7.44	3.25	YES	
L0017825	0	0.25100E-06	446252.1	3759577.5	199.7	3.49	7.44	3.25	YES	
L0017826	0	0.25100E-06	446268.1	3759577.3	199.5	3.49	7.44	3.25	YES	
L0017827	0	0.25100E-06	446284.1	3759577.2	199.4	3.49	7.44	3.25	YES	
L0017828	0	0.25100E-06	446300.1	3759577.0	199.4	3.49	7.44	3.25	YES	
L0017829	0	0.25100E-06	446316.1	3759576.9	199.4	3.49	7.44	3.25	YES	
L0017830	0	0.25100E-06	446332.1	3759576.7	199.4	3.49	7.44	3.25	YES	
L0017831	0	0.25100E-06	446348.1	3759576.6	199.4	3.49	7.44	3.25	YES	
L0017832	0	0.25100E-06	446364.1	3759576.4	199.4	3.49	7.44	3.25	YES	
L0017833	0	0.25100E-06	446380.1	3759576.3	199.4	3.49	7.44	3.25	YES	
L0017834	0	0.25100E-06	446396.1	3759576.2	199.4	3.49	7.44	3.25	YES	
L0017835	0	0.25100E-06	446412.1	3759576.0	199.4	3.49	7.44	3.25	YES	
L0017836	0	0.25100E-06	446428.1	3759575.9	199.4	3.49	7.44	3.25	YES	

L0017837	0	0.25100E-06	446444.0	3759575.7	199.4	3.49	7.44	3.25 YES
L0017838	0	0.25100E-06	446460.0	3759575.6	199.4	3.49	7.44	3.25 YES
L0017839	0	0.25100E-06	446476.0	3759575.4	199.4	3.49	7.44	3.25 YES
L0017840	0	0.25100E-06	446492.0	3759575.3	199.4	3.49	7.44	3.25 YES
L0017841	0	0.25100E-06	446508.0	3759575.1	199.4	3.49	7.44	3.25 YES
L0017842	0	0.25100E-06	446524.0	3759575.0	199.3	3.49	7.44	3.25 YES
L0017843	0	0.25100E-06	446540.0	3759574.9	199.2	3.49	7.44	3.25 YES
L0017844	0	0.25100E-06	446556.0	3759574.7	199.1	3.49	7.44	3.25 YES
L0017845	0	0.25100E-06	446572.0	3759574.6	199.0	3.49	7.44	3.25 YES
L0017846	0	0.25100E-06	446588.0	3759574.4	198.9	3.49	7.44	3.25 YES
L0017847	0	0.25100E-06	446604.0	3759574.3	198.8	3.49	7.44	3.25 YES
L0017848	0	0.25100E-06	446620.0	3759574.1	198.7	3.49	7.44	3.25 YES
L0017849	0	0.25100E-06	446636.0	3759574.0	198.6	3.49	7.44	3.25 YES
L0017850	0	0.25100E-06	446652.0	3759573.9	198.4	3.49	7.44	3.25 YES
L0017851	0	0.25100E-06	446668.0	3759573.7	198.4	3.49	7.44	3.25 YES
L0017852	0	0.25100E-06	446684.0	3759573.6	198.4	3.49	7.44	3.25 YES
L0017853	0	0.25100E-06	446700.0	3759573.4	198.4	3.49	7.44	3.25 YES
L0017854	0	0.25100E-06	446716.0	3759573.3	198.4	3.49	7.44	3.25 YES
L0017855	0	0.25100E-06	446732.0	3759573.1	198.4	3.49	7.44	3.25 YES
L0017856	0	0.25100E-06	446748.0	3759573.0	198.4	3.49	7.44	3.25 YES
L0017857	0	0.25100E-06	446764.0	3759572.8	198.4	3.49	7.44	3.25 YES
L0017858	0	0.25100E-06	446780.0	3759572.7	198.4	3.49	7.44	3.25 YES
L0017859	0	0.25100E-06	446796.0	3759572.6	198.4	3.49	7.44	3.25 YES
L0017860	0	0.25100E-06	446812.0	3759572.4	198.4	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0017861	0	0.25100E-06	446828.0	3759572.3	198.4	3.49	7.44	3.25	YES	
L0017862	0	0.25100E-06	446844.0	3759572.1	198.4	3.49	7.44	3.25	YES	
L0017863	0	0.25100E-06	446860.0	3759572.0	198.4	3.49	7.44	3.25	YES	
L0017864	0	0.25100E-06	446876.0	3759571.8	198.4	3.49	7.44	3.25	YES	
L0017865	0	0.25100E-06	446892.0	3759571.7	198.3	3.49	7.44	3.25	YES	
L0017866	0	0.25100E-06	446908.0	3759571.5	198.1	3.49	7.44	3.25	YES	
L0017867	0	0.25100E-06	446924.0	3759571.4	197.9	3.49	7.44	3.25	YES	
L0017868	0	0.25100E-06	446940.0	3759571.3	197.7	3.49	7.44	3.25	YES	
L0017869	0	0.25100E-06	446956.0	3759571.1	197.5	3.49	7.44	3.25	YES	
L0017870	0	0.25100E-06	446972.0	3759571.0	197.4	3.49	7.44	3.25	YES	
L0017871	0	0.25100E-06	446988.0	3759570.8	197.4	3.49	7.44	3.25	YES	
L0017872	0	0.25100E-06	447004.0	3759570.7	197.4	3.49	7.44	3.25	YES	
L0017873	0	0.25100E-06	447020.0	3759570.5	197.4	3.49	7.44	3.25	YES	
L0017874	0	0.25100E-06	447036.0	3759570.4	197.4	3.49	7.44	3.25	YES	

L0017875	0	0.25100E-06	447052.0	3759570.3	197.4	3.49	7.44	3.25 YES
L0017876	0	0.25100E-06	447068.0	3759570.1	197.4	3.49	7.44	3.25 YES
L0017877	0	0.25100E-06	447084.0	3759570.0	197.4	3.49	7.44	3.25 YES
L0017878	0	0.25100E-06	447100.0	3759569.8	197.4	3.49	7.44	3.25 YES
L0017879	0	0.25100E-06	447116.0	3759569.7	197.4	3.49	7.44	3.25 YES
L0017880	0	0.25100E-06	447132.0	3759569.6	197.2	3.49	7.44	3.25 YES
L0017881	0	0.25100E-06	447148.0	3759569.5	197.0	3.49	7.44	3.25 YES
L0017882	0	0.25100E-06	447164.0	3759569.5	196.8	3.49	7.44	3.25 YES
L0017883	0	0.25100E-06	447180.0	3759569.4	196.6	3.49	7.44	3.25 YES
L0017884	0	0.25100E-06	447196.0	3759569.4	196.5	3.49	7.44	3.25 YES
L0017885	0	0.25100E-06	447212.0	3759569.3	196.7	3.49	7.44	3.25 YES
L0017886	0	0.25100E-06	447228.0	3759569.3	196.9	3.49	7.44	3.25 YES
L0017887	0	0.25100E-06	447244.0	3759569.2	197.1	3.49	7.44	3.25 YES
L0017888	0	0.25100E-06	447260.0	3759569.2	197.3	3.49	7.44	3.25 YES
L0017889	0	0.25100E-06	447276.0	3759569.1	197.6	3.49	7.44	3.25 YES
L0017890	0	0.25100E-06	447292.0	3759569.0	198.1	3.49	7.44	3.25 YES
L0017891	0	0.25100E-06	447308.0	3759569.0	198.6	3.49	7.44	3.25 YES
L0017892	0	0.25100E-06	447324.0	3759568.9	199.1	3.49	7.44	3.25 YES
L0017893	0	0.25100E-06	447340.0	3759568.9	199.6	3.49	7.44	3.25 YES
L0017894	0	0.25100E-06	447356.0	3759568.8	199.8	3.49	7.44	3.25 YES
L0017895	0	0.25100E-06	447372.0	3759568.8	199.8	3.49	7.44	3.25 YES
L0017896	0	0.25100E-06	447388.0	3759568.7	199.8	3.49	7.44	3.25 YES
L0017897	0	0.25100E-06	447404.0	3759568.7	199.8	3.49	7.44	3.25 YES
L0017898	0	0.25100E-06	447420.0	3759568.6	199.8	3.49	7.44	3.25 YES

 L0017899   0   0.25100E-06 447436.0 3759568.6   199.5   3.49   7.44
3.25   YES
 L0017900   0   0.25100E-06 447452.0 3759568.5   199.1   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0017901   0   0.25100E-06 447468.0 3759568.5   198.7   3.49   7.44
3.25   YES
 L0017902   0   0.25100E-06 447484.0 3759568.4   198.3   3.49   7.44
3.25   YES
 L0017903   0   0.25100E-06 447500.0 3759568.3   197.8   3.49   7.44
3.25   YES
 L0017904   0   0.25100E-06 447516.0 3759568.3   197.6   3.49   7.44
3.25   YES
 L0017905   0   0.25100E-06 447532.0 3759568.2   197.2   3.49   7.44
3.25   YES
 L0017906   0   0.25100E-06 447548.0 3759568.2   197.0   3.49   7.44
3.25   YES
 L0017907   0   0.25100E-06 447564.0 3759568.1   196.7   3.49   7.44
3.25   YES
 L0017908   0   0.25100E-06 447580.0 3759568.1   196.4   3.49   7.44
3.25   YES
 L0017909   0   0.25100E-06 447596.0 3759568.0   196.4   3.49   7.44
3.25   YES
 L0017910   0   0.25100E-06 447612.0 3759568.0   196.4   3.49   7.44
3.25   YES
 L0017911   0   0.25100E-06 447628.0 3759567.9   196.4   3.49   7.44
3.25   YES
 L0017912   0   0.25100E-06 447644.0 3759567.9   196.4   3.49   7.44
3.25   YES

L0017913	0	0.25100E-06	447660.0	3759567.8	196.4	3.49	7.44	3.25 YES
L0017914	0	0.25100E-06	447676.0	3759567.8	196.4	3.49	7.44	3.25 YES
L0017915	0	0.25100E-06	447692.0	3759567.7	196.4	3.49	7.44	3.25 YES
L0017916	0	0.25100E-06	447708.0	3759567.6	196.4	3.49	7.44	3.25 YES
L0017917	0	0.25100E-06	447724.0	3759567.6	196.4	3.49	7.44	3.25 YES
L0017918	0	0.25100E-06	447740.0	3759567.5	196.4	3.49	7.44	3.25 YES
L0017919	0	0.25100E-06	447756.0	3759567.5	196.4	3.49	7.44	3.25 YES
L0017920	0	0.25100E-06	447772.0	3759567.4	196.4	3.49	7.44	3.25 YES
L0017921	0	0.25100E-06	447788.0	3759567.4	196.4	3.49	7.44	3.25 YES
L0017922	0	0.25100E-06	447804.0	3759567.3	196.4	3.49	7.44	3.25 YES
L0017923	0	0.25100E-06	447820.0	3759567.3	196.4	3.49	7.44	3.25 YES
L0017924	0	0.25100E-06	447836.0	3759567.2	196.4	3.49	7.44	3.25 YES
L0017925	0	0.25100E-06	447852.0	3759567.2	196.4	3.49	7.44	3.25 YES
L0017926	0	0.25100E-06	447868.0	3759567.1	196.4	3.49	7.44	3.25 YES
L0017927	0	0.25100E-06	447884.0	3759567.0	196.4	3.49	7.44	3.25 YES
L0017928	0	0.25100E-06	447900.0	3759567.0	196.8	3.49	7.44	3.25 YES
L0017929	0	0.25100E-06	447916.0	3759566.9	197.2	3.49	7.44	3.25 YES
L0017930	0	0.25100E-06	447932.0	3759566.9	197.7	3.49	7.44	3.25 YES
L0017931	0	0.25100E-06	447948.0	3759566.8	198.1	3.49	7.44	3.25 YES
L0017932	0	0.25100E-06	447964.0	3759566.8	198.4	3.49	7.44	3.25 YES
L0017933	0	0.25100E-06	447980.0	3759566.7	198.2	3.49	7.44	3.25 YES
L0017934	0	0.25100E-06	447996.0	3759566.7	198.0	3.49	7.44	3.25 YES
L0017935	0	0.25100E-06	448012.0	3759566.6	197.8	3.49	7.44	3.25 YES
L0017936	0	0.25100E-06	448028.0	3759566.6	197.6	3.49	7.44	3.25 YES

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 L0017937         0   0.25100E-06  448044.0 3759566.5   197.4     3.49     7.44
3.25     YES
 L0017938         0   0.25100E-06  448060.0 3759566.5   197.2     3.49     7.44
3.25     YES
 L0017939         0   0.25100E-06  448076.0 3759566.4   197.0     3.49     7.44
3.25     YES
 L0017940         0   0.25100E-06  448092.0 3759566.3   196.8     3.49     7.44
3.25     YES
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0017941         0   0.25100E-06  448108.0 3759566.3   196.5     3.49     7.44
3.25     YES
 L0017942         0   0.25100E-06  448124.0 3759566.2   196.4     3.49     7.44
3.25     YES
 L0017943         0   0.25100E-06  448140.0 3759566.2   196.4     3.49     7.44
3.25     YES
 L0017944         0   0.25100E-06  448156.0 3759566.1   196.4     3.49     7.44
3.25     YES
 L0017945         0   0.25100E-06  448172.0 3759566.1   196.4     3.49     7.44
3.25     YES
 L0017946         0   0.25100E-06  448188.0 3759566.0   196.4     3.49     7.44
3.25     YES
 L0017947         0   0.25100E-06  448204.0 3759566.0   196.4     3.49     7.44
3.25     YES
 L0017948         0   0.25100E-06  448220.0 3759565.9   196.4     3.49     7.44
3.25     YES
 L0017949         0   0.25100E-06  448236.0 3759565.8   196.4     3.49     7.44
3.25     YES
 L0017950         0   0.25100E-06  448252.0 3759565.6   196.4     3.49     7.44
3.25     YES
```

L0017951	0	0.25100E-06	448268.0	3759565.5	196.4	3.49	7.44	3.25 YES
L0017952	0	0.25100E-06	448284.0	3759565.4	196.4	3.49	7.44	3.25 YES
L0017953	0	0.25100E-06	448300.0	3759565.2	196.4	3.49	7.44	3.25 YES
L0017954	0	0.25100E-06	448316.0	3759565.1	196.4	3.49	7.44	3.25 YES
L0017955	0	0.25100E-06	448332.0	3759565.0	196.4	3.49	7.44	3.25 YES
L0017956	0	0.25100E-06	448348.0	3759564.8	196.4	3.49	7.44	3.25 YES
L0017957	0	0.25100E-06	448364.0	3759564.7	196.4	3.49	7.44	3.25 YES
L0017958	0	0.25100E-06	448380.0	3759564.5	196.4	3.49	7.44	3.25 YES
L0017959	0	0.25100E-06	448396.0	3759563.8	196.4	3.49	7.44	3.25 YES
L0017960	0	0.25100E-06	448411.8	3759561.6	196.4	3.49	7.44	3.25 YES
L0017961	0	0.25100E-06	448427.7	3759559.5	196.4	3.49	7.44	3.25 YES
L0017962	0	0.25100E-06	448443.5	3759557.3	196.4	3.49	7.44	3.25 YES
L0017963	0	0.25100E-06	448459.4	3759555.1	196.3	3.49	7.44	3.25 YES
L0017964	0	0.25100E-06	448475.2	3759553.0	196.3	3.49	7.44	3.25 YES
L0017965	0	0.25100E-06	448491.2	3759551.5	196.3	3.49	7.44	3.25 YES
L0017966	0	0.25100E-06	448507.1	3759550.8	196.3	3.49	7.44	3.25 YES
L0017967	0	0.25100E-06	448523.1	3759550.0	196.3	3.49	7.44	3.25 YES
L0017968	0	0.25100E-06	448539.1	3759549.2	196.3	3.49	7.44	3.25 YES
L0017969	0	0.25100E-06	448555.1	3759548.5	196.3	3.49	7.44	3.25 YES
L0017970	0	0.25100E-06	448571.1	3759547.7	196.3	3.49	7.44	3.25 YES
L0017971	0	0.25100E-06	448587.0	3759546.9	196.2	3.49	7.44	3.25 YES
L0017972	0	0.25100E-06	448603.0	3759546.2	196.2	3.49	7.44	3.25 YES
L0017973	0	0.25100E-06	448619.0	3759545.4	196.2	3.49	7.44	3.25 YES
L0017974	0	0.25100E-06	448635.0	3759545.1	196.2	3.49	7.44	3.25 YES

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 L0017975         0   0.25100E-06  448651.0 3759544.9   196.2     3.49     7.44
3.25     YES
 L0017976         0   0.25100E-06  448667.0 3759544.8   196.2     3.49     7.44
3.25     YES
 L0017977         0   0.25100E-06  448683.0 3759544.6   196.2     3.49     7.44
3.25     YES
 L0017978         0   0.25100E-06  448699.0 3759544.4   196.2     3.49     7.44
3.25     YES
 L0017979         0   0.25100E-06  448715.0 3759544.2   196.2     3.49     7.44
3.25     YES
 L0017980         0   0.25100E-06  448731.0 3759544.1   196.2     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:45:11

                                  PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0017981         0   0.25100E-06  448747.0 3759543.9   196.2     3.49     7.44
3.25     YES
 L0017982         0   0.25100E-06  448763.0 3759543.7   196.2     3.49     7.44
3.25     YES
 L0017983         0   0.25100E-06  448779.0 3759543.5   196.2     3.49     7.44
3.25     YES
 L0017984         0   0.25100E-06  448795.0 3759543.4   196.2     3.49     7.44
3.25     YES
 L0017985         0   0.25100E-06  448811.0 3759543.2   196.2     3.49     7.44
3.25     YES
 L0017986         0   0.25100E-06  448827.0 3759543.0   196.2     3.49     7.44
3.25     YES
 L0017987         0   0.25100E-06  448843.0 3759542.8   196.2     3.49     7.44
3.25     YES
 L0017988         0   0.25100E-06  448859.0 3759542.7   196.2     3.49     7.44
3.25     YES
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L0017989	0	0.25100E-06	448875.0	3759542.5	196.2	3.49	7.44	3.25 YES
L0017990	0	0.25100E-06	448891.0	3759542.3	196.2	3.49	7.44	3.25 YES
L0017991	0	0.25100E-06	448907.0	3759542.1	196.2	3.49	7.44	3.25 YES
L0017992	0	0.25100E-06	448923.0	3759542.0	196.2	3.49	7.44	3.25 YES
L0017993	0	0.25100E-06	448939.0	3759541.8	196.2	3.49	7.44	3.25 YES
L0017994	0	0.25100E-06	448955.0	3759541.7	196.2	3.49	7.44	3.25 YES
L0017995	0	0.25100E-06	448971.0	3759541.5	196.2	3.49	7.44	3.25 YES
L0017996	0	0.25100E-06	448987.0	3759541.3	196.2	3.49	7.44	3.25 YES
L0017997	0	0.25100E-06	449003.0	3759541.2	196.2	3.49	7.44	3.25 YES
L0017998	0	0.25100E-06	449019.0	3759541.0	196.2	3.49	7.44	3.25 YES
L0017999	0	0.25100E-06	449035.0	3759540.9	196.2	3.49	7.44	3.25 YES
L0018000	0	0.25100E-06	449051.0	3759540.7	196.2	3.49	7.44	3.25 YES
L0018001	0	0.25100E-06	449067.0	3759540.5	196.2	3.49	7.44	3.25 YES
L0018002	0	0.25100E-06	449083.0	3759540.4	196.2	3.49	7.44	3.25 YES
L0018003	0	0.25100E-06	449099.0	3759540.2	196.2	3.49	7.44	3.25 YES
L0018004	0	0.25100E-06	449115.0	3759540.0	196.2	3.49	7.44	3.25 YES
L0018005	0	0.25100E-06	449131.0	3759539.9	196.2	3.49	7.44	3.25 YES
L0018006	0	0.25100E-06	449147.0	3759539.7	196.2	3.49	7.44	3.25 YES
L0018007	0	0.25100E-06	449163.0	3759539.6	196.2	3.49	7.44	3.25 YES
L0018008	0	0.25100E-06	449179.0	3759539.4	196.2	3.49	7.44	3.25 YES
L0018009	0	0.25100E-06	449195.0	3759539.2	196.2	3.49	7.44	3.25 YES
L0018010	0	0.25100E-06	449211.0	3759539.1	196.2	3.49	7.44	3.25 YES
L0018011	0	0.25100E-06	449227.0	3759538.9	196.2	3.49	7.44	3.25 YES
L0018012	0	0.25100E-06	449243.0	3759538.7	196.2	3.49	7.44	3.25 YES

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 L0018013         0   0.25100E-06  449259.0 3759538.6   196.2     3.49     7.44
3.25     YES
 L0018014         0   0.25100E-06  449275.0 3759538.4   196.2     3.49     7.44
3.25     YES
 L0018015         0   0.25100E-06  449291.0 3759538.3   196.2     3.49     7.44
3.25     YES
 L0018016         0   0.25100E-06  449307.0 3759538.1   196.1     3.49     7.44
3.25     YES
 L0018017         0   0.25100E-06  449323.0 3759537.9   196.1     3.49     7.44
3.25     YES
 L0018018         0   0.25080E-05  442000.9 3760465.6   199.9     3.49     7.44
3.25     YES
 L0018019         0   0.25080E-05  442016.9 3760465.6   200.7     3.49     7.44
3.25     YES
 L0018020         0   0.25080E-05  442032.9 3760465.6   201.6     3.49     7.44
3.25     YES
```



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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0018021         0   0.25080E-05  442048.9 3760465.7   202.5     3.49     7.44
3.25     YES
 L0018022         0   0.25080E-05  442064.9 3760465.7   203.2     3.49     7.44
3.25     YES
 L0018023         0   0.25080E-05  442080.9 3760465.7   204.0     3.49     7.44
3.25     YES
 L0018024         0   0.25080E-05  442096.9 3760465.7   204.8     3.49     7.44
3.25     YES
 L0018025         0   0.25080E-05  442112.9 3760465.7   205.6     3.49     7.44
3.25     YES
 L0018026         0   0.25080E-05  442128.9 3760465.7   206.0     3.49     7.44
3.25     YES
```

L0018027	0	0.25080E-05	442144.9	3760465.7	206.2	3.49	7.44	3.25 YES
L0018028	0	0.25080E-05	442160.9	3760465.8	206.4	3.49	7.44	3.25 YES
L0018029	0	0.25080E-05	442176.9	3760465.8	206.6	3.49	7.44	3.25 YES
L0018030	0	0.25080E-05	442192.9	3760465.8	206.8	3.49	7.44	3.25 YES
L0018031	0	0.25080E-05	442208.9	3760465.8	206.8	3.49	7.44	3.25 YES
L0018032	0	0.25080E-05	442224.9	3760465.8	206.8	3.49	7.44	3.25 YES
L0018033	0	0.25080E-05	442240.9	3760465.8	206.8	3.49	7.44	3.25 YES
L0018034	0	0.25080E-05	442256.9	3760465.8	206.8	3.49	7.44	3.25 YES
L0018035	0	0.25080E-05	442272.9	3760465.9	206.8	3.49	7.44	3.25 YES
L0018036	0	0.25080E-05	442288.9	3760465.9	206.6	3.49	7.44	3.25 YES
L0018037	0	0.25080E-05	442304.9	3760465.9	206.4	3.49	7.44	3.25 YES
L0018038	0	0.25080E-05	442320.9	3760465.9	206.2	3.49	7.44	3.25 YES
L0018039	0	0.25080E-05	442336.9	3760465.9	206.0	3.49	7.44	3.25 YES
L0018040	0	0.25080E-05	442352.9	3760465.9	205.7	3.49	7.44	3.25 YES
L0018041	0	0.25080E-05	442368.9	3760465.9	205.5	3.49	7.44	3.25 YES
L0018042	0	0.25080E-05	442384.9	3760466.0	205.3	3.49	7.44	3.25 YES
L0018043	0	0.25080E-05	442400.9	3760466.0	205.1	3.49	7.44	3.25 YES
L0018044	0	0.25080E-05	442416.9	3760466.0	204.9	3.49	7.44	3.25 YES
L0018045	0	0.25080E-05	442432.9	3760466.0	204.7	3.49	7.44	3.25 YES
L0018046	0	0.25080E-05	442448.9	3760466.0	204.5	3.49	7.44	3.25 YES
L0018047	0	0.25080E-05	442464.9	3760466.0	204.3	3.49	7.44	3.25 YES
L0018048	0	0.25080E-05	442480.9	3760466.0	204.1	3.49	7.44	3.25 YES
L0018049	0	0.25080E-05	442496.9	3760466.1	203.9	3.49	7.44	3.25 YES
L0018050	0	0.25080E-05	442512.9	3760466.1	203.8	3.49	7.44	3.25 YES

```
 L0018051         0   0.25080E-05  442528.9 3760466.1   203.8     3.49     7.44
3.25     YES
 L0018052         0   0.25080E-05  442544.9 3760466.1   203.8     3.49     7.44
3.25     YES
 L0018053         0   0.25080E-05  442560.9 3760466.1   203.8     3.49     7.44
3.25     YES
 L0018054         0   0.25080E-05  442576.9 3760466.1   203.8     3.49     7.44
3.25     YES
 L0018055         0   0.25080E-05  442592.9 3760466.2   203.8     3.49     7.44
3.25     YES
 L0018056         0   0.25080E-05  442608.9 3760466.2   203.8     3.49     7.44
3.25     YES
 L0018057         0   0.25080E-05  442624.9 3760466.2   203.8     3.49     7.44
3.25     YES
 L0018058         0   0.25080E-05  442640.9 3760466.2   203.8     3.49     7.44
3.25     YES
 L0018059         0   0.25080E-05  442656.9 3760466.2   203.8     3.49     7.44
3.25     YES
 L0018060         0   0.25080E-05  442672.9 3760466.2   203.8     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:45:11

                                  PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0018061         0   0.25080E-05  442688.9 3760466.2   203.8     3.49     7.44
3.25     YES
 L0018062         0   0.25080E-05  442704.9 3760466.3   203.8     3.49     7.44
3.25     YES
 L0018063         0   0.25080E-05  442720.9 3760466.3   203.8     3.49     7.44
3.25     YES
 L0018064         0   0.25080E-05  442736.9 3760466.3   203.8     3.49     7.44
3.25     YES
```

L0018065	0	0.25080E-05	442752.9	3760466.3	203.8	3.49	7.44	3.25 YES
L0018066	0	0.25080E-05	442768.9	3760466.3	203.8	3.49	7.44	3.25 YES
L0018067	0	0.25080E-05	442784.9	3760466.3	203.8	3.49	7.44	3.25 YES
L0018068	0	0.25080E-05	442800.9	3760466.3	203.8	3.49	7.44	3.25 YES
L0018069	0	0.25080E-05	442816.9	3760466.4	203.8	3.49	7.44	3.25 YES
L0018070	0	0.25080E-05	442832.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0018071	0	0.25080E-05	442848.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0018072	0	0.25080E-05	442864.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0018073	0	0.25080E-05	442880.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0018074	0	0.25080E-05	442896.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0018075	0	0.25080E-05	442912.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0018076	0	0.25080E-05	442928.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0018077	0	0.25080E-05	442944.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0018078	0	0.25080E-05	442960.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0018079	0	0.25080E-05	442976.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0018080	0	0.25080E-05	442992.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0018081	0	0.25080E-05	443008.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0018082	0	0.25080E-05	443024.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0018083	0	0.25080E-05	443040.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0018084	0	0.25080E-05	443056.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0018085	0	0.25080E-05	443072.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0018086	0	0.25080E-05	443088.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0018087	0	0.25080E-05	443104.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0018088	0	0.25080E-05	443120.9	3760466.6	203.9	3.49	7.44	3.25 YES

```
 L0018089         0   0.25080E-05  443136.9 3760466.6   203.9     3.49     7.44
3.25     YES
 L0018090         0   0.25080E-05  443152.9 3760466.7   203.9     3.49     7.44
3.25     YES
 L0018091         0   0.25080E-05  443168.9 3760466.7   203.9     3.49     7.44
3.25     YES
 L0018092         0   0.25080E-05  443184.9 3760466.7   203.9     3.49     7.44
3.25     YES
 L0018093         0   0.25080E-05  443200.9 3760466.7   203.9     3.49     7.44
3.25     YES
 L0018094         0   0.25080E-05  443216.9 3760466.7   203.9     3.49     7.44
3.25     YES
 L0018095         0   0.25080E-05  443232.9 3760466.7   203.9     3.49     7.44
3.25     YES
 L0018096         0   0.25080E-05  443248.9 3760466.7   203.9     3.49     7.44
3.25     YES
 L0018097         0   0.25080E-05  443264.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0018098         0   0.25080E-05  443280.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0018099         0   0.25080E-05  443296.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0018100         0   0.25080E-05  443312.9 3760466.8   203.9     3.49     7.44
3.25     YES
```



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 L0018101         0   0.25080E-05  443328.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0018102         0   0.25080E-05  443344.9 3760466.8   203.9     3.49     7.44
3.25     YES
```

L0018103	0	0.25080E-05	443360.9	3760466.8	203.9	3.49	7.44	3.25 YES
L0018104	0	0.25080E-05	443376.9	3760466.9	203.9	3.49	7.44	3.25 YES
L0018105	0	0.25080E-05	443392.9	3760466.9	203.9	3.49	7.44	3.25 YES
L0018106	0	0.25080E-05	443408.9	3760466.9	203.9	3.49	7.44	3.25 YES
L0018107	0	0.25080E-05	443424.9	3760466.9	203.9	3.49	7.44	3.25 YES
L0018108	0	0.25080E-05	443440.9	3760466.9	203.9	3.49	7.44	3.25 YES
L0018109	0	0.25080E-05	443456.9	3760466.9	203.9	3.49	7.44	3.25 YES
L0018110	0	0.25080E-05	443472.9	3760466.9	203.9	3.49	7.44	3.25 YES
L0018111	0	0.25080E-05	443488.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0018112	0	0.25080E-05	443504.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0018113	0	0.25080E-05	443520.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0018114	0	0.25080E-05	443536.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0018115	0	0.25080E-05	443552.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0018116	0	0.25080E-05	443568.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0018117	0	0.25080E-05	443584.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0018118	0	0.25080E-05	443600.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0018119	0	0.25080E-05	443616.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0018120	0	0.25080E-05	443632.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0018121	0	0.25080E-05	443648.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0018122	0	0.25080E-05	443664.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0018123	0	0.25080E-05	443680.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0018124	0	0.25080E-05	443696.9	3760467.2	203.9	3.49	7.44	3.25 YES
L0018125	0	0.25080E-05	443712.9	3760467.2	203.9	3.49	7.44	3.25 YES
L0018126	0	0.25080E-05	443728.9	3760467.2	203.9	3.49	7.44	3.25 YES

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 L0018127         0   0.25080E-05  443744.9 3760467.2   204.2     3.49     7.44
3.25     YES
 L0018128         0   0.25080E-05  443760.9 3760467.2   204.6     3.49     7.44
3.25     YES
 L0018129         0   0.25080E-05  443776.9 3760467.2   205.0     3.49     7.44
3.25     YES
 L0018130         0   0.25080E-05  443792.9 3760467.2   205.4     3.49     7.44
3.25     YES
 L0018131         0   0.25080E-05  443808.9 3760467.3   205.8     3.49     7.44
3.25     YES
 L0018132         0   0.25080E-05  443824.9 3760467.3   206.2     3.49     7.44
3.25     YES
 L0018133         0   0.25080E-05  443840.9 3760467.3   206.7     3.49     7.44
3.25     YES
 L0018134         0   0.25080E-05  443856.9 3760467.3   207.1     3.49     7.44
3.25     YES
 L0018135         0   0.25080E-05  443872.9 3760467.3   207.5     3.49     7.44
3.25     YES
 L0018136         0   0.25080E-05  443888.9 3760467.3   207.9     3.49     7.44
3.25     YES
 L0018137         0   0.25080E-05  443904.9 3760467.3   207.9     3.49     7.44
3.25     YES
 L0018138         0   0.25080E-05  443920.9 3760467.4   207.9     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:45:11

                                   PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** AREA SOURCE DATA ***

               NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM
Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF AREA
OF AREA   OF AREA     SZ     SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   (DEG.)  (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 AREA1            0   0.17572E-08  442990.5 3760487.9   204.0     4.11    197.61
647.40      0.00     0.00     YES
 AREA2            0   0.14832E-08  443199.4 3760484.2   204.0     4.11    383.92
651.17      0.00     0.00     YES
```

```
 AREA3            0   0.00000E+00  441995.9 3760828.0   201.7     4.11    781.65
298.93      0.00     0.00     YES
 AREA4            0   0.00000E+00  442000.3 3760482.6   199.9     4.11    775.01
312.22      0.00     0.00     YES
 AREA5            0   0.00000E+00  442797.4 3760495.9   204.0     4.11    197.07
635.51      0.00     0.00     YES
 AREA6            0   0.00000E+00  443625.6 3760489.2   204.0     4.11    314.43
653.22      0.00     0.00     YES
 AREA7            0   0.00000E+00  441989.2 3761133.6   203.5     4.11    786.08
115.14      0.00     0.00     YES
 AREA8            0   0.00000E+00  442797.4 3761138.0   206.8     4.11    190.43
117.36      0.00     0.00     YES
 AREA9            0   0.00000E+00  442990.1 3761138.0   206.0     4.11    192.64
119.57      0.00     0.00     YES
 AREA10           0   0.00000E+00  443200.4 3761144.7   205.2     4.11    374.22
110.72      0.00     0.00     YES
 AREA11           0   0.00000E+00  443623.4 3761144.7   206.0     4.11    318.86
121.79      0.00     0.00     YES
```


 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 , AREA8 , AREA9 , AREA10 , AREA11 , L0016101 , L0016102 , L0016103 , L0016104 , L0016105 , L0016106 , L0016107 , L0016108 , L0016109 , L0016110 , L0016111 , L0016112 , L0016113 , L0016114 , L0016115 , L0016116 , L0016117 , L0016118 , L0016119 , L0016120 , L0016121 , L0016122 , L0016123 , L0016124 , L0016125 , L0016126 , L0016127 , L0016128 , L0016129 ,

L0016130 , L0016131 , L0016132 , L0016133 , L0016134 ,
L0016135 , L0016136 , L0016137 ,

L0016138 , L0016139 , L0016140 , L0016141 , L0016142 ,
L0016143 , L0016144 , L0016145 ,

L0016146 , L0016147 , L0016148 , L0016149 , L0016150 ,
L0016151 , L0016152 , L0016153 ,

L0016154 , L0016155 , L0016156 , L0016157 , L0016158 ,
L0016159 , L0016160 , L0016161 ,

L0016162 , L0016163 , L0016164 , L0016165 , L0016166 ,
L0016167 , L0016168 , L0016169 ,

L0016170 , L0016171 , L0016172 , L0016173 , L0016174 ,
L0016175 , L0016176 , L0016177 ,

L0016178 , L0016179 , L0016180 , L0016181 , L0016182 ,
L0016183 , L0016184 , L0016185 ,

L0016186 , L0016187 , L0016188 , L0016189 , L0016190 ,
L0016191 , L0016192 , L0016193 ,

L0016194 , L0016195 , L0016196 , L0016197 , L0016198 ,
L0016199 , L0016200 , L0016201 ,

L0016202 , L0016203 , L0016204 , L0016205 , L0016206 ,
L0016207 , L0016208 , L0016209 ,

L0016210 , L0016211 , L0016212 , L0016213 , L0016214 ,
L0016215 , L0016216 , L0016217 ,

L0016218 , L0016219 , L0016220 , L0016221 , L0016222 ,
L0016223 , L0016224 , L0016225 ,

L0016226 , L0016227 , L0016228 , L0016229 , L0016230 ,
L0016231 , L0016232 , L0016233 ,

L0016234 , L0016235 , L0016236 , L0016237 , L0016238 ,
L0016239 , L0016240 , L0016241 ,

L0016242 , L0016243 , L0016244 , L0016245 , L0016246 ,
L0016247 , L0016248 , L0016249 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0016250 , L0016251 , L0016252 , L0016253 , L0016254 , L0016255 , L0016256 , L0016257 ,
	L0016258 , L0016259 , L0016260 , L0016261 , L0016262 , L0016263 , L0016264 , L0016265 ,
	L0016266 , L0016267 , L0016268 , L0016269 , L0016270 , L0016271 , L0016272 , L0016273 ,
	L0016274 , L0016275 , L0016276 , L0016277 , L0016278 , L0016279 , L0016280 , L0016281 ,
	L0016282 , L0016283 , L0016284 , L0016285 , L0016286 , L0016287 , L0016288 , L0016289 ,
	L0016290 , L0016291 , L0016292 , L0016293 , L0016294 , L0016295 , L0016296 , L0016297 ,
	L0016298 , L0016299 , L0016300 , L0016301 , L0016302 , L0016303 , L0016304 , L0016305 ,
	L0016306 , L0016307 , L0016308 , L0016309 , L0016310 , L0016311 , L0016312 , L0016313 ,
	L0016314 , L0016315 , L0016316 , L0016317 , L0016318 , L0016319 , L0016320 , L0016321 ,
	L0016322 , L0016323 , L0016324 , L0016325 , L0016326 , L0016327 , L0016328 , L0016329 ,
	L0016330 , L0016331 , L0016332 , L0016333 , L0016334 , L0016335 , L0016336 , L0016337 ,
	L0016338 , L0016339 , L0016340 , L0016341 , L0016342 , L0016343 , L0016344 , L0016345 ,

L0016346 , L0016347 , L0016348 , L0016349 , L0016350 ,
L0016351 , L0016352 , L0016353 ,

L0016354 , L0016355 , L0016356 , L0016357 , L0016358 ,
L0016359 , L0016360 , L0016361 ,

L0016362 , L0016363 , L0016364 , L0016365 , L0016366 ,
L0016367 , L0016368 , L0016369 ,

L0016370 , L0016371 , L0016372 , L0016373 , L0016374 ,
L0016375 , L0016376 , L0016377 ,

L0016378 , L0016379 , L0016380 , L0016381 , L0016382 ,
L0016383 , L0016384 , L0016385 ,

L0016386 , L0016387 , L0016388 , L0016389 , L0016390 ,
L0016391 , L0016392 , L0016393 ,

L0016394 , L0016395 , L0016396 , L0016397 , L0016398 ,
L0016399 , L0016400 , L0016401 ,

L0016402 , L0016403 , L0016404 , L0016405 , L0016406 ,
L0016407 , L0016408 , L0016409 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
L0016410	L0016411 , L0016412 , L0016413 , L0016414 , L0016415 , L0016416 , L0016417 ,
L0016418	L0016419 , L0016420 , L0016421 , L0016422 , L0016423 , L0016424 , L0016425 ,
L0016426	L0016427 , L0016428 , L0016429 , L0016430 , L0016431 , L0016432 , L0016433 ,

L0016434 , L0016435 , L0016436 , L0016437 , L0016438 , L0016439 , L0016440 , L0016441 ,

L0016442 , L0016443 , L0016444 , L0016445 , L0016446 , L0016447 , L0016448 , L0016449 ,

L0016450 , L0016451 , L0016452 , L0016453 , L0016454 , L0016455 , L0016456 , L0016457 ,

L0016458 , L0016459 , L0016460 , L0016461 , L0016462 , L0016463 , L0016464 , L0016465 ,

L0016466 , L0016467 , L0016468 , L0016469 , L0016470 , L0016471 , L0016472 , L0016473 ,

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HRA\2022 HRA.ISC *** 01/10/20
*** AERMET - VERSION 16216 *** ***
*** 16:45:11

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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SRCGROUP ID	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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SRCGROUP ID	SOURCE IDs

L0018010 , L0018011 , L0018012 , L0018013 , L0018014 ,
L0018015 , L0018016 , L0018017 ,

L0018018 , L0018019 , L0018020 , L0018021 , L0018022 ,
L0018023 , L0018024 , L0018025 ,

L0018026 , L0018027 , L0018028 , L0018029 , L0018030 ,
L0018031 , L0018032 , L0018033 ,

L0018034 , L0018035 , L0018036 , L0018037 , L0018038 ,
L0018039 , L0018040 , L0018041 ,

L0018042 , L0018043 , L0018044 , L0018045 , L0018046 ,
L0018047 , L0018048 , L0018049 ,

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L0018055 , L0018056 , L0018057 ,

L0018058 , L0018059 , L0018060 , L0018061 , L0018062 ,
L0018063 , L0018064 , L0018065 ,

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L0018071 , L0018072 , L0018073 ,

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L0018087 , L0018088 , L0018089 ,

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L0018095 , L0018096 , L0018097 ,

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L0018103 , L0018104 , L0018105 ,

L0018106 , L0018107 , L0018108 , L0018109 , L0018110 ,
L0018111 , L0018112 , L0018113 ,

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L0018119 , L0018120 , L0018121 ,

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L0018127 , L0018128 , L0018129 ,

L0018130 , L0018131 , L0018132 , L0018133 , L0018134 ,
L0018135 , L0018136 , L0018137 ,

L0018138 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	2035210.	AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 , AREA8 ,
		AREA9 , AREA10 , AREA11 , L0016101 , L0016102 , L0016103 , L0016104 , L0016105 ,
		L0016106 , L0016107 , L0016108 , L0016109 , L0016110 , L0016111 , L0016112 , L0016113 ,

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L0016146 , L0016147 , L0016148 , L0016149 , L0016150 , L0016151 , L0016152 , L0016153 ,

L0016154 , L0016155 , L0016156 , L0016157 , L0016158 , L0016159 , L0016160 , L0016161 ,

L0016162 , L0016163 , L0016164 , L0016165 , L0016166 , L0016167 , L0016168 , L0016169 ,

L0016170 , L0016171 , L0016172 , L0016173 , L0016174 , L0016175 , L0016176 , L0016177 ,

L0016178 , L0016179 , L0016180 , L0016181 , L0016182 , L0016183 , L0016184 , L0016185 ,

L0016186 , L0016187 , L0016188 , L0016189 , L0016190 , L0016191 , L0016192 , L0016193 ,

L0016194 , L0016195 , L0016196 , L0016197 , L0016198 , L0016199 , L0016200 , L0016201 ,

L0016202 , L0016203 , L0016204 , L0016205 , L0016206 , L0016207 , L0016208 , L0016209 ,

L0016210 , L0016211 , L0016212 , L0016213 , L0016214 , L0016215 , L0016216 , L0016217 ,

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L0016234 , L0016235 , L0016236 , L0016237 , L0016238 , L0016239 , L0016240 , L0016241 ,

L0016242 , L0016243 , L0016244 , L0016245 , L0016246 , L0016247 , L0016248 , L0016249 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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L0016266 , L0016267 , L0016268 , L0016269 , L0016270 , L0016271 , L0016272 , L0016273 ,

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L0016367 , L0016368 , L0016369 ,

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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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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0016570 , L0016571 , L0016572 , L0016573 , L0016574 , L0016575 , L0016576 , L0016577 ,

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L0016594 , L0016595 , L0016596 , L0016597 , L0016598 , L0016599 , L0016600 , L0016601 ,

L0016602 , L0016603 , L0016604 , L0016605 , L0016606 , L0016607 , L0016608 , L0016609 ,

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L0016626 , L0016627 , L0016628 , L0016629 , L0016630 , L0016631 , L0016632 , L0016633 ,

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             L0016642    , L0016643    , L0016644    , L0016645    , L0016646    ,
L0016647    , L0016648    , L0016649    ,

             L0016650    , L0016651    , L0016652    , L0016653    , L0016654    ,
L0016655    , L0016656    , L0016657    ,

             L0016658    , L0016659    , L0016660    , L0016661    , L0016662    ,
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             L0016666    , L0016667    , L0016668    , L0016669    , L0016670    ,
L0016671    , L0016672    , L0016673    ,

             L0016674    , L0016675    , L0016676    , L0016677    , L0016678    ,
L0016679    , L0016680    , L0016681    ,

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L0016687    , L0016688    , L0016689    ,

             L0016690    , L0016691    , L0016692    , L0016693    , L0016694    ,
L0016695    , L0016696    , L0016697    ,

             L0016698    , L0016699    , L0016700    , L0016701    , L0016702    ,
L0016703    , L0016704    , L0016705    ,

             L0016706    , L0016707    , L0016708    , L0016709    , L0016710    ,
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L0016719    , L0016720    , L0016721    ,

             L0016722    , L0016723    , L0016724    , L0016725    , L0016726    ,
L0016727    , L0016728    , L0016729    ,
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                         ***       16:45:11

                                   PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***
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URBAN ID	URBAN POP	SOURCE IDs
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		L0016746 , L0016747 , L0016748 , L0016749 , L0016750 , L0016751 , L0016752 , L0016753 ,
		L0016754 , L0016755 , L0016756 , L0016757 , L0016758 , L0016759 , L0016760 , L0016761 ,
		L0016762 , L0016763 , L0016764 , L0016765 , L0016766 , L0016767 , L0016768 , L0016769 ,
		L0016770 , L0016771 , L0016772 , L0016773 , L0016774 , L0016775 , L0016776 , L0016777 ,
		L0016778 , L0016779 , L0016780 , L0016781 , L0016782 , L0016783 , L0016784 , L0016785 ,
		L0016786 , L0016787 , L0016788 , L0016789 , L0016790 , L0016791 , L0016792 , L0016793 ,
		L0016794 , L0016795 , L0016796 , L0016797 , L0016798 , L0016799 , L0016800 , L0016801 ,
		L0016802 , L0016803 , L0016804 , L0016805 , L0016806 , L0016807 , L0016808 , L0016809 ,
		L0016810 , L0016811 , L0016812 , L0016813 , L0016814 , L0016815 , L0016816 , L0016817 ,
		L0016818 , L0016819 , L0016820 , L0016821 , L0016822 , L0016823 , L0016824 , L0016825 ,
		L0016826 , L0016827 , L0016828 , L0016829 , L0016830 , L0016831 , L0016832 , L0016833 ,
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		L0016842 , L0016843 , L0016844 , L0016845 , L0016846 , L0016847 , L0016848 , L0016849 ,

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L0016887 , L0016888 , L0016889 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0016890 , L0016891 , L0016892 , L0016893 , L0016894 ,
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L0016903 , L0016904 , L0016905 ,

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L0016911 , L0016912 , L0016913 ,

L0016914 , L0016915 , L0016916 , L0016917 , L0016918 ,
L0016919 , L0016920 , L0016921 ,

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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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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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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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L0017522 , L0017523 , L0017524 , L0017525 , L0017526 , L0017527 , L0017528 , L0017529 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0017530 , L0017531 , L0017532 , L0017533 , L0017534 , L0017535 , L0017536 , L0017537 ,

L0017538 , L0017539 , L0017540 , L0017541 , L0017542 , L0017543 , L0017544 , L0017545 ,

L0017546 , L0017547 , L0017548 , L0017549 , L0017550 , L0017551 , L0017552 , L0017553 ,

L0017554 , L0017555 , L0017556 , L0017557 , L0017558 , L0017559 , L0017560 , L0017561 ,

L0017562 , L0017563 , L0017564 , L0017565 , L0017566 , L0017567 , L0017568 , L0017569 ,

L0017570 , L0017571 , L0017572 , L0017573 , L0017574 , L0017575 , L0017576 , L0017577 ,

L0017578 , L0017579 , L0017580 , L0017581 , L0017582 , L0017583 , L0017584 , L0017585 ,

L0017586 , L0017587 , L0017588 , L0017589 , L0017590 , L0017591 , L0017592 , L0017593 ,

L0017594 , L0017595 , L0017596 , L0017597 , L0017598 , L0017599 , L0017600 , L0017601 ,

L0017602 , L0017603 , L0017604 , L0017605 , L0017606 , L0017607 , L0017608 , L0017609 ,

L0017610 , L0017611 , L0017612 , L0017613 , L0017614 , L0017615 , L0017616 , L0017617 ,

L0017618 , L0017619 , L0017620 , L0017621 , L0017622 , L0017623 , L0017624 , L0017625 ,

L0017626 , L0017627 , L0017628 , L0017629 , L0017630 , L0017631 , L0017632 , L0017633 ,

L0017634 , L0017635 , L0017636 , L0017637 , L0017638 , L0017639 , L0017640 , L0017641 ,

L0017642 , L0017643 , L0017644 , L0017645 , L0017646 , L0017647 , L0017648 , L0017649 ,

L0017650 , L0017651 , L0017652 , L0017653 , L0017654 , L0017655 , L0017656 , L0017657 ,

L0017658 , L0017659 , L0017660 , L0017661 , L0017662 , L0017663 , L0017664 , L0017665 ,

L0017666 , L0017667 , L0017668 , L0017669 , L0017670 , L0017671 , L0017672 , L0017673 ,

L0017674 , L0017675 , L0017676 , L0017677 , L0017678 ,
L0017679 , L0017680 , L0017681 ,

L0017682 , L0017683 , L0017684 , L0017685 , L0017686 ,
L0017687 , L0017688 , L0017689 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0017690 , L0017691 , L0017692 , L0017693 , L0017694 ,
L0017695 , L0017696 , L0017697 ,

L0017698 , L0017699 , L0017700 , L0017701 , L0017702 ,
L0017703 , L0017704 , L0017705 ,

L0017706 , L0017707 , L0017708 , L0017709 , L0017710 ,
L0017711 , L0017712 , L0017713 ,

L0017714 , L0017715 , L0017716 , L0017717 , L0017718 ,
L0017719 , L0017720 , L0017721 ,

L0017722 , L0017723 , L0017724 , L0017725 , L0017726 ,
L0017727 , L0017728 , L0017729 ,

L0017730 , L0017731 , L0017732 , L0017733 , L0017734 ,
L0017735 , L0017736 , L0017737 ,

L0017738 , L0017739 , L0017740 , L0017741 , L0017742 ,
L0017743 , L0017744 , L0017745 ,

L0017746 , L0017747 , L0017748 , L0017749 , L0017750 ,
L0017751 , L0017752 , L0017753 ,

L0017754 , L0017755 , L0017756 , L0017757 , L0017758 ,
L0017759 , L0017760 , L0017761 ,

L0017762 , L0017763 , L0017764 , L0017765 , L0017766 ,
L0017767 , L0017768 , L0017769 ,

L0017770 , L0017771 , L0017772 , L0017773 , L0017774 ,
L0017775 , L0017776 , L0017777 ,

L0017778 , L0017779 , L0017780 , L0017781 , L0017782 ,
L0017783 , L0017784 , L0017785 ,

L0017786 , L0017787 , L0017788 , L0017789 , L0017790 ,
L0017791 , L0017792 , L0017793 ,

L0017794 , L0017795 , L0017796 , L0017797 , L0017798 ,
L0017799 , L0017800 , L0017801 ,

L0017802 , L0017803 , L0017804 , L0017805 , L0017806 ,
L0017807 , L0017808 , L0017809 ,

L0017810 , L0017811 , L0017812 , L0017813 , L0017814 ,
L0017815 , L0017816 , L0017817 ,

L0017818 , L0017819 , L0017820 , L0017821 , L0017822 ,
L0017823 , L0017824 , L0017825 ,

L0017826 , L0017827 , L0017828 , L0017829 , L0017830 ,
L0017831 , L0017832 , L0017833 ,

L0017834 , L0017835 , L0017836 , L0017837 , L0017838 ,
L0017839 , L0017840 , L0017841 ,

L0017842 , L0017843 , L0017844 , L0017845 , L0017846 ,
L0017847 , L0017848 , L0017849 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0017850 , L0017851 , L0017852 , L0017853 , L0017854 , L0017855 , L0017856 , L0017857 ,

L0017858 , L0017859 , L0017860 , L0017861 , L0017862 , L0017863 , L0017864 , L0017865 ,

L0017866 , L0017867 , L0017868 , L0017869 , L0017870 , L0017871 , L0017872 , L0017873 ,

L0017874 , L0017875 , L0017876 , L0017877 , L0017878 , L0017879 , L0017880 , L0017881 ,

L0017882 , L0017883 , L0017884 , L0017885 , L0017886 , L0017887 , L0017888 , L0017889 ,

L0017890 , L0017891 , L0017892 , L0017893 , L0017894 , L0017895 , L0017896 , L0017897 ,

L0017898 , L0017899 , L0017900 , L0017901 , L0017902 , L0017903 , L0017904 , L0017905 ,

L0017906 , L0017907 , L0017908 , L0017909 , L0017910 , L0017911 , L0017912 , L0017913 ,

L0017914 , L0017915 , L0017916 , L0017917 , L0017918 , L0017919 , L0017920 , L0017921 ,

L0017922 , L0017923 , L0017924 , L0017925 , L0017926 , L0017927 , L0017928 , L0017929 ,

L0017930 , L0017931 , L0017932 , L0017933 , L0017934 , L0017935 , L0017936 , L0017937 ,

L0017938 , L0017939 , L0017940 , L0017941 , L0017942 , L0017943 , L0017944 , L0017945 ,

L0017946 , L0017947 , L0017948 , L0017949 , L0017950 , L0017951 , L0017952 , L0017953 ,

L0017954 , L0017955 , L0017956 , L0017957 , L0017958 , L0017959 , L0017960 , L0017961 ,

L0017962 , L0017963 , L0017964 , L0017965 , L0017966 , L0017967 , L0017968 , L0017969 ,

L0017970 , L0017971 , L0017972 , L0017973 , L0017974 , L0017975 , L0017976 , L0017977 ,

L0017978 , L0017979 , L0017980 , L0017981 , L0017982 ,
L0017983 , L0017984 , L0017985 ,

L0017986 , L0017987 , L0017988 , L0017989 , L0017990 ,
L0017991 , L0017992 , L0017993 ,

L0017994 , L0017995 , L0017996 , L0017997 , L0017998 ,
L0017999 , L0018000 , L0018001 ,

L0018002 , L0018003 , L0018004 , L0018005 , L0018006 ,
L0018007 , L0018008 , L0018009 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0018010 , L0018011 , L0018012 , L0018013 , L0018014 ,
L0018015 , L0018016 , L0018017 ,

L0018018 , L0018019 , L0018020 , L0018021 , L0018022 ,
L0018023 , L0018024 , L0018025 ,

L0018026 , L0018027 , L0018028 , L0018029 , L0018030 ,
L0018031 , L0018032 , L0018033 ,

L0018034 , L0018035 , L0018036 , L0018037 , L0018038 ,
L0018039 , L0018040 , L0018041 ,

L0018042 , L0018043 , L0018044 , L0018045 , L0018046 ,
L0018047 , L0018048 , L0018049 ,

L0018050 , L0018051 , L0018052 , L0018053 , L0018054 ,
L0018055 , L0018056 , L0018057 ,

L0018058 , L0018059 , L0018060 , L0018061 , L0018062 ,
L0018063 , L0018064 , L0018065 ,

L0018066 , L0018067 , L0018068 , L0018069 , L0018070 ,
L0018071 , L0018072 , L0018073 ,

L0018074 , L0018075 , L0018076 , L0018077 , L0018078 ,
L0018079 , L0018080 , L0018081 ,

L0018082 , L0018083 , L0018084 , L0018085 , L0018086 ,
L0018087 , L0018088 , L0018089 ,

L0018090 , L0018091 , L0018092 , L0018093 , L0018094 ,
L0018095 , L0018096 , L0018097 ,

L0018098 , L0018099 , L0018100 , L0018101 , L0018102 ,
L0018103 , L0018104 , L0018105 ,

L0018106 , L0018107 , L0018108 , L0018109 , L0018110 ,
L0018111 , L0018112 , L0018113 ,

L0018114 , L0018115 , L0018116 , L0018117 , L0018118 ,
L0018119 , L0018120 , L0018121 ,

L0018122 , L0018123 , L0018124 , L0018125 , L0018126 ,
L0018127 , L0018128 , L0018129 ,

L0018130 , L0018131 , L0018132 , L0018133 , L0018134 ,
L0018135 , L0018136 , L0018137 ,

L0018138 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(442032.3, 3761316.8, 208.2, 208.2, 0.0); (441966.0, 3761227.0, 203.0, 203.0, 0.0);
(441961.7, 3760816.6, 199.5, 199.5, 0.0); (441959.1, 3760593.9, 197.8, 197.8, 0.0);
(442439.0, 3760433.9, 204.3, 204.3, 0.0); (443950.0, 3760446.0, 207.5, 207.5, 0.0);
(443970.9, 3760748.7, 207.9, 207.9, 0.0); (442994.6,

3761308.1,   207.0,   207.0,   0.0);
     (443971.5, 3760652.3,   207.0,   207.0,   0.0);   (442854.1,
3760416.5,   203.3,   203.3,   0.0);
     (442946.6, 3760418.1,   203.3,   203.3,   0.0);   (443057.6,
3760418.1,   203.3,   203.3,   0.0);
     (443140.1, 3760419.8,   203.4,   203.4,   0.0);   (443252.8,
3760423.2,   203.4,   203.4,   0.0);
     (443320.1, 3760423.2,   203.4,   203.4,   0.0);   (443417.7,
3760424.9,   203.4,   203.4,   0.0);
     (443517.0, 3760424.9,   203.4,   203.4,   0.0);   (442267.3,
3758597.0,   189.0,   189.0,   0.0);
     (445418.0, 3765343.3,   245.8,   2735.0,   0.0);   (446052.4,
3764637.6,   240.6,   2735.0,   0.0);
     (447239.8, 3764206.7,   240.6,   2735.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: KCNO_V9_ADJU\KCNO_V9.SFC
Met Version: 16216
Profile file: KCNO_V9_ADJU\KCNO_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3179 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-2.3	0.067	-9.000	-9.000	-999.	41.	11.2	0.09	0.74	1.00	0.73	313.	7.9	279.2	2.0
12	01	01	1	02	-2.7	0.070	-9.000	-9.000	-999.	44.	11.3	0.09	0.74	1.00	0.80	342.	7.9	280.9	2.0
12	01	01	1	03	-5.6	0.098	-9.000	-9.000	-999.	73.	14.7	0.09	0.74	1.00	1.20	9.	7.9	281.4	2.0
12	01	01	1	04	-3.5	0.078	-9.000	-9.000	-999.	52.	11.9	0.09	0.74	1.00	0.94	21.	7.9	282.0	2.0
12	01	01	1	05	-8.4	0.119	-9.000	-9.000	-999.	99.	18.1	0.09	0.74	1.00	1.45	353.	7.9	279.9	2.0
12	01	01	1	06	-7.6	0.113	-9.000	-9.000	-999.	91.	17.0	0.09	0.74	1.00	1.38	325.	7.9	277.5	2.0
12	01	01	1	07	-8.0	0.117	-9.000	-9.000	-999.	96.	17.7	0.09	0.74						

```
1.00    1.42  313.    7.9  281.4    2.0
 12 01 01   1 08   -5.2  0.101 -9.000 -9.000 -999.   77.     17.5  0.09   0.74
0.53    1.23   19.    7.9  280.9    2.0
 12 01 01   1 09   23.2  0.117  0.267  0.012   29.   97.     -6.2  0.09   0.74
0.31    0.96  318.    7.9  287.5    2.0
 12 01 01   1 10   65.2  0.101  0.531  0.014   82.   77.     -1.4  0.09   0.74
0.24    0.63  244.    7.9  291.4    2.0
 12 01 01   1 11   95.5  0.162  0.778  0.008  176.  156.     -4.0  0.09   0.74
0.21    1.23   91.    7.9  296.4    2.0
 12 01 01   1 12  110.8  0.197  1.018  0.005  338.  209.     -6.1  0.09   0.74
0.20    1.60   90.    7.9  299.9    2.0
 12 01 01   1 13  110.5  0.229  1.184  0.005  534.  262.     -9.6  0.09   0.74
0.20    1.98   92.    7.9  302.0    2.0
 12 01 01   1 14   94.6  0.185  1.215  0.005  674.  191.     -5.9  0.09   0.74
0.21    1.50   73.    7.9  303.1    2.0
 12 01 01   1 15   68.6  0.187  1.184  0.005  858.  194.     -8.4  0.09   0.74
0.25    1.59   64.    7.9  303.1    2.0
 12 01 01   1 16   24.9  0.255  0.862  0.005  911.  308.    -58.8  0.09   0.74
0.34    2.61   92.    7.9  300.4    2.0
 12 01 01   1 17  -13.7  0.168 -9.000 -9.000 -999.  168.     31.1  0.09   0.74
0.62    1.98  107.    7.9  295.4    2.0
 12 01 01   1 18  -26.7  0.279 -9.000 -9.000 -999.  354.     85.6  0.09   0.74
1.00    3.22  134.    7.9  291.4    2.0
 12 01 01   1 19   -8.0  0.118 -9.000 -9.000 -999.  120.     18.2  0.09   0.74
1.00    1.43   37.    7.9  290.4    2.0
 12 01 01   1 20   -7.7  0.115 -9.000 -9.000 -999.   94.     17.6  0.09   0.74
1.00    1.40   49.    7.9  287.0    2.0
 12 01 01   1 21   -9.7  0.130 -9.000 -9.000 -999.  113.     20.2  0.09   0.74
1.00    1.57   26.    7.9  288.8    2.0
 12 01 01   1 22   -4.8  0.090 -9.000 -9.000 -999.   65.     13.6  0.09   0.74
1.00    1.11   56.    7.9  284.9    2.0
 12 01 01   1 23  -11.5  0.141 -9.000 -9.000 -999.  127.     21.9  0.09   0.74
1.00    1.69   36.    7.9  282.0    2.0
 12 01 01   1 24  -16.9  0.172 -9.000 -9.000 -999.  171.     32.4  0.09   0.74
1.00    2.03   33.    7.9  279.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    7.9 1  313.    0.73   279.3   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2022
HRA\2022 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                          ***        16:45:11
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 ,
AREA6 , AREA7 , AREA8 , AREA9 , AREA10 , AREA11 , L0016101 , L0016102 ,
L0016103 , L0016104 , L0016105 , L0016106 , L0016107 , L0016108 , L0016109 , L0016110 ,
L0016111 , L0016112 , L0016113 , L0016114 , L0016115 , L0016116 , L0016117 , . . . ,

*** 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
442032.33	3761316.84	0.00086	441966.02	3761227.01	0.00092
441961.70	3760816.59	0.00156	441959.10	3760593.88	0.00284
442439.00	3760433.95	0.01025	443950.05	3760445.99	0.01016
443970.90	3760748.74	0.00468	442994.61	3761308.08	0.00167
443971.50	3760652.31	0.00501	442854.06	3760416.46	0.00986
442946.60	3760418.14	0.01123	443057.64	3760418.14	0.01287
443140.08	3760419.82	0.01372	443252.81	3760423.19	0.01460
443320.10	3760423.19	0.01461	443417.69	3760424.87	0.01458
443516.95	3760424.87	0.01367	442267.32	3758596.97	0.00055
445417.99	3765343.27	0.00065	446052.41	3764637.60	0.00028
447239.82	3764206.74	0.00023			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01461 AT (443320.10, 3760423.19, 203.41, 203.41, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.01460 AT (443252.81, 3760423.19, 203.41, 203.41, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.01458 AT (443417.69, 3760424.87, 203.43, 203.43, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.01372 AT (443140.08, 3760419.82, 203.36, 203.36, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.01367 AT (443516.95, 3760424.87, 203.44, 203.44, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.01287 AT (443057.64, 3760418.14, 203.34, 203.34, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.01123 AT (442946.60, 3760418.14, 203.33, 203.33, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.01025 AT (442439.00, 3760433.95, 204.28, 204.28, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.01016 AT (443950.05, 3760445.99, 207.45, 207.45, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00986 AT (442854.06, 3760416.46, 203.31, 203.31, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 11 Warning Message(s)
A Total of 1279 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 917 Calm Hours Identified

A Total of 362 Missing Hours Identified (0.83 Percent)

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

******** WARNING MESSAGES ********
SO W320 2249 APARM: Input Parameter May Be Out-of-Range for Parameter
QS
SO W320 2250 APARM: Input Parameter May Be Out-of-Range for Parameter
QS
SO W320 2251 APARM: Input Parameter May Be Out-of-Range for Parameter
QS
SO W320 2252 APARM: Input Parameter May Be Out-of-Range for Parameter
QS
SO W320 2253 APARM: Input Parameter May Be Out-of-Range for Parameter
QS
SO W320 2254 APARM: Input Parameter May Be Out-of-Range for Parameter
QS
SO W320 2255 APARM: Input Parameter May Be Out-of-Range for Parameter
QS
SO W320 2256 APARM: Input Parameter May Be Out-of-Range for Parameter
QS
SO W320 2257 APARM: Input Parameter May Be Out-of-Range for Parameter
QS
ME W186 4334 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 4334 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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**********************************
*** AERMOD Finishes Successfully ***
**********************************
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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 9.8.3
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 1/10/2020
** FILE: C:\LAKES\AERMOD VIEW\12004 HRA - (01-10-20)\2025 HRA\2025 HRA.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\AERMOD VIEW\12004 HRA\2025 HRA\2025 HRA.ISC
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 2035210
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "2025 HRA.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
   LOCATION AREA1        AREA       442990.530  3760487.930      204.000
** DESCRSRC PA4: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
   LOCATION AREA2        AREA       443199.430  3760484.160      204.000
** DESCRSRC PA5: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
   LOCATION AREA3        AREA       441995.860  3760828.020      201.700
** DESCRSRC PA1: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
   LOCATION AREA4        AREA       442000.280  3760482.580      199.920
** DESCRSRC PA2: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
   LOCATION AREA5        AREA       442797.440  3760495.870      204.000
** DESCRSRC PA3: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
   LOCATION AREA6        AREA       443625.590  3760489.230      204.000
** DESCRSRC PA6: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
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   LOCATION AREA7        AREA       441989.210  3761133.590      203.460
** DESCRSRC PA1A: BUSINESS PARK
   LOCATION AREA8        AREA       442797.440  3761138.020      206.810
** DESCRSRC PA3A: BUSINESS PARK
   LOCATION AREA9        AREA       442990.080  3761138.020      206.040
** DESCRSRC PA4A: BUSINESS PARK
   LOCATION AREA10       AREA       443200.440  3761144.660      205.210
** DESCRSRC PA5A: BUSINESS PARK
   LOCATION AREA11       AREA       443623.370  3761144.660      206.000
** DESCRSRC PA6A: BUSINESS PARK
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC OFF-SITE TRAVEL 20% TO EUCLID
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0003679
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 10
** 441978.551, 3760462.251, 197.94, 3.49, 7.44
** 439899.379, 3760464.876, 189.17, 3.49, 7.44
** 439888.878, 3758606.222, 180.00, 3.49, 7.44
** 439901.143, 3756982.424, 176.00, 3.49, 7.44
** 439846.186, 3756672.849, 176.00, 3.49, 7.44
** 439677.358, 3756149.358, 176.82, 3.49, 7.44
** 439643.193, 3756050.982, 177.12, 3.49, 7.44
** 439353.232, 3755139.756, 178.80, 3.49, 7.44
** 439274.871, 3754912.661, 179.00, 3.49, 7.44
** 439085.894, 3754673.175, 180.97, 3.49, 7.44
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   LOCATION L0018801     VOLUME   441970.551 3760462.261 198.17
   LOCATION L0018802     VOLUME   441954.551 3760462.281 197.53
   LOCATION L0018803     VOLUME   441938.551 3760462.301 197.11
   LOCATION L0018804     VOLUME   441922.551 3760462.321 196.69
   LOCATION L0018805     VOLUME   441906.551 3760462.342 196.28
   LOCATION L0018806     VOLUME   441890.551 3760462.362 195.86
   LOCATION L0018807     VOLUME   441874.551 3760462.382 195.74
   LOCATION L0018808     VOLUME   441858.551 3760462.402 195.74
   LOCATION L0018809     VOLUME   441842.551 3760462.422 195.74
   LOCATION L0018810     VOLUME   441826.551 3760462.443 195.74
   LOCATION L0018811     VOLUME   441810.551 3760462.463 195.74
   LOCATION L0018812     VOLUME   441794.551 3760462.483 195.60
   LOCATION L0018813     VOLUME   441778.551 3760462.503 195.44
   LOCATION L0018814     VOLUME   441762.551 3760462.523 195.29
   LOCATION L0018815     VOLUME   441746.551 3760462.544 195.14
   LOCATION L0018816     VOLUME   441730.551 3760462.564 195.00
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LOCATION L0018817     VOLUME   441714.551 3760462.584 195.00
LOCATION L0018818     VOLUME   441698.551 3760462.604 195.00
LOCATION L0018819     VOLUME   441682.551 3760462.624 195.00
LOCATION L0018820     VOLUME   441666.551 3760462.645 195.00
LOCATION L0018821     VOLUME   441650.551 3760462.665 195.00
LOCATION L0018822     VOLUME   441634.551 3760462.685 195.00
LOCATION L0018823     VOLUME   441618.551 3760462.705 195.00
LOCATION L0018824     VOLUME   441602.552 3760462.725 195.00
LOCATION L0018825     VOLUME   441586.552 3760462.746 195.00
LOCATION L0018826     VOLUME   441570.552 3760462.766 194.97
LOCATION L0018827     VOLUME   441554.552 3760462.786 194.92
LOCATION L0018828     VOLUME   441538.552 3760462.806 194.86
LOCATION L0018829     VOLUME   441522.552 3760462.826 194.80
LOCATION L0018830     VOLUME   441506.552 3760462.847 194.74
LOCATION L0018831     VOLUME   441490.552 3760462.867 194.72
LOCATION L0018832     VOLUME   441474.552 3760462.887 194.72
LOCATION L0018833     VOLUME   441458.552 3760462.907 194.72
LOCATION L0018834     VOLUME   441442.552 3760462.928 194.72
LOCATION L0018835     VOLUME   441426.552 3760462.948 194.72
LOCATION L0018836     VOLUME   441410.552 3760462.968 194.72
LOCATION L0018837     VOLUME   441394.552 3760462.988 194.71
LOCATION L0018838     VOLUME   441378.552 3760463.008 194.71
LOCATION L0018839     VOLUME   441362.552 3760463.029 194.71
LOCATION L0018840     VOLUME   441346.552 3760463.049 194.71
LOCATION L0018841     VOLUME   441330.552 3760463.069 194.71
LOCATION L0018842     VOLUME   441314.552 3760463.089 194.71
LOCATION L0018843     VOLUME   441298.552 3760463.109 194.71
LOCATION L0018844     VOLUME   441282.552 3760463.130 194.71
LOCATION L0018845     VOLUME   441266.552 3760463.150 194.71
LOCATION L0018846     VOLUME   441250.552 3760463.170 194.71
LOCATION L0018847     VOLUME   441234.552 3760463.190 194.71
LOCATION L0018848     VOLUME   441218.552 3760463.210 194.70
LOCATION L0018849     VOLUME   441202.552 3760463.231 194.70
LOCATION L0018850     VOLUME   441186.552 3760463.251 194.70
LOCATION L0018851     VOLUME   441170.552 3760463.271 194.70
LOCATION L0018852     VOLUME   441154.552 3760463.291 194.70
LOCATION L0018853     VOLUME   441138.552 3760463.311 194.70
LOCATION L0018854     VOLUME   441122.552 3760463.332 194.70
LOCATION L0018855     VOLUME   441106.552 3760463.352 194.74
LOCATION L0018856     VOLUME   441090.552 3760463.372 194.80
LOCATION L0018857     VOLUME   441074.552 3760463.392 194.86
LOCATION L0018858     VOLUME   441058.552 3760463.412 194.92
LOCATION L0018859     VOLUME   441042.552 3760463.433 194.99
LOCATION L0018860     VOLUME   441026.552 3760463.453 194.95
LOCATION L0018861     VOLUME   441010.552 3760463.473 194.89
LOCATION L0018862     VOLUME   440994.552 3760463.493 194.82
LOCATION L0018863     VOLUME   440978.552 3760463.513 194.76
LOCATION L0018864     VOLUME   440962.552 3760463.534 194.69
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LOCATION L0018865     VOLUME   440946.552 3760463.554 194.75
LOCATION L0018866     VOLUME   440930.552 3760463.574 194.82
LOCATION L0018867     VOLUME   440914.552 3760463.594 194.88
LOCATION L0018868     VOLUME   440898.552 3760463.614 194.95
LOCATION L0018869     VOLUME   440882.552 3760463.635 195.00
LOCATION L0018870     VOLUME   440866.552 3760463.655 195.00
LOCATION L0018871     VOLUME   440850.552 3760463.675 195.00
LOCATION L0018872     VOLUME   440834.552 3760463.695 195.00
LOCATION L0018873     VOLUME   440818.552 3760463.715 195.00
LOCATION L0018874     VOLUME   440802.552 3760463.736 195.00
LOCATION L0018875     VOLUME   440786.552 3760463.756 195.00
LOCATION L0018876     VOLUME   440770.552 3760463.776 195.00
LOCATION L0018877     VOLUME   440754.552 3760463.796 195.00
LOCATION L0018878     VOLUME   440738.552 3760463.816 195.00
LOCATION L0018879     VOLUME   440722.552 3760463.837 195.00
LOCATION L0018880     VOLUME   440706.552 3760463.857 195.00
LOCATION L0018881     VOLUME   440690.552 3760463.877 195.00
LOCATION L0018882     VOLUME   440674.552 3760463.897 195.00
LOCATION L0018883     VOLUME   440658.552 3760463.917 195.00
LOCATION L0018884     VOLUME   440642.552 3760463.938 195.00
LOCATION L0018885     VOLUME   440626.552 3760463.958 195.00
LOCATION L0018886     VOLUME   440610.552 3760463.978 195.00
LOCATION L0018887     VOLUME   440594.552 3760463.998 195.00
LOCATION L0018888     VOLUME   440578.552 3760464.018 195.00
LOCATION L0018889     VOLUME   440562.552 3760464.039 195.00
LOCATION L0018890     VOLUME   440546.552 3760464.059 195.00
LOCATION L0018891     VOLUME   440530.552 3760464.079 195.00
LOCATION L0018892     VOLUME   440514.552 3760464.099 195.00
LOCATION L0018893     VOLUME   440498.552 3760464.119 194.99
LOCATION L0018894     VOLUME   440482.552 3760464.140 194.92
LOCATION L0018895     VOLUME   440466.552 3760464.160 194.85
LOCATION L0018896     VOLUME   440450.552 3760464.180 194.78
LOCATION L0018897     VOLUME   440434.552 3760464.200 194.71
LOCATION L0018898     VOLUME   440418.552 3760464.220 194.60
LOCATION L0018899     VOLUME   440402.552 3760464.241 194.39
LOCATION L0018900     VOLUME   440386.552 3760464.261 194.18
LOCATION L0018901     VOLUME   440370.552 3760464.281 193.97
LOCATION L0018902     VOLUME   440354.553 3760464.301 193.76
LOCATION L0018903     VOLUME   440338.553 3760464.321 193.56
LOCATION L0018904     VOLUME   440322.553 3760464.342 193.35
LOCATION L0018905     VOLUME   440306.553 3760464.362 193.14
LOCATION L0018906     VOLUME   440290.553 3760464.382 192.93
LOCATION L0018907     VOLUME   440274.553 3760464.402 192.72
LOCATION L0018908     VOLUME   440258.553 3760464.422 192.65
LOCATION L0018909     VOLUME   440242.553 3760464.443 192.65
LOCATION L0018910     VOLUME   440226.553 3760464.463 192.65
LOCATION L0018911     VOLUME   440210.553 3760464.483 192.65
LOCATION L0018912     VOLUME   440194.553 3760464.503 192.65
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LOCATION	L0018913	VOLUME	440178.553	3760464.523 192.47
LOCATION	L0018914	VOLUME	440162.553	3760464.544 192.26
LOCATION	L0018915	VOLUME	440146.553	3760464.564 192.05
LOCATION	L0018916	VOLUME	440130.553	3760464.584 191.84
LOCATION	L0018917	VOLUME	440114.553	3760464.604 191.65
LOCATION	L0018918	VOLUME	440098.553	3760464.624 191.64
LOCATION	L0018919	VOLUME	440082.553	3760464.645 191.64
LOCATION	L0018920	VOLUME	440066.553	3760464.665 191.64
LOCATION	L0018921	VOLUME	440050.553	3760464.685 191.64
LOCATION	L0018922	VOLUME	440034.553	3760464.705 191.59
LOCATION	L0018923	VOLUME	440018.553	3760464.725 191.38
LOCATION	L0018924	VOLUME	440002.553	3760464.746 191.17
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LOCATION	L0018926	VOLUME	439970.553	3760464.786 190.75
LOCATION	L0018927	VOLUME	439954.553	3760464.806 190.55
LOCATION	L0018928	VOLUME	439938.553	3760464.826 190.34
LOCATION	L0018929	VOLUME	439922.553	3760464.847 190.13
LOCATION	L0018930	VOLUME	439906.553	3760464.867 189.92
LOCATION	L0018931	VOLUME	439899.329	3760456.050 189.73
LOCATION	L0018932	VOLUME	439899.239	3760440.050 189.56
LOCATION	L0018933	VOLUME	439899.148	3760424.050 189.38
LOCATION	L0018934	VOLUME	439899.058	3760408.051 189.21
LOCATION	L0018935	VOLUME	439898.968	3760392.051 189.04
LOCATION	L0018936	VOLUME	439898.877	3760376.051 188.87
LOCATION	L0018937	VOLUME	439898.787	3760360.051 188.69
LOCATION	L0018938	VOLUME	439898.696	3760344.052 188.52
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LOCATION	L0018940	VOLUME	439898.516	3760312.052 188.19
LOCATION	L0018941	VOLUME	439898.425	3760296.052 188.16
LOCATION	L0018942	VOLUME	439898.335	3760280.053 188.12
LOCATION	L0018943	VOLUME	439898.244	3760264.053 188.09
LOCATION	L0018944	VOLUME	439898.154	3760248.053 188.06
LOCATION	L0018945	VOLUME	439898.064	3760232.054 188.02
LOCATION	L0018946	VOLUME	439897.973	3760216.054 187.94
LOCATION	L0018947	VOLUME	439897.883	3760200.054 187.77
LOCATION	L0018948	VOLUME	439897.792	3760184.054 187.59
LOCATION	L0018949	VOLUME	439897.702	3760168.055 187.42
LOCATION	L0018950	VOLUME	439897.612	3760152.055 187.25
LOCATION	L0018951	VOLUME	439897.521	3760136.055 187.07
LOCATION	L0018952	VOLUME	439897.431	3760120.055 186.90
LOCATION	L0018953	VOLUME	439897.340	3760104.056 186.73
LOCATION	L0018954	VOLUME	439897.250	3760088.056 186.56
LOCATION	L0018955	VOLUME	439897.160	3760072.056 186.38
LOCATION	L0018956	VOLUME	439897.069	3760056.056 186.21
LOCATION	L0018957	VOLUME	439896.979	3760040.057 186.04
LOCATION	L0018958	VOLUME	439896.889	3760024.057 185.89
LOCATION	L0018959	VOLUME	439896.798	3760008.057 185.75
LOCATION	L0018960	VOLUME	439896.708	3759992.057 185.61

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LOCATION L0018961     VOLUME   439896.617 3759976.058 185.47
LOCATION L0018962     VOLUME   439896.527 3759960.058 185.33
LOCATION L0018963     VOLUME   439896.437 3759944.058 185.20
LOCATION L0018964     VOLUME   439896.346 3759928.058 185.16
LOCATION L0018965     VOLUME   439896.256 3759912.059 185.13
LOCATION L0018966     VOLUME   439896.165 3759896.059 185.09
LOCATION L0018967     VOLUME   439896.075 3759880.059 185.06
LOCATION L0018968     VOLUME   439895.985 3759864.059 185.03
LOCATION L0018969     VOLUME   439895.894 3759848.060 185.00
LOCATION L0018970     VOLUME   439895.804 3759832.060 185.00
LOCATION L0018971     VOLUME   439895.713 3759816.060 185.00
LOCATION L0018972     VOLUME   439895.623 3759800.060 185.00
LOCATION L0018973     VOLUME   439895.533 3759784.061 185.00
LOCATION L0018974     VOLUME   439895.442 3759768.061 185.00
LOCATION L0018975     VOLUME   439895.352 3759752.061 185.00
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LOCATION L0018983     VOLUME   439894.629 3759624.063 185.00
LOCATION L0018984     VOLUME   439894.538 3759608.063 185.00
LOCATION L0018985     VOLUME   439894.448 3759592.064 185.00
LOCATION L0018986     VOLUME   439894.357 3759576.064 185.00
LOCATION L0018987     VOLUME   439894.267 3759560.064 185.00
LOCATION L0018988     VOLUME   439894.177 3759544.064 185.00
LOCATION L0018989     VOLUME   439894.086 3759528.065 185.00
LOCATION L0018990     VOLUME   439893.996 3759512.065 185.00
LOCATION L0018991     VOLUME   439893.906 3759496.065 185.00
LOCATION L0018992     VOLUME   439893.815 3759480.066 184.98
LOCATION L0018993     VOLUME   439893.725 3759464.066 184.80
LOCATION L0018994     VOLUME   439893.634 3759448.066 184.63
LOCATION L0018995     VOLUME   439893.544 3759432.066 184.46
LOCATION L0018996     VOLUME   439893.454 3759416.067 184.28
LOCATION L0018997     VOLUME   439893.363 3759400.067 184.11
LOCATION L0018998     VOLUME   439893.273 3759384.067 184.00
LOCATION L0018999     VOLUME   439893.182 3759368.067 184.00
LOCATION L0019000     VOLUME   439893.092 3759352.068 184.00
LOCATION L0019001     VOLUME   439893.002 3759336.068 184.00
LOCATION L0019002     VOLUME   439892.911 3759320.068 184.00
LOCATION L0019003     VOLUME   439892.821 3759304.068 184.00
LOCATION L0019004     VOLUME   439892.730 3759288.069 183.90
LOCATION L0019005     VOLUME   439892.640 3759272.069 183.72
LOCATION L0019006     VOLUME   439892.550 3759256.069 183.55
LOCATION L0019007     VOLUME   439892.459 3759240.069 183.38
LOCATION L0019008     VOLUME   439892.369 3759224.070 183.20
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LOCATION	L0019009	VOLUME	439892.278	3759208.070	183.03
LOCATION	L0019010	VOLUME	439892.188	3759192.070	183.00
LOCATION	L0019011	VOLUME	439892.098	3759176.070	183.00
LOCATION	L0019012	VOLUME	439892.007	3759160.071	183.00
LOCATION	L0019013	VOLUME	439891.917	3759144.071	183.00
LOCATION	L0019014	VOLUME	439891.826	3759128.071	183.00
LOCATION	L0019015	VOLUME	439891.736	3759112.071	182.99
LOCATION	L0019016	VOLUME	439891.646	3759096.072	182.82
LOCATION	L0019017	VOLUME	439891.555	3759080.072	182.65
LOCATION	L0019018	VOLUME	439891.465	3759064.072	182.47
LOCATION	L0019019	VOLUME	439891.374	3759048.072	182.30
LOCATION	L0019020	VOLUME	439891.284	3759032.073	182.13
LOCATION	L0019021	VOLUME	439891.194	3759016.073	181.95
LOCATION	L0019022	VOLUME	439891.103	3759000.073	181.78
LOCATION	L0019023	VOLUME	439891.013	3758984.073	181.61
LOCATION	L0019024	VOLUME	439890.923	3758968.074	181.43
LOCATION	L0019025	VOLUME	439890.832	3758952.074	181.26
LOCATION	L0019026	VOLUME	439890.742	3758936.074	181.09
LOCATION	L0019027	VOLUME	439890.651	3758920.074	181.00
LOCATION	L0019028	VOLUME	439890.561	3758904.075	181.00
LOCATION	L0019029	VOLUME	439890.471	3758888.075	181.00
LOCATION	L0019030	VOLUME	439890.380	3758872.075	181.00
LOCATION	L0019031	VOLUME	439890.290	3758856.075	181.00
LOCATION	L0019032	VOLUME	439890.199	3758840.076	181.00
LOCATION	L0019033	VOLUME	439890.109	3758824.076	181.00
LOCATION	L0019034	VOLUME	439890.019	3758808.076	181.00
LOCATION	L0019035	VOLUME	439889.928	3758792.076	181.00
LOCATION	L0019036	VOLUME	439889.838	3758776.077	181.00
LOCATION	L0019037	VOLUME	439889.747	3758760.077	181.00
LOCATION	L0019038	VOLUME	439889.657	3758744.077	181.00
LOCATION	L0019039	VOLUME	439889.567	3758728.078	180.84
LOCATION	L0019040	VOLUME	439889.476	3758712.078	180.66
LOCATION	L0019041	VOLUME	439889.386	3758696.078	180.49
LOCATION	L0019042	VOLUME	439889.295	3758680.078	180.32
LOCATION	L0019043	VOLUME	439889.205	3758664.079	180.14
LOCATION	L0019044	VOLUME	439889.115	3758648.079	180.00
LOCATION	L0019045	VOLUME	439889.024	3758632.079	180.00
LOCATION	L0019046	VOLUME	439888.934	3758616.079	180.00
LOCATION	L0019047	VOLUME	439888.925	3758600.080	180.00
LOCATION	L0019048	VOLUME	439889.045	3758584.080	180.00
LOCATION	L0019049	VOLUME	439889.166	3758568.081	180.00
LOCATION	L0019050	VOLUME	439889.287	3758552.081	179.93
LOCATION	L0019051	VOLUME	439889.408	3758536.081	179.76
LOCATION	L0019052	VOLUME	439889.529	3758520.082	179.59
LOCATION	L0019053	VOLUME	439889.650	3758504.082	179.41
LOCATION	L0019054	VOLUME	439889.771	3758488.083	179.24
LOCATION	L0019055	VOLUME	439889.891	3758472.083	179.07
LOCATION	L0019056	VOLUME	439890.012	3758456.084	179.00

LOCATION	L0019057	VOLUME	439890.133	3758440.084 179.00
LOCATION	L0019058	VOLUME	439890.254	3758424.085 179.00
LOCATION	L0019059	VOLUME	439890.375	3758408.085 179.00
LOCATION	L0019060	VOLUME	439890.496	3758392.086 179.00
LOCATION	L0019061	VOLUME	439890.616	3758376.086 179.00
LOCATION	L0019062	VOLUME	439890.737	3758360.086 178.85
LOCATION	L0019063	VOLUME	439890.858	3758344.087 178.68
LOCATION	L0019064	VOLUME	439890.979	3758328.087 178.51
LOCATION	L0019065	VOLUME	439891.100	3758312.088 178.34
LOCATION	L0019066	VOLUME	439891.221	3758296.088 178.16
LOCATION	L0019067	VOLUME	439891.342	3758280.089 178.00
LOCATION	L0019068	VOLUME	439891.462	3758264.089 178.00
LOCATION	L0019069	VOLUME	439891.583	3758248.090 178.00
LOCATION	L0019070	VOLUME	439891.704	3758232.090 178.00
LOCATION	L0019071	VOLUME	439891.825	3758216.091 178.00
LOCATION	L0019072	VOLUME	439891.946	3758200.091 178.00
LOCATION	L0019073	VOLUME	439892.067	3758184.091 177.95
LOCATION	L0019074	VOLUME	439892.188	3758168.092 177.78
LOCATION	L0019075	VOLUME	439892.308	3758152.092 177.60
LOCATION	L0019076	VOLUME	439892.429	3758136.093 177.43
LOCATION	L0019077	VOLUME	439892.550	3758120.093 177.26
LOCATION	L0019078	VOLUME	439892.671	3758104.094 177.08
LOCATION	L0019079	VOLUME	439892.792	3758088.094 177.00
LOCATION	L0019080	VOLUME	439892.913	3758072.095 177.00
LOCATION	L0019081	VOLUME	439893.033	3758056.095 177.00
LOCATION	L0019082	VOLUME	439893.154	3758040.096 177.00
LOCATION	L0019083	VOLUME	439893.275	3758024.096 177.00
LOCATION	L0019084	VOLUME	439893.396	3758008.097 177.00
LOCATION	L0019085	VOLUME	439893.517	3757992.097 176.87
LOCATION	L0019086	VOLUME	439893.638	3757976.097 176.70
LOCATION	L0019087	VOLUME	439893.759	3757960.098 176.53
LOCATION	L0019088	VOLUME	439893.879	3757944.098 176.35
LOCATION	L0019089	VOLUME	439894.000	3757928.099 176.18
LOCATION	L0019090	VOLUME	439894.121	3757912.099 176.01
LOCATION	L0019091	VOLUME	439894.242	3757896.100 176.00
LOCATION	L0019092	VOLUME	439894.363	3757880.100 176.00
LOCATION	L0019093	VOLUME	439894.484	3757864.101 176.00
LOCATION	L0019094	VOLUME	439894.605	3757848.101 176.00
LOCATION	L0019095	VOLUME	439894.725	3757832.102 176.00
LOCATION	L0019096	VOLUME	439894.846	3757816.102 176.00
LOCATION	L0019097	VOLUME	439894.967	3757800.102 176.00
LOCATION	L0019098	VOLUME	439895.088	3757784.103 176.00
LOCATION	L0019099	VOLUME	439895.209	3757768.103 176.00
LOCATION	L0019100	VOLUME	439895.330	3757752.104 176.00
LOCATION	L0019101	VOLUME	439895.450	3757736.104 176.00
LOCATION	L0019102	VOLUME	439895.571	3757720.105 176.00
LOCATION	L0019103	VOLUME	439895.692	3757704.105 176.00
LOCATION	L0019104	VOLUME	439895.813	3757688.106 176.00

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LOCATION L0019105     VOLUME   439895.934 3757672.106 176.00
LOCATION L0019106     VOLUME   439896.055 3757656.107 176.00
LOCATION L0019107     VOLUME   439896.176 3757640.107 176.00
LOCATION L0019108     VOLUME   439896.296 3757624.107 176.00
LOCATION L0019109     VOLUME   439896.417 3757608.108 176.00
LOCATION L0019110     VOLUME   439896.538 3757592.108 176.00
LOCATION L0019111     VOLUME   439896.659 3757576.109 176.00
LOCATION L0019112     VOLUME   439896.780 3757560.109 176.00
LOCATION L0019113     VOLUME   439896.901 3757544.110 176.00
LOCATION L0019114     VOLUME   439897.022 3757528.110 176.00
LOCATION L0019115     VOLUME   439897.142 3757512.111 176.00
LOCATION L0019116     VOLUME   439897.263 3757496.111 176.00
LOCATION L0019117     VOLUME   439897.384 3757480.112 176.00
LOCATION L0019118     VOLUME   439897.505 3757464.112 176.00
LOCATION L0019119     VOLUME   439897.626 3757448.112 176.00
LOCATION L0019120     VOLUME   439897.747 3757432.113 176.00
LOCATION L0019121     VOLUME   439897.867 3757416.113 176.00
LOCATION L0019122     VOLUME   439897.988 3757400.114 176.00
LOCATION L0019123     VOLUME   439898.109 3757384.114 176.00
LOCATION L0019124     VOLUME   439898.230 3757368.115 176.00
LOCATION L0019125     VOLUME   439898.351 3757352.115 176.00
LOCATION L0019126     VOLUME   439898.472 3757336.116 176.00
LOCATION L0019127     VOLUME   439898.593 3757320.116 176.00
LOCATION L0019128     VOLUME   439898.713 3757304.117 176.00
LOCATION L0019129     VOLUME   439898.834 3757288.117 176.00
LOCATION L0019130     VOLUME   439898.955 3757272.118 176.00
LOCATION L0019131     VOLUME   439899.076 3757256.118 176.00
LOCATION L0019132     VOLUME   439899.197 3757240.118 176.00
LOCATION L0019133     VOLUME   439899.318 3757224.119 176.00
LOCATION L0019134     VOLUME   439899.439 3757208.119 176.00
LOCATION L0019135     VOLUME   439899.559 3757192.120 176.00
LOCATION L0019136     VOLUME   439899.680 3757176.120 176.00
LOCATION L0019137     VOLUME   439899.801 3757160.121 176.00
LOCATION L0019138     VOLUME   439899.922 3757144.121 176.00
LOCATION L0019139     VOLUME   439900.043 3757128.122 176.00
LOCATION L0019140     VOLUME   439900.164 3757112.122 176.00
LOCATION L0019141     VOLUME   439900.284 3757096.123 176.00
LOCATION L0019142     VOLUME   439900.405 3757080.123 176.00
LOCATION L0019143     VOLUME   439900.526 3757064.123 176.00
LOCATION L0019144     VOLUME   439900.647 3757048.124 176.00
LOCATION L0019145     VOLUME   439900.768 3757032.124 176.00
LOCATION L0019146     VOLUME   439900.889 3757016.125 176.00
LOCATION L0019147     VOLUME   439901.010 3757000.125 176.00
LOCATION L0019148     VOLUME   439901.130 3756984.126 176.00
LOCATION L0019149     VOLUME   439898.644 3756968.346 176.00
LOCATION L0019150     VOLUME   439895.847 3756952.592 176.00
LOCATION L0019151     VOLUME   439893.051 3756936.839 176.00
LOCATION L0019152     VOLUME   439890.254 3756921.085 176.00
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LOCATION L0019154     VOLUME   439884.661 3756889.577 176.00
LOCATION L0019155     VOLUME   439881.864 3756873.824 176.00
LOCATION L0019156     VOLUME   439879.067 3756858.070 176.00
LOCATION L0019157     VOLUME   439876.271 3756842.316 176.00
LOCATION L0019158     VOLUME   439873.474 3756826.563 176.00
LOCATION L0019159     VOLUME   439870.677 3756810.809 176.00
LOCATION L0019160     VOLUME   439867.880 3756795.055 176.00
LOCATION L0019161     VOLUME   439865.084 3756779.302 176.00
LOCATION L0019162     VOLUME   439862.287 3756763.548 176.00
LOCATION L0019163     VOLUME   439859.490 3756747.794 176.00
LOCATION L0019164     VOLUME   439856.694 3756732.041 176.00
LOCATION L0019165     VOLUME   439853.897 3756716.287 176.00
LOCATION L0019166     VOLUME   439851.100 3756700.533 176.00
LOCATION L0019167     VOLUME   439848.304 3756684.780 176.00
LOCATION L0019168     VOLUME   439844.994 3756669.154 176.00
LOCATION L0019169     VOLUME   439840.083 3756653.926 176.00
LOCATION L0019170     VOLUME   439835.172 3756638.698 176.00
LOCATION L0019171     VOLUME   439830.261 3756623.471 176.00
LOCATION L0019172     VOLUME   439825.350 3756608.243 176.00
LOCATION L0019173     VOLUME   439820.439 3756593.015 176.00
LOCATION L0019174     VOLUME   439815.528 3756577.787 176.00
LOCATION L0019175     VOLUME   439810.617 3756562.560 176.00
LOCATION L0019176     VOLUME   439805.706 3756547.332 176.00
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LOCATION L0019179     VOLUME   439790.973 3756501.649 176.00
LOCATION L0019180     VOLUME   439786.062 3756486.421 176.00
LOCATION L0019181     VOLUME   439781.151 3756471.194 176.01
LOCATION L0019182     VOLUME   439776.240 3756455.966 176.08
LOCATION L0019183     VOLUME   439771.329 3756440.738 176.14
LOCATION L0019184     VOLUME   439766.418 3756425.511 176.20
LOCATION L0019185     VOLUME   439761.507 3756410.283 176.26
LOCATION L0019186     VOLUME   439756.596 3756395.055 176.33
LOCATION L0019187     VOLUME   439751.685 3756379.828 176.39
LOCATION L0019188     VOLUME   439746.774 3756364.600 176.45
LOCATION L0019189     VOLUME   439741.863 3756349.372 176.51
LOCATION L0019190     VOLUME   439736.953 3756334.145 176.58
LOCATION L0019191     VOLUME   439732.042 3756318.917 176.64
LOCATION L0019192     VOLUME   439727.131 3756303.689 176.70
LOCATION L0019193     VOLUME   439722.220 3756288.461 176.76
LOCATION L0019194     VOLUME   439717.309 3756273.234 176.83
LOCATION L0019195     VOLUME   439712.398 3756258.006 176.89
LOCATION L0019196     VOLUME   439707.487 3756242.778 176.95
LOCATION L0019197     VOLUME   439702.576 3756227.551 177.00
LOCATION L0019198     VOLUME   439697.665 3756212.323 177.00
LOCATION L0019199     VOLUME   439692.754 3756197.095 177.00
LOCATION L0019200     VOLUME   439687.843 3756181.868 177.00
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LOCATION L0019201     VOLUME   439682.932 3756166.640 177.00
LOCATION L0019202     VOLUME   439678.021 3756151.412 177.00
LOCATION L0019203     VOLUME   439672.817 3756136.283 177.00
LOCATION L0019204     VOLUME   439667.568 3756121.168 177.00
LOCATION L0019205     VOLUME   439662.319 3756106.054 177.00
LOCATION L0019206     VOLUME   439657.070 3756090.939 177.00
LOCATION L0019207     VOLUME   439651.821 3756075.825 177.00
LOCATION L0019208     VOLUME   439646.571 3756060.710 177.00
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LOCATION L0019210     VOLUME   439636.612 3756030.302 177.00
LOCATION L0019211     VOLUME   439631.761 3756015.055 177.00
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LOCATION L0019216     VOLUME   439607.502 3755938.822 177.22
LOCATION L0019217     VOLUME   439602.651 3755923.575 177.29
LOCATION L0019218     VOLUME   439597.799 3755908.329 177.35
LOCATION L0019219     VOLUME   439592.947 3755893.082 177.41
LOCATION L0019220     VOLUME   439588.096 3755877.835 177.47
LOCATION L0019221     VOLUME   439583.244 3755862.589 177.53
LOCATION L0019222     VOLUME   439578.393 3755847.342 177.59
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LOCATION L0019224     VOLUME   439568.689 3755816.848 177.72
LOCATION L0019225     VOLUME   439563.838 3755801.602 177.78
LOCATION L0019226     VOLUME   439558.986 3755786.355 177.84
LOCATION L0019227     VOLUME   439554.134 3755771.108 177.90
LOCATION L0019228     VOLUME   439549.283 3755755.862 177.96
LOCATION L0019229     VOLUME   439544.431 3755740.615 178.00
LOCATION L0019230     VOLUME   439539.579 3755725.368 178.00
LOCATION L0019231     VOLUME   439534.728 3755710.122 178.00
LOCATION L0019232     VOLUME   439529.876 3755694.875 178.00
LOCATION L0019233     VOLUME   439525.024 3755679.628 178.00
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LOCATION L0019235     VOLUME   439515.321 3755649.135 178.00
LOCATION L0019236     VOLUME   439510.470 3755633.888 178.00
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LOCATION L0019238     VOLUME   439500.766 3755603.395 178.00
LOCATION L0019239     VOLUME   439495.915 3755588.148 178.00
LOCATION L0019240     VOLUME   439491.063 3755572.901 178.00
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LOCATION L0019242     VOLUME   439481.360 3755542.408 178.00
LOCATION L0019243     VOLUME   439476.508 3755527.161 178.00
LOCATION L0019244     VOLUME   439471.656 3755511.915 178.00
LOCATION L0019245     VOLUME   439466.805 3755496.668 178.00
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LOCATION L0019248     VOLUME   439452.250 3755450.928 178.00
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LOCATION L0019253     VOLUME   439427.992 3755374.694 178.00
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LOCATION L0019260     VOLUME   439394.030 3755267.968 178.00
LOCATION L0019261     VOLUME   439389.179 3755252.721 178.00
LOCATION L0019262     VOLUME   439384.327 3755237.474 178.06
LOCATION L0019263     VOLUME   439379.475 3755222.228 178.13
LOCATION L0019264     VOLUME   439374.624 3755206.981 178.19
LOCATION L0019265     VOLUME   439369.772 3755191.734 178.25
LOCATION L0019266     VOLUME   439364.920 3755176.487 178.31
LOCATION L0019267     VOLUME   439360.069 3755161.241 178.37
LOCATION L0019268     VOLUME   439355.217 3755145.994 178.43
LOCATION L0019269     VOLUME   439350.148 3755130.819 178.50
LOCATION L0019270     VOLUME   439344.929 3755115.694 178.57
LOCATION L0019271     VOLUME   439339.710 3755100.570 178.63
LOCATION L0019272     VOLUME   439334.492 3755085.445 178.70
LOCATION L0019273     VOLUME   439329.273 3755070.320 178.76
LOCATION L0019274     VOLUME   439324.054 3755055.195 178.83
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LOCATION L0019276     VOLUME   439313.616 3755024.945 178.96
LOCATION L0019277     VOLUME   439308.397 3755009.820 179.00
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LOCATION L0019280     VOLUME   439292.740 3754964.446 179.00
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LOCATION L0019283     VOLUME   439277.083 3754919.071 179.00
LOCATION L0019284     VOLUME   439269.160 3754905.424 179.00
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LOCATION L0019286     VOLUME   439249.338 3754880.303 179.00
LOCATION L0019287     VOLUME   439239.426 3754867.742 179.00
LOCATION L0019288     VOLUME   439229.515 3754855.182 179.01
LOCATION L0019289     VOLUME   439219.603 3754842.621 179.04
LOCATION L0019290     VOLUME   439209.692 3754830.061 179.12
LOCATION L0019291     VOLUME   439199.781 3754817.500 179.23
LOCATION L0019292     VOLUME   439189.869 3754804.940 179.37
LOCATION L0019293     VOLUME   439179.958 3754792.380 179.55
LOCATION L0019294     VOLUME   439170.047 3754779.819 179.76
LOCATION L0019295     VOLUME   439160.135 3754767.259 179.94
LOCATION L0019296     VOLUME   439150.224 3754754.698 180.06
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   LOCATION L0019297     VOLUME   439140.312 3754742.138 180.19
   LOCATION L0019298     VOLUME   439130.401 3754729.577 180.32
   LOCATION L0019299     VOLUME   439120.490 3754717.017 180.45
   LOCATION L0019300     VOLUME   439110.578 3754704.457 180.57
   LOCATION L0019301     VOLUME   439100.667 3754691.896 180.70
   LOCATION L0019302     VOLUME   439090.756 3754679.336 180.83
** END OF LINE VOLUME SOURCE ID = SLINE1
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE2
** DESCRSRC OFF-SITE TRAVEL 30% TO SR-60
** PREFIX
** LENGTH OF SIDE = 22.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.000507
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 3
** 441980.003, 3760464.922, 197.98, 3.49, 10.23
** 439892.840, 3760464.922, 189.15, 3.49, 10.23
** 439921.524, 3765756.849, 258.96, 3.49, 10.23
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   LOCATION L0019806     VOLUME   441947.003 3760464.922 197.36
   LOCATION L0019807     VOLUME   441925.003 3760464.922 196.79
   LOCATION L0019808     VOLUME   441903.003 3760464.922 196.21
   LOCATION L0019809     VOLUME   441881.003 3760464.922 195.77
   LOCATION L0019810     VOLUME   441859.003 3760464.922 195.77
   LOCATION L0019811     VOLUME   441837.003 3760464.922 195.76
   LOCATION L0019812     VOLUME   441815.003 3760464.922 195.76
   LOCATION L0019813     VOLUME   441793.003 3760464.922 195.60
   LOCATION L0019814     VOLUME   441771.003 3760464.922 195.39
   LOCATION L0019815     VOLUME   441749.003 3760464.922 195.17
   LOCATION L0019816     VOLUME   441727.003 3760464.922 195.00
   LOCATION L0019817     VOLUME   441705.003 3760464.922 195.00
   LOCATION L0019818     VOLUME   441683.003 3760464.922 195.00
   LOCATION L0019819     VOLUME   441661.003 3760464.922 195.00
   LOCATION L0019820     VOLUME   441639.003 3760464.922 195.00
   LOCATION L0019821     VOLUME   441617.003 3760464.922 195.00
   LOCATION L0019822     VOLUME   441595.003 3760464.922 195.00
   LOCATION L0019823     VOLUME   441573.003 3760464.922 194.98
   LOCATION L0019824     VOLUME   441551.003 3760464.922 194.91
   LOCATION L0019825     VOLUME   441529.003 3760464.922 194.84
   LOCATION L0019826     VOLUME   441507.003 3760464.922 194.76
   LOCATION L0019827     VOLUME   441485.003 3760464.922 194.74
   LOCATION L0019828     VOLUME   441463.003 3760464.922 194.74
   LOCATION L0019829     VOLUME   441441.003 3760464.922 194.74
   LOCATION L0019830     VOLUME   441419.003 3760464.922 194.74
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LOCATION	L0019831	VOLUME	441397.003	3760464.922	194.74
LOCATION	L0019832	VOLUME	441375.003	3760464.922	194.73
LOCATION	L0019833	VOLUME	441353.003	3760464.922	194.73
LOCATION	L0019834	VOLUME	441331.003	3760464.922	194.73
LOCATION	L0019835	VOLUME	441309.003	3760464.922	194.73
LOCATION	L0019836	VOLUME	441287.003	3760464.922	194.73
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LOCATION	L0019842	VOLUME	441155.003	3760464.922	194.72
LOCATION	L0019843	VOLUME	441133.003	3760464.922	194.72
LOCATION	L0019844	VOLUME	441111.003	3760464.922	194.74
LOCATION	L0019845	VOLUME	441089.003	3760464.922	194.82
LOCATION	L0019846	VOLUME	441067.003	3760464.922	194.90
LOCATION	L0019847	VOLUME	441045.003	3760464.922	194.98
LOCATION	L0019848	VOLUME	441023.003	3760464.922	194.94
LOCATION	L0019849	VOLUME	441001.003	3760464.922	194.86
LOCATION	L0019850	VOLUME	440979.003	3760464.922	194.77
LOCATION	L0019851	VOLUME	440957.003	3760464.922	194.73
LOCATION	L0019852	VOLUME	440935.003	3760464.922	194.81
LOCATION	L0019853	VOLUME	440913.003	3760464.922	194.89
LOCATION	L0019854	VOLUME	440891.003	3760464.922	194.98
LOCATION	L0019855	VOLUME	440869.003	3760464.922	195.00
LOCATION	L0019856	VOLUME	440847.003	3760464.922	195.00
LOCATION	L0019857	VOLUME	440825.003	3760464.922	195.00
LOCATION	L0019858	VOLUME	440803.003	3760464.922	195.00
LOCATION	L0019859	VOLUME	440781.003	3760464.922	195.00
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LOCATION	L0019864	VOLUME	440671.003	3760464.922	195.00
LOCATION	L0019865	VOLUME	440649.003	3760464.922	195.00
LOCATION	L0019866	VOLUME	440627.003	3760464.922	195.00
LOCATION	L0019867	VOLUME	440605.003	3760464.922	195.00
LOCATION	L0019868	VOLUME	440583.003	3760464.922	195.00
LOCATION	L0019869	VOLUME	440561.003	3760464.922	195.00
LOCATION	L0019870	VOLUME	440539.003	3760464.922	195.00
LOCATION	L0019871	VOLUME	440517.003	3760464.922	195.00
LOCATION	L0019872	VOLUME	440495.003	3760464.922	194.98
LOCATION	L0019873	VOLUME	440473.003	3760464.922	194.88
LOCATION	L0019874	VOLUME	440451.003	3760464.922	194.79
LOCATION	L0019875	VOLUME	440429.003	3760464.922	194.69
LOCATION	L0019876	VOLUME	440407.003	3760464.922	194.46
LOCATION	L0019877	VOLUME	440385.003	3760464.922	194.17
LOCATION	L0019878	VOLUME	440363.003	3760464.922	193.88

LOCATION	L0019879	VOLUME	440341.003	3760464.922 193.59
LOCATION	L0019880	VOLUME	440319.003	3760464.922 193.31
LOCATION	L0019881	VOLUME	440297.003	3760464.922 193.02
LOCATION	L0019882	VOLUME	440275.003	3760464.922 192.73
LOCATION	L0019883	VOLUME	440253.003	3760464.922 192.66
LOCATION	L0019884	VOLUME	440231.003	3760464.922 192.66
LOCATION	L0019885	VOLUME	440209.003	3760464.922 192.65
LOCATION	L0019886	VOLUME	440187.003	3760464.922 192.58
LOCATION	L0019887	VOLUME	440165.003	3760464.922 192.30
LOCATION	L0019888	VOLUME	440143.003	3760464.922 192.01
LOCATION	L0019889	VOLUME	440121.003	3760464.922 191.72
LOCATION	L0019890	VOLUME	440099.003	3760464.922 191.65
LOCATION	L0019891	VOLUME	440077.003	3760464.922 191.65
LOCATION	L0019892	VOLUME	440055.003	3760464.922 191.64
LOCATION	L0019893	VOLUME	440033.003	3760464.922 191.57
LOCATION	L0019894	VOLUME	440011.003	3760464.922 191.28
LOCATION	L0019895	VOLUME	439989.003	3760464.922 191.00
LOCATION	L0019896	VOLUME	439967.003	3760464.922 190.71
LOCATION	L0019897	VOLUME	439945.003	3760464.922 190.42
LOCATION	L0019898	VOLUME	439923.003	3760464.922 190.14
LOCATION	L0019899	VOLUME	439901.003	3760464.922 189.85
LOCATION	L0019900	VOLUME	439892.915	3760478.760 189.89
LOCATION	L0019901	VOLUME	439893.034	3760500.760 190.13
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LOCATION	L0019903	VOLUME	439893.273	3760544.759 190.60
LOCATION	L0019904	VOLUME	439893.392	3760566.759 190.84
LOCATION	L0019905	VOLUME	439893.511	3760588.758 191.08
LOCATION	L0019906	VOLUME	439893.631	3760610.758 191.32
LOCATION	L0019907	VOLUME	439893.750	3760632.758 191.56
LOCATION	L0019908	VOLUME	439893.869	3760654.757 191.79
LOCATION	L0019909	VOLUME	439893.988	3760676.757 192.03
LOCATION	L0019910	VOLUME	439894.108	3760698.757 192.42
LOCATION	L0019911	VOLUME	439894.227	3760720.756 192.87
LOCATION	L0019912	VOLUME	439894.346	3760742.756 193.32
LOCATION	L0019913	VOLUME	439894.465	3760764.756 193.77
LOCATION	L0019914	VOLUME	439894.585	3760786.755 194.10
LOCATION	L0019915	VOLUME	439894.704	3760808.755 194.32
LOCATION	L0019916	VOLUME	439894.823	3760830.755 194.53
LOCATION	L0019917	VOLUME	439894.942	3760852.754 194.74
LOCATION	L0019918	VOLUME	439895.062	3760874.754 194.97
LOCATION	L0019919	VOLUME	439895.181	3760896.754 195.24
LOCATION	L0019920	VOLUME	439895.300	3760918.753 195.50
LOCATION	L0019921	VOLUME	439895.419	3760940.753 195.76
LOCATION	L0019922	VOLUME	439895.539	3760962.753 196.02
LOCATION	L0019923	VOLUME	439895.658	3760984.752 196.26
LOCATION	L0019924	VOLUME	439895.777	3761006.752 196.50
LOCATION	L0019925	VOLUME	439895.896	3761028.752 196.74
LOCATION	L0019926	VOLUME	439896.016	3761050.751 196.97

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LOCATION L0019927     VOLUME   439896.135 3761072.751 197.21
LOCATION L0019928     VOLUME   439896.254 3761094.751 197.45
LOCATION L0019929     VOLUME   439896.373 3761116.750 197.69
LOCATION L0019930     VOLUME   439896.493 3761138.750 197.93
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LOCATION L0019936     VOLUME   439897.208 3761270.748 199.67
LOCATION L0019937     VOLUME   439897.327 3761292.748 200.13
LOCATION L0019938     VOLUME   439897.447 3761314.748 200.58
LOCATION L0019939     VOLUME   439897.566 3761336.747 200.98
LOCATION L0019940     VOLUME   439897.685 3761358.747 201.24
LOCATION L0019941     VOLUME   439897.804 3761380.747 201.50
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LOCATION L0019949     VOLUME   439898.758 3761556.744 203.86
LOCATION L0019950     VOLUME   439898.877 3761578.744 204.31
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LOCATION L0019953     VOLUME   439899.235 3761644.743 205.35
LOCATION L0019954     VOLUME   439899.354 3761666.742 205.61
LOCATION L0019955     VOLUME   439899.474 3761688.742 205.87
LOCATION L0019956     VOLUME   439899.593 3761710.742 206.12
LOCATION L0019957     VOLUME   439899.712 3761732.741 206.35
LOCATION L0019958     VOLUME   439899.831 3761754.741 206.59
LOCATION L0019959     VOLUME   439899.951 3761776.741 206.83
LOCATION L0019960     VOLUME   439900.070 3761798.740 207.14
LOCATION L0019961     VOLUME   439900.189 3761820.740 207.61
LOCATION L0019962     VOLUME   439900.308 3761842.740 208.09
LOCATION L0019963     VOLUME   439900.428 3761864.739 208.57
LOCATION L0019964     VOLUME   439900.547 3761886.739 209.04
LOCATION L0019965     VOLUME   439900.666 3761908.739 209.52
LOCATION L0019966     VOLUME   439900.785 3761930.739 209.99
LOCATION L0019967     VOLUME   439900.905 3761952.738 210.47
LOCATION L0019968     VOLUME   439901.024 3761974.738 210.95
LOCATION L0019969     VOLUME   439901.143 3761996.738 211.21
LOCATION L0019970     VOLUME   439901.262 3762018.737 211.45
LOCATION L0019971     VOLUME   439901.382 3762040.737 211.69
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LOCATION L0019973     VOLUME   439901.620 3762084.736 212.31
LOCATION L0019974     VOLUME   439901.739 3762106.736 212.77
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LOCATION L0019976     VOLUME   439901.978 3762150.735 213.68
LOCATION L0019977     VOLUME   439902.097 3762172.735 214.04
LOCATION L0019978     VOLUME   439902.216 3762194.735 214.30
LOCATION L0019979     VOLUME   439902.336 3762216.734 214.56
LOCATION L0019980     VOLUME   439902.455 3762238.734 214.82
LOCATION L0019981     VOLUME   439902.574 3762260.734 215.07
LOCATION L0019982     VOLUME   439902.693 3762282.733 215.31
LOCATION L0019983     VOLUME   439902.813 3762304.733 215.54
LOCATION L0019984     VOLUME   439902.932 3762326.733 215.78
LOCATION L0019985     VOLUME   439903.051 3762348.732 215.93
LOCATION L0019986     VOLUME   439903.170 3762370.732 215.18
LOCATION L0019987     VOLUME   439903.290 3762392.732 214.43
LOCATION L0019988     VOLUME   439903.409 3762414.731 213.67
LOCATION L0019989     VOLUME   439903.528 3762436.731 212.92
LOCATION L0019990     VOLUME   439903.647 3762458.731 212.43
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LOCATION L0019994     VOLUME   439904.124 3762546.729 211.57
LOCATION L0019995     VOLUME   439904.244 3762568.729 212.52
LOCATION L0019996     VOLUME   439904.363 3762590.729 213.48
LOCATION L0019997     VOLUME   439904.482 3762612.729 214.43
LOCATION L0019998     VOLUME   439904.601 3762634.728 215.04
LOCATION L0019999     VOLUME   439904.721 3762656.728 215.30
LOCATION L0020000     VOLUME   439904.840 3762678.728 215.56
LOCATION L0020001     VOLUME   439904.959 3762700.727 215.82
LOCATION L0020002     VOLUME   439905.078 3762722.727 216.28
LOCATION L0020003     VOLUME   439905.197 3762744.727 217.27
LOCATION L0020004     VOLUME   439905.317 3762766.726 218.26
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LOCATION L0020007     VOLUME   439905.674 3762832.725 219.34
LOCATION L0020008     VOLUME   439905.794 3762854.725 218.59
LOCATION L0020009     VOLUME   439905.913 3762876.725 217.84
LOCATION L0020010     VOLUME   439906.032 3762898.724 217.09
LOCATION L0020011     VOLUME   439906.151 3762920.724 217.02
LOCATION L0020012     VOLUME   439906.271 3762942.724 217.04
LOCATION L0020013     VOLUME   439906.390 3762964.723 217.05
LOCATION L0020014     VOLUME   439906.509 3762986.723 217.07
LOCATION L0020015     VOLUME   439906.628 3763008.723 217.39
LOCATION L0020016     VOLUME   439906.748 3763030.722 217.85
LOCATION L0020017     VOLUME   439906.867 3763052.722 218.31
LOCATION L0020018     VOLUME   439906.986 3763074.722 218.76
LOCATION L0020019     VOLUME   439907.105 3763096.721 219.22
LOCATION L0020020     VOLUME   439907.225 3763118.721 219.68
LOCATION L0020021     VOLUME   439907.344 3763140.721 220.14
LOCATION L0020022     VOLUME   439907.463 3763162.720 220.60
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LOCATION L0020024     VOLUME   439907.702 3763206.720 220.92
LOCATION L0020025     VOLUME   439907.821 3763228.719 220.93
LOCATION L0020026     VOLUME   439907.940 3763250.719 220.93
LOCATION L0020027     VOLUME   439908.059 3763272.719 220.99
LOCATION L0020028     VOLUME   439908.179 3763294.718 221.72
LOCATION L0020029     VOLUME   439908.298 3763316.718 222.45
LOCATION L0020030     VOLUME   439908.417 3763338.718 223.18
LOCATION L0020031     VOLUME   439908.536 3763360.718 223.92
LOCATION L0020032     VOLUME   439908.656 3763382.717 223.17
LOCATION L0020033     VOLUME   439908.775 3763404.717 222.24
LOCATION L0020034     VOLUME   439908.894 3763426.717 221.30
LOCATION L0020035     VOLUME   439909.013 3763448.716 220.37
LOCATION L0020036     VOLUME   439909.133 3763470.716 220.57
LOCATION L0020037     VOLUME   439909.252 3763492.716 221.30
LOCATION L0020038     VOLUME   439909.371 3763514.715 222.03
LOCATION L0020039     VOLUME   439909.490 3763536.715 222.77
LOCATION L0020040     VOLUME   439909.610 3763558.715 222.90
LOCATION L0020041     VOLUME   439909.729 3763580.714 222.41
LOCATION L0020042     VOLUME   439909.848 3763602.714 221.92
LOCATION L0020043     VOLUME   439909.967 3763624.714 221.42
LOCATION L0020044     VOLUME   439910.087 3763646.713 221.28
LOCATION L0020045     VOLUME   439910.206 3763668.713 222.01
LOCATION L0020046     VOLUME   439910.325 3763690.713 222.74
LOCATION L0020047     VOLUME   439910.444 3763712.712 223.47
LOCATION L0020048     VOLUME   439910.564 3763734.712 224.23
LOCATION L0020049     VOLUME   439910.683 3763756.712 225.38
LOCATION L0020050     VOLUME   439910.802 3763778.711 226.52
LOCATION L0020051     VOLUME   439910.921 3763800.711 227.66
LOCATION L0020052     VOLUME   439911.041 3763822.711 228.80
LOCATION L0020053     VOLUME   439911.160 3763844.710 229.59
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LOCATION L0020057     VOLUME   439911.637 3763932.709 231.88
LOCATION L0020058     VOLUME   439911.756 3763954.709 231.61
LOCATION L0020059     VOLUME   439911.875 3763976.708 231.34
LOCATION L0020060     VOLUME   439911.994 3763998.708 231.07
LOCATION L0020061     VOLUME   439912.114 3764020.708 230.71
LOCATION L0020062     VOLUME   439912.233 3764042.707 230.25
LOCATION L0020063     VOLUME   439912.352 3764064.707 229.79
LOCATION L0020064     VOLUME   439912.471 3764086.707 229.33
LOCATION L0020065     VOLUME   439912.591 3764108.707 229.34
LOCATION L0020066     VOLUME   439912.710 3764130.706 230.55
LOCATION L0020067     VOLUME   439912.829 3764152.706 231.75
LOCATION L0020068     VOLUME   439912.948 3764174.706 232.96
LOCATION L0020069     VOLUME   439913.068 3764196.705 234.16
LOCATION L0020070     VOLUME   439913.187 3764218.705 235.34
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LOCATION L0020072     VOLUME   439913.425 3764262.704 237.69
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LOCATION L0020075     VOLUME   439913.783 3764328.703 237.65
LOCATION L0020076     VOLUME   439913.902 3764350.703 236.94
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LOCATION L0020078     VOLUME   439914.141 3764394.702 236.49
LOCATION L0020079     VOLUME   439914.260 3764416.702 237.20
LOCATION L0020080     VOLUME   439914.379 3764438.702 237.92
LOCATION L0020081     VOLUME   439914.499 3764460.701 238.63
LOCATION L0020082     VOLUME   439914.618 3764482.701 238.76
LOCATION L0020083     VOLUME   439914.737 3764504.701 238.25
LOCATION L0020084     VOLUME   439914.856 3764526.700 237.75
LOCATION L0020085     VOLUME   439914.976 3764548.700 237.24
LOCATION L0020086     VOLUME   439915.095 3764570.700 237.23
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LOCATION L0020093     VOLUME   439915.930 3764724.697 243.43
LOCATION L0020094     VOLUME   439916.049 3764746.697 243.89
LOCATION L0020095     VOLUME   439916.168 3764768.697 244.38
LOCATION L0020096     VOLUME   439916.287 3764790.697 244.87
LOCATION L0020097     VOLUME   439916.407 3764812.696 245.36
LOCATION L0020098     VOLUME   439916.526 3764834.696 245.85
LOCATION L0020099     VOLUME   439916.645 3764856.696 245.83
LOCATION L0020100     VOLUME   439916.764 3764878.695 245.58
LOCATION L0020101     VOLUME   439916.884 3764900.695 245.33
LOCATION L0020102     VOLUME   439917.003 3764922.695 245.08
LOCATION L0020103     VOLUME   439917.122 3764944.694 244.50
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LOCATION L0020106     VOLUME   439917.480 3765010.693 241.72
LOCATION L0020107     VOLUME   439917.599 3765032.693 241.12
LOCATION L0020108     VOLUME   439917.718 3765054.693 241.36
LOCATION L0020109     VOLUME   439917.837 3765076.692 241.60
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LOCATION L0020111     VOLUME   439918.076 3765120.692 242.13
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LOCATION L0020113     VOLUME   439918.314 3765164.691 244.01
LOCATION L0020114     VOLUME   439918.434 3765186.691 244.95
LOCATION L0020115     VOLUME   439918.553 3765208.690 245.89
LOCATION L0020116     VOLUME   439918.672 3765230.690 245.78
LOCATION L0020117     VOLUME   439918.791 3765252.690 245.53
LOCATION L0020118     VOLUME   439918.911 3765274.689 245.28
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   LOCATION L0020120     VOLUME   439919.149 3765318.689 244.80
   LOCATION L0020121     VOLUME   439919.268 3765340.688 244.59
   LOCATION L0020122     VOLUME   439919.388 3765362.688 244.37
   LOCATION L0020123     VOLUME   439919.507 3765384.688 244.16
   LOCATION L0020124     VOLUME   439919.626 3765406.687 244.40
   LOCATION L0020125     VOLUME   439919.745 3765428.687 245.12
   LOCATION L0020126     VOLUME   439919.865 3765450.687 245.85
   LOCATION L0020127     VOLUME   439919.984 3765472.686 246.57
   LOCATION L0020128     VOLUME   439920.103 3765494.686 247.76
   LOCATION L0020129     VOLUME   439920.222 3765516.686 250.12
   LOCATION L0020130     VOLUME   439920.342 3765538.686 252.48
   LOCATION L0020131     VOLUME   439920.461 3765560.685 254.84
   LOCATION L0020132     VOLUME   439920.580 3765582.685 256.94
   LOCATION L0020133     VOLUME   439920.699 3765604.685 256.23
   LOCATION L0020134     VOLUME   439920.819 3765626.684 255.51
   LOCATION L0020135     VOLUME   439920.938 3765648.684 254.80
   LOCATION L0020136     VOLUME   439921.057 3765670.684 254.08
   LOCATION L0020137     VOLUME   439921.176 3765692.683 255.27
   LOCATION L0020138     VOLUME   439921.296 3765714.683 256.71
   LOCATION L0020139     VOLUME   439921.415 3765736.683 258.15
** END OF LINE VOLUME SOURCE ID = SLINE2
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE3
** DESCRSRC OFF-SITE TRAVEL 50% TO ARCHIBALD
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0001434
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 10
** 443942.617, 3760469.333, 207.85, 3.49, 7.44
** 443996.793, 3760466.323, 205.85, 3.49, 7.44
** 444029.900, 3760459.301, 205.94, 3.49, 7.44
** 444091.099, 3760437.229, 205.57, 3.49, 7.44
** 444140.258, 3760418.167, 205.46, 3.49, 7.44
** 444194.434, 3760409.138, 206.02, 3.49, 7.44
** 444345.925, 3760410.141, 207.07, 3.49, 7.44
** 444461.299, 3760413.151, 207.16, 3.49, 7.44
** 444727.161, 3760408.135, 204.31, 3.49, 7.44
** 445185.647, 3760404.122, 205.41, 3.49, 7.44
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   LOCATION L0020140     VOLUME   443950.605 3760468.889 207.90
   LOCATION L0020141     VOLUME   443966.580 3760468.002 207.82
   LOCATION L0020142     VOLUME   443982.556 3760467.114 207.40
   LOCATION L0020143     VOLUME   443998.496 3760465.962 206.98
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LOCATION	L0020144	VOLUME	444014.148	3760462.642	206.54
LOCATION	L0020145	VOLUME	444029.800	3760459.322	206.12
LOCATION	L0020146	VOLUME	444044.854	3760453.907	205.79
LOCATION	L0020147	VOLUME	444059.905	3760448.479	205.73
LOCATION	L0020148	VOLUME	444074.957	3760443.051	205.67
LOCATION	L0020149	VOLUME	444090.008	3760437.623	205.62
LOCATION	L0020150	VOLUME	444104.935	3760431.864	205.55
LOCATION	L0020151	VOLUME	444119.853	3760426.080	205.52
LOCATION	L0020152	VOLUME	444134.771	3760420.295	205.65
LOCATION	L0020153	VOLUME	444150.235	3760416.505	205.81
LOCATION	L0020154	VOLUME	444166.017	3760413.874	205.99
LOCATION	L0020155	VOLUME	444181.799	3760411.244	206.17
LOCATION	L0020156	VOLUME	444197.625	3760409.159	206.33
LOCATION	L0020157	VOLUME	444213.625	3760409.265	206.39
LOCATION	L0020158	VOLUME	444229.624	3760409.371	206.46
LOCATION	L0020159	VOLUME	444245.624	3760409.477	206.53
LOCATION	L0020160	VOLUME	444261.624	3760409.583	206.60
LOCATION	L0020161	VOLUME	444277.623	3760409.689	206.70
LOCATION	L0020162	VOLUME	444293.623	3760409.795	206.85
LOCATION	L0020163	VOLUME	444309.623	3760409.901	206.99
LOCATION	L0020164	VOLUME	444325.622	3760410.007	207.13
LOCATION	L0020165	VOLUME	444341.622	3760410.113	207.27
LOCATION	L0020166	VOLUME	444357.618	3760410.446	207.34
LOCATION	L0020167	VOLUME	444373.612	3760410.864	207.34
LOCATION	L0020168	VOLUME	444389.607	3760411.281	207.35
LOCATION	L0020169	VOLUME	444405.602	3760411.698	207.36
LOCATION	L0020170	VOLUME	444421.596	3760412.115	207.36
LOCATION	L0020171	VOLUME	444437.591	3760412.533	207.37
LOCATION	L0020172	VOLUME	444453.585	3760412.950	207.37
LOCATION	L0020173	VOLUME	444469.581	3760412.995	207.37
LOCATION	L0020174	VOLUME	444485.578	3760412.693	207.37
LOCATION	L0020175	VOLUME	444501.575	3760412.391	207.37
LOCATION	L0020176	VOLUME	444517.573	3760412.089	206.79
LOCATION	L0020177	VOLUME	444533.570	3760411.787	206.16
LOCATION	L0020178	VOLUME	444549.567	3760411.486	205.54
LOCATION	L0020179	VOLUME	444565.564	3760411.184	204.91
LOCATION	L0020180	VOLUME	444581.561	3760410.882	204.35
LOCATION	L0020181	VOLUME	444597.558	3760410.580	204.27
LOCATION	L0020182	VOLUME	444613.556	3760410.278	204.20
LOCATION	L0020183	VOLUME	444629.553	3760409.976	204.12
LOCATION	L0020184	VOLUME	444645.550	3760409.675	204.05
LOCATION	L0020185	VOLUME	444661.547	3760409.373	204.02
LOCATION	L0020186	VOLUME	444677.544	3760409.071	204.09
LOCATION	L0020187	VOLUME	444693.541	3760408.769	204.16
LOCATION	L0020188	VOLUME	444709.538	3760408.467	204.23
LOCATION	L0020189	VOLUME	444725.536	3760408.165	204.30
LOCATION	L0020190	VOLUME	444741.535	3760408.009	204.34
LOCATION	L0020191	VOLUME	444757.534	3760407.869	204.34

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   LOCATION L0020194     VOLUME   444805.532 3760407.449 204.34
   LOCATION L0020195     VOLUME   444821.532 3760407.309 204.48
   LOCATION L0020196     VOLUME   444837.531 3760407.169 204.68
   LOCATION L0020197     VOLUME   444853.530 3760407.029 204.89
   LOCATION L0020198     VOLUME   444869.530 3760406.889 205.10
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   LOCATION L0020200     VOLUME   444901.529 3760406.609 205.33
   LOCATION L0020201     VOLUME   444917.528 3760406.469 205.33
   LOCATION L0020202     VOLUME   444933.527 3760406.329 205.33
   LOCATION L0020203     VOLUME   444949.527 3760406.188 205.33
   LOCATION L0020204     VOLUME   444965.526 3760406.048 205.34
   LOCATION L0020205     VOLUME   444981.526 3760405.908 205.55
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   LOCATION L0020208     VOLUME   445029.524 3760405.488 206.17
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   LOCATION L0020210     VOLUME   445061.523 3760405.208 206.59
   LOCATION L0020211     VOLUME   445077.522 3760405.068 206.79
   LOCATION L0020212     VOLUME   445093.521 3760404.928 207.00
   LOCATION L0020213     VOLUME   445109.521 3760404.788 207.21
   LOCATION L0020214     VOLUME   445125.520 3760404.648 207.14
   LOCATION L0020215     VOLUME   445141.519 3760404.508 206.73
   LOCATION L0020216     VOLUME   445157.519 3760404.368 206.31
   LOCATION L0020217     VOLUME   445173.518 3760404.228 205.90
** END OF LINE VOLUME SOURCE ID = SLINE3
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE4
** DESCRSRC OFF-SITE TRAVEL 20% TO I-15
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0002643
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 14
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** 445206.092, 3762008.161, 212.13, 3.49, 7.44
** 445903.214, 3761994.858, 217.20, 3.49, 7.44
** 446052.218, 3762005.501, 217.64, 3.49, 7.44
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   LOCATION L0020220     VOLUME   445195.717 3760457.019 205.90
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   LOCATION L0020260     VOLUME   445199.997 3761097.005 207.83
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LOCATION L0020461     VOLUME   447402.505 3762395.654 220.44
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LOCATION L0020497     VOLUME   447978.461 3762388.576 224.84
LOCATION L0020498     VOLUME   447994.461 3762388.499 224.64
LOCATION L0020499     VOLUME   448010.461 3762388.422 224.45
LOCATION L0020500     VOLUME   448026.461 3762388.345 224.25
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LOCATION	L0020505	VOLUME	448106.460	3762387.960	223.93
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LOCATION	L0020529	VOLUME	448490.456	3762386.114	220.40
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LOCATION	L0020531	VOLUME	448522.444	3762386.368	219.99
LOCATION	L0020532	VOLUME	448538.416	3762387.317	219.75
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LOCATION	L0020536	VOLUME	448602.303	3762391.112	219.00
LOCATION	L0020537	VOLUME	448618.275	3762392.061	219.01
LOCATION	L0020538	VOLUME	448634.247	3762393.010	219.03
LOCATION	L0020539	VOLUME	448650.219	3762393.959	219.05
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LOCATION	L0020542	VOLUME	448698.134	3762396.805	219.10
LOCATION	L0020543	VOLUME	448714.106	3762397.754	219.11
LOCATION	L0020544	VOLUME	448730.078	3762398.703	219.12
LOCATION	L0020545	VOLUME	448746.050	3762399.652	219.13
LOCATION	L0020546	VOLUME	448762.022	3762400.601	219.17
LOCATION	L0020547	VOLUME	448777.994	3762401.549	219.22
LOCATION	L0020548	VOLUME	448793.439	3762405.059	219.31

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   LOCATION L0020555     VOLUME   448898.803 3762443.039 220.45
   LOCATION L0020556     VOLUME   448913.855 3762448.465 220.53
   LOCATION L0020557     VOLUME   448928.907 3762453.890 220.57
   LOCATION L0020558     VOLUME   448943.959 3762459.316 220.62
   LOCATION L0020559     VOLUME   448959.011 3762464.742 220.66
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   LOCATION L0020561     VOLUME   448989.115 3762475.593 220.76
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   LOCATION L0020576     VOLUME   449215.416 3762555.514 220.70
   LOCATION L0020577     VOLUME   449230.507 3762560.830 220.81
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** END OF LINE VOLUME SOURCE ID = SLINE4
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE5
** DESCRSRC OFF-SITE TRAVEL 20% TO SR-60
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0002427
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 5
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** 445206.092, 3762008.161, 212.13, 3.49, 7.44
** 445222.595, 3762957.685, 221.89, 3.49, 7.44
** 445243.230, 3764302.158, 239.78, 3.49, 7.44
** 445253.154, 3765714.705, 254.02, 3.49, 7.44
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LOCATION L0020581     VOLUME   445195.717 3760457.019 205.90
LOCATION L0020582     VOLUME   445195.824 3760473.019 206.00
LOCATION L0020583     VOLUME   445195.931 3760489.018 206.00
LOCATION L0020584     VOLUME   445196.038 3760505.018 206.00
LOCATION L0020585     VOLUME   445196.145 3760521.018 206.00
LOCATION L0020586     VOLUME   445196.252 3760537.017 206.00
LOCATION L0020587     VOLUME   445196.359 3760553.017 206.00
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LOCATION L0020592     VOLUME   445196.894 3760633.015 206.00
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LOCATION L0020595     VOLUME   445197.215 3760681.014 206.32
LOCATION L0020596     VOLUME   445197.322 3760697.014 206.49
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LOCATION L0020603     VOLUME   445198.071 3760809.011 207.00
LOCATION L0020604     VOLUME   445198.178 3760825.011 207.00
LOCATION L0020605     VOLUME   445198.285 3760841.010 207.00
LOCATION L0020606     VOLUME   445198.392 3760857.010 207.00
LOCATION L0020607     VOLUME   445198.499 3760873.010 207.00
LOCATION L0020608     VOLUME   445198.606 3760889.009 207.00
LOCATION L0020609     VOLUME   445198.713 3760905.009 207.00
LOCATION L0020610     VOLUME   445198.820 3760921.009 207.00
LOCATION L0020611     VOLUME   445198.927 3760937.008 207.00
LOCATION L0020612     VOLUME   445199.034 3760953.008 207.00
LOCATION L0020613     VOLUME   445199.141 3760969.008 207.00
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LOCATION L0020616     VOLUME   445199.462 3761017.007 207.00
LOCATION L0020617     VOLUME   445199.569 3761033.006 207.13
LOCATION L0020618     VOLUME   445199.676 3761049.006 207.31
LOCATION L0020619     VOLUME   445199.783 3761065.005 207.48
LOCATION L0020620     VOLUME   445199.890 3761081.005 207.65
LOCATION L0020621     VOLUME   445199.997 3761097.005 207.83
LOCATION L0020622     VOLUME   445200.105 3761113.004 208.00
LOCATION L0020623     VOLUME   445200.212 3761129.004 208.01
LOCATION L0020624     VOLUME   445200.319 3761145.004 208.01
LOCATION L0020625     VOLUME   445200.426 3761161.003 208.01
LOCATION L0020626     VOLUME   445200.533 3761177.003 208.01
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LOCATION L0020636     VOLUME   445201.603 3761336.999 209.43
LOCATION L0020637     VOLUME   445201.710 3761352.999 209.60
LOCATION L0020638     VOLUME   445201.817 3761368.999 209.78
LOCATION L0020639     VOLUME   445201.924 3761384.998 209.95
LOCATION L0020640     VOLUME   445202.031 3761400.998 210.01
LOCATION L0020641     VOLUME   445202.138 3761416.998 210.01
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LOCATION L0020644     VOLUME   445202.459 3761464.997 210.02
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LOCATION L0020672     VOLUME   445205.456 3761912.986 211.05
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LOCATION L0020674     VOLUME   445205.670 3761944.986 211.05
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LOCATION	L0020735	VOLUME	445221.954	3762920.847 221.02
LOCATION	L0020736	VOLUME	445222.232	3762936.844 221.28
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LOCATION	L0020743	VOLUME	445223.994	3763048.830 218.98
LOCATION	L0020744	VOLUME	445224.239	3763064.828 219.07
LOCATION	L0020745	VOLUME	445224.485	3763080.826 219.41
LOCATION	L0020746	VOLUME	445224.730	3763096.825 219.76
LOCATION	L0020747	VOLUME	445224.976	3763112.823 220.10
LOCATION	L0020748	VOLUME	445225.221	3763128.821 220.44
LOCATION	L0020749	VOLUME	445225.467	3763144.819 220.79
LOCATION	L0020750	VOLUME	445225.712	3763160.817 221.35
LOCATION	L0020751	VOLUME	445225.958	3763176.815 221.93
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LOCATION	L0020753	VOLUME	445226.449	3763208.811 223.10
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LOCATION	L0020756	VOLUME	445227.186	3763256.806 224.39
LOCATION	L0020757	VOLUME	445227.431	3763272.804 224.57
LOCATION	L0020758	VOLUME	445227.677	3763288.802 224.74
LOCATION	L0020759	VOLUME	445227.922	3763304.800 224.92
LOCATION	L0020760	VOLUME	445228.168	3763320.798 225.09
LOCATION	L0020761	VOLUME	445228.413	3763336.796 225.13
LOCATION	L0020762	VOLUME	445228.659	3763352.794 224.92
LOCATION	L0020763	VOLUME	445228.904	3763368.793 224.71
LOCATION	L0020764	VOLUME	445229.150	3763384.791 224.51
LOCATION	L0020765	VOLUME	445229.396	3763400.789 224.30
LOCATION	L0020766	VOLUME	445229.641	3763416.787 224.09
LOCATION	L0020767	VOLUME	445229.887	3763432.785 224.20
LOCATION	L0020768	VOLUME	445230.132	3763448.783 224.55
LOCATION	L0020769	VOLUME	445230.378	3763464.781 224.90
LOCATION	L0020770	VOLUME	445230.623	3763480.779 225.24

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LOCATION L0020771     VOLUME   445230.869 3763496.777 225.59
LOCATION L0020772     VOLUME   445231.114 3763512.776 225.94
LOCATION L0020773     VOLUME   445231.360 3763528.774 226.39
LOCATION L0020774     VOLUME   445231.605 3763544.772 226.87
LOCATION L0020775     VOLUME   445231.851 3763560.770 227.35
LOCATION L0020776     VOLUME   445232.097 3763576.768 227.83
LOCATION L0020777     VOLUME   445232.342 3763592.766 228.30
LOCATION L0020778     VOLUME   445232.588 3763608.764 228.76
LOCATION L0020779     VOLUME   445232.833 3763624.762 228.84
LOCATION L0020780     VOLUME   445233.079 3763640.761 228.93
LOCATION L0020781     VOLUME   445233.324 3763656.759 229.01
LOCATION L0020782     VOLUME   445233.570 3763672.757 229.10
LOCATION L0020783     VOLUME   445233.815 3763688.755 229.19
LOCATION L0020784     VOLUME   445234.061 3763704.753 229.38
LOCATION L0020785     VOLUME   445234.306 3763720.751 229.86
LOCATION L0020786     VOLUME   445234.552 3763736.749 230.33
LOCATION L0020787     VOLUME   445234.798 3763752.747 230.81
LOCATION L0020788     VOLUME   445235.043 3763768.745 231.28
LOCATION L0020789     VOLUME   445235.289 3763784.744 231.76
LOCATION L0020790     VOLUME   445235.534 3763800.742 231.94
LOCATION L0020791     VOLUME   445235.780 3763816.740 231.81
LOCATION L0020792     VOLUME   445236.025 3763832.738 231.68
LOCATION L0020793     VOLUME   445236.271 3763848.736 231.56
LOCATION L0020794     VOLUME   445236.516 3763864.734 231.43
LOCATION L0020795     VOLUME   445236.762 3763880.732 231.31
LOCATION L0020796     VOLUME   445237.007 3763896.730 231.86
LOCATION L0020797     VOLUME   445237.253 3763912.728 232.68
LOCATION L0020798     VOLUME   445237.499 3763928.727 233.50
LOCATION L0020799     VOLUME   445237.744 3763944.725 234.32
LOCATION L0020800     VOLUME   445237.990 3763960.723 235.13
LOCATION L0020801     VOLUME   445238.235 3763976.721 235.95
LOCATION L0020802     VOLUME   445238.481 3763992.719 235.79
LOCATION L0020803     VOLUME   445238.726 3764008.717 235.57
LOCATION L0020804     VOLUME   445238.972 3764024.715 235.34
LOCATION L0020805     VOLUME   445239.217 3764040.713 235.12
LOCATION L0020806     VOLUME   445239.463 3764056.712 234.89
LOCATION L0020807     VOLUME   445239.708 3764072.710 234.69
LOCATION L0020808     VOLUME   445239.954 3764088.708 234.62
LOCATION L0020809     VOLUME   445240.200 3764104.706 234.55
LOCATION L0020810     VOLUME   445240.445 3764120.704 234.48
LOCATION L0020811     VOLUME   445240.691 3764136.702 234.41
LOCATION L0020812     VOLUME   445240.936 3764152.700 234.35
LOCATION L0020813     VOLUME   445241.182 3764168.698 234.71
LOCATION L0020814     VOLUME   445241.427 3764184.696 235.75
LOCATION L0020815     VOLUME   445241.673 3764200.695 236.79
LOCATION L0020816     VOLUME   445241.918 3764216.693 237.84
LOCATION L0020817     VOLUME   445242.164 3764232.691 238.88
LOCATION L0020818     VOLUME   445242.409 3764248.689 239.92
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LOCATION	L0020819	VOLUME	445242.655	3764264.687	240.29
LOCATION	L0020820	VOLUME	445242.901	3764280.685	240.23
LOCATION	L0020821	VOLUME	445243.146	3764296.683	240.18
LOCATION	L0020822	VOLUME	445243.304	3764312.682	240.12
LOCATION	L0020823	VOLUME	445243.416	3764328.682	240.07
LOCATION	L0020824	VOLUME	445243.529	3764344.682	240.01
LOCATION	L0020825	VOLUME	445243.641	3764360.681	239.57
LOCATION	L0020826	VOLUME	445243.754	3764376.681	239.05
LOCATION	L0020827	VOLUME	445243.866	3764392.680	238.53
LOCATION	L0020828	VOLUME	445243.979	3764408.680	238.01
LOCATION	L0020829	VOLUME	445244.091	3764424.680	237.49
LOCATION	L0020830	VOLUME	445244.203	3764440.679	237.00
LOCATION	L0020831	VOLUME	445244.316	3764456.679	237.00
LOCATION	L0020832	VOLUME	445244.428	3764472.678	237.00
LOCATION	L0020833	VOLUME	445244.541	3764488.678	237.00
LOCATION	L0020834	VOLUME	445244.653	3764504.678	237.00
LOCATION	L0020835	VOLUME	445244.765	3764520.677	237.00
LOCATION	L0020836	VOLUME	445244.878	3764536.677	237.25
LOCATION	L0020837	VOLUME	445244.990	3764552.676	238.11
LOCATION	L0020838	VOLUME	445245.103	3764568.676	238.98
LOCATION	L0020839	VOLUME	445245.215	3764584.676	239.85
LOCATION	L0020840	VOLUME	445245.327	3764600.675	240.71
LOCATION	L0020841	VOLUME	445245.440	3764616.675	241.58
LOCATION	L0020842	VOLUME	445245.552	3764632.674	241.97
LOCATION	L0020843	VOLUME	445245.665	3764648.674	241.91
LOCATION	L0020844	VOLUME	445245.777	3764664.674	241.86
LOCATION	L0020845	VOLUME	445245.889	3764680.673	241.80
LOCATION	L0020846	VOLUME	445246.002	3764696.673	241.74
LOCATION	L0020847	VOLUME	445246.114	3764712.672	241.68
LOCATION	L0020848	VOLUME	445246.227	3764728.672	241.54
LOCATION	L0020849	VOLUME	445246.339	3764744.672	241.37
LOCATION	L0020850	VOLUME	445246.451	3764760.671	241.19
LOCATION	L0020851	VOLUME	445246.564	3764776.671	241.02
LOCATION	L0020852	VOLUME	445246.676	3764792.671	240.85
LOCATION	L0020853	VOLUME	445246.789	3764808.670	240.68
LOCATION	L0020854	VOLUME	445246.901	3764824.670	241.56
LOCATION	L0020855	VOLUME	445247.014	3764840.669	242.48
LOCATION	L0020856	VOLUME	445247.126	3764856.669	243.40
LOCATION	L0020857	VOLUME	445247.238	3764872.669	244.33
LOCATION	L0020858	VOLUME	445247.351	3764888.668	245.25
LOCATION	L0020859	VOLUME	445247.463	3764904.668	246.03
LOCATION	L0020860	VOLUME	445247.576	3764920.667	246.21
LOCATION	L0020861	VOLUME	445247.688	3764936.667	246.38
LOCATION	L0020862	VOLUME	445247.800	3764952.667	246.55
LOCATION	L0020863	VOLUME	445247.913	3764968.666	246.72
LOCATION	L0020864	VOLUME	445248.025	3764984.666	246.90
LOCATION	L0020865	VOLUME	445248.138	3765000.665	247.02
LOCATION	L0020866	VOLUME	445248.250	3765016.665	247.08

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   LOCATION L0020867     VOLUME   445248.362 3765032.665 247.14
   LOCATION L0020868     VOLUME   445248.475 3765048.664 247.20
   LOCATION L0020869     VOLUME   445248.587 3765064.664 247.26
   LOCATION L0020870     VOLUME   445248.700 3765080.663 247.32
   LOCATION L0020871     VOLUME   445248.812 3765096.663 247.23
   LOCATION L0020872     VOLUME   445248.924 3765112.663 247.06
   LOCATION L0020873     VOLUME   445249.037 3765128.662 246.88
   LOCATION L0020874     VOLUME   445249.149 3765144.662 246.71
   LOCATION L0020875     VOLUME   445249.262 3765160.661 246.54
   LOCATION L0020876     VOLUME   445249.374 3765176.661 246.36
   LOCATION L0020877     VOLUME   445249.486 3765192.661 246.39
   LOCATION L0020878     VOLUME   445249.599 3765208.660 246.44
   LOCATION L0020879     VOLUME   445249.711 3765224.660 246.50
   LOCATION L0020880     VOLUME   445249.824 3765240.659 246.55
   LOCATION L0020881     VOLUME   445249.936 3765256.659 246.61
   LOCATION L0020882     VOLUME   445250.049 3765272.659 246.66
   LOCATION L0020883     VOLUME   445250.161 3765288.658 246.66
   LOCATION L0020884     VOLUME   445250.273 3765304.658 246.66
   LOCATION L0020885     VOLUME   445250.386 3765320.657 246.66
   LOCATION L0020886     VOLUME   445250.498 3765336.657 246.66
   LOCATION L0020887     VOLUME   445250.611 3765352.657 246.66
   LOCATION L0020888     VOLUME   445250.723 3765368.656 246.80
   LOCATION L0020889     VOLUME   445250.835 3765384.656 247.27
   LOCATION L0020890     VOLUME   445250.948 3765400.656 247.73
   LOCATION L0020891     VOLUME   445251.060 3765416.655 248.20
   LOCATION L0020892     VOLUME   445251.173 3765432.655 248.66
   LOCATION L0020893     VOLUME   445251.285 3765448.654 249.13
   LOCATION L0020894     VOLUME   445251.397 3765464.654 249.87
   LOCATION L0020895     VOLUME   445251.510 3765480.654 250.85
   LOCATION L0020896     VOLUME   445251.622 3765496.653 251.83
   LOCATION L0020897     VOLUME   445251.735 3765512.653 252.81
   LOCATION L0020898     VOLUME   445251.847 3765528.652 253.79
   LOCATION L0020899     VOLUME   445251.959 3765544.652 254.77
   LOCATION L0020900     VOLUME   445252.072 3765560.652 255.00
   LOCATION L0020901     VOLUME   445252.184 3765576.651 255.00
   LOCATION L0020902     VOLUME   445252.297 3765592.651 255.00
   LOCATION L0020903     VOLUME   445252.409 3765608.650 255.00
   LOCATION L0020904     VOLUME   445252.521 3765624.650 255.00
   LOCATION L0020905     VOLUME   445252.634 3765640.650 255.00
   LOCATION L0020906     VOLUME   445252.746 3765656.649 254.83
   LOCATION L0020907     VOLUME   445252.859 3765672.649 254.66
   LOCATION L0020908     VOLUME   445252.971 3765688.648 254.48
   LOCATION L0020909     VOLUME   445253.084 3765704.648 254.31
** END OF LINE VOLUME SOURCE ID = SLINE5
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE6
** DESCRSRC OFF-SITE TRAVEL 10% TO I-15
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** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0001136
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 15
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** 445188.297, 3759940.410, 201.22, 3.49, 7.44
** 445187.559, 3759871.717, 200.72, 3.49, 7.44
** 445194.206, 3759824.444, 200.00, 3.49, 7.44
** 445201.593, 3759770.524, 199.52, 3.49, 7.44
** 445205.286, 3759684.842, 198.61, 3.49, 7.44
** 445207.502, 3759577.740, 197.38, 3.49, 7.44
** 446056.193, 3759579.217, 200.81, 3.49, 7.44
** 447122.782, 3759569.615, 196.52, 3.49, 7.44
** 448218.917, 3759565.922, 195.90, 3.49, 7.44
** 448391.019, 3759564.444, 195.93, 3.49, 7.44
** 448483.348, 3759551.888, 195.95, 3.49, 7.44
** 448622.950, 3759545.240, 195.91, 3.49, 7.44
** 448893.291, 3759542.285, 195.97, 3.49, 7.44
** 449331.301, 3759537.854, 195.96, 3.49, 7.44
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   LOCATION L0020910     VOLUME   445199.053 3760403.974 205.28
   LOCATION L0020911     VOLUME   445198.682 3760387.979 205.11
   LOCATION L0020912     VOLUME   445198.311 3760371.983 204.94
   LOCATION L0020913     VOLUME   445197.940 3760355.987 204.77
   LOCATION L0020914     VOLUME   445197.568 3760339.992 204.60
   LOCATION L0020915     VOLUME   445197.197 3760323.996 204.43
   LOCATION L0020916     VOLUME   445196.826 3760308.000 204.26
   LOCATION L0020917     VOLUME   445196.455 3760292.005 204.09
   LOCATION L0020918     VOLUME   445196.084 3760276.009 203.92
   LOCATION L0020919     VOLUME   445195.713 3760260.013 203.75
   LOCATION L0020920     VOLUME   445195.342 3760244.017 203.58
   LOCATION L0020921     VOLUME   445194.970 3760228.022 203.41
   LOCATION L0020922     VOLUME   445194.599 3760212.026 203.24
   LOCATION L0020923     VOLUME   445194.228 3760196.030 203.07
   LOCATION L0020924     VOLUME   445193.857 3760180.035 202.91
   LOCATION L0020925     VOLUME   445193.486 3760164.039 202.74
   LOCATION L0020926     VOLUME   445193.115 3760148.043 202.58
   LOCATION L0020927     VOLUME   445192.744 3760132.048 202.41
   LOCATION L0020928     VOLUME   445192.372 3760116.052 202.24
   LOCATION L0020929     VOLUME   445192.001 3760100.056 202.08
   LOCATION L0020930     VOLUME   445191.630 3760084.061 202.05
   LOCATION L0020931     VOLUME   445191.259 3760068.065 202.05
   LOCATION L0020932     VOLUME   445190.888 3760052.069 202.05
   LOCATION L0020933     VOLUME   445190.517 3760036.073 202.05
   LOCATION L0020934     VOLUME   445190.146 3760020.078 202.05
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LOCATION L0020935     VOLUME   445189.775 3760004.082 202.04
LOCATION L0020936     VOLUME   445189.403 3759988.086 201.87
LOCATION L0020937     VOLUME   445189.032 3759972.091 201.70
LOCATION L0020938     VOLUME   445188.661 3759956.095 201.53
LOCATION L0020939     VOLUME   445188.294 3759940.099 201.36
LOCATION L0020940     VOLUME   445188.122 3759924.100 201.19
LOCATION L0020941     VOLUME   445187.950 3759908.101 201.02
LOCATION L0020942     VOLUME   445187.778 3759892.102 200.84
LOCATION L0020943     VOLUME   445187.606 3759876.103 200.67
LOCATION L0020944     VOLUME   445189.176 3759860.216 200.48
LOCATION L0020945     VOLUME   445191.404 3759844.372 200.28
LOCATION L0020946     VOLUME   445193.632 3759828.528 200.08
LOCATION L0020947     VOLUME   445195.818 3759812.678 199.87
LOCATION L0020948     VOLUME   445197.989 3759796.826 199.67
LOCATION L0020949     VOLUME   445200.161 3759780.974 199.47
LOCATION L0020950     VOLUME   445201.827 3759765.077 199.28
LOCATION L0020951     VOLUME   445202.516 3759749.092 199.10
LOCATION L0020952     VOLUME   445203.205 3759733.107 198.91
LOCATION L0020953     VOLUME   445203.894 3759717.121 198.73
LOCATION L0020954     VOLUME   445204.583 3759701.136 198.55
LOCATION L0020955     VOLUME   445205.272 3759685.151 198.36
LOCATION L0020956     VOLUME   445205.610 3759669.155 198.18
LOCATION L0020957     VOLUME   445205.941 3759653.158 198.01
LOCATION L0020958     VOLUME   445206.272 3759637.162 197.83
LOCATION L0020959     VOLUME   445206.603 3759621.165 197.65
LOCATION L0020960     VOLUME   445206.934 3759605.168 197.47
LOCATION L0020961     VOLUME   445207.265 3759589.172 197.29
LOCATION L0020962     VOLUME   445212.067 3759577.748 197.10
LOCATION L0020963     VOLUME   445228.067 3759577.776 196.90
LOCATION L0020964     VOLUME   445244.067 3759577.803 196.69
LOCATION L0020965     VOLUME   445260.067 3759577.831 196.48
LOCATION L0020966     VOLUME   445276.067 3759577.859 196.45
LOCATION L0020967     VOLUME   445292.067 3759577.887 196.58
LOCATION L0020968     VOLUME   445308.067 3759577.915 196.71
LOCATION L0020969     VOLUME   445324.067 3759577.943 196.84
LOCATION L0020970     VOLUME   445340.067 3759577.971 196.96
LOCATION L0020971     VOLUME   445356.067 3759577.998 197.35
LOCATION L0020972     VOLUME   445372.067 3759578.026 197.85
LOCATION L0020973     VOLUME   445388.067 3759578.054 198.35
LOCATION L0020974     VOLUME   445404.067 3759578.082 198.85
LOCATION L0020975     VOLUME   445420.067 3759578.110 199.35
LOCATION L0020976     VOLUME   445436.067 3759578.138 199.59
LOCATION L0020977     VOLUME   445452.067 3759578.165 199.80
LOCATION L0020978     VOLUME   445468.067 3759578.193 200.00
LOCATION L0020979     VOLUME   445484.067 3759578.221 200.21
LOCATION L0020980     VOLUME   445500.067 3759578.249 200.44
LOCATION L0020981     VOLUME   445516.067 3759578.277 200.86
LOCATION L0020982     VOLUME   445532.067 3759578.305 201.27
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LOCATION	L0020983	VOLUME	445548.067	3759578.333	201.69
LOCATION	L0020984	VOLUME	445564.067	3759578.360	202.11
LOCATION	L0020985	VOLUME	445580.067	3759578.388	202.39
LOCATION	L0020986	VOLUME	445596.067	3759578.416	202.30
LOCATION	L0020987	VOLUME	445612.067	3759578.444	202.22
LOCATION	L0020988	VOLUME	445628.066	3759578.472	202.13
LOCATION	L0020989	VOLUME	445644.066	3759578.500	202.05
LOCATION	L0020990	VOLUME	445660.066	3759578.528	201.94
LOCATION	L0020991	VOLUME	445676.066	3759578.555	201.82
LOCATION	L0020992	VOLUME	445692.066	3759578.583	201.70
LOCATION	L0020993	VOLUME	445708.066	3759578.611	201.58
LOCATION	L0020994	VOLUME	445724.066	3759578.639	201.46
LOCATION	L0020995	VOLUME	445740.066	3759578.667	201.42
LOCATION	L0020996	VOLUME	445756.066	3759578.695	201.43
LOCATION	L0020997	VOLUME	445772.066	3759578.723	201.43
LOCATION	L0020998	VOLUME	445788.066	3759578.750	201.43
LOCATION	L0020999	VOLUME	445804.066	3759578.778	201.43
LOCATION	L0021000	VOLUME	445820.066	3759578.806	201.43
LOCATION	L0021001	VOLUME	445836.066	3759578.834	201.43
LOCATION	L0021002	VOLUME	445852.066	3759578.862	201.43
LOCATION	L0021003	VOLUME	445868.066	3759578.890	201.43
LOCATION	L0021004	VOLUME	445884.066	3759578.917	201.44
LOCATION	L0021005	VOLUME	445900.066	3759578.945	201.44
LOCATION	L0021006	VOLUME	445916.066	3759578.973	201.44
LOCATION	L0021007	VOLUME	445932.066	3759579.001	201.44
LOCATION	L0021008	VOLUME	445948.066	3759579.029	201.44
LOCATION	L0021009	VOLUME	445964.066	3759579.057	201.40
LOCATION	L0021010	VOLUME	445980.066	3759579.085	201.19
LOCATION	L0021011	VOLUME	445996.066	3759579.112	200.98
LOCATION	L0021012	VOLUME	446012.066	3759579.140	200.78
LOCATION	L0021013	VOLUME	446028.066	3759579.168	200.57
LOCATION	L0021014	VOLUME	446044.066	3759579.196	200.45
LOCATION	L0021015	VOLUME	446060.066	3759579.182	200.45
LOCATION	L0021016	VOLUME	446076.065	3759579.038	200.45
LOCATION	L0021017	VOLUME	446092.064	3759578.894	200.45
LOCATION	L0021018	VOLUME	446108.064	3759578.750	200.45
LOCATION	L0021019	VOLUME	446124.063	3759578.606	200.45
LOCATION	L0021020	VOLUME	446140.062	3759578.462	200.45
LOCATION	L0021021	VOLUME	446156.062	3759578.318	200.45
LOCATION	L0021022	VOLUME	446172.061	3759578.174	200.45
LOCATION	L0021023	VOLUME	446188.060	3759578.030	200.45
LOCATION	L0021024	VOLUME	446204.060	3759577.886	200.28
LOCATION	L0021025	VOLUME	446220.059	3759577.742	200.07
LOCATION	L0021026	VOLUME	446236.059	3759577.598	199.86
LOCATION	L0021027	VOLUME	446252.058	3759577.454	199.66
LOCATION	L0021028	VOLUME	446268.057	3759577.310	199.45
LOCATION	L0021029	VOLUME	446284.057	3759577.166	199.44
LOCATION	L0021030	VOLUME	446300.056	3759577.022	199.44

LOCATION	L0021031	VOLUME	446316.055	3759576.878	199.44
LOCATION	L0021032	VOLUME	446332.055	3759576.734	199.44
LOCATION	L0021033	VOLUME	446348.054	3759576.590	199.44
LOCATION	L0021034	VOLUME	446364.053	3759576.445	199.44
LOCATION	L0021035	VOLUME	446380.053	3759576.301	199.44
LOCATION	L0021036	VOLUME	446396.052	3759576.157	199.44
LOCATION	L0021037	VOLUME	446412.051	3759576.013	199.44
LOCATION	L0021038	VOLUME	446428.051	3759575.869	199.44
LOCATION	L0021039	VOLUME	446444.050	3759575.725	199.44
LOCATION	L0021040	VOLUME	446460.049	3759575.581	199.44
LOCATION	L0021041	VOLUME	446476.049	3759575.437	199.43
LOCATION	L0021042	VOLUME	446492.048	3759575.293	199.43
LOCATION	L0021043	VOLUME	446508.048	3759575.149	199.38
LOCATION	L0021044	VOLUME	446524.047	3759575.005	199.29
LOCATION	L0021045	VOLUME	446540.046	3759574.861	199.20
LOCATION	L0021046	VOLUME	446556.046	3759574.717	199.11
LOCATION	L0021047	VOLUME	446572.045	3759574.573	199.02
LOCATION	L0021048	VOLUME	446588.044	3759574.429	198.91
LOCATION	L0021049	VOLUME	446604.044	3759574.285	198.80
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LOCATION	L0021051	VOLUME	446636.042	3759573.997	198.56
LOCATION	L0021052	VOLUME	446652.042	3759573.853	198.44
LOCATION	L0021053	VOLUME	446668.041	3759573.709	198.43
LOCATION	L0021054	VOLUME	446684.040	3759573.565	198.43
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LOCATION	L0021057	VOLUME	446732.038	3759573.133	198.43
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LOCATION	L0021064	VOLUME	446844.034	3759572.124	198.42
LOCATION	L0021065	VOLUME	446860.033	3759571.980	198.42
LOCATION	L0021066	VOLUME	446876.033	3759571.836	198.42
LOCATION	L0021067	VOLUME	446892.032	3759571.692	198.32
LOCATION	L0021068	VOLUME	446908.031	3759571.548	198.11
LOCATION	L0021069	VOLUME	446924.031	3759571.404	197.90
LOCATION	L0021070	VOLUME	446940.030	3759571.260	197.69
LOCATION	L0021071	VOLUME	446956.029	3759571.116	197.49
LOCATION	L0021072	VOLUME	446972.029	3759570.972	197.42
LOCATION	L0021073	VOLUME	446988.028	3759570.828	197.42
LOCATION	L0021074	VOLUME	447004.027	3759570.684	197.42
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LOCATION	L0021076	VOLUME	447036.026	3759570.396	197.41
LOCATION	L0021077	VOLUME	447052.025	3759570.252	197.41
LOCATION	L0021078	VOLUME	447068.025	3759570.108	197.41

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LOCATION L0021081     VOLUME   447116.023 3759569.676 197.40
LOCATION L0021082     VOLUME   447132.023 3759569.584 197.19
LOCATION L0021083     VOLUME   447148.022 3759569.530 196.99
LOCATION L0021084     VOLUME   447164.022 3759569.476 196.78
LOCATION L0021085     VOLUME   447180.022 3759569.422 196.57
LOCATION L0021086     VOLUME   447196.022 3759569.368 196.46
LOCATION L0021087     VOLUME   447212.022 3759569.314 196.67
LOCATION L0021088     VOLUME   447228.022 3759569.260 196.88
LOCATION L0021089     VOLUME   447244.022 3759569.206 197.09
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LOCATION L0021097     VOLUME   447372.021 3759568.775 199.83
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LOCATION L0021113     VOLUME   447628.020 3759567.913 196.42
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LOCATION L0021117     VOLUME   447692.019 3759567.697 196.42
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LOCATION L0021126     VOLUME   447836.019 3759567.212 196.43
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
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** DESCRSRC OFF-SITE TRAVEL 100% ON MERRILL AVE.
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0004431
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
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   LOCATION L0021333     VOLUME   443808.934 3760467.254 205.80
   LOCATION L0021334     VOLUME   443824.934 3760467.269 206.23
   LOCATION L0021335     VOLUME   443840.934 3760467.283 206.67
   LOCATION L0021336     VOLUME   443856.934 3760467.298 207.10
   LOCATION L0021337     VOLUME   443872.934 3760467.312 207.54
   LOCATION L0021338     VOLUME   443888.934 3760467.327 207.92
   LOCATION L0021339     VOLUME   443904.934 3760467.341 207.91
   LOCATION L0021340     VOLUME   443920.934 3760467.356 207.90
** END OF LINE VOLUME SOURCE ID = SLINE7
** SOURCE PARAMETERS **
   SRCPARAM AREA1        1.3413E-09     4.110   197.610   647.400     0.000
   SRCPARAM AREA2        1.132E-09     4.110   383.920   651.170     0.000
   SRCPARAM AREA3        9.6551E-10     4.110   781.650   298.930     0.000
   SRCPARAM AREA4        9.7573E-10     4.110   775.010   312.220     0.000
   SRCPARAM AREA5        9.5896E-10     4.110   197.070   635.510     0.000
   SRCPARAM AREA6        8.7637E-10     4.110   314.430   653.220     0.000
   SRCPARAM AREA7             0.0     4.110   786.080   115.140     0.000
   SRCPARAM AREA8             0.0     4.110   190.430   117.360     0.000
   SRCPARAM AREA9             0.0     4.110   192.640   119.570     0.000
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   SRCPARAM AREA10             0.0     4.110   374.220   110.720     0.000
   SRCPARAM AREA11             0.0     4.110   318.860   121.790     0.000
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SRCPARAM	L0021284	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021285	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021286	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021287	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021288	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021289	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021290	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021291	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021292	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021293	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021294	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021295	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021296	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021297	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021298	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021299	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021300	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021301	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021302	0.000003662	3.49	7.44	3.25
SRCPARAM	L0021303	0.000003662	3.49	7.44	3.25

```
   SRCPARAM L0021304     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021305     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021306     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021307     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021308     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021309     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021310     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021311     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021312     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021313     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021314     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021315     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021316     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021317     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021318     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021319     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021320     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021321     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021322     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021323     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021324     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021325     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021326     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021327     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021328     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021329     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021330     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021331     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021332     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021333     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021334     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021335     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021336     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021337     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021338     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021339     0.000003662      3.49      7.44      3.25
   SRCPARAM L0021340     0.000003662      3.49      7.44      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
```

```
   INCLUDED "2025 HRA.ROU"
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE KCNO_V9_ADJU\KCNO_V9.SFC
   PROFFILE KCNO_V9_ADJU\KCNO_V9.PFL
   SURFDATA 3179 2012
   UAIRDATA 3190 2012
   PROFBASE 198.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
** AUTO-GENERATED PLOTFILES
   PLOTFILE   ANNUAL ALL "2025 HRA.AD\AN00GALL.PLT" 31
   SUMMFILE "2025 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            7 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 SO W320    2253        APARM: Input Parameter May Be Out-of-Range for Parameter
       QS
 SO W320    2254        APARM: Input Parameter May Be Out-of-Range for Parameter
       QS
 SO W320    2255        APARM: Input Parameter May Be Out-of-Range for Parameter
       QS
```

```
 SO W320    2256        APARM: Input Parameter May Be Out-of-Range for Parameter
        QS
 SO W320    2257        APARM: Input Parameter May Be Out-of-Range for Parameter
        QS
 ME W186    4334       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    4334       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                 ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                          ***        16:53:40

                                    PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

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

 **Model Uses URBAN Dispersion Algorithm for the SBL for  2049 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   2035210.0 ;  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: 2049 Source(s); 1 Source Group(s); and 21 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 2038 VOLUME source(s)
and: 11 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) = 198.00 ; 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 = 4.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: 2025 HRA.ERR

**File for Summary of Results: 2025 HRA.SUM

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0018801	0	0.73290E-06	441970.6	3760462.3	198.2	3.49	7.44	3.25	YES	
L0018802	0	0.73290E-06	441954.6	3760462.3	197.5	3.49	7.44	3.25	YES	
L0018803	0	0.73290E-06	441938.6	3760462.3	197.1	3.49	7.44	3.25	YES	
L0018804	0	0.73290E-06	441922.6	3760462.3	196.7	3.49	7.44	3.25	YES	
L0018805	0	0.73290E-06	441906.6	3760462.3	196.3	3.49	7.44	3.25	YES	
L0018806	0	0.73290E-06	441890.6	3760462.4	195.9	3.49	7.44	3.25	YES	
L0018807	0	0.73290E-06	441874.6	3760462.4	195.7	3.49	7.44	3.25	YES	
L0018808	0	0.73290E-06	441858.6	3760462.4	195.7	3.49	7.44	3.25	YES	
L0018809	0	0.73290E-06	441842.6	3760462.4	195.7	3.49	7.44	3.25	YES	
L0018810	0	0.73290E-06	441826.6	3760462.4	195.7	3.49	7.44	3.25	YES	

L0018811	0	0.73290E-06	441810.6	3760462.5	195.7	3.49	7.44	3.25 YES
L0018812	0	0.73290E-06	441794.6	3760462.5	195.6	3.49	7.44	3.25 YES
L0018813	0	0.73290E-06	441778.6	3760462.5	195.4	3.49	7.44	3.25 YES
L0018814	0	0.73290E-06	441762.6	3760462.5	195.3	3.49	7.44	3.25 YES
L0018815	0	0.73290E-06	441746.6	3760462.5	195.1	3.49	7.44	3.25 YES
L0018816	0	0.73290E-06	441730.6	3760462.6	195.0	3.49	7.44	3.25 YES
L0018817	0	0.73290E-06	441714.6	3760462.6	195.0	3.49	7.44	3.25 YES
L0018818	0	0.73290E-06	441698.6	3760462.6	195.0	3.49	7.44	3.25 YES
L0018819	0	0.73290E-06	441682.6	3760462.6	195.0	3.49	7.44	3.25 YES
L0018820	0	0.73290E-06	441666.6	3760462.6	195.0	3.49	7.44	3.25 YES
L0018821	0	0.73290E-06	441650.6	3760462.7	195.0	3.49	7.44	3.25 YES
L0018822	0	0.73290E-06	441634.6	3760462.7	195.0	3.49	7.44	3.25 YES
L0018823	0	0.73290E-06	441618.6	3760462.7	195.0	3.49	7.44	3.25 YES
L0018824	0	0.73290E-06	441602.6	3760462.7	195.0	3.49	7.44	3.25 YES
L0018825	0	0.73290E-06	441586.6	3760462.7	195.0	3.49	7.44	3.25 YES
L0018826	0	0.73290E-06	441570.6	3760462.8	195.0	3.49	7.44	3.25 YES
L0018827	0	0.73290E-06	441554.6	3760462.8	194.9	3.49	7.44	3.25 YES
L0018828	0	0.73290E-06	441538.6	3760462.8	194.9	3.49	7.44	3.25 YES
L0018829	0	0.73290E-06	441522.6	3760462.8	194.8	3.49	7.44	3.25 YES
L0018830	0	0.73290E-06	441506.6	3760462.8	194.7	3.49	7.44	3.25 YES
L0018831	0	0.73290E-06	441490.6	3760462.9	194.7	3.49	7.44	3.25 YES
L0018832	0	0.73290E-06	441474.6	3760462.9	194.7	3.49	7.44	3.25 YES
L0018833	0	0.73290E-06	441458.6	3760462.9	194.7	3.49	7.44	3.25 YES
L0018834	0	0.73290E-06	441442.6	3760462.9	194.7	3.49	7.44	3.25 YES

 L0018835   0   0.73290E-06 441426.6 3760462.9   194.7   3.49   7.44
3.25   YES
 L0018836   0   0.73290E-06 441410.6 3760463.0   194.7   3.49   7.44
3.25   YES
 L0018837   0   0.73290E-06 441394.6 3760463.0   194.7   3.49   7.44
3.25   YES
 L0018838   0   0.73290E-06 441378.6 3760463.0   194.7   3.49   7.44
3.25   YES
 L0018839   0   0.73290E-06 441362.6 3760463.0   194.7   3.49   7.44
3.25   YES
 L0018840   0   0.73290E-06 441346.6 3760463.0   194.7   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0018841   0   0.73290E-06 441330.6 3760463.1   194.7   3.49   7.44
3.25   YES
 L0018842   0   0.73290E-06 441314.6 3760463.1   194.7   3.49   7.44
3.25   YES
 L0018843   0   0.73290E-06 441298.6 3760463.1   194.7   3.49   7.44
3.25   YES
 L0018844   0   0.73290E-06 441282.6 3760463.1   194.7   3.49   7.44
3.25   YES
 L0018845   0   0.73290E-06 441266.6 3760463.1   194.7   3.49   7.44
3.25   YES
 L0018846   0   0.73290E-06 441250.6 3760463.2   194.7   3.49   7.44
3.25   YES
 L0018847   0   0.73290E-06 441234.6 3760463.2   194.7   3.49   7.44
3.25   YES
 L0018848   0   0.73290E-06 441218.6 3760463.2   194.7   3.49   7.44
3.25   YES

L0018849	0	0.73290E-06	441202.6	3760463.2	194.7	3.49	7.44	3.25 YES
L0018850	0	0.73290E-06	441186.6	3760463.3	194.7	3.49	7.44	3.25 YES
L0018851	0	0.73290E-06	441170.6	3760463.3	194.7	3.49	7.44	3.25 YES
L0018852	0	0.73290E-06	441154.6	3760463.3	194.7	3.49	7.44	3.25 YES
L0018853	0	0.73290E-06	441138.6	3760463.3	194.7	3.49	7.44	3.25 YES
L0018854	0	0.73290E-06	441122.6	3760463.3	194.7	3.49	7.44	3.25 YES
L0018855	0	0.73290E-06	441106.6	3760463.4	194.7	3.49	7.44	3.25 YES
L0018856	0	0.73290E-06	441090.6	3760463.4	194.8	3.49	7.44	3.25 YES
L0018857	0	0.73290E-06	441074.6	3760463.4	194.9	3.49	7.44	3.25 YES
L0018858	0	0.73290E-06	441058.6	3760463.4	194.9	3.49	7.44	3.25 YES
L0018859	0	0.73290E-06	441042.6	3760463.4	195.0	3.49	7.44	3.25 YES
L0018860	0	0.73290E-06	441026.6	3760463.5	195.0	3.49	7.44	3.25 YES
L0018861	0	0.73290E-06	441010.6	3760463.5	194.9	3.49	7.44	3.25 YES
L0018862	0	0.73290E-06	440994.6	3760463.5	194.8	3.49	7.44	3.25 YES
L0018863	0	0.73290E-06	440978.6	3760463.5	194.8	3.49	7.44	3.25 YES
L0018864	0	0.73290E-06	440962.6	3760463.5	194.7	3.49	7.44	3.25 YES
L0018865	0	0.73290E-06	440946.6	3760463.6	194.8	3.49	7.44	3.25 YES
L0018866	0	0.73290E-06	440930.6	3760463.6	194.8	3.49	7.44	3.25 YES
L0018867	0	0.73290E-06	440914.6	3760463.6	194.9	3.49	7.44	3.25 YES
L0018868	0	0.73290E-06	440898.6	3760463.6	195.0	3.49	7.44	3.25 YES
L0018869	0	0.73290E-06	440882.6	3760463.6	195.0	3.49	7.44	3.25 YES
L0018870	0	0.73290E-06	440866.6	3760463.7	195.0	3.49	7.44	3.25 YES
L0018871	0	0.73290E-06	440850.6	3760463.7	195.0	3.49	7.44	3.25 YES
L0018872	0	0.73290E-06	440834.6	3760463.7	195.0	3.49	7.44	3.25 YES

```
 L0018873         0   0.73290E-06  440818.6 3760463.7   195.0     3.49     7.44
3.25     YES
 L0018874         0   0.73290E-06  440802.6 3760463.7   195.0     3.49     7.44
3.25     YES
 L0018875         0   0.73290E-06  440786.6 3760463.8   195.0     3.49     7.44
3.25     YES
 L0018876         0   0.73290E-06  440770.6 3760463.8   195.0     3.49     7.44
3.25     YES
 L0018877         0   0.73290E-06  440754.6 3760463.8   195.0     3.49     7.44
3.25     YES
 L0018878         0   0.73290E-06  440738.6 3760463.8   195.0     3.49     7.44
3.25     YES
 L0018879         0   0.73290E-06  440722.6 3760463.8   195.0     3.49     7.44
3.25     YES
 L0018880         0   0.73290E-06  440706.6 3760463.9   195.0     3.49     7.44
3.25     YES
```



```
                                                      *** VOLUME SOURCE DATA ***

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

 L0018881         0   0.73290E-06  440690.6 3760463.9   195.0     3.49     7.44
3.25     YES
 L0018882         0   0.73290E-06  440674.6 3760463.9   195.0     3.49     7.44
3.25     YES
 L0018883         0   0.73290E-06  440658.6 3760463.9   195.0     3.49     7.44
3.25     YES
 L0018884         0   0.73290E-06  440642.6 3760463.9   195.0     3.49     7.44
3.25     YES
 L0018885         0   0.73290E-06  440626.6 3760464.0   195.0     3.49     7.44
3.25     YES
 L0018886         0   0.73290E-06  440610.6 3760464.0   195.0     3.49     7.44
3.25     YES
```

L0018887	0	0.73290E-06	440594.6	3760464.0	195.0	3.49	7.44	3.25 YES
L0018888	0	0.73290E-06	440578.6	3760464.0	195.0	3.49	7.44	3.25 YES
L0018889	0	0.73290E-06	440562.6	3760464.0	195.0	3.49	7.44	3.25 YES
L0018890	0	0.73290E-06	440546.6	3760464.1	195.0	3.49	7.44	3.25 YES
L0018891	0	0.73290E-06	440530.6	3760464.1	195.0	3.49	7.44	3.25 YES
L0018892	0	0.73290E-06	440514.6	3760464.1	195.0	3.49	7.44	3.25 YES
L0018893	0	0.73290E-06	440498.6	3760464.1	195.0	3.49	7.44	3.25 YES
L0018894	0	0.73290E-06	440482.6	3760464.1	194.9	3.49	7.44	3.25 YES
L0018895	0	0.73290E-06	440466.6	3760464.2	194.9	3.49	7.44	3.25 YES
L0018896	0	0.73290E-06	440450.6	3760464.2	194.8	3.49	7.44	3.25 YES
L0018897	0	0.73290E-06	440434.6	3760464.2	194.7	3.49	7.44	3.25 YES
L0018898	0	0.73290E-06	440418.6	3760464.2	194.6	3.49	7.44	3.25 YES
L0018899	0	0.73290E-06	440402.6	3760464.2	194.4	3.49	7.44	3.25 YES
L0018900	0	0.73290E-06	440386.6	3760464.3	194.2	3.49	7.44	3.25 YES
L0018901	0	0.73290E-06	440370.6	3760464.3	194.0	3.49	7.44	3.25 YES
L0018902	0	0.73290E-06	440354.6	3760464.3	193.8	3.49	7.44	3.25 YES
L0018903	0	0.73290E-06	440338.6	3760464.3	193.6	3.49	7.44	3.25 YES
L0018904	0	0.73290E-06	440322.6	3760464.3	193.4	3.49	7.44	3.25 YES
L0018905	0	0.73290E-06	440306.6	3760464.4	193.1	3.49	7.44	3.25 YES
L0018906	0	0.73290E-06	440290.6	3760464.4	192.9	3.49	7.44	3.25 YES
L0018907	0	0.73290E-06	440274.6	3760464.4	192.7	3.49	7.44	3.25 YES
L0018908	0	0.73290E-06	440258.6	3760464.4	192.7	3.49	7.44	3.25 YES
L0018909	0	0.73290E-06	440242.6	3760464.4	192.7	3.49	7.44	3.25 YES
L0018910	0	0.73290E-06	440226.6	3760464.5	192.7	3.49	7.44	3.25 YES

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 L0018911         0   0.73290E-06  440210.6 3760464.5   192.7     3.49     7.44
3.25     YES
 L0018912         0   0.73290E-06  440194.6 3760464.5   192.7     3.49     7.44
3.25     YES
 L0018913         0   0.73290E-06  440178.6 3760464.5   192.5     3.49     7.44
3.25     YES
 L0018914         0   0.73290E-06  440162.6 3760464.5   192.3     3.49     7.44
3.25     YES
 L0018915         0   0.73290E-06  440146.6 3760464.6   192.1     3.49     7.44
3.25     YES
 L0018916         0   0.73290E-06  440130.6 3760464.6   191.8     3.49     7.44
3.25     YES
 L0018917         0   0.73290E-06  440114.6 3760464.6   191.7     3.49     7.44
3.25     YES
 L0018918         0   0.73290E-06  440098.6 3760464.6   191.6     3.49     7.44
3.25     YES
 L0018919         0   0.73290E-06  440082.6 3760464.6   191.6     3.49     7.44
3.25     YES
 L0018920         0   0.73290E-06  440066.6 3760464.7   191.6     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:53:40

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0018921         0   0.73290E-06  440050.6 3760464.7   191.6     3.49     7.44
3.25     YES
 L0018922         0   0.73290E-06  440034.6 3760464.7   191.6     3.49     7.44
3.25     YES
 L0018923         0   0.73290E-06  440018.6 3760464.7   191.4     3.49     7.44
3.25     YES
 L0018924         0   0.73290E-06  440002.6 3760464.7   191.2     3.49     7.44
3.25     YES
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L0018925	0	0.73290E-06	439986.6	3760464.8	191.0	3.49	7.44	3.25 YES
L0018926	0	0.73290E-06	439970.6	3760464.8	190.8	3.49	7.44	3.25 YES
L0018927	0	0.73290E-06	439954.6	3760464.8	190.6	3.49	7.44	3.25 YES
L0018928	0	0.73290E-06	439938.6	3760464.8	190.3	3.49	7.44	3.25 YES
L0018929	0	0.73290E-06	439922.6	3760464.8	190.1	3.49	7.44	3.25 YES
L0018930	0	0.73290E-06	439906.6	3760464.9	189.9	3.49	7.44	3.25 YES
L0018931	0	0.73290E-06	439899.3	3760456.0	189.7	3.49	7.44	3.25 YES
L0018932	0	0.73290E-06	439899.2	3760440.0	189.6	3.49	7.44	3.25 YES
L0018933	0	0.73290E-06	439899.1	3760424.0	189.4	3.49	7.44	3.25 YES
L0018934	0	0.73290E-06	439899.1	3760408.1	189.2	3.49	7.44	3.25 YES
L0018935	0	0.73290E-06	439899.0	3760392.1	189.0	3.49	7.44	3.25 YES
L0018936	0	0.73290E-06	439898.9	3760376.1	188.9	3.49	7.44	3.25 YES
L0018937	0	0.73290E-06	439898.8	3760360.1	188.7	3.49	7.44	3.25 YES
L0018938	0	0.73290E-06	439898.7	3760344.1	188.5	3.49	7.44	3.25 YES
L0018939	0	0.73290E-06	439898.6	3760328.1	188.4	3.49	7.44	3.25 YES
L0018940	0	0.73290E-06	439898.5	3760312.1	188.2	3.49	7.44	3.25 YES
L0018941	0	0.73290E-06	439898.4	3760296.1	188.2	3.49	7.44	3.25 YES
L0018942	0	0.73290E-06	439898.3	3760280.1	188.1	3.49	7.44	3.25 YES
L0018943	0	0.73290E-06	439898.2	3760264.1	188.1	3.49	7.44	3.25 YES
L0018944	0	0.73290E-06	439898.2	3760248.1	188.1	3.49	7.44	3.25 YES
L0018945	0	0.73290E-06	439898.1	3760232.1	188.0	3.49	7.44	3.25 YES
L0018946	0	0.73290E-06	439898.0	3760216.1	187.9	3.49	7.44	3.25 YES
L0018947	0	0.73290E-06	439897.9	3760200.1	187.8	3.49	7.44	3.25 YES
L0018948	0	0.73290E-06	439897.8	3760184.1	187.6	3.49	7.44	3.25 YES

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 L0018949         0   0.73290E-06  439897.7 3760168.1   187.4     3.49     7.44
3.25     YES
 L0018950         0   0.73290E-06  439897.6 3760152.1   187.2     3.49     7.44
3.25     YES
 L0018951         0   0.73290E-06  439897.5 3760136.1   187.1     3.49     7.44
3.25     YES
 L0018952         0   0.73290E-06  439897.4 3760120.1   186.9     3.49     7.44
3.25     YES
 L0018953         0   0.73290E-06  439897.3 3760104.1   186.7     3.49     7.44
3.25     YES
 L0018954         0   0.73290E-06  439897.2 3760088.1   186.6     3.49     7.44
3.25     YES
 L0018955         0   0.73290E-06  439897.2 3760072.1   186.4     3.49     7.44
3.25     YES
 L0018956         0   0.73290E-06  439897.1 3760056.1   186.2     3.49     7.44
3.25     YES
 L0018957         0   0.73290E-06  439897.0 3760040.1   186.0     3.49     7.44
3.25     YES
 L0018958         0   0.73290E-06  439896.9 3760024.1   185.9     3.49     7.44
3.25     YES
 L0018959         0   0.73290E-06  439896.8 3760008.1   185.8     3.49     7.44
3.25     YES
 L0018960         0   0.73290E-06  439896.7 3759992.1   185.6     3.49     7.44
3.25     YES
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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0018961         0   0.73290E-06  439896.6 3759976.1   185.5     3.49     7.44
3.25     YES
 L0018962         0   0.73290E-06  439896.5 3759960.1   185.3     3.49     7.44
3.25     YES
```

L0018963	0	0.73290E-06	439896.4	3759944.1	185.2	3.49	7.44	3.25 YES
L0018964	0	0.73290E-06	439896.3	3759928.1	185.2	3.49	7.44	3.25 YES
L0018965	0	0.73290E-06	439896.3	3759912.1	185.1	3.49	7.44	3.25 YES
L0018966	0	0.73290E-06	439896.2	3759896.1	185.1	3.49	7.44	3.25 YES
L0018967	0	0.73290E-06	439896.1	3759880.1	185.1	3.49	7.44	3.25 YES
L0018968	0	0.73290E-06	439896.0	3759864.1	185.0	3.49	7.44	3.25 YES
L0018969	0	0.73290E-06	439895.9	3759848.1	185.0	3.49	7.44	3.25 YES
L0018970	0	0.73290E-06	439895.8	3759832.1	185.0	3.49	7.44	3.25 YES
L0018971	0	0.73290E-06	439895.7	3759816.1	185.0	3.49	7.44	3.25 YES
L0018972	0	0.73290E-06	439895.6	3759800.1	185.0	3.49	7.44	3.25 YES
L0018973	0	0.73290E-06	439895.5	3759784.1	185.0	3.49	7.44	3.25 YES
L0018974	0	0.73290E-06	439895.4	3759768.1	185.0	3.49	7.44	3.25 YES
L0018975	0	0.73290E-06	439895.4	3759752.1	185.0	3.49	7.44	3.25 YES
L0018976	0	0.73290E-06	439895.3	3759736.1	185.0	3.49	7.44	3.25 YES
L0018977	0	0.73290E-06	439895.2	3759720.1	185.0	3.49	7.44	3.25 YES
L0018978	0	0.73290E-06	439895.1	3759704.1	185.0	3.49	7.44	3.25 YES
L0018979	0	0.73290E-06	439895.0	3759688.1	185.0	3.49	7.44	3.25 YES
L0018980	0	0.73290E-06	439894.9	3759672.1	185.0	3.49	7.44	3.25 YES
L0018981	0	0.73290E-06	439894.8	3759656.1	185.0	3.49	7.44	3.25 YES
L0018982	0	0.73290E-06	439894.7	3759640.1	185.0	3.49	7.44	3.25 YES
L0018983	0	0.73290E-06	439894.6	3759624.1	185.0	3.49	7.44	3.25 YES
L0018984	0	0.73290E-06	439894.5	3759608.1	185.0	3.49	7.44	3.25 YES
L0018985	0	0.73290E-06	439894.4	3759592.1	185.0	3.49	7.44	3.25 YES
L0018986	0	0.73290E-06	439894.4	3759576.1	185.0	3.49	7.44	3.25 YES

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 L0018987         0   0.73290E-06  439894.3 3759560.1   185.0     3.49     7.44
3.25     YES
 L0018988         0   0.73290E-06  439894.2 3759544.1   185.0     3.49     7.44
3.25     YES
 L0018989         0   0.73290E-06  439894.1 3759528.1   185.0     3.49     7.44
3.25     YES
 L0018990         0   0.73290E-06  439894.0 3759512.1   185.0     3.49     7.44
3.25     YES
 L0018991         0   0.73290E-06  439893.9 3759496.1   185.0     3.49     7.44
3.25     YES
 L0018992         0   0.73290E-06  439893.8 3759480.1   185.0     3.49     7.44
3.25     YES
 L0018993         0   0.73290E-06  439893.7 3759464.1   184.8     3.49     7.44
3.25     YES
 L0018994         0   0.73290E-06  439893.6 3759448.1   184.6     3.49     7.44
3.25     YES
 L0018995         0   0.73290E-06  439893.5 3759432.1   184.5     3.49     7.44
3.25     YES
 L0018996         0   0.73290E-06  439893.5 3759416.1   184.3     3.49     7.44
3.25     YES
 L0018997         0   0.73290E-06  439893.4 3759400.1   184.1     3.49     7.44
3.25     YES
 L0018998         0   0.73290E-06  439893.3 3759384.1   184.0     3.49     7.44
3.25     YES
 L0018999         0   0.73290E-06  439893.2 3759368.1   184.0     3.49     7.44
3.25     YES
 L0019000         0   0.73290E-06  439893.1 3759352.1   184.0     3.49     7.44
3.25     YES
↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:53:40

                                   PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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L0019001	0	0.73290E-06	439893.0	3759336.1	184.0	3.49	7.44	3.25 YES
L0019002	0	0.73290E-06	439892.9	3759320.1	184.0	3.49	7.44	3.25 YES
L0019003	0	0.73290E-06	439892.8	3759304.1	184.0	3.49	7.44	3.25 YES
L0019004	0	0.73290E-06	439892.7	3759288.1	183.9	3.49	7.44	3.25 YES
L0019005	0	0.73290E-06	439892.6	3759272.1	183.7	3.49	7.44	3.25 YES
L0019006	0	0.73290E-06	439892.5	3759256.1	183.6	3.49	7.44	3.25 YES
L0019007	0	0.73290E-06	439892.5	3759240.1	183.4	3.49	7.44	3.25 YES
L0019008	0	0.73290E-06	439892.4	3759224.1	183.2	3.49	7.44	3.25 YES
L0019009	0	0.73290E-06	439892.3	3759208.1	183.0	3.49	7.44	3.25 YES
L0019010	0	0.73290E-06	439892.2	3759192.1	183.0	3.49	7.44	3.25 YES
L0019011	0	0.73290E-06	439892.1	3759176.1	183.0	3.49	7.44	3.25 YES
L0019012	0	0.73290E-06	439892.0	3759160.1	183.0	3.49	7.44	3.25 YES
L0019013	0	0.73290E-06	439891.9	3759144.1	183.0	3.49	7.44	3.25 YES
L0019014	0	0.73290E-06	439891.8	3759128.1	183.0	3.49	7.44	3.25 YES
L0019015	0	0.73290E-06	439891.7	3759112.1	183.0	3.49	7.44	3.25 YES
L0019016	0	0.73290E-06	439891.6	3759096.1	182.8	3.49	7.44	3.25 YES
L0019017	0	0.73290E-06	439891.6	3759080.1	182.7	3.49	7.44	3.25 YES
L0019018	0	0.73290E-06	439891.5	3759064.1	182.5	3.49	7.44	3.25 YES
L0019019	0	0.73290E-06	439891.4	3759048.1	182.3	3.49	7.44	3.25 YES
L0019020	0	0.73290E-06	439891.3	3759032.1	182.1	3.49	7.44	3.25 YES
L0019021	0	0.73290E-06	439891.2	3759016.1	182.0	3.49	7.44	3.25 YES
L0019022	0	0.73290E-06	439891.1	3759000.1	181.8	3.49	7.44	3.25 YES
L0019023	0	0.73290E-06	439891.0	3758984.1	181.6	3.49	7.44	3.25 YES
L0019024	0	0.73290E-06	439890.9	3758968.1	181.4	3.49	7.44	3.25 YES

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 L0019025         0   0.73290E-06  439890.8 3758952.1   181.3     3.49     7.44
3.25     YES
 L0019026         0   0.73290E-06  439890.7 3758936.1   181.1     3.49     7.44
3.25     YES
 L0019027         0   0.73290E-06  439890.7 3758920.1   181.0     3.49     7.44
3.25     YES
 L0019028         0   0.73290E-06  439890.6 3758904.1   181.0     3.49     7.44
3.25     YES
 L0019029         0   0.73290E-06  439890.5 3758888.1   181.0     3.49     7.44
3.25     YES
 L0019030         0   0.73290E-06  439890.4 3758872.1   181.0     3.49     7.44
3.25     YES
 L0019031         0   0.73290E-06  439890.3 3758856.1   181.0     3.49     7.44
3.25     YES
 L0019032         0   0.73290E-06  439890.2 3758840.1   181.0     3.49     7.44
3.25     YES
 L0019033         0   0.73290E-06  439890.1 3758824.1   181.0     3.49     7.44
3.25     YES
 L0019034         0   0.73290E-06  439890.0 3758808.1   181.0     3.49     7.44
3.25     YES
 L0019035         0   0.73290E-06  439889.9 3758792.1   181.0     3.49     7.44
3.25     YES
 L0019036         0   0.73290E-06  439889.8 3758776.1   181.0     3.49     7.44
3.25     YES
 L0019037         0   0.73290E-06  439889.7 3758760.1   181.0     3.49     7.44
3.25     YES
 L0019038         0   0.73290E-06  439889.7 3758744.1   181.0     3.49     7.44
3.25     YES
 L0019039         0   0.73290E-06  439889.6 3758728.1   180.8     3.49     7.44
3.25     YES
 L0019040         0   0.73290E-06  439889.5 3758712.1   180.7     3.49     7.44
3.25     YES
↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:53:40

                                   PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

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L0019063	0	0.73290E-06	439890.9	3758344.1	178.7	3.49	7.44	3.25 YES
L0019064	0	0.73290E-06	439891.0	3758328.1	178.5	3.49	7.44	3.25 YES
L0019065	0	0.73290E-06	439891.1	3758312.1	178.3	3.49	7.44	3.25 YES
L0019066	0	0.73290E-06	439891.2	3758296.1	178.2	3.49	7.44	3.25 YES
L0019067	0	0.73290E-06	439891.3	3758280.1	178.0	3.49	7.44	3.25 YES
L0019068	0	0.73290E-06	439891.5	3758264.1	178.0	3.49	7.44	3.25 YES
L0019069	0	0.73290E-06	439891.6	3758248.1	178.0	3.49	7.44	3.25 YES
L0019070	0	0.73290E-06	439891.7	3758232.1	178.0	3.49	7.44	3.25 YES
L0019071	0	0.73290E-06	439891.8	3758216.1	178.0	3.49	7.44	3.25 YES
L0019072	0	0.73290E-06	439891.9	3758200.1	178.0	3.49	7.44	3.25 YES
L0019073	0	0.73290E-06	439892.1	3758184.1	178.0	3.49	7.44	3.25 YES
L0019074	0	0.73290E-06	439892.2	3758168.1	177.8	3.49	7.44	3.25 YES
L0019075	0	0.73290E-06	439892.3	3758152.1	177.6	3.49	7.44	3.25 YES
L0019076	0	0.73290E-06	439892.4	3758136.1	177.4	3.49	7.44	3.25 YES
L0019077	0	0.73290E-06	439892.5	3758120.1	177.3	3.49	7.44	3.25 YES
L0019078	0	0.73290E-06	439892.7	3758104.1	177.1	3.49	7.44	3.25 YES
L0019079	0	0.73290E-06	439892.8	3758088.1	177.0	3.49	7.44	3.25 YES
L0019080	0	0.73290E-06	439892.9	3758072.1	177.0	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE BASE RELEASE INIT.

INIT. SOURCE ID	URBAN SOURCE SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	VARY BY
L0019081	0	0.73290E-06	439893.0	3758056.1	177.0	3.49	7.44	3.25	YES
L0019082	0	0.73290E-06	439893.2	3758040.1	177.0	3.49	7.44	3.25	YES
L0019083	0	0.73290E-06	439893.3	3758024.1	177.0	3.49	7.44	3.25	YES
L0019084	0	0.73290E-06	439893.4	3758008.1	177.0	3.49	7.44	3.25	YES
L0019085	0	0.73290E-06	439893.5	3757992.1	176.9	3.49	7.44	3.25	YES
L0019086	0	0.73290E-06	439893.6	3757976.1	176.7	3.49	7.44	3.25	YES
L0019087	0	0.73290E-06	439893.8	3757960.1	176.5	3.49	7.44	3.25	YES
L0019088	0	0.73290E-06	439893.9	3757944.1	176.4	3.49	7.44	3.25	YES
L0019089	0	0.73290E-06	439894.0	3757928.1	176.2	3.49	7.44	3.25	YES
L0019090	0	0.73290E-06	439894.1	3757912.1	176.0	3.49	7.44	3.25	YES
L0019091	0	0.73290E-06	439894.2	3757896.1	176.0	3.49	7.44	3.25	YES
L0019092	0	0.73290E-06	439894.4	3757880.1	176.0	3.49	7.44	3.25	YES
L0019093	0	0.73290E-06	439894.5	3757864.1	176.0	3.49	7.44	3.25	YES
L0019094	0	0.73290E-06	439894.6	3757848.1	176.0	3.49	7.44	3.25	YES
L0019095	0	0.73290E-06	439894.7	3757832.1	176.0	3.49	7.44	3.25	YES
L0019096	0	0.73290E-06	439894.8	3757816.1	176.0	3.49	7.44	3.25	YES
L0019097	0	0.73290E-06	439895.0	3757800.1	176.0	3.49	7.44	3.25	YES
L0019098	0	0.73290E-06	439895.1	3757784.1	176.0	3.49	7.44	3.25	YES
L0019099	0	0.73290E-06	439895.2	3757768.1	176.0	3.49	7.44	3.25	YES
L0019100	0	0.73290E-06	439895.3	3757752.1	176.0	3.49	7.44	3.25	YES

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 L0019101         0   0.73290E-06  439895.5 3757736.1   176.0     3.49     7.44
3.25     YES
 L0019102         0   0.73290E-06  439895.6 3757720.1   176.0     3.49     7.44
3.25     YES
 L0019103         0   0.73290E-06  439895.7 3757704.1   176.0     3.49     7.44
3.25     YES
 L0019104         0   0.73290E-06  439895.8 3757688.1   176.0     3.49     7.44
3.25     YES
 L0019105         0   0.73290E-06  439895.9 3757672.1   176.0     3.49     7.44
3.25     YES
 L0019106         0   0.73290E-06  439896.1 3757656.1   176.0     3.49     7.44
3.25     YES
 L0019107         0   0.73290E-06  439896.2 3757640.1   176.0     3.49     7.44
3.25     YES
 L0019108         0   0.73290E-06  439896.3 3757624.1   176.0     3.49     7.44
3.25     YES
 L0019109         0   0.73290E-06  439896.4 3757608.1   176.0     3.49     7.44
3.25     YES
 L0019110         0   0.73290E-06  439896.5 3757592.1   176.0     3.49     7.44
3.25     YES
 L0019111         0   0.73290E-06  439896.7 3757576.1   176.0     3.49     7.44
3.25     YES
 L0019112         0   0.73290E-06  439896.8 3757560.1   176.0     3.49     7.44
3.25     YES
 L0019113         0   0.73290E-06  439896.9 3757544.1   176.0     3.49     7.44
3.25     YES
 L0019114         0   0.73290E-06  439897.0 3757528.1   176.0     3.49     7.44
3.25     YES
 L0019115         0   0.73290E-06  439897.1 3757512.1   176.0     3.49     7.44
3.25     YES
 L0019116         0   0.73290E-06  439897.3 3757496.1   176.0     3.49     7.44
3.25     YES
 L0019117         0   0.73290E-06  439897.4 3757480.1   176.0     3.49     7.44
3.25     YES
 L0019118         0   0.73290E-06  439897.5 3757464.1   176.0     3.49     7.44
3.25     YES
 L0019119         0   0.73290E-06  439897.6 3757448.1   176.0     3.49     7.44
3.25     YES
 L0019120         0   0.73290E-06  439897.7 3757432.1   176.0     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                          ***       16:53:40

                                    PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0019121	0	0.73290E-06	439897.9	3757416.1	176.0	3.49	7.44	3.25	YES	
L0019122	0	0.73290E-06	439898.0	3757400.1	176.0	3.49	7.44	3.25	YES	
L0019123	0	0.73290E-06	439898.1	3757384.1	176.0	3.49	7.44	3.25	YES	
L0019124	0	0.73290E-06	439898.2	3757368.1	176.0	3.49	7.44	3.25	YES	
L0019125	0	0.73290E-06	439898.4	3757352.1	176.0	3.49	7.44	3.25	YES	
L0019126	0	0.73290E-06	439898.5	3757336.1	176.0	3.49	7.44	3.25	YES	
L0019127	0	0.73290E-06	439898.6	3757320.1	176.0	3.49	7.44	3.25	YES	
L0019128	0	0.73290E-06	439898.7	3757304.1	176.0	3.49	7.44	3.25	YES	
L0019129	0	0.73290E-06	439898.8	3757288.1	176.0	3.49	7.44	3.25	YES	
L0019130	0	0.73290E-06	439899.0	3757272.1	176.0	3.49	7.44	3.25	YES	
L0019131	0	0.73290E-06	439899.1	3757256.1	176.0	3.49	7.44	3.25	YES	
L0019132	0	0.73290E-06	439899.2	3757240.1	176.0	3.49	7.44	3.25	YES	
L0019133	0	0.73290E-06	439899.3	3757224.1	176.0	3.49	7.44	3.25	YES	
L0019134	0	0.73290E-06	439899.4	3757208.1	176.0	3.49	7.44	3.25	YES	
L0019135	0	0.73290E-06	439899.6	3757192.1	176.0	3.49	7.44	3.25	YES	
L0019136	0	0.73290E-06	439899.7	3757176.1	176.0	3.49	7.44	3.25	YES	
L0019137	0	0.73290E-06	439899.8	3757160.1	176.0	3.49	7.44	3.25	YES	
L0019138	0	0.73290E-06	439899.9	3757144.1	176.0	3.49	7.44	3.25	YES	

L0019139	0	0.73290E-06	439900.0	3757128.1	176.0	3.49	7.44	3.25 YES
L0019140	0	0.73290E-06	439900.2	3757112.1	176.0	3.49	7.44	3.25 YES
L0019141	0	0.73290E-06	439900.3	3757096.1	176.0	3.49	7.44	3.25 YES
L0019142	0	0.73290E-06	439900.4	3757080.1	176.0	3.49	7.44	3.25 YES
L0019143	0	0.73290E-06	439900.5	3757064.1	176.0	3.49	7.44	3.25 YES
L0019144	0	0.73290E-06	439900.6	3757048.1	176.0	3.49	7.44	3.25 YES
L0019145	0	0.73290E-06	439900.8	3757032.1	176.0	3.49	7.44	3.25 YES
L0019146	0	0.73290E-06	439900.9	3757016.1	176.0	3.49	7.44	3.25 YES
L0019147	0	0.73290E-06	439901.0	3757000.1	176.0	3.49	7.44	3.25 YES
L0019148	0	0.73290E-06	439901.1	3756984.1	176.0	3.49	7.44	3.25 YES
L0019149	0	0.73290E-06	439898.6	3756968.3	176.0	3.49	7.44	3.25 YES
L0019150	0	0.73290E-06	439895.8	3756952.6	176.0	3.49	7.44	3.25 YES
L0019151	0	0.73290E-06	439893.1	3756936.8	176.0	3.49	7.44	3.25 YES
L0019152	0	0.73290E-06	439890.3	3756921.1	176.0	3.49	7.44	3.25 YES
L0019153	0	0.73290E-06	439887.5	3756905.3	176.0	3.49	7.44	3.25 YES
L0019154	0	0.73290E-06	439884.7	3756889.6	176.0	3.49	7.44	3.25 YES
L0019155	0	0.73290E-06	439881.9	3756873.8	176.0	3.49	7.44	3.25 YES
L0019156	0	0.73290E-06	439879.1	3756858.1	176.0	3.49	7.44	3.25 YES
L0019157	0	0.73290E-06	439876.3	3756842.3	176.0	3.49	7.44	3.25 YES
L0019158	0	0.73290E-06	439873.5	3756826.6	176.0	3.49	7.44	3.25 YES
L0019159	0	0.73290E-06	439870.7	3756810.8	176.0	3.49	7.44	3.25 YES
L0019160	0	0.73290E-06	439867.9	3756795.1	176.0	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0019161	0	0.73290E-06	439865.1	3756779.3	176.0	3.49	7.44	3.25	YES	
L0019162	0	0.73290E-06	439862.3	3756763.5	176.0	3.49	7.44	3.25	YES	
L0019163	0	0.73290E-06	439859.5	3756747.8	176.0	3.49	7.44	3.25	YES	
L0019164	0	0.73290E-06	439856.7	3756732.0	176.0	3.49	7.44	3.25	YES	
L0019165	0	0.73290E-06	439853.9	3756716.3	176.0	3.49	7.44	3.25	YES	
L0019166	0	0.73290E-06	439851.1	3756700.5	176.0	3.49	7.44	3.25	YES	
L0019167	0	0.73290E-06	439848.3	3756684.8	176.0	3.49	7.44	3.25	YES	
L0019168	0	0.73290E-06	439845.0	3756669.2	176.0	3.49	7.44	3.25	YES	
L0019169	0	0.73290E-06	439840.1	3756653.9	176.0	3.49	7.44	3.25	YES	
L0019170	0	0.73290E-06	439835.2	3756638.7	176.0	3.49	7.44	3.25	YES	
L0019171	0	0.73290E-06	439830.3	3756623.5	176.0	3.49	7.44	3.25	YES	
L0019172	0	0.73290E-06	439825.3	3756608.2	176.0	3.49	7.44	3.25	YES	
L0019173	0	0.73290E-06	439820.4	3756593.0	176.0	3.49	7.44	3.25	YES	
L0019174	0	0.73290E-06	439815.5	3756577.8	176.0	3.49	7.44	3.25	YES	
L0019175	0	0.73290E-06	439810.6	3756562.6	176.0	3.49	7.44	3.25	YES	
L0019176	0	0.73290E-06	439805.7	3756547.3	176.0	3.49	7.44	3.25	YES	

L0019177	0	0.73290E-06	439800.8	3756532.1	176.0	3.49	7.44	3.25 YES
L0019178	0	0.73290E-06	439795.9	3756516.9	176.0	3.49	7.44	3.25 YES
L0019179	0	0.73290E-06	439791.0	3756501.6	176.0	3.49	7.44	3.25 YES
L0019180	0	0.73290E-06	439786.1	3756486.4	176.0	3.49	7.44	3.25 YES
L0019181	0	0.73290E-06	439781.2	3756471.2	176.0	3.49	7.44	3.25 YES
L0019182	0	0.73290E-06	439776.2	3756456.0	176.1	3.49	7.44	3.25 YES
L0019183	0	0.73290E-06	439771.3	3756440.7	176.1	3.49	7.44	3.25 YES
L0019184	0	0.73290E-06	439766.4	3756425.5	176.2	3.49	7.44	3.25 YES
L0019185	0	0.73290E-06	439761.5	3756410.3	176.3	3.49	7.44	3.25 YES
L0019186	0	0.73290E-06	439756.6	3756395.1	176.3	3.49	7.44	3.25 YES
L0019187	0	0.73290E-06	439751.7	3756379.8	176.4	3.49	7.44	3.25 YES
L0019188	0	0.73290E-06	439746.8	3756364.6	176.5	3.49	7.44	3.25 YES
L0019189	0	0.73290E-06	439741.9	3756349.4	176.5	3.49	7.44	3.25 YES
L0019190	0	0.73290E-06	439737.0	3756334.1	176.6	3.49	7.44	3.25 YES
L0019191	0	0.73290E-06	439732.0	3756318.9	176.6	3.49	7.44	3.25 YES
L0019192	0	0.73290E-06	439727.1	3756303.7	176.7	3.49	7.44	3.25 YES
L0019193	0	0.73290E-06	439722.2	3756288.5	176.8	3.49	7.44	3.25 YES
L0019194	0	0.73290E-06	439717.3	3756273.2	176.8	3.49	7.44	3.25 YES
L0019195	0	0.73290E-06	439712.4	3756258.0	176.9	3.49	7.44	3.25 YES
L0019196	0	0.73290E-06	439707.5	3756242.8	177.0	3.49	7.44	3.25 YES
L0019197	0	0.73290E-06	439702.6	3756227.6	177.0	3.49	7.44	3.25 YES
L0019198	0	0.73290E-06	439697.7	3756212.3	177.0	3.49	7.44	3.25 YES
L0019199	0	0.73290E-06	439692.8	3756197.1	177.0	3.49	7.44	3.25 YES
L0019200	0	0.73290E-06	439687.8	3756181.9	177.0	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0019201	0	0.73290E-06	439682.9	3756166.6	177.0	3.49	7.44	3.25	YES	
L0019202	0	0.73290E-06	439678.0	3756151.4	177.0	3.49	7.44	3.25	YES	
L0019203	0	0.73290E-06	439672.8	3756136.3	177.0	3.49	7.44	3.25	YES	
L0019204	0	0.73290E-06	439667.6	3756121.2	177.0	3.49	7.44	3.25	YES	
L0019205	0	0.73290E-06	439662.3	3756106.1	177.0	3.49	7.44	3.25	YES	
L0019206	0	0.73290E-06	439657.1	3756090.9	177.0	3.49	7.44	3.25	YES	
L0019207	0	0.73290E-06	439651.8	3756075.8	177.0	3.49	7.44	3.25	YES	
L0019208	0	0.73290E-06	439646.6	3756060.7	177.0	3.49	7.44	3.25	YES	
L0019209	0	0.73290E-06	439641.5	3756045.5	177.0	3.49	7.44	3.25	YES	
L0019210	0	0.73290E-06	439636.6	3756030.3	177.0	3.49	7.44	3.25	YES	
L0019211	0	0.73290E-06	439631.8	3756015.1	177.0	3.49	7.44	3.25	YES	
L0019212	0	0.73290E-06	439626.9	3755999.8	177.0	3.49	7.44	3.25	YES	
L0019213	0	0.73290E-06	439622.1	3755984.6	177.0	3.49	7.44	3.25	YES	
L0019214	0	0.73290E-06	439617.2	3755969.3	177.1	3.49	7.44	3.25	YES	

L0019215	0	0.73290E-06	439612.4	3755954.1	177.2	3.49	7.44	3.25 YES
L0019216	0	0.73290E-06	439607.5	3755938.8	177.2	3.49	7.44	3.25 YES
L0019217	0	0.73290E-06	439602.7	3755923.6	177.3	3.49	7.44	3.25 YES
L0019218	0	0.73290E-06	439597.8	3755908.3	177.4	3.49	7.44	3.25 YES
L0019219	0	0.73290E-06	439592.9	3755893.1	177.4	3.49	7.44	3.25 YES
L0019220	0	0.73290E-06	439588.1	3755877.8	177.5	3.49	7.44	3.25 YES
L0019221	0	0.73290E-06	439583.2	3755862.6	177.5	3.49	7.44	3.25 YES
L0019222	0	0.73290E-06	439578.4	3755847.3	177.6	3.49	7.44	3.25 YES
L0019223	0	0.73290E-06	439573.5	3755832.1	177.7	3.49	7.44	3.25 YES
L0019224	0	0.73290E-06	439568.7	3755816.8	177.7	3.49	7.44	3.25 YES
L0019225	0	0.73290E-06	439563.8	3755801.6	177.8	3.49	7.44	3.25 YES
L0019226	0	0.73290E-06	439559.0	3755786.4	177.8	3.49	7.44	3.25 YES
L0019227	0	0.73290E-06	439554.1	3755771.1	177.9	3.49	7.44	3.25 YES
L0019228	0	0.73290E-06	439549.3	3755755.9	178.0	3.49	7.44	3.25 YES
L0019229	0	0.73290E-06	439544.4	3755740.6	178.0	3.49	7.44	3.25 YES
L0019230	0	0.73290E-06	439539.6	3755725.4	178.0	3.49	7.44	3.25 YES
L0019231	0	0.73290E-06	439534.7	3755710.1	178.0	3.49	7.44	3.25 YES
L0019232	0	0.73290E-06	439529.9	3755694.9	178.0	3.49	7.44	3.25 YES
L0019233	0	0.73290E-06	439525.0	3755679.6	178.0	3.49	7.44	3.25 YES
L0019234	0	0.73290E-06	439520.2	3755664.4	178.0	3.49	7.44	3.25 YES
L0019235	0	0.73290E-06	439515.3	3755649.1	178.0	3.49	7.44	3.25 YES
L0019236	0	0.73290E-06	439510.5	3755633.9	178.0	3.49	7.44	3.25 YES
L0019237	0	0.73290E-06	439505.6	3755618.6	178.0	3.49	7.44	3.25 YES
L0019238	0	0.73290E-06	439500.8	3755603.4	178.0	3.49	7.44	3.25 YES

 L0019239   0   0.73290E-06 439495.9 3755588.1   178.0   3.49   7.44
3.25   YES
 L0019240   0   0.73290E-06 439491.1 3755572.9   178.0   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0019241   0   0.73290E-06 439486.2 3755557.7   178.0   3.49   7.44
3.25   YES
 L0019242   0   0.73290E-06 439481.4 3755542.4   178.0   3.49   7.44
3.25   YES
 L0019243   0   0.73290E-06 439476.5 3755527.2   178.0   3.49   7.44
3.25   YES
 L0019244   0   0.73290E-06 439471.7 3755511.9   178.0   3.49   7.44
3.25   YES
 L0019245   0   0.73290E-06 439466.8 3755496.7   178.0   3.49   7.44
3.25   YES
 L0019246   0   0.73290E-06 439462.0 3755481.4   178.0   3.49   7.44
3.25   YES
 L0019247   0   0.73290E-06 439457.1 3755466.2   178.0   3.49   7.44
3.25   YES
 L0019248   0   0.73290E-06 439452.2 3755450.9   178.0   3.49   7.44
3.25   YES
 L0019249   0   0.73290E-06 439447.4 3755435.7   178.0   3.49   7.44
3.25   YES
 L0019250   0   0.73290E-06 439442.5 3755420.4   178.0   3.49   7.44
3.25   YES
 L0019251   0   0.73290E-06 439437.7 3755405.2   178.0   3.49   7.44
3.25   YES
 L0019252   0   0.73290E-06 439432.8 3755389.9   178.0   3.49   7.44
3.25   YES

L0019253	0	0.73290E-06	439428.0	3755374.7	178.0	3.49	7.44	3.25 YES
L0019254	0	0.73290E-06	439423.1	3755359.4	178.0	3.49	7.44	3.25 YES
L0019255	0	0.73290E-06	439418.3	3755344.2	178.0	3.49	7.44	3.25 YES
L0019256	0	0.73290E-06	439413.4	3755329.0	178.0	3.49	7.44	3.25 YES
L0019257	0	0.73290E-06	439408.6	3755313.7	178.0	3.49	7.44	3.25 YES
L0019258	0	0.73290E-06	439403.7	3755298.5	178.0	3.49	7.44	3.25 YES
L0019259	0	0.73290E-06	439398.9	3755283.2	178.0	3.49	7.44	3.25 YES
L0019260	0	0.73290E-06	439394.0	3755268.0	178.0	3.49	7.44	3.25 YES
L0019261	0	0.73290E-06	439389.2	3755252.7	178.0	3.49	7.44	3.25 YES
L0019262	0	0.73290E-06	439384.3	3755237.5	178.1	3.49	7.44	3.25 YES
L0019263	0	0.73290E-06	439379.5	3755222.2	178.1	3.49	7.44	3.25 YES
L0019264	0	0.73290E-06	439374.6	3755207.0	178.2	3.49	7.44	3.25 YES
L0019265	0	0.73290E-06	439369.8	3755191.7	178.2	3.49	7.44	3.25 YES
L0019266	0	0.73290E-06	439364.9	3755176.5	178.3	3.49	7.44	3.25 YES
L0019267	0	0.73290E-06	439360.1	3755161.2	178.4	3.49	7.44	3.25 YES
L0019268	0	0.73290E-06	439355.2	3755146.0	178.4	3.49	7.44	3.25 YES
L0019269	0	0.73290E-06	439350.1	3755130.8	178.5	3.49	7.44	3.25 YES
L0019270	0	0.73290E-06	439344.9	3755115.7	178.6	3.49	7.44	3.25 YES
L0019271	0	0.73290E-06	439339.7	3755100.6	178.6	3.49	7.44	3.25 YES
L0019272	0	0.73290E-06	439334.5	3755085.4	178.7	3.49	7.44	3.25 YES
L0019273	0	0.73290E-06	439329.3	3755070.3	178.8	3.49	7.44	3.25 YES
L0019274	0	0.73290E-06	439324.1	3755055.2	178.8	3.49	7.44	3.25 YES
L0019275	0	0.73290E-06	439318.8	3755040.1	178.9	3.49	7.44	3.25 YES
L0019276	0	0.73290E-06	439313.6	3755024.9	179.0	3.49	7.44	3.25 YES

```
 L0019277         0   0.73290E-06  439308.4 3755009.8   179.0     3.49     7.44
3.25     YES
 L0019278         0   0.73290E-06  439303.2 3754994.7   179.0     3.49     7.44
3.25     YES
 L0019279         0   0.73290E-06  439298.0 3754979.6   179.0     3.49     7.44
3.25     YES
 L0019280         0   0.73290E-06  439292.7 3754964.4   179.0     3.49     7.44
3.25     YES
```


*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0019281	0	0.73290E-06	439287.5	3754949.3	179.0	3.49	7.44	3.25	YES	
L0019282	0	0.73290E-06	439282.3	3754934.2	179.0	3.49	7.44	3.25	YES	
L0019283	0	0.73290E-06	439277.1	3754919.1	179.0	3.49	7.44	3.25	YES	
L0019284	0	0.73290E-06	439269.2	3754905.4	179.0	3.49	7.44	3.25	YES	
L0019285	0	0.73290E-06	439259.2	3754892.9	179.0	3.49	7.44	3.25	YES	
L0019286	0	0.73290E-06	439249.3	3754880.3	179.0	3.49	7.44	3.25	YES	
L0019287	0	0.73290E-06	439239.4	3754867.7	179.0	3.49	7.44	3.25	YES	
L0019288	0	0.73290E-06	439229.5	3754855.2	179.0	3.49	7.44	3.25	YES	
L0019289	0	0.73290E-06	439219.6	3754842.6	179.0	3.49	7.44	3.25	YES	
L0019290	0	0.73290E-06	439209.7	3754830.1	179.1	3.49	7.44	3.25	YES	

L0019291	0	0.73290E-06	439199.8	3754817.5	179.2	3.49	7.44	3.25 YES
L0019292	0	0.73290E-06	439189.9	3754804.9	179.4	3.49	7.44	3.25 YES
L0019293	0	0.73290E-06	439180.0	3754792.4	179.6	3.49	7.44	3.25 YES
L0019294	0	0.73290E-06	439170.0	3754779.8	179.8	3.49	7.44	3.25 YES
L0019295	0	0.73290E-06	439160.1	3754767.3	179.9	3.49	7.44	3.25 YES
L0019296	0	0.73290E-06	439150.2	3754754.7	180.1	3.49	7.44	3.25 YES
L0019297	0	0.73290E-06	439140.3	3754742.1	180.2	3.49	7.44	3.25 YES
L0019298	0	0.73290E-06	439130.4	3754729.6	180.3	3.49	7.44	3.25 YES
L0019299	0	0.73290E-06	439120.5	3754717.0	180.5	3.49	7.44	3.25 YES
L0019300	0	0.73290E-06	439110.6	3754704.5	180.6	3.49	7.44	3.25 YES
L0019301	0	0.73290E-06	439100.7	3754691.9	180.7	3.49	7.44	3.25 YES
L0019302	0	0.73290E-06	439090.8	3754679.3	180.8	3.49	7.44	3.25 YES
L0019805	0	0.15130E-05	441969.0	3760464.9	198.1	3.49	10.23	3.25 YES
L0019806	0	0.15130E-05	441947.0	3760464.9	197.4	3.49	10.23	3.25 YES
L0019807	0	0.15130E-05	441925.0	3760464.9	196.8	3.49	10.23	3.25 YES
L0019808	0	0.15130E-05	441903.0	3760464.9	196.2	3.49	10.23	3.25 YES
L0019809	0	0.15130E-05	441881.0	3760464.9	195.8	3.49	10.23	3.25 YES
L0019810	0	0.15130E-05	441859.0	3760464.9	195.8	3.49	10.23	3.25 YES
L0019811	0	0.15130E-05	441837.0	3760464.9	195.8	3.49	10.23	3.25 YES
L0019812	0	0.15130E-05	441815.0	3760464.9	195.8	3.49	10.23	3.25 YES
L0019813	0	0.15130E-05	441793.0	3760464.9	195.6	3.49	10.23	3.25 YES
L0019814	0	0.15130E-05	441771.0	3760464.9	195.4	3.49	10.23	3.25 YES
L0019815	0	0.15130E-05	441749.0	3760464.9	195.2	3.49	10.23	3.25 YES
L0019816	0	0.15130E-05	441727.0	3760464.9	195.0	3.49	10.23	3.25 YES

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 L0019817         0   0.15130E-05  441705.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019818         0   0.15130E-05  441683.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019819         0   0.15130E-05  441661.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019820         0   0.15130E-05  441639.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019821         0   0.15130E-05  441617.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019822         0   0.15130E-05  441595.0 3760464.9   195.0     3.49    10.23
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:53:40

                                  PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0019823         0   0.15130E-05  441573.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019824         0   0.15130E-05  441551.0 3760464.9   194.9     3.49    10.23
3.25     YES
 L0019825         0   0.15130E-05  441529.0 3760464.9   194.8     3.49    10.23
3.25     YES
 L0019826         0   0.15130E-05  441507.0 3760464.9   194.8     3.49    10.23
3.25     YES
 L0019827         0   0.15130E-05  441485.0 3760464.9   194.7     3.49    10.23
3.25     YES
 L0019828         0   0.15130E-05  441463.0 3760464.9   194.7     3.49    10.23
3.25     YES
 L0019829         0   0.15130E-05  441441.0 3760464.9   194.7     3.49    10.23
3.25     YES
 L0019830         0   0.15130E-05  441419.0 3760464.9   194.7     3.49    10.23
3.25     YES
```

L0019831	0	0.15130E-05	441397.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019832	0	0.15130E-05	441375.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019833	0	0.15130E-05	441353.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019834	0	0.15130E-05	441331.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019835	0	0.15130E-05	441309.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019836	0	0.15130E-05	441287.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019837	0	0.15130E-05	441265.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019838	0	0.15130E-05	441243.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019839	0	0.15130E-05	441221.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019840	0	0.15130E-05	441199.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019841	0	0.15130E-05	441177.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019842	0	0.15130E-05	441155.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019843	0	0.15130E-05	441133.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019844	0	0.15130E-05	441111.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019845	0	0.15130E-05	441089.0	3760464.9	194.8	3.49	10.23	3.25 YES
L0019846	0	0.15130E-05	441067.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0019847	0	0.15130E-05	441045.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0019848	0	0.15130E-05	441023.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0019849	0	0.15130E-05	441001.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0019850	0	0.15130E-05	440979.0	3760464.9	194.8	3.49	10.23	3.25 YES
L0019851	0	0.15130E-05	440957.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019852	0	0.15130E-05	440935.0	3760464.9	194.8	3.49	10.23	3.25 YES
L0019853	0	0.15130E-05	440913.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0019854	0	0.15130E-05	440891.0	3760464.9	195.0	3.49	10.23	3.25 YES

```
 L0019855         0   0.15130E-05  440869.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019856         0   0.15130E-05  440847.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019857         0   0.15130E-05  440825.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019858         0   0.15130E-05  440803.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019859         0   0.15130E-05  440781.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019860         0   0.15130E-05  440759.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019861         0   0.15130E-05  440737.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019862         0   0.15130E-05  440715.0 3760464.9   195.0     3.49    10.23
3.25     YES
```



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                                                    *** VOLUME SOURCE DATA ***

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

 L0019863         0   0.15130E-05  440693.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019864         0   0.15130E-05  440671.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019865         0   0.15130E-05  440649.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019866         0   0.15130E-05  440627.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019867         0   0.15130E-05  440605.0 3760464.9   195.0     3.49    10.23
3.25     YES
 L0019868         0   0.15130E-05  440583.0 3760464.9   195.0     3.49    10.23
3.25     YES
```

L0019869	0	0.15130E-05	440561.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0019870	0	0.15130E-05	440539.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0019871	0	0.15130E-05	440517.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0019872	0	0.15130E-05	440495.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0019873	0	0.15130E-05	440473.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0019874	0	0.15130E-05	440451.0	3760464.9	194.8	3.49	10.23	3.25 YES
L0019875	0	0.15130E-05	440429.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0019876	0	0.15130E-05	440407.0	3760464.9	194.5	3.49	10.23	3.25 YES
L0019877	0	0.15130E-05	440385.0	3760464.9	194.2	3.49	10.23	3.25 YES
L0019878	0	0.15130E-05	440363.0	3760464.9	193.9	3.49	10.23	3.25 YES
L0019879	0	0.15130E-05	440341.0	3760464.9	193.6	3.49	10.23	3.25 YES
L0019880	0	0.15130E-05	440319.0	3760464.9	193.3	3.49	10.23	3.25 YES
L0019881	0	0.15130E-05	440297.0	3760464.9	193.0	3.49	10.23	3.25 YES
L0019882	0	0.15130E-05	440275.0	3760464.9	192.7	3.49	10.23	3.25 YES
L0019883	0	0.15130E-05	440253.0	3760464.9	192.7	3.49	10.23	3.25 YES
L0019884	0	0.15130E-05	440231.0	3760464.9	192.7	3.49	10.23	3.25 YES
L0019885	0	0.15130E-05	440209.0	3760464.9	192.7	3.49	10.23	3.25 YES
L0019886	0	0.15130E-05	440187.0	3760464.9	192.6	3.49	10.23	3.25 YES
L0019887	0	0.15130E-05	440165.0	3760464.9	192.3	3.49	10.23	3.25 YES
L0019888	0	0.15130E-05	440143.0	3760464.9	192.0	3.49	10.23	3.25 YES
L0019889	0	0.15130E-05	440121.0	3760464.9	191.7	3.49	10.23	3.25 YES
L0019890	0	0.15130E-05	440099.0	3760464.9	191.7	3.49	10.23	3.25 YES
L0019891	0	0.15130E-05	440077.0	3760464.9	191.7	3.49	10.23	3.25 YES
L0019892	0	0.15130E-05	440055.0	3760464.9	191.6	3.49	10.23	3.25 YES

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 L0019893         0   0.15130E-05  440033.0 3760464.9   191.6     3.49    10.23
3.25     YES
 L0019894         0   0.15130E-05  440011.0 3760464.9   191.3     3.49    10.23
3.25     YES
 L0019895         0   0.15130E-05  439989.0 3760464.9   191.0     3.49    10.23
3.25     YES
 L0019896         0   0.15130E-05  439967.0 3760464.9   190.7     3.49    10.23
3.25     YES
 L0019897         0   0.15130E-05  439945.0 3760464.9   190.4     3.49    10.23
3.25     YES
 L0019898         0   0.15130E-05  439923.0 3760464.9   190.1     3.49    10.23
3.25     YES
 L0019899         0   0.15130E-05  439901.0 3760464.9   189.9     3.49    10.23
3.25     YES
 L0019900         0   0.15130E-05  439892.9 3760478.8   189.9     3.49    10.23
3.25     YES
 L0019901         0   0.15130E-05  439893.0 3760500.8   190.1     3.49    10.23
3.25     YES
 L0019902         0   0.15130E-05  439893.2 3760522.8   190.4     3.49    10.23
3.25     YES
```



```
                                                    *** VOLUME SOURCE DATA ***

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

 L0019903         0   0.15130E-05  439893.3 3760544.8   190.6     3.49    10.23
3.25     YES
 L0019904         0   0.15130E-05  439893.4 3760566.8   190.8     3.49    10.23
3.25     YES
 L0019905         0   0.15130E-05  439893.5 3760588.8   191.1     3.49    10.23
3.25     YES
 L0019906         0   0.15130E-05  439893.6 3760610.8   191.3     3.49    10.23
3.25     YES
```

L0019907	0	0.15130E-05	439893.8	3760632.8	191.6	3.49	10.23	3.25 YES
L0019908	0	0.15130E-05	439893.9	3760654.8	191.8	3.49	10.23	3.25 YES
L0019909	0	0.15130E-05	439894.0	3760676.8	192.0	3.49	10.23	3.25 YES
L0019910	0	0.15130E-05	439894.1	3760698.8	192.4	3.49	10.23	3.25 YES
L0019911	0	0.15130E-05	439894.2	3760720.8	192.9	3.49	10.23	3.25 YES
L0019912	0	0.15130E-05	439894.3	3760742.8	193.3	3.49	10.23	3.25 YES
L0019913	0	0.15130E-05	439894.5	3760764.8	193.8	3.49	10.23	3.25 YES
L0019914	0	0.15130E-05	439894.6	3760786.8	194.1	3.49	10.23	3.25 YES
L0019915	0	0.15130E-05	439894.7	3760808.8	194.3	3.49	10.23	3.25 YES
L0019916	0	0.15130E-05	439894.8	3760830.8	194.5	3.49	10.23	3.25 YES
L0019917	0	0.15130E-05	439894.9	3760852.8	194.7	3.49	10.23	3.25 YES
L0019918	0	0.15130E-05	439895.1	3760874.8	195.0	3.49	10.23	3.25 YES
L0019919	0	0.15130E-05	439895.2	3760896.8	195.2	3.49	10.23	3.25 YES
L0019920	0	0.15130E-05	439895.3	3760918.8	195.5	3.49	10.23	3.25 YES
L0019921	0	0.15130E-05	439895.4	3760940.8	195.8	3.49	10.23	3.25 YES
L0019922	0	0.15130E-05	439895.5	3760962.8	196.0	3.49	10.23	3.25 YES
L0019923	0	0.15130E-05	439895.7	3760984.8	196.3	3.49	10.23	3.25 YES
L0019924	0	0.15130E-05	439895.8	3761006.8	196.5	3.49	10.23	3.25 YES
L0019925	0	0.15130E-05	439895.9	3761028.8	196.7	3.49	10.23	3.25 YES
L0019926	0	0.15130E-05	439896.0	3761050.8	197.0	3.49	10.23	3.25 YES
L0019927	0	0.15130E-05	439896.1	3761072.8	197.2	3.49	10.23	3.25 YES
L0019928	0	0.15130E-05	439896.3	3761094.8	197.5	3.49	10.23	3.25 YES
L0019929	0	0.15130E-05	439896.4	3761116.8	197.7	3.49	10.23	3.25 YES
L0019930	0	0.15130E-05	439896.5	3761138.8	197.9	3.49	10.23	3.25 YES

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 L0019931         0   0.15130E-05  439896.6 3761160.8   198.2     3.49    10.23
3.25     YES
 L0019932         0   0.15130E-05  439896.7 3761182.8   198.4     3.49    10.23
3.25     YES
 L0019933         0   0.15130E-05  439896.8 3761204.7   198.6     3.49    10.23
3.25     YES
 L0019934         0   0.15130E-05  439897.0 3761226.7   198.9     3.49    10.23
3.25     YES
 L0019935         0   0.15130E-05  439897.1 3761248.7   199.2     3.49    10.23
3.25     YES
 L0019936         0   0.15130E-05  439897.2 3761270.7   199.7     3.49    10.23
3.25     YES
 L0019937         0   0.15130E-05  439897.3 3761292.7   200.1     3.49    10.23
3.25     YES
 L0019938         0   0.15130E-05  439897.4 3761314.7   200.6     3.49    10.23
3.25     YES
 L0019939         0   0.15130E-05  439897.6 3761336.7   201.0     3.49    10.23
3.25     YES
 L0019940         0   0.15130E-05  439897.7 3761358.7   201.2     3.49    10.23
3.25     YES
 L0019941         0   0.15130E-05  439897.8 3761380.7   201.5     3.49    10.23
3.25     YES
 L0019942         0   0.15130E-05  439897.9 3761402.7   201.8     3.49    10.23
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:53:40

                                  PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0019943         0   0.15130E-05  439898.0 3761424.7   202.0     3.49    10.23
3.25     YES
 L0019944         0   0.15130E-05  439898.2 3761446.7   202.3     3.49    10.23
3.25     YES
```

L0019945	0	0.15130E-05	439898.3	3761468.7	202.5	3.49	10.23	3.25 YES
L0019946	0	0.15130E-05	439898.4	3761490.7	202.7	3.49	10.23	3.25 YES
L0019947	0	0.15130E-05	439898.5	3761512.7	203.0	3.49	10.23	3.25 YES
L0019948	0	0.15130E-05	439898.6	3761534.7	203.4	3.49	10.23	3.25 YES
L0019949	0	0.15130E-05	439898.8	3761556.7	203.9	3.49	10.23	3.25 YES
L0019950	0	0.15130E-05	439898.9	3761578.7	204.3	3.49	10.23	3.25 YES
L0019951	0	0.15130E-05	439899.0	3761600.7	204.8	3.49	10.23	3.25 YES
L0019952	0	0.15130E-05	439899.1	3761622.7	205.1	3.49	10.23	3.25 YES
L0019953	0	0.15130E-05	439899.2	3761644.7	205.4	3.49	10.23	3.25 YES
L0019954	0	0.15130E-05	439899.4	3761666.7	205.6	3.49	10.23	3.25 YES
L0019955	0	0.15130E-05	439899.5	3761688.7	205.9	3.49	10.23	3.25 YES
L0019956	0	0.15130E-05	439899.6	3761710.7	206.1	3.49	10.23	3.25 YES
L0019957	0	0.15130E-05	439899.7	3761732.7	206.4	3.49	10.23	3.25 YES
L0019958	0	0.15130E-05	439899.8	3761754.7	206.6	3.49	10.23	3.25 YES
L0019959	0	0.15130E-05	439900.0	3761776.7	206.8	3.49	10.23	3.25 YES
L0019960	0	0.15130E-05	439900.1	3761798.7	207.1	3.49	10.23	3.25 YES
L0019961	0	0.15130E-05	439900.2	3761820.7	207.6	3.49	10.23	3.25 YES
L0019962	0	0.15130E-05	439900.3	3761842.7	208.1	3.49	10.23	3.25 YES
L0019963	0	0.15130E-05	439900.4	3761864.7	208.6	3.49	10.23	3.25 YES
L0019964	0	0.15130E-05	439900.5	3761886.7	209.0	3.49	10.23	3.25 YES
L0019965	0	0.15130E-05	439900.7	3761908.7	209.5	3.49	10.23	3.25 YES
L0019966	0	0.15130E-05	439900.8	3761930.7	210.0	3.49	10.23	3.25 YES
L0019967	0	0.15130E-05	439900.9	3761952.7	210.5	3.49	10.23	3.25 YES
L0019968	0	0.15130E-05	439901.0	3761974.7	211.0	3.49	10.23	3.25 YES

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 L0019969         0   0.15130E-05  439901.1 3761996.7   211.2     3.49    10.23
3.25     YES
 L0019970         0   0.15130E-05  439901.3 3762018.7   211.5     3.49    10.23
3.25     YES
 L0019971         0   0.15130E-05  439901.4 3762040.7   211.7     3.49    10.23
3.25     YES
 L0019972         0   0.15130E-05  439901.5 3762062.7   211.9     3.49    10.23
3.25     YES
 L0019973         0   0.15130E-05  439901.6 3762084.7   212.3     3.49    10.23
3.25     YES
 L0019974         0   0.15130E-05  439901.7 3762106.7   212.8     3.49    10.23
3.25     YES
 L0019975         0   0.15130E-05  439901.9 3762128.7   213.2     3.49    10.23
3.25     YES
 L0019976         0   0.15130E-05  439902.0 3762150.7   213.7     3.49    10.23
3.25     YES
 L0019977         0   0.15130E-05  439902.1 3762172.7   214.0     3.49    10.23
3.25     YES
 L0019978         0   0.15130E-05  439902.2 3762194.7   214.3     3.49    10.23
3.25     YES
 L0019979         0   0.15130E-05  439902.3 3762216.7   214.6     3.49    10.23
3.25     YES
 L0019980         0   0.15130E-05  439902.5 3762238.7   214.8     3.49    10.23
3.25     YES
 L0019981         0   0.15130E-05  439902.6 3762260.7   215.1     3.49    10.23
3.25     YES
 L0019982         0   0.15130E-05  439902.7 3762282.7   215.3     3.49    10.23
3.25     YES
↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:53:40

                                   PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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L0019983	0	0.15130E-05	439902.8	3762304.7	215.5	3.49	10.23	3.25 YES
L0019984	0	0.15130E-05	439902.9	3762326.7	215.8	3.49	10.23	3.25 YES
L0019985	0	0.15130E-05	439903.1	3762348.7	215.9	3.49	10.23	3.25 YES
L0019986	0	0.15130E-05	439903.2	3762370.7	215.2	3.49	10.23	3.25 YES
L0019987	0	0.15130E-05	439903.3	3762392.7	214.4	3.49	10.23	3.25 YES
L0019988	0	0.15130E-05	439903.4	3762414.7	213.7	3.49	10.23	3.25 YES
L0019989	0	0.15130E-05	439903.5	3762436.7	212.9	3.49	10.23	3.25 YES
L0019990	0	0.15130E-05	439903.6	3762458.7	212.4	3.49	10.23	3.25 YES
L0019991	0	0.15130E-05	439903.8	3762480.7	212.0	3.49	10.23	3.25 YES
L0019992	0	0.15130E-05	439903.9	3762502.7	211.5	3.49	10.23	3.25 YES
L0019993	0	0.15130E-05	439904.0	3762524.7	211.1	3.49	10.23	3.25 YES
L0019994	0	0.15130E-05	439904.1	3762546.7	211.6	3.49	10.23	3.25 YES
L0019995	0	0.15130E-05	439904.2	3762568.7	212.5	3.49	10.23	3.25 YES
L0019996	0	0.15130E-05	439904.4	3762590.7	213.5	3.49	10.23	3.25 YES
L0019997	0	0.15130E-05	439904.5	3762612.7	214.4	3.49	10.23	3.25 YES
L0019998	0	0.15130E-05	439904.6	3762634.7	215.0	3.49	10.23	3.25 YES
L0019999	0	0.15130E-05	439904.7	3762656.7	215.3	3.49	10.23	3.25 YES
L0020000	0	0.15130E-05	439904.8	3762678.7	215.6	3.49	10.23	3.25 YES
L0020001	0	0.15130E-05	439905.0	3762700.7	215.8	3.49	10.23	3.25 YES
L0020002	0	0.15130E-05	439905.1	3762722.7	216.3	3.49	10.23	3.25 YES
L0020003	0	0.15130E-05	439905.2	3762744.7	217.3	3.49	10.23	3.25 YES
L0020004	0	0.15130E-05	439905.3	3762766.7	218.3	3.49	10.23	3.25 YES
L0020005	0	0.15130E-05	439905.4	3762788.7	219.2	3.49	10.23	3.25 YES
L0020006	0	0.15130E-05	439905.6	3762810.7	220.1	3.49	10.23	3.25 YES

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 L0020007         0   0.15130E-05  439905.7 3762832.7   219.3     3.49    10.23
3.25     YES
 L0020008         0   0.15130E-05  439905.8 3762854.7   218.6     3.49    10.23
3.25     YES
 L0020009         0   0.15130E-05  439905.9 3762876.7   217.8     3.49    10.23
3.25     YES
 L0020010         0   0.15130E-05  439906.0 3762898.7   217.1     3.49    10.23
3.25     YES
 L0020011         0   0.15130E-05  439906.2 3762920.7   217.0     3.49    10.23
3.25     YES
 L0020012         0   0.15130E-05  439906.3 3762942.7   217.0     3.49    10.23
3.25     YES
 L0020013         0   0.15130E-05  439906.4 3762964.7   217.1     3.49    10.23
3.25     YES
 L0020014         0   0.15130E-05  439906.5 3762986.7   217.1     3.49    10.23
3.25     YES
 L0020015         0   0.15130E-05  439906.6 3763008.7   217.4     3.49    10.23
3.25     YES
 L0020016         0   0.15130E-05  439906.7 3763030.7   217.9     3.49    10.23
3.25     YES
 L0020017         0   0.15130E-05  439906.9 3763052.7   218.3     3.49    10.23
3.25     YES
 L0020018         0   0.15130E-05  439907.0 3763074.7   218.8     3.49    10.23
3.25     YES
 L0020019         0   0.15130E-05  439907.1 3763096.7   219.2     3.49    10.23
3.25     YES
 L0020020         0   0.15130E-05  439907.2 3763118.7   219.7     3.49    10.23
3.25     YES
 L0020021         0   0.15130E-05  439907.3 3763140.7   220.1     3.49    10.23
3.25     YES
 L0020022         0   0.15130E-05  439907.5 3763162.7   220.6     3.49    10.23
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:53:40

                                   PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

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

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L0020045	0	0.15130E-05	439910.2	3763668.7	222.0	3.49	10.23	3.25 YES
L0020046	0	0.15130E-05	439910.3	3763690.7	222.7	3.49	10.23	3.25 YES
L0020047	0	0.15130E-05	439910.4	3763712.7	223.5	3.49	10.23	3.25 YES
L0020048	0	0.15130E-05	439910.6	3763734.7	224.2	3.49	10.23	3.25 YES
L0020049	0	0.15130E-05	439910.7	3763756.7	225.4	3.49	10.23	3.25 YES
L0020050	0	0.15130E-05	439910.8	3763778.7	226.5	3.49	10.23	3.25 YES
L0020051	0	0.15130E-05	439910.9	3763800.7	227.7	3.49	10.23	3.25 YES
L0020052	0	0.15130E-05	439911.0	3763822.7	228.8	3.49	10.23	3.25 YES
L0020053	0	0.15130E-05	439911.2	3763844.7	229.6	3.49	10.23	3.25 YES
L0020054	0	0.15130E-05	439911.3	3763866.7	230.3	3.49	10.23	3.25 YES
L0020055	0	0.15130E-05	439911.4	3763888.7	231.1	3.49	10.23	3.25 YES
L0020056	0	0.15130E-05	439911.5	3763910.7	231.8	3.49	10.23	3.25 YES
L0020057	0	0.15130E-05	439911.6	3763932.7	231.9	3.49	10.23	3.25 YES
L0020058	0	0.15130E-05	439911.8	3763954.7	231.6	3.49	10.23	3.25 YES
L0020059	0	0.15130E-05	439911.9	3763976.7	231.3	3.49	10.23	3.25 YES
L0020060	0	0.15130E-05	439912.0	3763998.7	231.1	3.49	10.23	3.25 YES
L0020061	0	0.15130E-05	439912.1	3764020.7	230.7	3.49	10.23	3.25 YES
L0020062	0	0.15130E-05	439912.2	3764042.7	230.2	3.49	10.23	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE BASE RELEASE INIT.

INIT. SOURCE ID	URBAN PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE VARY BY
L0020063	0	0.15130E-05	439912.4	3764064.7	229.8	3.49	10.23	3.25	YES
L0020064	0	0.15130E-05	439912.5	3764086.7	229.3	3.49	10.23	3.25	YES
L0020065	0	0.15130E-05	439912.6	3764108.7	229.3	3.49	10.23	3.25	YES
L0020066	0	0.15130E-05	439912.7	3764130.7	230.6	3.49	10.23	3.25	YES
L0020067	0	0.15130E-05	439912.8	3764152.7	231.8	3.49	10.23	3.25	YES
L0020068	0	0.15130E-05	439912.9	3764174.7	233.0	3.49	10.23	3.25	YES
L0020069	0	0.15130E-05	439913.1	3764196.7	234.2	3.49	10.23	3.25	YES
L0020070	0	0.15130E-05	439913.2	3764218.7	235.3	3.49	10.23	3.25	YES
L0020071	0	0.15130E-05	439913.3	3764240.7	236.5	3.49	10.23	3.25	YES
L0020072	0	0.15130E-05	439913.4	3764262.7	237.7	3.49	10.23	3.25	YES
L0020073	0	0.15130E-05	439913.5	3764284.7	238.9	3.49	10.23	3.25	YES
L0020074	0	0.15130E-05	439913.7	3764306.7	238.4	3.49	10.23	3.25	YES
L0020075	0	0.15130E-05	439913.8	3764328.7	237.7	3.49	10.23	3.25	YES
L0020076	0	0.15130E-05	439913.9	3764350.7	236.9	3.49	10.23	3.25	YES
L0020077	0	0.15130E-05	439914.0	3764372.7	236.2	3.49	10.23	3.25	YES
L0020078	0	0.15130E-05	439914.1	3764394.7	236.5	3.49	10.23	3.25	YES
L0020079	0	0.15130E-05	439914.3	3764416.7	237.2	3.49	10.23	3.25	YES
L0020080	0	0.15130E-05	439914.4	3764438.7	237.9	3.49	10.23	3.25	YES
L0020081	0	0.15130E-05	439914.5	3764460.7	238.6	3.49	10.23	3.25	YES
L0020082	0	0.15130E-05	439914.6	3764482.7	238.8	3.49	10.23	3.25	YES

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 L0020083         0   0.15130E-05  439914.7 3764504.7   238.2     3.49    10.23
3.25     YES
 L0020084         0   0.15130E-05  439914.9 3764526.7   237.8     3.49    10.23
3.25     YES
 L0020085         0   0.15130E-05  439915.0 3764548.7   237.2     3.49    10.23
3.25     YES
 L0020086         0   0.15130E-05  439915.1 3764570.7   237.2     3.49    10.23
3.25     YES
 L0020087         0   0.15130E-05  439915.2 3764592.7   238.5     3.49    10.23
3.25     YES
 L0020088         0   0.15130E-05  439915.3 3764614.7   239.7     3.49    10.23
3.25     YES
 L0020089         0   0.15130E-05  439915.5 3764636.7   240.9     3.49    10.23
3.25     YES
 L0020090         0   0.15130E-05  439915.6 3764658.7   242.0     3.49    10.23
3.25     YES
 L0020091         0   0.15130E-05  439915.7 3764680.7   242.5     3.49    10.23
3.25     YES
 L0020092         0   0.15130E-05  439915.8 3764702.7   243.0     3.49    10.23
3.25     YES
 L0020093         0   0.15130E-05  439915.9 3764724.7   243.4     3.49    10.23
3.25     YES
 L0020094         0   0.15130E-05  439916.0 3764746.7   243.9     3.49    10.23
3.25     YES
 L0020095         0   0.15130E-05  439916.2 3764768.7   244.4     3.49    10.23
3.25     YES
 L0020096         0   0.15130E-05  439916.3 3764790.7   244.9     3.49    10.23
3.25     YES
 L0020097         0   0.15130E-05  439916.4 3764812.7   245.4     3.49    10.23
3.25     YES
 L0020098         0   0.15130E-05  439916.5 3764834.7   245.9     3.49    10.23
3.25     YES
 L0020099         0   0.15130E-05  439916.6 3764856.7   245.8     3.49    10.23
3.25     YES
 L0020100         0   0.15130E-05  439916.8 3764878.7   245.6     3.49    10.23
3.25     YES
 L0020101         0   0.15130E-05  439916.9 3764900.7   245.3     3.49    10.23
3.25     YES
 L0020102         0   0.15130E-05  439917.0 3764922.7   245.1     3.49    10.23
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                          ***       16:53:40

                                    PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0020103	0	0.15130E-05	439917.1	3764944.7	244.5	3.49	10.23	3.25	YES	
L0020104	0	0.15130E-05	439917.2	3764966.7	243.6	3.49	10.23	3.25	YES	
L0020105	0	0.15130E-05	439917.4	3764988.7	242.6	3.49	10.23	3.25	YES	
L0020106	0	0.15130E-05	439917.5	3765010.7	241.7	3.49	10.23	3.25	YES	
L0020107	0	0.15130E-05	439917.6	3765032.7	241.1	3.49	10.23	3.25	YES	
L0020108	0	0.15130E-05	439917.7	3765054.7	241.4	3.49	10.23	3.25	YES	
L0020109	0	0.15130E-05	439917.8	3765076.7	241.6	3.49	10.23	3.25	YES	
L0020110	0	0.15130E-05	439918.0	3765098.7	241.8	3.49	10.23	3.25	YES	
L0020111	0	0.15130E-05	439918.1	3765120.7	242.1	3.49	10.23	3.25	YES	
L0020112	0	0.15130E-05	439918.2	3765142.7	243.1	3.49	10.23	3.25	YES	
L0020113	0	0.15130E-05	439918.3	3765164.7	244.0	3.49	10.23	3.25	YES	
L0020114	0	0.15130E-05	439918.4	3765186.7	245.0	3.49	10.23	3.25	YES	
L0020115	0	0.15130E-05	439918.6	3765208.7	245.9	3.49	10.23	3.25	YES	
L0020116	0	0.15130E-05	439918.7	3765230.7	245.8	3.49	10.23	3.25	YES	
L0020117	0	0.15130E-05	439918.8	3765252.7	245.5	3.49	10.23	3.25	YES	
L0020118	0	0.15130E-05	439918.9	3765274.7	245.3	3.49	10.23	3.25	YES	
L0020119	0	0.15130E-05	439919.0	3765296.7	245.0	3.49	10.23	3.25	YES	
L0020120	0	0.15130E-05	439919.1	3765318.7	244.8	3.49	10.23	3.25	YES	

L0020121	0	0.15130E-05	439919.3	3765340.7	244.6	3.49	10.23	3.25 YES
L0020122	0	0.15130E-05	439919.4	3765362.7	244.4	3.49	10.23	3.25 YES
L0020123	0	0.15130E-05	439919.5	3765384.7	244.2	3.49	10.23	3.25 YES
L0020124	0	0.15130E-05	439919.6	3765406.7	244.4	3.49	10.23	3.25 YES
L0020125	0	0.15130E-05	439919.7	3765428.7	245.1	3.49	10.23	3.25 YES
L0020126	0	0.15130E-05	439919.9	3765450.7	245.9	3.49	10.23	3.25 YES
L0020127	0	0.15130E-05	439920.0	3765472.7	246.6	3.49	10.23	3.25 YES
L0020128	0	0.15130E-05	439920.1	3765494.7	247.8	3.49	10.23	3.25 YES
L0020129	0	0.15130E-05	439920.2	3765516.7	250.1	3.49	10.23	3.25 YES
L0020130	0	0.15130E-05	439920.3	3765538.7	252.5	3.49	10.23	3.25 YES
L0020131	0	0.15130E-05	439920.5	3765560.7	254.8	3.49	10.23	3.25 YES
L0020132	0	0.15130E-05	439920.6	3765582.7	256.9	3.49	10.23	3.25 YES
L0020133	0	0.15130E-05	439920.7	3765604.7	256.2	3.49	10.23	3.25 YES
L0020134	0	0.15130E-05	439920.8	3765626.7	255.5	3.49	10.23	3.25 YES
L0020135	0	0.15130E-05	439920.9	3765648.7	254.8	3.49	10.23	3.25 YES
L0020136	0	0.15130E-05	439921.1	3765670.7	254.1	3.49	10.23	3.25 YES
L0020137	0	0.15130E-05	439921.2	3765692.7	255.3	3.49	10.23	3.25 YES
L0020138	0	0.15130E-05	439921.3	3765714.7	256.7	3.49	10.23	3.25 YES
L0020139	0	0.15130E-05	439921.4	3765736.7	258.2	3.49	10.23	3.25 YES
L0020140	0	0.18380E-05	443950.6	3760468.9	207.9	3.49	7.44	3.25 YES
L0020141	0	0.18380E-05	443966.6	3760468.0	207.8	3.49	7.44	3.25 YES
L0020142	0	0.18380E-05	443982.6	3760467.1	207.4	3.49	7.44	3.25 YES

*** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\12004 HRA\2025 HRA\2025 HRA.ISC *** 01/10/20
*** AERMET - VERSION 16216 *** *** *** 16:53:40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0020143	0	0.18380E-05	443998.5	3760466.0	207.0	3.49	7.44	3.25	YES	
L0020144	0	0.18380E-05	444014.1	3760462.6	206.5	3.49	7.44	3.25	YES	
L0020145	0	0.18380E-05	444029.8	3760459.3	206.1	3.49	7.44	3.25	YES	
L0020146	0	0.18380E-05	444044.9	3760453.9	205.8	3.49	7.44	3.25	YES	
L0020147	0	0.18380E-05	444059.9	3760448.5	205.7	3.49	7.44	3.25	YES	
L0020148	0	0.18380E-05	444075.0	3760443.1	205.7	3.49	7.44	3.25	YES	
L0020149	0	0.18380E-05	444090.0	3760437.6	205.6	3.49	7.44	3.25	YES	
L0020150	0	0.18380E-05	444104.9	3760431.9	205.6	3.49	7.44	3.25	YES	
L0020151	0	0.18380E-05	444119.9	3760426.1	205.5	3.49	7.44	3.25	YES	
L0020152	0	0.18380E-05	444134.8	3760420.3	205.7	3.49	7.44	3.25	YES	
L0020153	0	0.18380E-05	444150.2	3760416.5	205.8	3.49	7.44	3.25	YES	
L0020154	0	0.18380E-05	444166.0	3760413.9	206.0	3.49	7.44	3.25	YES	
L0020155	0	0.18380E-05	444181.8	3760411.2	206.2	3.49	7.44	3.25	YES	
L0020156	0	0.18380E-05	444197.6	3760409.2	206.3	3.49	7.44	3.25	YES	
L0020157	0	0.18380E-05	444213.6	3760409.3	206.4	3.49	7.44	3.25	YES	
L0020158	0	0.18380E-05	444229.6	3760409.4	206.5	3.49	7.44	3.25	YES	

L0020159	0	0.18380E-05	444245.6	3760409.5	206.5	3.49	7.44	3.25 YES
L0020160	0	0.18380E-05	444261.6	3760409.6	206.6	3.49	7.44	3.25 YES
L0020161	0	0.18380E-05	444277.6	3760409.7	206.7	3.49	7.44	3.25 YES
L0020162	0	0.18380E-05	444293.6	3760409.8	206.9	3.49	7.44	3.25 YES
L0020163	0	0.18380E-05	444309.6	3760409.9	207.0	3.49	7.44	3.25 YES
L0020164	0	0.18380E-05	444325.6	3760410.0	207.1	3.49	7.44	3.25 YES
L0020165	0	0.18380E-05	444341.6	3760410.1	207.3	3.49	7.44	3.25 YES
L0020166	0	0.18380E-05	444357.6	3760410.4	207.3	3.49	7.44	3.25 YES
L0020167	0	0.18380E-05	444373.6	3760410.9	207.3	3.49	7.44	3.25 YES
L0020168	0	0.18380E-05	444389.6	3760411.3	207.4	3.49	7.44	3.25 YES
L0020169	0	0.18380E-05	444405.6	3760411.7	207.4	3.49	7.44	3.25 YES
L0020170	0	0.18380E-05	444421.6	3760412.1	207.4	3.49	7.44	3.25 YES
L0020171	0	0.18380E-05	444437.6	3760412.5	207.4	3.49	7.44	3.25 YES
L0020172	0	0.18380E-05	444453.6	3760412.9	207.4	3.49	7.44	3.25 YES
L0020173	0	0.18380E-05	444469.6	3760413.0	207.4	3.49	7.44	3.25 YES
L0020174	0	0.18380E-05	444485.6	3760412.7	207.4	3.49	7.44	3.25 YES
L0020175	0	0.18380E-05	444501.6	3760412.4	207.4	3.49	7.44	3.25 YES
L0020176	0	0.18380E-05	444517.6	3760412.1	206.8	3.49	7.44	3.25 YES
L0020177	0	0.18380E-05	444533.6	3760411.8	206.2	3.49	7.44	3.25 YES
L0020178	0	0.18380E-05	444549.6	3760411.5	205.5	3.49	7.44	3.25 YES
L0020179	0	0.18380E-05	444565.6	3760411.2	204.9	3.49	7.44	3.25 YES
L0020180	0	0.18380E-05	444581.6	3760410.9	204.4	3.49	7.44	3.25 YES
L0020181	0	0.18380E-05	444597.6	3760410.6	204.3	3.49	7.44	3.25 YES
L0020182	0	0.18380E-05	444613.6	3760410.3	204.2	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0020183	0	0.18380E-05	444629.6	3760410.0	204.1	3.49	7.44	3.25	YES	
L0020184	0	0.18380E-05	444645.5	3760409.7	204.1	3.49	7.44	3.25	YES	
L0020185	0	0.18380E-05	444661.5	3760409.4	204.0	3.49	7.44	3.25	YES	
L0020186	0	0.18380E-05	444677.5	3760409.1	204.1	3.49	7.44	3.25	YES	
L0020187	0	0.18380E-05	444693.5	3760408.8	204.2	3.49	7.44	3.25	YES	
L0020188	0	0.18380E-05	444709.5	3760408.5	204.2	3.49	7.44	3.25	YES	
L0020189	0	0.18380E-05	444725.5	3760408.2	204.3	3.49	7.44	3.25	YES	
L0020190	0	0.18380E-05	444741.5	3760408.0	204.3	3.49	7.44	3.25	YES	
L0020191	0	0.18380E-05	444757.5	3760407.9	204.3	3.49	7.44	3.25	YES	
L0020192	0	0.18380E-05	444773.5	3760407.7	204.3	3.49	7.44	3.25	YES	
L0020193	0	0.18380E-05	444789.5	3760407.6	204.3	3.49	7.44	3.25	YES	
L0020194	0	0.18380E-05	444805.5	3760407.4	204.3	3.49	7.44	3.25	YES	
L0020195	0	0.18380E-05	444821.5	3760407.3	204.5	3.49	7.44	3.25	YES	
L0020196	0	0.18380E-05	444837.5	3760407.2	204.7	3.49	7.44	3.25	YES	

L0020197	0	0.18380E-05	444853.5	3760407.0	204.9	3.49	7.44	3.25 YES
L0020198	0	0.18380E-05	444869.5	3760406.9	205.1	3.49	7.44	3.25 YES
L0020199	0	0.18380E-05	444885.5	3760406.7	205.3	3.49	7.44	3.25 YES
L0020200	0	0.18380E-05	444901.5	3760406.6	205.3	3.49	7.44	3.25 YES
L0020201	0	0.18380E-05	444917.5	3760406.5	205.3	3.49	7.44	3.25 YES
L0020202	0	0.18380E-05	444933.5	3760406.3	205.3	3.49	7.44	3.25 YES
L0020203	0	0.18380E-05	444949.5	3760406.2	205.3	3.49	7.44	3.25 YES
L0020204	0	0.18380E-05	444965.5	3760406.0	205.3	3.49	7.44	3.25 YES
L0020205	0	0.18380E-05	444981.5	3760405.9	205.6	3.49	7.44	3.25 YES
L0020206	0	0.18380E-05	444997.5	3760405.8	205.8	3.49	7.44	3.25 YES
L0020207	0	0.18380E-05	445013.5	3760405.6	206.0	3.49	7.44	3.25 YES
L0020208	0	0.18380E-05	445029.5	3760405.5	206.2	3.49	7.44	3.25 YES
L0020209	0	0.18380E-05	445045.5	3760405.3	206.4	3.49	7.44	3.25 YES
L0020210	0	0.18380E-05	445061.5	3760405.2	206.6	3.49	7.44	3.25 YES
L0020211	0	0.18380E-05	445077.5	3760405.1	206.8	3.49	7.44	3.25 YES
L0020212	0	0.18380E-05	445093.5	3760404.9	207.0	3.49	7.44	3.25 YES
L0020213	0	0.18380E-05	445109.5	3760404.8	207.2	3.49	7.44	3.25 YES
L0020214	0	0.18380E-05	445125.5	3760404.6	207.1	3.49	7.44	3.25 YES
L0020215	0	0.18380E-05	445141.5	3760404.5	206.7	3.49	7.44	3.25 YES
L0020216	0	0.18380E-05	445157.5	3760404.4	206.3	3.49	7.44	3.25 YES
L0020217	0	0.18380E-05	445173.5	3760404.2	205.9	3.49	7.44	3.25 YES
L0020218	0	0.73210E-06	445195.5	3760425.0	205.6	3.49	7.44	3.25 YES
L0020219	0	0.73210E-06	445195.6	3760441.0	205.7	3.49	7.44	3.25 YES
L0020220	0	0.73210E-06	445195.7	3760457.0	205.9	3.49	7.44	3.25 YES

 L0020221   0   0.73210E-06 445195.8 3760473.0   206.0   3.49   7.44
3.25   YES
 L0020222   0   0.73210E-06 445195.9 3760489.0   206.0   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0020223   0   0.73210E-06 445196.0 3760505.0   206.0   3.49   7.44
3.25   YES
 L0020224   0   0.73210E-06 445196.1 3760521.0   206.0   3.49   7.44
3.25   YES
 L0020225   0   0.73210E-06 445196.3 3760537.0   206.0   3.49   7.44
3.25   YES
 L0020226   0   0.73210E-06 445196.4 3760553.0   206.0   3.49   7.44
3.25   YES
 L0020227   0   0.73210E-06 445196.5 3760569.0   206.0   3.49   7.44
3.25   YES
 L0020228   0   0.73210E-06 445196.6 3760585.0   206.0   3.49   7.44
3.25   YES
 L0020229   0   0.73210E-06 445196.7 3760601.0   206.0   3.49   7.44
3.25   YES
 L0020230   0   0.73210E-06 445196.8 3760617.0   206.0   3.49   7.44
3.25   YES
 L0020231   0   0.73210E-06 445196.9 3760633.0   206.0   3.49   7.44
3.25   YES
 L0020232   0   0.73210E-06 445197.0 3760649.0   206.0   3.49   7.44
3.25   YES
 L0020233   0   0.73210E-06 445197.1 3760665.0   206.2   3.49   7.44
3.25   YES
 L0020234   0   0.73210E-06 445197.2 3760681.0   206.3   3.49   7.44
3.25   YES

L0020235	0	0.73210E-06	445197.3	3760697.0	206.5	3.49	7.44	3.25 YES
L0020236	0	0.73210E-06	445197.4	3760713.0	206.7	3.49	7.44	3.25 YES
L0020237	0	0.73210E-06	445197.5	3760729.0	206.8	3.49	7.44	3.25 YES
L0020238	0	0.73210E-06	445197.6	3760745.0	207.0	3.49	7.44	3.25 YES
L0020239	0	0.73210E-06	445197.8	3760761.0	207.0	3.49	7.44	3.25 YES
L0020240	0	0.73210E-06	445197.9	3760777.0	207.0	3.49	7.44	3.25 YES
L0020241	0	0.73210E-06	445198.0	3760793.0	207.0	3.49	7.44	3.25 YES
L0020242	0	0.73210E-06	445198.1	3760809.0	207.0	3.49	7.44	3.25 YES
L0020243	0	0.73210E-06	445198.2	3760825.0	207.0	3.49	7.44	3.25 YES
L0020244	0	0.73210E-06	445198.3	3760841.0	207.0	3.49	7.44	3.25 YES
L0020245	0	0.73210E-06	445198.4	3760857.0	207.0	3.49	7.44	3.25 YES
L0020246	0	0.73210E-06	445198.5	3760873.0	207.0	3.49	7.44	3.25 YES
L0020247	0	0.73210E-06	445198.6	3760889.0	207.0	3.49	7.44	3.25 YES
L0020248	0	0.73210E-06	445198.7	3760905.0	207.0	3.49	7.44	3.25 YES
L0020249	0	0.73210E-06	445198.8	3760921.0	207.0	3.49	7.44	3.25 YES
L0020250	0	0.73210E-06	445198.9	3760937.0	207.0	3.49	7.44	3.25 YES
L0020251	0	0.73210E-06	445199.0	3760953.0	207.0	3.49	7.44	3.25 YES
L0020252	0	0.73210E-06	445199.1	3760969.0	207.0	3.49	7.44	3.25 YES
L0020253	0	0.73210E-06	445199.2	3760985.0	207.0	3.49	7.44	3.25 YES
L0020254	0	0.73210E-06	445199.4	3761001.0	207.0	3.49	7.44	3.25 YES
L0020255	0	0.73210E-06	445199.5	3761017.0	207.0	3.49	7.44	3.25 YES
L0020256	0	0.73210E-06	445199.6	3761033.0	207.1	3.49	7.44	3.25 YES
L0020257	0	0.73210E-06	445199.7	3761049.0	207.3	3.49	7.44	3.25 YES
L0020258	0	0.73210E-06	445199.8	3761065.0	207.5	3.49	7.44	3.25 YES

 L0020259   0   0.73210E-06 445199.9 3761081.0   207.7   3.49   7.44
3.25   YES
 L0020260   0   0.73210E-06 445200.0 3761097.0   207.8   3.49   7.44
3.25   YES
 L0020261   0   0.73210E-06 445200.1 3761113.0   208.0   3.49   7.44
3.25   YES
 L0020262   0   0.73210E-06 445200.2 3761129.0   208.0   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0020263   0   0.73210E-06 445200.3 3761145.0   208.0   3.49   7.44
3.25   YES
 L0020264   0   0.73210E-06 445200.4 3761161.0   208.0   3.49   7.44
3.25   YES
 L0020265   0   0.73210E-06 445200.5 3761177.0   208.0   3.49   7.44
3.25   YES
 L0020266   0   0.73210E-06 445200.6 3761193.0   208.0   3.49   7.44
3.25   YES
 L0020267   0   0.73210E-06 445200.7 3761209.0   208.0   3.49   7.44
3.25   YES
 L0020268   0   0.73210E-06 445200.9 3761225.0   208.2   3.49   7.44
3.25   YES
 L0020269   0   0.73210E-06 445201.0 3761241.0   208.4   3.49   7.44
3.25   YES
 L0020270   0   0.73210E-06 445201.1 3761257.0   208.6   3.49   7.44
3.25   YES
 L0020271   0   0.73210E-06 445201.2 3761273.0   208.7   3.49   7.44
3.25   YES
 L0020272   0   0.73210E-06 445201.3 3761289.0   208.9   3.49   7.44
3.25   YES

L0020273	0	0.73210E-06	445201.4	3761305.0	209.1	3.49	7.44	3.25 YES
L0020274	0	0.73210E-06	445201.5	3761321.0	209.3	3.49	7.44	3.25 YES
L0020275	0	0.73210E-06	445201.6	3761337.0	209.4	3.49	7.44	3.25 YES
L0020276	0	0.73210E-06	445201.7	3761353.0	209.6	3.49	7.44	3.25 YES
L0020277	0	0.73210E-06	445201.8	3761369.0	209.8	3.49	7.44	3.25 YES
L0020278	0	0.73210E-06	445201.9	3761385.0	210.0	3.49	7.44	3.25 YES
L0020279	0	0.73210E-06	445202.0	3761401.0	210.0	3.49	7.44	3.25 YES
L0020280	0	0.73210E-06	445202.1	3761417.0	210.0	3.49	7.44	3.25 YES
L0020281	0	0.73210E-06	445202.2	3761433.0	210.0	3.49	7.44	3.25 YES
L0020282	0	0.73210E-06	445202.4	3761449.0	210.0	3.49	7.44	3.25 YES
L0020283	0	0.73210E-06	445202.5	3761465.0	210.0	3.49	7.44	3.25 YES
L0020284	0	0.73210E-06	445202.6	3761481.0	210.0	3.49	7.44	3.25 YES
L0020285	0	0.73210E-06	445202.7	3761497.0	210.0	3.49	7.44	3.25 YES
L0020286	0	0.73210E-06	445202.8	3761513.0	210.0	3.49	7.44	3.25 YES
L0020287	0	0.73210E-06	445202.9	3761529.0	210.0	3.49	7.44	3.25 YES
L0020288	0	0.73210E-06	445203.0	3761545.0	210.0	3.49	7.44	3.25 YES
L0020289	0	0.73210E-06	445203.1	3761561.0	210.0	3.49	7.44	3.25 YES
L0020290	0	0.73210E-06	445203.2	3761577.0	210.0	3.49	7.44	3.25 YES
L0020291	0	0.73210E-06	445203.3	3761593.0	210.2	3.49	7.44	3.25 YES
L0020292	0	0.73210E-06	445203.4	3761609.0	210.4	3.49	7.44	3.25 YES
L0020293	0	0.73210E-06	445203.5	3761625.0	210.6	3.49	7.44	3.25 YES
L0020294	0	0.73210E-06	445203.6	3761641.0	210.7	3.49	7.44	3.25 YES
L0020295	0	0.73210E-06	445203.7	3761657.0	210.9	3.49	7.44	3.25 YES
L0020296	0	0.73210E-06	445203.8	3761673.0	211.0	3.49	7.44	3.25 YES

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 L0020297         0   0.73210E-06  445204.0 3761689.0   210.8     3.49     7.44
3.25     YES
 L0020298         0   0.73210E-06  445204.1 3761705.0   210.6     3.49     7.44
3.25     YES
 L0020299         0   0.73210E-06  445204.2 3761721.0   210.5     3.49     7.44
3.25     YES
 L0020300         0   0.73210E-06  445204.3 3761737.0   210.3     3.49     7.44
3.25     YES
 L0020301         0   0.73210E-06  445204.4 3761753.0   210.1     3.49     7.44
3.25     YES
 L0020302         0   0.73210E-06  445204.5 3761769.0   210.1     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:53:40

                                  PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0020303         0   0.73210E-06  445204.6 3761785.0   210.3     3.49     7.44
3.25     YES
 L0020304         0   0.73210E-06  445204.7 3761801.0   210.5     3.49     7.44
3.25     YES
 L0020305         0   0.73210E-06  445204.8 3761817.0   210.7     3.49     7.44
3.25     YES
 L0020306         0   0.73210E-06  445204.9 3761833.0   210.8     3.49     7.44
3.25     YES
 L0020307         0   0.73210E-06  445205.0 3761849.0   211.0     3.49     7.44
3.25     YES
 L0020308         0   0.73210E-06  445205.1 3761865.0   211.1     3.49     7.44
3.25     YES
 L0020309         0   0.73210E-06  445205.2 3761881.0   211.1     3.49     7.44
3.25     YES
 L0020310         0   0.73210E-06  445205.3 3761897.0   211.1     3.49     7.44
3.25     YES
```

L0020311	0	0.73210E-06	445205.5	3761913.0	211.1	3.49	7.44	3.25 YES
L0020312	0	0.73210E-06	445205.6	3761929.0	211.1	3.49	7.44	3.25 YES
L0020313	0	0.73210E-06	445205.7	3761945.0	211.1	3.49	7.44	3.25 YES
L0020314	0	0.73210E-06	445205.8	3761961.0	211.2	3.49	7.44	3.25 YES
L0020315	0	0.73210E-06	445205.9	3761977.0	211.4	3.49	7.44	3.25 YES
L0020316	0	0.73210E-06	445206.0	3761993.0	211.6	3.49	7.44	3.25 YES
L0020317	0	0.73210E-06	445206.9	3762008.1	211.8	3.49	7.44	3.25 YES
L0020318	0	0.73210E-06	445222.9	3762007.8	212.4	3.49	7.44	3.25 YES
L0020319	0	0.73210E-06	445238.9	3762007.5	213.0	3.49	7.44	3.25 YES
L0020320	0	0.73210E-06	445254.9	3762007.2	213.6	3.49	7.44	3.25 YES
L0020321	0	0.73210E-06	445270.9	3762006.9	214.2	3.49	7.44	3.25 YES
L0020322	0	0.73210E-06	445286.9	3762006.6	214.8	3.49	7.44	3.25 YES
L0020323	0	0.73210E-06	445302.9	3762006.3	215.2	3.49	7.44	3.25 YES
L0020324	0	0.73210E-06	445318.9	3762006.0	215.6	3.49	7.44	3.25 YES
L0020325	0	0.73210E-06	445334.9	3762005.7	216.1	3.49	7.44	3.25 YES
L0020326	0	0.73210E-06	445350.9	3762005.4	216.5	3.49	7.44	3.25 YES
L0020327	0	0.73210E-06	445366.9	3762005.1	216.8	3.49	7.44	3.25 YES
L0020328	0	0.73210E-06	445382.9	3762004.8	217.0	3.49	7.44	3.25 YES
L0020329	0	0.73210E-06	445398.9	3762004.5	217.2	3.49	7.44	3.25 YES
L0020330	0	0.73210E-06	445414.9	3762004.2	217.4	3.49	7.44	3.25 YES
L0020331	0	0.73210E-06	445430.9	3762003.9	217.6	3.49	7.44	3.25 YES
L0020332	0	0.73210E-06	445446.9	3762003.6	217.7	3.49	7.44	3.25 YES
L0020333	0	0.73210E-06	445462.9	3762003.3	217.7	3.49	7.44	3.25 YES
L0020334	0	0.73210E-06	445478.9	3762003.0	217.6	3.49	7.44	3.25 YES

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 L0020335         0   0.73210E-06  445494.9 3762002.6   217.6     3.49     7.44
3.25     YES
 L0020336         0   0.73210E-06  445510.9 3762002.3   217.6     3.49     7.44
3.25     YES
 L0020337         0   0.73210E-06  445526.9 3762002.0   217.5     3.49     7.44
3.25     YES
 L0020338         0   0.73210E-06  445542.9 3762001.7   217.4     3.49     7.44
3.25     YES
 L0020339         0   0.73210E-06  445558.9 3762001.4   217.2     3.49     7.44
3.25     YES
 L0020340         0   0.73210E-06  445574.8 3762001.1   217.1     3.49     7.44
3.25     YES
 L0020341         0   0.73210E-06  445590.8 3762000.8   217.0     3.49     7.44
3.25     YES
 L0020342         0   0.73210E-06  445606.8 3762000.5   216.8     3.49     7.44
3.25     YES
```



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                                                      *** VOLUME SOURCE DATA ***

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

 L0020343         0   0.73210E-06  445622.8 3762000.2   216.6     3.49     7.44
3.25     YES
 L0020344         0   0.73210E-06  445638.8 3761999.9   216.4     3.49     7.44
3.25     YES
 L0020345         0   0.73210E-06  445654.8 3761999.6   216.2     3.49     7.44
3.25     YES
 L0020346         0   0.73210E-06  445670.8 3761999.3   216.0     3.49     7.44
3.25     YES
 L0020347         0   0.73210E-06  445686.8 3761999.0   216.2     3.49     7.44
3.25     YES
 L0020348         0   0.73210E-06  445702.8 3761998.7   216.3     3.49     7.44
3.25     YES
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L0020349	0	0.73210E-06	445718.8	3761998.4	216.4	3.49	7.44	3.25 YES
L0020350	0	0.73210E-06	445734.8	3761998.1	216.5	3.49	7.44	3.25 YES
L0020351	0	0.73210E-06	445750.8	3761997.8	216.7	3.49	7.44	3.25 YES
L0020352	0	0.73210E-06	445766.8	3761997.5	216.9	3.49	7.44	3.25 YES
L0020353	0	0.73210E-06	445782.8	3761997.2	217.1	3.49	7.44	3.25 YES
L0020354	0	0.73210E-06	445798.8	3761996.8	217.3	3.49	7.44	3.25 YES
L0020355	0	0.73210E-06	445814.8	3761996.5	217.5	3.49	7.44	3.25 YES
L0020356	0	0.73210E-06	445830.8	3761996.2	217.6	3.49	7.44	3.25 YES
L0020357	0	0.73210E-06	445846.8	3761995.9	217.6	3.49	7.44	3.25 YES
L0020358	0	0.73210E-06	445862.8	3761995.6	217.6	3.49	7.44	3.25 YES
L0020359	0	0.73210E-06	445878.8	3761995.3	217.6	3.49	7.44	3.25 YES
L0020360	0	0.73210E-06	445894.8	3761995.0	217.6	3.49	7.44	3.25 YES
L0020361	0	0.73210E-06	445910.8	3761995.4	217.8	3.49	7.44	3.25 YES
L0020362	0	0.73210E-06	445926.7	3761996.5	218.0	3.49	7.44	3.25 YES
L0020363	0	0.73210E-06	445942.7	3761997.7	218.2	3.49	7.44	3.25 YES
L0020364	0	0.73210E-06	445958.6	3761998.8	218.4	3.49	7.44	3.25 YES
L0020365	0	0.73210E-06	445974.6	3762000.0	218.6	3.49	7.44	3.25 YES
L0020366	0	0.73210E-06	445990.6	3762001.1	218.6	3.49	7.44	3.25 YES
L0020367	0	0.73210E-06	446006.5	3762002.2	218.5	3.49	7.44	3.25 YES
L0020368	0	0.73210E-06	446022.5	3762003.4	218.5	3.49	7.44	3.25 YES
L0020369	0	0.73210E-06	446038.4	3762004.5	218.4	3.49	7.44	3.25 YES
L0020370	0	0.73210E-06	446054.2	3762006.4	218.2	3.49	7.44	3.25 YES
L0020371	0	0.73210E-06	446068.7	3762013.3	217.9	3.49	7.44	3.25 YES
L0020372	0	0.73210E-06	446083.1	3762020.1	217.6	3.49	7.44	3.25 YES

 L0020373   0   0.73210E-06 446097.6 3762026.9   217.4   3.49   7.44
3.25   YES
 L0020374   0   0.73210E-06 446112.1 3762033.7   217.2   3.49   7.44
3.25   YES
 L0020375   0   0.73210E-06 446126.6 3762040.5   217.1   3.49   7.44
3.25   YES
 L0020376   0   0.73210E-06 446141.0 3762047.4   216.8   3.49   7.44
3.25   YES
 L0020377   0   0.73210E-06 446155.5 3762054.2   216.5   3.49   7.44
3.25   YES
 L0020378   0   0.73210E-06 446170.0 3762061.0   216.2   3.49   7.44
3.25   YES
 L0020379   0   0.73210E-06 446184.5 3762067.8   215.9   3.49   7.44
3.25   YES
 L0020380   0   0.73210E-06 446198.9 3762074.7   215.6   3.49   7.44
3.25   YES
 L0020381   0   0.73210E-06 446213.4 3762081.5   215.6   3.49   7.44
3.25   YES
 L0020382   0   0.73210E-06 446227.9 3762088.3   215.9   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0020383   0   0.73210E-06 446242.0 3762095.8   216.2   3.49   7.44
3.25   YES
 L0020384   0   0.73210E-06 446255.0 3762105.1   216.4   3.49   7.44
3.25   YES
 L0020385   0   0.73210E-06 446268.0 3762114.3   216.7   3.49   7.44
3.25   YES
 L0020386   0   0.73210E-06 446281.1 3762123.6   217.0   3.49   7.44
3.25   YES

L0020387	0	0.73210E-06	446294.1	3762132.9	217.4	3.49	7.44	3.25 YES
L0020388	0	0.73210E-06	446307.1	3762142.2	217.8	3.49	7.44	3.25 YES
L0020389	0	0.73210E-06	446320.2	3762151.4	218.3	3.49	7.44	3.25 YES
L0020390	0	0.73210E-06	446333.2	3762160.7	218.7	3.49	7.44	3.25 YES
L0020391	0	0.73210E-06	446346.3	3762170.0	219.1	3.49	7.44	3.25 YES
L0020392	0	0.73210E-06	446359.3	3762179.3	219.6	3.49	7.44	3.25 YES
L0020393	0	0.73210E-06	446372.3	3762188.5	219.9	3.49	7.44	3.25 YES
L0020394	0	0.73210E-06	446385.4	3762197.8	220.1	3.49	7.44	3.25 YES
L0020395	0	0.73210E-06	446398.4	3762207.1	220.4	3.49	7.44	3.25 YES
L0020396	0	0.73210E-06	446411.5	3762216.4	220.7	3.49	7.44	3.25 YES
L0020397	0	0.73210E-06	446424.5	3762225.6	220.8	3.49	7.44	3.25 YES
L0020398	0	0.73210E-06	446437.5	3762234.9	221.0	3.49	7.44	3.25 YES
L0020399	0	0.73210E-06	446450.6	3762244.2	221.3	3.49	7.44	3.25 YES
L0020400	0	0.73210E-06	446463.6	3762253.4	221.7	3.49	7.44	3.25 YES
L0020401	0	0.73210E-06	446476.6	3762262.7	222.0	3.49	7.44	3.25 YES
L0020402	0	0.73210E-06	446489.7	3762272.0	222.4	3.49	7.44	3.25 YES
L0020403	0	0.73210E-06	446503.0	3762280.8	222.7	3.49	7.44	3.25 YES
L0020404	0	0.73210E-06	446516.7	3762289.1	223.0	3.49	7.44	3.25 YES
L0020405	0	0.73210E-06	446530.4	3762297.3	223.0	3.49	7.44	3.25 YES
L0020406	0	0.73210E-06	446544.1	3762305.6	223.0	3.49	7.44	3.25 YES
L0020407	0	0.73210E-06	446557.8	3762313.9	223.0	3.49	7.44	3.25 YES
L0020408	0	0.73210E-06	446571.5	3762322.1	223.0	3.49	7.44	3.25 YES
L0020409	0	0.73210E-06	446585.2	3762330.4	223.0	3.49	7.44	3.25 YES
L0020410	0	0.73210E-06	446598.9	3762338.6	223.1	3.49	7.44	3.25 YES

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 L0020411         0   0.73210E-06  446612.6 3762346.9   223.2     3.49     7.44
3.25     YES
 L0020412         0   0.73210E-06  446626.3 3762355.2   223.2     3.49     7.44
3.25     YES
 L0020413         0   0.73210E-06  446640.0 3762363.4   223.2     3.49     7.44
3.25     YES
 L0020414         0   0.73210E-06  446653.7 3762371.7   223.2     3.49     7.44
3.25     YES
 L0020415         0   0.73210E-06  446667.9 3762378.6   223.2     3.49     7.44
3.25     YES
 L0020416         0   0.73210E-06  446683.7 3762381.0   223.2     3.49     7.44
3.25     YES
 L0020417         0   0.73210E-06  446699.6 3762383.5   223.2     3.49     7.44
3.25     YES
 L0020418         0   0.73210E-06  446715.4 3762386.0   223.1     3.49     7.44
3.25     YES
 L0020419         0   0.73210E-06  446731.2 3762388.4   223.1     3.49     7.44
3.25     YES
 L0020420         0   0.73210E-06  446747.0 3762390.9   223.1     3.49     7.44
3.25     YES
 L0020421         0   0.73210E-06  446762.8 3762393.3   223.1     3.49     7.44
3.25     YES
 L0020422         0   0.73210E-06  446778.6 3762395.8   223.0     3.49     7.44
3.25     YES
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0020423         0   0.73210E-06  446794.5 3762396.7   223.0     3.49     7.44
3.25     YES
 L0020424         0   0.73210E-06  446810.5 3762396.8   223.0     3.49     7.44
3.25     YES
```

L0020425	0	0.73210E-06	446826.5	3762397.0	223.0	3.49	7.44	3.25 YES
L0020426	0	0.73210E-06	446842.5	3762397.1	223.0	3.49	7.44	3.25 YES
L0020427	0	0.73210E-06	446858.5	3762397.2	223.0	3.49	7.44	3.25 YES
L0020428	0	0.73210E-06	446874.5	3762397.4	223.0	3.49	7.44	3.25 YES
L0020429	0	0.73210E-06	446890.5	3762397.5	223.0	3.49	7.44	3.25 YES
L0020430	0	0.73210E-06	446906.5	3762397.6	223.1	3.49	7.44	3.25 YES
L0020431	0	0.73210E-06	446922.5	3762397.8	223.3	3.49	7.44	3.25 YES
L0020432	0	0.73210E-06	446938.5	3762397.9	223.5	3.49	7.44	3.25 YES
L0020433	0	0.73210E-06	446954.5	3762398.0	223.7	3.49	7.44	3.25 YES
L0020434	0	0.73210E-06	446970.5	3762398.2	223.9	3.49	7.44	3.25 YES
L0020435	0	0.73210E-06	446986.5	3762398.3	224.0	3.49	7.44	3.25 YES
L0020436	0	0.73210E-06	447002.5	3762398.4	223.9	3.49	7.44	3.25 YES
L0020437	0	0.73210E-06	447018.5	3762398.5	223.9	3.49	7.44	3.25 YES
L0020438	0	0.73210E-06	447034.5	3762398.7	223.9	3.49	7.44	3.25 YES
L0020439	0	0.73210E-06	447050.5	3762398.8	223.9	3.49	7.44	3.25 YES
L0020440	0	0.73210E-06	447066.5	3762398.9	223.7	3.49	7.44	3.25 YES
L0020441	0	0.73210E-06	447082.5	3762399.1	223.5	3.49	7.44	3.25 YES
L0020442	0	0.73210E-06	447098.5	3762399.2	223.3	3.49	7.44	3.25 YES
L0020443	0	0.73210E-06	447114.5	3762399.3	223.1	3.49	7.44	3.25 YES
L0020444	0	0.73210E-06	447130.5	3762399.1	222.9	3.49	7.44	3.25 YES
L0020445	0	0.73210E-06	447146.5	3762398.9	222.9	3.49	7.44	3.25 YES
L0020446	0	0.73210E-06	447162.5	3762398.7	222.9	3.49	7.44	3.25 YES
L0020447	0	0.73210E-06	447178.5	3762398.5	222.9	3.49	7.44	3.25 YES
L0020448	0	0.73210E-06	447194.5	3762398.3	222.9	3.49	7.44	3.25 YES

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 L0020449         0   0.73210E-06  447210.5 3762398.1   222.9     3.49     7.44
3.25     YES
 L0020450         0   0.73210E-06  447226.5 3762397.9   222.7     3.49     7.44
3.25     YES
 L0020451         0   0.73210E-06  447242.5 3762397.7   222.5     3.49     7.44
3.25     YES
 L0020452         0   0.73210E-06  447258.5 3762397.5   222.3     3.49     7.44
3.25     YES
 L0020453         0   0.73210E-06  447274.5 3762397.3   222.1     3.49     7.44
3.25     YES
 L0020454         0   0.73210E-06  447290.5 3762397.1   221.9     3.49     7.44
3.25     YES
 L0020455         0   0.73210E-06  447306.5 3762396.9   221.7     3.49     7.44
3.25     YES
 L0020456         0   0.73210E-06  447322.5 3762396.7   221.5     3.49     7.44
3.25     YES
 L0020457         0   0.73210E-06  447338.5 3762396.5   221.2     3.49     7.44
3.25     YES
 L0020458         0   0.73210E-06  447354.5 3762396.3   221.1     3.49     7.44
3.25     YES
 L0020459         0   0.73210E-06  447370.5 3762396.1   220.9     3.49     7.44
3.25     YES
 L0020460         0   0.73210E-06  447386.5 3762395.9   220.7     3.49     7.44
3.25     YES
 L0020461         0   0.73210E-06  447402.5 3762395.7   220.4     3.49     7.44
3.25     YES
 L0020462         0   0.73210E-06  447418.5 3762395.5   220.2     3.49     7.44
3.25     YES
↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:53:40

                                   PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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L0020463	0	0.73210E-06	447434.5	3762395.3	220.0	3.49	7.44	3.25 YES
L0020464	0	0.73210E-06	447450.5	3762395.1	219.8	3.49	7.44	3.25 YES
L0020465	0	0.73210E-06	447466.5	3762394.9	219.6	3.49	7.44	3.25 YES
L0020466	0	0.73210E-06	447482.5	3762394.7	219.4	3.49	7.44	3.25 YES
L0020467	0	0.73210E-06	447498.5	3762394.5	219.2	3.49	7.44	3.25 YES
L0020468	0	0.73210E-06	447514.5	3762394.3	219.0	3.49	7.44	3.25 YES
L0020469	0	0.73210E-06	447530.5	3762394.1	219.0	3.49	7.44	3.25 YES
L0020470	0	0.73210E-06	447546.5	3762393.9	219.0	3.49	7.44	3.25 YES
L0020471	0	0.73210E-06	447562.5	3762393.7	219.0	3.49	7.44	3.25 YES
L0020472	0	0.73210E-06	447578.5	3762393.5	219.0	3.49	7.44	3.25 YES
L0020473	0	0.73210E-06	447594.5	3762393.3	219.0	3.49	7.44	3.25 YES
L0020474	0	0.73210E-06	447610.5	3762393.1	219.2	3.49	7.44	3.25 YES
L0020475	0	0.73210E-06	447626.5	3762392.9	219.5	3.49	7.44	3.25 YES
L0020476	0	0.73210E-06	447642.5	3762392.7	219.7	3.49	7.44	3.25 YES
L0020477	0	0.73210E-06	447658.5	3762392.5	219.9	3.49	7.44	3.25 YES
L0020478	0	0.73210E-06	447674.5	3762392.3	220.1	3.49	7.44	3.25 YES
L0020479	0	0.73210E-06	447690.5	3762392.1	220.3	3.49	7.44	3.25 YES
L0020480	0	0.73210E-06	447706.5	3762391.9	220.5	3.49	7.44	3.25 YES
L0020481	0	0.73210E-06	447722.5	3762391.7	220.7	3.49	7.44	3.25 YES
L0020482	0	0.73210E-06	447738.5	3762391.5	220.9	3.49	7.44	3.25 YES
L0020483	0	0.73210E-06	447754.5	3762391.3	221.1	3.49	7.44	3.25 YES
L0020484	0	0.73210E-06	447770.5	3762391.1	221.3	3.49	7.44	3.25 YES
L0020485	0	0.73210E-06	447786.5	3762390.9	221.5	3.49	7.44	3.25 YES
L0020486	0	0.73210E-06	447802.5	3762390.7	221.7	3.49	7.44	3.25 YES

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 L0020487         0   0.73210E-06  447818.5 3762390.5   221.9     3.49     7.44
3.25     YES
 L0020488         0   0.73210E-06  447834.5 3762390.3   222.0     3.49     7.44
3.25     YES
 L0020489         0   0.73210E-06  447850.5 3762390.1   222.0     3.49     7.44
3.25     YES
 L0020490         0   0.73210E-06  447866.5 3762389.9   222.0     3.49     7.44
3.25     YES
 L0020491         0   0.73210E-06  447882.5 3762389.7   222.0     3.49     7.44
3.25     YES
 L0020492         0   0.73210E-06  447898.5 3762389.5   222.0     3.49     7.44
3.25     YES
 L0020493         0   0.73210E-06  447914.5 3762389.3   222.5     3.49     7.44
3.25     YES
 L0020494         0   0.73210E-06  447930.5 3762389.1   223.1     3.49     7.44
3.25     YES
 L0020495         0   0.73210E-06  447946.5 3762388.9   223.7     3.49     7.44
3.25     YES
 L0020496         0   0.73210E-06  447962.5 3762388.7   224.3     3.49     7.44
3.25     YES
 L0020497         0   0.73210E-06  447978.5 3762388.6   224.8     3.49     7.44
3.25     YES
 L0020498         0   0.73210E-06  447994.5 3762388.5   224.6     3.49     7.44
3.25     YES
 L0020499         0   0.73210E-06  448010.5 3762388.4   224.5     3.49     7.44
3.25     YES
 L0020500         0   0.73210E-06  448026.5 3762388.3   224.2     3.49     7.44
3.25     YES
 L0020501         0   0.73210E-06  448042.5 3762388.3   224.1     3.49     7.44
3.25     YES
 L0020502         0   0.73210E-06  448058.5 3762388.2   223.9     3.49     7.44
3.25     YES
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                        *** VOLUME SOURCE DATA ***

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

- - - -

L0020525	0	0.73210E-06	448426.5	3762386.4	221.2	3.49	7.44	3.25 YES
L0020526	0	0.73210E-06	448442.5	3762386.3	221.0	3.49	7.44	3.25 YES
L0020527	0	0.73210E-06	448458.5	3762386.3	220.8	3.49	7.44	3.25 YES
L0020528	0	0.73210E-06	448474.5	3762386.2	220.6	3.49	7.44	3.25 YES
L0020529	0	0.73210E-06	448490.5	3762386.1	220.4	3.49	7.44	3.25 YES
L0020530	0	0.73210E-06	448506.5	3762386.0	220.2	3.49	7.44	3.25 YES
L0020531	0	0.73210E-06	448522.4	3762386.4	220.0	3.49	7.44	3.25 YES
L0020532	0	0.73210E-06	448538.4	3762387.3	219.8	3.49	7.44	3.25 YES
L0020533	0	0.73210E-06	448554.4	3762388.3	219.5	3.49	7.44	3.25 YES
L0020534	0	0.73210E-06	448570.4	3762389.2	219.3	3.49	7.44	3.25 YES
L0020535	0	0.73210E-06	448586.3	3762390.2	219.1	3.49	7.44	3.25 YES
L0020536	0	0.73210E-06	448602.3	3762391.1	219.0	3.49	7.44	3.25 YES
L0020537	0	0.73210E-06	448618.3	3762392.1	219.0	3.49	7.44	3.25 YES
L0020538	0	0.73210E-06	448634.2	3762393.0	219.0	3.49	7.44	3.25 YES
L0020539	0	0.73210E-06	448650.2	3762394.0	219.1	3.49	7.44	3.25 YES
L0020540	0	0.73210E-06	448666.2	3762394.9	219.1	3.49	7.44	3.25 YES
L0020541	0	0.73210E-06	448682.2	3762395.9	219.1	3.49	7.44	3.25 YES
L0020542	0	0.73210E-06	448698.1	3762396.8	219.1	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE BASE RELEASE INIT.

INIT. SOURCE ID	URBAN PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE VARY BY
L0020543	0	0.73210E-06	448714.1	3762397.8	219.1	3.49	7.44	3.25	YES
L0020544	0	0.73210E-06	448730.1	3762398.7	219.1	3.49	7.44	3.25	YES
L0020545	0	0.73210E-06	448746.0	3762399.7	219.1	3.49	7.44	3.25	YES
L0020546	0	0.73210E-06	448762.0	3762400.6	219.2	3.49	7.44	3.25	YES
L0020547	0	0.73210E-06	448778.0	3762401.5	219.2	3.49	7.44	3.25	YES
L0020548	0	0.73210E-06	448793.4	3762405.1	219.3	3.49	7.44	3.25	YES
L0020549	0	0.73210E-06	448808.5	3762410.5	219.5	3.49	7.44	3.25	YES
L0020550	0	0.73210E-06	448823.5	3762415.9	219.6	3.49	7.44	3.25	YES
L0020551	0	0.73210E-06	448838.6	3762421.3	219.7	3.49	7.44	3.25	YES
L0020552	0	0.73210E-06	448853.6	3762426.8	219.8	3.49	7.44	3.25	YES
L0020553	0	0.73210E-06	448868.7	3762432.2	220.0	3.49	7.44	3.25	YES
L0020554	0	0.73210E-06	448883.8	3762437.6	220.2	3.49	7.44	3.25	YES
L0020555	0	0.73210E-06	448898.8	3762443.0	220.5	3.49	7.44	3.25	YES
L0020556	0	0.73210E-06	448913.9	3762448.5	220.5	3.49	7.44	3.25	YES
L0020557	0	0.73210E-06	448928.9	3762453.9	220.6	3.49	7.44	3.25	YES
L0020558	0	0.73210E-06	448944.0	3762459.3	220.6	3.49	7.44	3.25	YES
L0020559	0	0.73210E-06	448959.0	3762464.7	220.7	3.49	7.44	3.25	YES
L0020560	0	0.73210E-06	448974.1	3762470.2	220.7	3.49	7.44	3.25	YES
L0020561	0	0.73210E-06	448989.1	3762475.6	220.8	3.49	7.44	3.25	YES
L0020562	0	0.73210E-06	449004.2	3762481.0	220.6	3.49	7.44	3.25	YES

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 L0020563         0   0.73210E-06  449019.2 3762486.4   220.3     3.49     7.44
3.25     YES
 L0020564         0   0.73210E-06  449034.3 3762491.7   220.1     3.49     7.44
3.25     YES
 L0020565         0   0.73210E-06  449049.4 3762497.0   219.9     3.49     7.44
3.25     YES
 L0020566         0   0.73210E-06  449064.5 3762502.4   219.7     3.49     7.44
3.25     YES
 L0020567         0   0.73210E-06  449079.6 3762507.7   219.6     3.49     7.44
3.25     YES
 L0020568         0   0.73210E-06  449094.7 3762513.0   219.5     3.49     7.44
3.25     YES
 L0020569         0   0.73210E-06  449109.8 3762518.3   219.5     3.49     7.44
3.25     YES
 L0020570         0   0.73210E-06  449124.9 3762523.6   219.5     3.49     7.44
3.25     YES
 L0020571         0   0.73210E-06  449140.0 3762528.9   219.6     3.49     7.44
3.25     YES
 L0020572         0   0.73210E-06  449155.1 3762534.2   219.8     3.49     7.44
3.25     YES
 L0020573         0   0.73210E-06  449170.1 3762539.6   220.0     3.49     7.44
3.25     YES
 L0020574         0   0.73210E-06  449185.2 3762544.9   220.2     3.49     7.44
3.25     YES
 L0020575         0   0.73210E-06  449200.3 3762550.2   220.5     3.49     7.44
3.25     YES
 L0020576         0   0.73210E-06  449215.4 3762555.5   220.7     3.49     7.44
3.25     YES
 L0020577         0   0.73210E-06  449230.5 3762560.8   220.8     3.49     7.44
3.25     YES
 L0020578         0   0.73210E-06  449245.6 3762566.1   220.9     3.49     7.44
3.25     YES
 L0020579         0   0.73320E-06  445195.5 3760425.0   205.6     3.49     7.44
3.25     YES
 L0020580         0   0.73320E-06  445195.6 3760441.0   205.7     3.49     7.44
3.25     YES
 L0020581         0   0.73320E-06  445195.7 3760457.0   205.9     3.49     7.44
3.25     YES
 L0020582         0   0.73320E-06  445195.8 3760473.0   206.0     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                          ***       16:53:40

                                    PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0020583	0	0.73320E-06	445195.9	3760489.0	206.0	3.49	7.44	3.25	YES
L0020584	0	0.73320E-06	445196.0	3760505.0	206.0	3.49	7.44	3.25	YES
L0020585	0	0.73320E-06	445196.1	3760521.0	206.0	3.49	7.44	3.25	YES
L0020586	0	0.73320E-06	445196.3	3760537.0	206.0	3.49	7.44	3.25	YES
L0020587	0	0.73320E-06	445196.4	3760553.0	206.0	3.49	7.44	3.25	YES
L0020588	0	0.73320E-06	445196.5	3760569.0	206.0	3.49	7.44	3.25	YES
L0020589	0	0.73320E-06	445196.6	3760585.0	206.0	3.49	7.44	3.25	YES
L0020590	0	0.73320E-06	445196.7	3760601.0	206.0	3.49	7.44	3.25	YES
L0020591	0	0.73320E-06	445196.8	3760617.0	206.0	3.49	7.44	3.25	YES
L0020592	0	0.73320E-06	445196.9	3760633.0	206.0	3.49	7.44	3.25	YES
L0020593	0	0.73320E-06	445197.0	3760649.0	206.0	3.49	7.44	3.25	YES
L0020594	0	0.73320E-06	445197.1	3760665.0	206.2	3.49	7.44	3.25	YES
L0020595	0	0.73320E-06	445197.2	3760681.0	206.3	3.49	7.44	3.25	YES
L0020596	0	0.73320E-06	445197.3	3760697.0	206.5	3.49	7.44	3.25	YES
L0020597	0	0.73320E-06	445197.4	3760713.0	206.7	3.49	7.44	3.25	YES
L0020598	0	0.73320E-06	445197.5	3760729.0	206.8	3.49	7.44	3.25	YES
L0020599	0	0.73320E-06	445197.6	3760745.0	207.0	3.49	7.44	3.25	YES
L0020600	0	0.73320E-06	445197.8	3760761.0	207.0	3.49	7.44	3.25	YES

L0020601	0	0.73320E-06	445197.9	3760777.0	207.0	3.49	7.44	3.25 YES
L0020602	0	0.73320E-06	445198.0	3760793.0	207.0	3.49	7.44	3.25 YES
L0020603	0	0.73320E-06	445198.1	3760809.0	207.0	3.49	7.44	3.25 YES
L0020604	0	0.73320E-06	445198.2	3760825.0	207.0	3.49	7.44	3.25 YES
L0020605	0	0.73320E-06	445198.3	3760841.0	207.0	3.49	7.44	3.25 YES
L0020606	0	0.73320E-06	445198.4	3760857.0	207.0	3.49	7.44	3.25 YES
L0020607	0	0.73320E-06	445198.5	3760873.0	207.0	3.49	7.44	3.25 YES
L0020608	0	0.73320E-06	445198.6	3760889.0	207.0	3.49	7.44	3.25 YES
L0020609	0	0.73320E-06	445198.7	3760905.0	207.0	3.49	7.44	3.25 YES
L0020610	0	0.73320E-06	445198.8	3760921.0	207.0	3.49	7.44	3.25 YES
L0020611	0	0.73320E-06	445198.9	3760937.0	207.0	3.49	7.44	3.25 YES
L0020612	0	0.73320E-06	445199.0	3760953.0	207.0	3.49	7.44	3.25 YES
L0020613	0	0.73320E-06	445199.1	3760969.0	207.0	3.49	7.44	3.25 YES
L0020614	0	0.73320E-06	445199.2	3760985.0	207.0	3.49	7.44	3.25 YES
L0020615	0	0.73320E-06	445199.4	3761001.0	207.0	3.49	7.44	3.25 YES
L0020616	0	0.73320E-06	445199.5	3761017.0	207.0	3.49	7.44	3.25 YES
L0020617	0	0.73320E-06	445199.6	3761033.0	207.1	3.49	7.44	3.25 YES
L0020618	0	0.73320E-06	445199.7	3761049.0	207.3	3.49	7.44	3.25 YES
L0020619	0	0.73320E-06	445199.8	3761065.0	207.5	3.49	7.44	3.25 YES
L0020620	0	0.73320E-06	445199.9	3761081.0	207.7	3.49	7.44	3.25 YES
L0020621	0	0.73320E-06	445200.0	3761097.0	207.8	3.49	7.44	3.25 YES
L0020622	0	0.73320E-06	445200.1	3761113.0	208.0	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0020623	0	0.73320E-06	445200.2	3761129.0	208.0	3.49	7.44	3.25	YES	
L0020624	0	0.73320E-06	445200.3	3761145.0	208.0	3.49	7.44	3.25	YES	
L0020625	0	0.73320E-06	445200.4	3761161.0	208.0	3.49	7.44	3.25	YES	
L0020626	0	0.73320E-06	445200.5	3761177.0	208.0	3.49	7.44	3.25	YES	
L0020627	0	0.73320E-06	445200.6	3761193.0	208.0	3.49	7.44	3.25	YES	
L0020628	0	0.73320E-06	445200.7	3761209.0	208.0	3.49	7.44	3.25	YES	
L0020629	0	0.73320E-06	445200.9	3761225.0	208.2	3.49	7.44	3.25	YES	
L0020630	0	0.73320E-06	445201.0	3761241.0	208.4	3.49	7.44	3.25	YES	
L0020631	0	0.73320E-06	445201.1	3761257.0	208.6	3.49	7.44	3.25	YES	
L0020632	0	0.73320E-06	445201.2	3761273.0	208.7	3.49	7.44	3.25	YES	
L0020633	0	0.73320E-06	445201.3	3761289.0	208.9	3.49	7.44	3.25	YES	
L0020634	0	0.73320E-06	445201.4	3761305.0	209.1	3.49	7.44	3.25	YES	
L0020635	0	0.73320E-06	445201.5	3761321.0	209.3	3.49	7.44	3.25	YES	
L0020636	0	0.73320E-06	445201.6	3761337.0	209.4	3.49	7.44	3.25	YES	
L0020637	0	0.73320E-06	445201.7	3761353.0	209.6	3.49	7.44	3.25	YES	
L0020638	0	0.73320E-06	445201.8	3761369.0	209.8	3.49	7.44	3.25	YES	

L0020639	0	0.73320E-06	445201.9	3761385.0	210.0	3.49	7.44	3.25 YES
L0020640	0	0.73320E-06	445202.0	3761401.0	210.0	3.49	7.44	3.25 YES
L0020641	0	0.73320E-06	445202.1	3761417.0	210.0	3.49	7.44	3.25 YES
L0020642	0	0.73320E-06	445202.2	3761433.0	210.0	3.49	7.44	3.25 YES
L0020643	0	0.73320E-06	445202.4	3761449.0	210.0	3.49	7.44	3.25 YES
L0020644	0	0.73320E-06	445202.5	3761465.0	210.0	3.49	7.44	3.25 YES
L0020645	0	0.73320E-06	445202.6	3761481.0	210.0	3.49	7.44	3.25 YES
L0020646	0	0.73320E-06	445202.7	3761497.0	210.0	3.49	7.44	3.25 YES
L0020647	0	0.73320E-06	445202.8	3761513.0	210.0	3.49	7.44	3.25 YES
L0020648	0	0.73320E-06	445202.9	3761529.0	210.0	3.49	7.44	3.25 YES
L0020649	0	0.73320E-06	445203.0	3761545.0	210.0	3.49	7.44	3.25 YES
L0020650	0	0.73320E-06	445203.1	3761561.0	210.0	3.49	7.44	3.25 YES
L0020651	0	0.73320E-06	445203.2	3761577.0	210.0	3.49	7.44	3.25 YES
L0020652	0	0.73320E-06	445203.3	3761593.0	210.2	3.49	7.44	3.25 YES
L0020653	0	0.73320E-06	445203.4	3761609.0	210.4	3.49	7.44	3.25 YES
L0020654	0	0.73320E-06	445203.5	3761625.0	210.6	3.49	7.44	3.25 YES
L0020655	0	0.73320E-06	445203.6	3761641.0	210.7	3.49	7.44	3.25 YES
L0020656	0	0.73320E-06	445203.7	3761657.0	210.9	3.49	7.44	3.25 YES
L0020657	0	0.73320E-06	445203.8	3761673.0	211.0	3.49	7.44	3.25 YES
L0020658	0	0.73320E-06	445204.0	3761689.0	210.8	3.49	7.44	3.25 YES
L0020659	0	0.73320E-06	445204.1	3761705.0	210.6	3.49	7.44	3.25 YES
L0020660	0	0.73320E-06	445204.2	3761721.0	210.5	3.49	7.44	3.25 YES
L0020661	0	0.73320E-06	445204.3	3761737.0	210.3	3.49	7.44	3.25 YES
L0020662	0	0.73320E-06	445204.4	3761753.0	210.1	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0020663	0	0.73320E-06	445204.5	3761769.0	210.1	3.49	7.44	3.25	YES	
L0020664	0	0.73320E-06	445204.6	3761785.0	210.3	3.49	7.44	3.25	YES	
L0020665	0	0.73320E-06	445204.7	3761801.0	210.5	3.49	7.44	3.25	YES	
L0020666	0	0.73320E-06	445204.8	3761817.0	210.7	3.49	7.44	3.25	YES	
L0020667	0	0.73320E-06	445204.9	3761833.0	210.8	3.49	7.44	3.25	YES	
L0020668	0	0.73320E-06	445205.0	3761849.0	211.0	3.49	7.44	3.25	YES	
L0020669	0	0.73320E-06	445205.1	3761865.0	211.1	3.49	7.44	3.25	YES	
L0020670	0	0.73320E-06	445205.2	3761881.0	211.1	3.49	7.44	3.25	YES	
L0020671	0	0.73320E-06	445205.3	3761897.0	211.1	3.49	7.44	3.25	YES	
L0020672	0	0.73320E-06	445205.5	3761913.0	211.1	3.49	7.44	3.25	YES	
L0020673	0	0.73320E-06	445205.6	3761929.0	211.1	3.49	7.44	3.25	YES	
L0020674	0	0.73320E-06	445205.7	3761945.0	211.1	3.49	7.44	3.25	YES	
L0020675	0	0.73320E-06	445205.8	3761961.0	211.2	3.49	7.44	3.25	YES	
L0020676	0	0.73320E-06	445205.9	3761977.0	211.4	3.49	7.44	3.25	YES	

L0020677	0	0.73320E-06	445206.0	3761993.0	211.6	3.49	7.44	3.25 YES
L0020678	0	0.73320E-06	445206.1	3762009.0	211.7	3.49	7.44	3.25 YES
L0020679	0	0.73320E-06	445206.4	3762025.0	211.9	3.49	7.44	3.25 YES
L0020680	0	0.73320E-06	445206.7	3762041.0	212.1	3.49	7.44	3.25 YES
L0020681	0	0.73320E-06	445206.9	3762057.0	212.3	3.49	7.44	3.25 YES
L0020682	0	0.73320E-06	445207.2	3762073.0	212.5	3.49	7.44	3.25 YES
L0020683	0	0.73320E-06	445207.5	3762089.0	212.6	3.49	7.44	3.25 YES
L0020684	0	0.73320E-06	445207.8	3762105.0	212.8	3.49	7.44	3.25 YES
L0020685	0	0.73320E-06	445208.1	3762121.0	213.0	3.49	7.44	3.25 YES
L0020686	0	0.73320E-06	445208.3	3762137.0	213.3	3.49	7.44	3.25 YES
L0020687	0	0.73320E-06	445208.6	3762153.0	213.6	3.49	7.44	3.25 YES
L0020688	0	0.73320E-06	445208.9	3762169.0	214.0	3.49	7.44	3.25 YES
L0020689	0	0.73320E-06	445209.2	3762185.0	214.3	3.49	7.44	3.25 YES
L0020690	0	0.73320E-06	445209.4	3762201.0	214.6	3.49	7.44	3.25 YES
L0020691	0	0.73320E-06	445209.7	3762217.0	215.0	3.49	7.44	3.25 YES
L0020692	0	0.73320E-06	445210.0	3762232.9	215.1	3.49	7.44	3.25 YES
L0020693	0	0.73320E-06	445210.3	3762248.9	215.1	3.49	7.44	3.25 YES
L0020694	0	0.73320E-06	445210.6	3762264.9	215.1	3.49	7.44	3.25 YES
L0020695	0	0.73320E-06	445210.8	3762280.9	215.1	3.49	7.44	3.25 YES
L0020696	0	0.73320E-06	445211.1	3762296.9	215.1	3.49	7.44	3.25 YES
L0020697	0	0.73320E-06	445211.4	3762312.9	215.1	3.49	7.44	3.25 YES
L0020698	0	0.73320E-06	445211.7	3762328.9	215.9	3.49	7.44	3.25 YES
L0020699	0	0.73320E-06	445211.9	3762344.9	216.8	3.49	7.44	3.25 YES
L0020700	0	0.73320E-06	445212.2	3762360.9	217.7	3.49	7.44	3.25 YES

 L0020701   0   0.73320E-06 445212.5 3762376.9   218.5   3.49   7.44
3.25   YES
 L0020702   0   0.73320E-06 445212.8 3762392.9   219.4   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0020703   0   0.73320E-06 445213.1 3762408.9   220.1   3.49   7.44
3.25   YES
 L0020704   0   0.73320E-06 445213.3 3762424.9   219.9   3.49   7.44
3.25   YES
 L0020705   0   0.73320E-06 445213.6 3762440.9   219.7   3.49   7.44
3.25   YES
 L0020706   0   0.73320E-06 445213.9 3762456.9   219.5   3.49   7.44
3.25   YES
 L0020707   0   0.73320E-06 445214.2 3762472.9   219.3   3.49   7.44
3.25   YES
 L0020708   0   0.73320E-06 445214.4 3762488.9   219.1   3.49   7.44
3.25   YES
 L0020709   0   0.73320E-06 445214.7 3762504.9   218.9   3.49   7.44
3.25   YES
 L0020710   0   0.73320E-06 445215.0 3762520.9   218.7   3.49   7.44
3.25   YES
 L0020711   0   0.73320E-06 445215.3 3762536.9   218.6   3.49   7.44
3.25   YES
 L0020712   0   0.73320E-06 445215.6 3762552.9   218.4   3.49   7.44
3.25   YES
 L0020713   0   0.73320E-06 445215.8 3762568.9   218.3   3.49   7.44
3.25   YES
 L0020714   0   0.73320E-06 445216.1 3762584.9   218.2   3.49   7.44
3.25   YES

L0020715	0	0.73320E-06	445216.4	3762600.9	218.5	3.49	7.44	3.25 YES
L0020716	0	0.73320E-06	445216.7	3762616.9	219.2	3.49	7.44	3.25 YES
L0020717	0	0.73320E-06	445217.0	3762632.9	219.9	3.49	7.44	3.25 YES
L0020718	0	0.73320E-06	445217.2	3762648.9	220.6	3.49	7.44	3.25 YES
L0020719	0	0.73320E-06	445217.5	3762664.9	221.3	3.49	7.44	3.25 YES
L0020720	0	0.73320E-06	445217.8	3762680.9	222.0	3.49	7.44	3.25 YES
L0020721	0	0.73320E-06	445218.1	3762696.9	222.4	3.49	7.44	3.25 YES
L0020722	0	0.73320E-06	445218.3	3762712.9	222.6	3.49	7.44	3.25 YES
L0020723	0	0.73320E-06	445218.6	3762728.9	222.9	3.49	7.44	3.25 YES
L0020724	0	0.73320E-06	445218.9	3762744.9	223.2	3.49	7.44	3.25 YES
L0020725	0	0.73320E-06	445219.2	3762760.9	223.5	3.49	7.44	3.25 YES
L0020726	0	0.73320E-06	445219.5	3762776.9	223.7	3.49	7.44	3.25 YES
L0020727	0	0.73320E-06	445219.7	3762792.9	223.1	3.49	7.44	3.25 YES
L0020728	0	0.73320E-06	445220.0	3762808.9	222.5	3.49	7.44	3.25 YES
L0020729	0	0.73320E-06	445220.3	3762824.9	221.9	3.49	7.44	3.25 YES
L0020730	0	0.73320E-06	445220.6	3762840.9	221.2	3.49	7.44	3.25 YES
L0020731	0	0.73320E-06	445220.8	3762856.9	220.6	3.49	7.44	3.25 YES
L0020732	0	0.73320E-06	445221.1	3762872.9	220.2	3.49	7.44	3.25 YES
L0020733	0	0.73320E-06	445221.4	3762888.9	220.5	3.49	7.44	3.25 YES
L0020734	0	0.73320E-06	445221.7	3762904.8	220.8	3.49	7.44	3.25 YES
L0020735	0	0.73320E-06	445222.0	3762920.8	221.0	3.49	7.44	3.25 YES
L0020736	0	0.73320E-06	445222.2	3762936.8	221.3	3.49	7.44	3.25 YES
L0020737	0	0.73320E-06	445222.5	3762952.8	221.5	3.49	7.44	3.25 YES
L0020738	0	0.73320E-06	445222.8	3762968.8	221.5	3.49	7.44	3.25 YES

 L0020739   0   0.73320E-06 445223.0 3762984.8   221.0   3.49   7.44
3.25   YES
 L0020740   0   0.73320E-06 445223.3 3763000.8   220.5   3.49   7.44
3.25   YES
 L0020741   0   0.73320E-06 445223.5 3763016.8   220.0   3.49   7.44
3.25   YES
 L0020742   0   0.73320E-06 445223.7 3763032.8   219.5   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0020743   0   0.73320E-06 445224.0 3763048.8   219.0   3.49   7.44
3.25   YES
 L0020744   0   0.73320E-06 445224.2 3763064.8   219.1   3.49   7.44
3.25   YES
 L0020745   0   0.73320E-06 445224.5 3763080.8   219.4   3.49   7.44
3.25   YES
 L0020746   0   0.73320E-06 445224.7 3763096.8   219.8   3.49   7.44
3.25   YES
 L0020747   0   0.73320E-06 445225.0 3763112.8   220.1   3.49   7.44
3.25   YES
 L0020748   0   0.73320E-06 445225.2 3763128.8   220.4   3.49   7.44
3.25   YES
 L0020749   0   0.73320E-06 445225.5 3763144.8   220.8   3.49   7.44
3.25   YES
 L0020750   0   0.73320E-06 445225.7 3763160.8   221.4   3.49   7.44
3.25   YES
 L0020751   0   0.73320E-06 445226.0 3763176.8   221.9   3.49   7.44
3.25   YES
 L0020752   0   0.73320E-06 445226.2 3763192.8   222.5   3.49   7.44
3.25   YES

L0020753	0	0.73320E-06	445226.4	3763208.8	223.1	3.49	7.44	3.25 YES
L0020754	0	0.73320E-06	445226.7	3763224.8	223.7	3.49	7.44	3.25 YES
L0020755	0	0.73320E-06	445226.9	3763240.8	224.2	3.49	7.44	3.25 YES
L0020756	0	0.73320E-06	445227.2	3763256.8	224.4	3.49	7.44	3.25 YES
L0020757	0	0.73320E-06	445227.4	3763272.8	224.6	3.49	7.44	3.25 YES
L0020758	0	0.73320E-06	445227.7	3763288.8	224.7	3.49	7.44	3.25 YES
L0020759	0	0.73320E-06	445227.9	3763304.8	224.9	3.49	7.44	3.25 YES
L0020760	0	0.73320E-06	445228.2	3763320.8	225.1	3.49	7.44	3.25 YES
L0020761	0	0.73320E-06	445228.4	3763336.8	225.1	3.49	7.44	3.25 YES
L0020762	0	0.73320E-06	445228.7	3763352.8	224.9	3.49	7.44	3.25 YES
L0020763	0	0.73320E-06	445228.9	3763368.8	224.7	3.49	7.44	3.25 YES
L0020764	0	0.73320E-06	445229.1	3763384.8	224.5	3.49	7.44	3.25 YES
L0020765	0	0.73320E-06	445229.4	3763400.8	224.3	3.49	7.44	3.25 YES
L0020766	0	0.73320E-06	445229.6	3763416.8	224.1	3.49	7.44	3.25 YES
L0020767	0	0.73320E-06	445229.9	3763432.8	224.2	3.49	7.44	3.25 YES
L0020768	0	0.73320E-06	445230.1	3763448.8	224.6	3.49	7.44	3.25 YES
L0020769	0	0.73320E-06	445230.4	3763464.8	224.9	3.49	7.44	3.25 YES
L0020770	0	0.73320E-06	445230.6	3763480.8	225.2	3.49	7.44	3.25 YES
L0020771	0	0.73320E-06	445230.9	3763496.8	225.6	3.49	7.44	3.25 YES
L0020772	0	0.73320E-06	445231.1	3763512.8	225.9	3.49	7.44	3.25 YES
L0020773	0	0.73320E-06	445231.4	3763528.8	226.4	3.49	7.44	3.25 YES
L0020774	0	0.73320E-06	445231.6	3763544.8	226.9	3.49	7.44	3.25 YES
L0020775	0	0.73320E-06	445231.9	3763560.8	227.4	3.49	7.44	3.25 YES
L0020776	0	0.73320E-06	445232.1	3763576.8	227.8	3.49	7.44	3.25 YES

```
 L0020777         0   0.73320E-06  445232.3 3763592.8   228.3     3.49     7.44
3.25     YES
 L0020778         0   0.73320E-06  445232.6 3763608.8   228.8     3.49     7.44
3.25     YES
 L0020779         0   0.73320E-06  445232.8 3763624.8   228.8     3.49     7.44
3.25     YES
 L0020780         0   0.73320E-06  445233.1 3763640.8   228.9     3.49     7.44
3.25     YES
 L0020781         0   0.73320E-06  445233.3 3763656.8   229.0     3.49     7.44
3.25     YES
 L0020782         0   0.73320E-06  445233.6 3763672.8   229.1     3.49     7.44
3.25     YES
```



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


                                                      *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0020783         0   0.73320E-06  445233.8 3763688.8   229.2     3.49     7.44
3.25     YES
 L0020784         0   0.73320E-06  445234.1 3763704.8   229.4     3.49     7.44
3.25     YES
 L0020785         0   0.73320E-06  445234.3 3763720.8   229.9     3.49     7.44
3.25     YES
 L0020786         0   0.73320E-06  445234.6 3763736.7   230.3     3.49     7.44
3.25     YES
 L0020787         0   0.73320E-06  445234.8 3763752.7   230.8     3.49     7.44
3.25     YES
 L0020788         0   0.73320E-06  445235.0 3763768.7   231.3     3.49     7.44
3.25     YES
 L0020789         0   0.73320E-06  445235.3 3763784.7   231.8     3.49     7.44
3.25     YES
 L0020790         0   0.73320E-06  445235.5 3763800.7   231.9     3.49     7.44
3.25     YES
```

L0020791	0	0.73320E-06	445235.8	3763816.7	231.8	3.49	7.44	3.25 YES
L0020792	0	0.73320E-06	445236.0	3763832.7	231.7	3.49	7.44	3.25 YES
L0020793	0	0.73320E-06	445236.3	3763848.7	231.6	3.49	7.44	3.25 YES
L0020794	0	0.73320E-06	445236.5	3763864.7	231.4	3.49	7.44	3.25 YES
L0020795	0	0.73320E-06	445236.8	3763880.7	231.3	3.49	7.44	3.25 YES
L0020796	0	0.73320E-06	445237.0	3763896.7	231.9	3.49	7.44	3.25 YES
L0020797	0	0.73320E-06	445237.3	3763912.7	232.7	3.49	7.44	3.25 YES
L0020798	0	0.73320E-06	445237.5	3763928.7	233.5	3.49	7.44	3.25 YES
L0020799	0	0.73320E-06	445237.7	3763944.7	234.3	3.49	7.44	3.25 YES
L0020800	0	0.73320E-06	445238.0	3763960.7	235.1	3.49	7.44	3.25 YES
L0020801	0	0.73320E-06	445238.2	3763976.7	236.0	3.49	7.44	3.25 YES
L0020802	0	0.73320E-06	445238.5	3763992.7	235.8	3.49	7.44	3.25 YES
L0020803	0	0.73320E-06	445238.7	3764008.7	235.6	3.49	7.44	3.25 YES
L0020804	0	0.73320E-06	445239.0	3764024.7	235.3	3.49	7.44	3.25 YES
L0020805	0	0.73320E-06	445239.2	3764040.7	235.1	3.49	7.44	3.25 YES
L0020806	0	0.73320E-06	445239.5	3764056.7	234.9	3.49	7.44	3.25 YES
L0020807	0	0.73320E-06	445239.7	3764072.7	234.7	3.49	7.44	3.25 YES
L0020808	0	0.73320E-06	445240.0	3764088.7	234.6	3.49	7.44	3.25 YES
L0020809	0	0.73320E-06	445240.2	3764104.7	234.6	3.49	7.44	3.25 YES
L0020810	0	0.73320E-06	445240.4	3764120.7	234.5	3.49	7.44	3.25 YES
L0020811	0	0.73320E-06	445240.7	3764136.7	234.4	3.49	7.44	3.25 YES
L0020812	0	0.73320E-06	445240.9	3764152.7	234.4	3.49	7.44	3.25 YES
L0020813	0	0.73320E-06	445241.2	3764168.7	234.7	3.49	7.44	3.25 YES
L0020814	0	0.73320E-06	445241.4	3764184.7	235.8	3.49	7.44	3.25 YES

```
 L0020815         0   0.73320E-06  445241.7 3764200.7   236.8     3.49     7.44
3.25     YES
 L0020816         0   0.73320E-06  445241.9 3764216.7   237.8     3.49     7.44
3.25     YES
 L0020817         0   0.73320E-06  445242.2 3764232.7   238.9     3.49     7.44
3.25     YES
 L0020818         0   0.73320E-06  445242.4 3764248.7   239.9     3.49     7.44
3.25     YES
 L0020819         0   0.73320E-06  445242.7 3764264.7   240.3     3.49     7.44
3.25     YES
 L0020820         0   0.73320E-06  445242.9 3764280.7   240.2     3.49     7.44
3.25     YES
 L0020821         0   0.73320E-06  445243.1 3764296.7   240.2     3.49     7.44
3.25     YES
 L0020822         0   0.73320E-06  445243.3 3764312.7   240.1     3.49     7.44
3.25     YES
```



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                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0020823         0   0.73320E-06  445243.4 3764328.7   240.1     3.49     7.44
3.25     YES
 L0020824         0   0.73320E-06  445243.5 3764344.7   240.0     3.49     7.44
3.25     YES
 L0020825         0   0.73320E-06  445243.6 3764360.7   239.6     3.49     7.44
3.25     YES
 L0020826         0   0.73320E-06  445243.8 3764376.7   239.1     3.49     7.44
3.25     YES
 L0020827         0   0.73320E-06  445243.9 3764392.7   238.5     3.49     7.44
3.25     YES
 L0020828         0   0.73320E-06  445244.0 3764408.7   238.0     3.49     7.44
3.25     YES
```

L0020829	0	0.73320E-06	445244.1	3764424.7	237.5	3.49	7.44	3.25 YES
L0020830	0	0.73320E-06	445244.2	3764440.7	237.0	3.49	7.44	3.25 YES
L0020831	0	0.73320E-06	445244.3	3764456.7	237.0	3.49	7.44	3.25 YES
L0020832	0	0.73320E-06	445244.4	3764472.7	237.0	3.49	7.44	3.25 YES
L0020833	0	0.73320E-06	445244.5	3764488.7	237.0	3.49	7.44	3.25 YES
L0020834	0	0.73320E-06	445244.7	3764504.7	237.0	3.49	7.44	3.25 YES
L0020835	0	0.73320E-06	445244.8	3764520.7	237.0	3.49	7.44	3.25 YES
L0020836	0	0.73320E-06	445244.9	3764536.7	237.2	3.49	7.44	3.25 YES
L0020837	0	0.73320E-06	445245.0	3764552.7	238.1	3.49	7.44	3.25 YES
L0020838	0	0.73320E-06	445245.1	3764568.7	239.0	3.49	7.44	3.25 YES
L0020839	0	0.73320E-06	445245.2	3764584.7	239.9	3.49	7.44	3.25 YES
L0020840	0	0.73320E-06	445245.3	3764600.7	240.7	3.49	7.44	3.25 YES
L0020841	0	0.73320E-06	445245.4	3764616.7	241.6	3.49	7.44	3.25 YES
L0020842	0	0.73320E-06	445245.6	3764632.7	242.0	3.49	7.44	3.25 YES
L0020843	0	0.73320E-06	445245.7	3764648.7	241.9	3.49	7.44	3.25 YES
L0020844	0	0.73320E-06	445245.8	3764664.7	241.9	3.49	7.44	3.25 YES
L0020845	0	0.73320E-06	445245.9	3764680.7	241.8	3.49	7.44	3.25 YES
L0020846	0	0.73320E-06	445246.0	3764696.7	241.7	3.49	7.44	3.25 YES
L0020847	0	0.73320E-06	445246.1	3764712.7	241.7	3.49	7.44	3.25 YES
L0020848	0	0.73320E-06	445246.2	3764728.7	241.5	3.49	7.44	3.25 YES
L0020849	0	0.73320E-06	445246.3	3764744.7	241.4	3.49	7.44	3.25 YES
L0020850	0	0.73320E-06	445246.5	3764760.7	241.2	3.49	7.44	3.25 YES
L0020851	0	0.73320E-06	445246.6	3764776.7	241.0	3.49	7.44	3.25 YES
L0020852	0	0.73320E-06	445246.7	3764792.7	240.9	3.49	7.44	3.25 YES

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 L0020853         0   0.73320E-06  445246.8 3764808.7   240.7     3.49     7.44
3.25     YES
 L0020854         0   0.73320E-06  445246.9 3764824.7   241.6     3.49     7.44
3.25     YES
 L0020855         0   0.73320E-06  445247.0 3764840.7   242.5     3.49     7.44
3.25     YES
 L0020856         0   0.73320E-06  445247.1 3764856.7   243.4     3.49     7.44
3.25     YES
 L0020857         0   0.73320E-06  445247.2 3764872.7   244.3     3.49     7.44
3.25     YES
 L0020858         0   0.73320E-06  445247.4 3764888.7   245.2     3.49     7.44
3.25     YES
 L0020859         0   0.73320E-06  445247.5 3764904.7   246.0     3.49     7.44
3.25     YES
 L0020860         0   0.73320E-06  445247.6 3764920.7   246.2     3.49     7.44
3.25     YES
 L0020861         0   0.73320E-06  445247.7 3764936.7   246.4     3.49     7.44
3.25     YES
 L0020862         0   0.73320E-06  445247.8 3764952.7   246.6     3.49     7.44
3.25     YES
```



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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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 L0020863         0   0.73320E-06  445247.9 3764968.7   246.7     3.49     7.44
3.25     YES
 L0020864         0   0.73320E-06  445248.0 3764984.7   246.9     3.49     7.44
3.25     YES
 L0020865         0   0.73320E-06  445248.1 3765000.7   247.0     3.49     7.44
3.25     YES
 L0020866         0   0.73320E-06  445248.2 3765016.7   247.1     3.49     7.44
3.25     YES
```

L0020867	0	0.73320E-06	445248.4	3765032.7	247.1	3.49	7.44	3.25 YES
L0020868	0	0.73320E-06	445248.5	3765048.7	247.2	3.49	7.44	3.25 YES
L0020869	0	0.73320E-06	445248.6	3765064.7	247.3	3.49	7.44	3.25 YES
L0020870	0	0.73320E-06	445248.7	3765080.7	247.3	3.49	7.44	3.25 YES
L0020871	0	0.73320E-06	445248.8	3765096.7	247.2	3.49	7.44	3.25 YES
L0020872	0	0.73320E-06	445248.9	3765112.7	247.1	3.49	7.44	3.25 YES
L0020873	0	0.73320E-06	445249.0	3765128.7	246.9	3.49	7.44	3.25 YES
L0020874	0	0.73320E-06	445249.1	3765144.7	246.7	3.49	7.44	3.25 YES
L0020875	0	0.73320E-06	445249.3	3765160.7	246.5	3.49	7.44	3.25 YES
L0020876	0	0.73320E-06	445249.4	3765176.7	246.4	3.49	7.44	3.25 YES
L0020877	0	0.73320E-06	445249.5	3765192.7	246.4	3.49	7.44	3.25 YES
L0020878	0	0.73320E-06	445249.6	3765208.7	246.4	3.49	7.44	3.25 YES
L0020879	0	0.73320E-06	445249.7	3765224.7	246.5	3.49	7.44	3.25 YES
L0020880	0	0.73320E-06	445249.8	3765240.7	246.6	3.49	7.44	3.25 YES
L0020881	0	0.73320E-06	445249.9	3765256.7	246.6	3.49	7.44	3.25 YES
L0020882	0	0.73320E-06	445250.0	3765272.7	246.7	3.49	7.44	3.25 YES
L0020883	0	0.73320E-06	445250.2	3765288.7	246.7	3.49	7.44	3.25 YES
L0020884	0	0.73320E-06	445250.3	3765304.7	246.7	3.49	7.44	3.25 YES
L0020885	0	0.73320E-06	445250.4	3765320.7	246.7	3.49	7.44	3.25 YES
L0020886	0	0.73320E-06	445250.5	3765336.7	246.7	3.49	7.44	3.25 YES
L0020887	0	0.73320E-06	445250.6	3765352.7	246.7	3.49	7.44	3.25 YES
L0020888	0	0.73320E-06	445250.7	3765368.7	246.8	3.49	7.44	3.25 YES
L0020889	0	0.73320E-06	445250.8	3765384.7	247.3	3.49	7.44	3.25 YES
L0020890	0	0.73320E-06	445250.9	3765400.7	247.7	3.49	7.44	3.25 YES

```
 L0020891         0   0.73320E-06  445251.1 3765416.7   248.2     3.49     7.44
3.25     YES
 L0020892         0   0.73320E-06  445251.2 3765432.7   248.7     3.49     7.44
3.25     YES
 L0020893         0   0.73320E-06  445251.3 3765448.7   249.1     3.49     7.44
3.25     YES
 L0020894         0   0.73320E-06  445251.4 3765464.7   249.9     3.49     7.44
3.25     YES
 L0020895         0   0.73320E-06  445251.5 3765480.7   250.9     3.49     7.44
3.25     YES
 L0020896         0   0.73320E-06  445251.6 3765496.7   251.8     3.49     7.44
3.25     YES
 L0020897         0   0.73320E-06  445251.7 3765512.7   252.8     3.49     7.44
3.25     YES
 L0020898         0   0.73320E-06  445251.8 3765528.7   253.8     3.49     7.44
3.25     YES
 L0020899         0   0.73320E-06  445252.0 3765544.7   254.8     3.49     7.44
3.25     YES
 L0020900         0   0.73320E-06  445252.1 3765560.7   255.0     3.49     7.44
3.25     YES
 L0020901         0   0.73320E-06  445252.2 3765576.7   255.0     3.49     7.44
3.25     YES
 L0020902         0   0.73320E-06  445252.3 3765592.7   255.0     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:53:40

                                  PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0020903         0   0.73320E-06  445252.4 3765608.6   255.0     3.49     7.44
3.25     YES
 L0020904         0   0.73320E-06  445252.5 3765624.6   255.0     3.49     7.44
3.25     YES
```

L0020905	0	0.73320E-06	445252.6	3765640.6	255.0	3.49	7.44	3.25 YES
L0020906	0	0.73320E-06	445252.7	3765656.6	254.8	3.49	7.44	3.25 YES
L0020907	0	0.73320E-06	445252.9	3765672.6	254.7	3.49	7.44	3.25 YES
L0020908	0	0.73320E-06	445253.0	3765688.6	254.5	3.49	7.44	3.25 YES
L0020909	0	0.73320E-06	445253.1	3765704.6	254.3	3.49	7.44	3.25 YES
L0020910	0	0.36650E-06	445199.1	3760404.0	205.3	3.49	7.44	3.25 YES
L0020911	0	0.36650E-06	445198.7	3760388.0	205.1	3.49	7.44	3.25 YES
L0020912	0	0.36650E-06	445198.3	3760372.0	204.9	3.49	7.44	3.25 YES
L0020913	0	0.36650E-06	445197.9	3760356.0	204.8	3.49	7.44	3.25 YES
L0020914	0	0.36650E-06	445197.6	3760340.0	204.6	3.49	7.44	3.25 YES
L0020915	0	0.36650E-06	445197.2	3760324.0	204.4	3.49	7.44	3.25 YES
L0020916	0	0.36650E-06	445196.8	3760308.0	204.3	3.49	7.44	3.25 YES
L0020917	0	0.36650E-06	445196.5	3760292.0	204.1	3.49	7.44	3.25 YES
L0020918	0	0.36650E-06	445196.1	3760276.0	203.9	3.49	7.44	3.25 YES
L0020919	0	0.36650E-06	445195.7	3760260.0	203.8	3.49	7.44	3.25 YES
L0020920	0	0.36650E-06	445195.3	3760244.0	203.6	3.49	7.44	3.25 YES
L0020921	0	0.36650E-06	445195.0	3760228.0	203.4	3.49	7.44	3.25 YES
L0020922	0	0.36650E-06	445194.6	3760212.0	203.2	3.49	7.44	3.25 YES
L0020923	0	0.36650E-06	445194.2	3760196.0	203.1	3.49	7.44	3.25 YES
L0020924	0	0.36650E-06	445193.9	3760180.0	202.9	3.49	7.44	3.25 YES
L0020925	0	0.36650E-06	445193.5	3760164.0	202.7	3.49	7.44	3.25 YES
L0020926	0	0.36650E-06	445193.1	3760148.0	202.6	3.49	7.44	3.25 YES
L0020927	0	0.36650E-06	445192.7	3760132.0	202.4	3.49	7.44	3.25 YES
L0020928	0	0.36650E-06	445192.4	3760116.1	202.2	3.49	7.44	3.25 YES

```
 L0020929         0   0.36650E-06  445192.0 3760100.1   202.1     3.49     7.44
3.25     YES
 L0020930         0   0.36650E-06  445191.6 3760084.1   202.1     3.49     7.44
3.25     YES
 L0020931         0   0.36650E-06  445191.3 3760068.1   202.1     3.49     7.44
3.25     YES
 L0020932         0   0.36650E-06  445190.9 3760052.1   202.1     3.49     7.44
3.25     YES
 L0020933         0   0.36650E-06  445190.5 3760036.1   202.1     3.49     7.44
3.25     YES
 L0020934         0   0.36650E-06  445190.1 3760020.1   202.1     3.49     7.44
3.25     YES
 L0020935         0   0.36650E-06  445189.8 3760004.1   202.0     3.49     7.44
3.25     YES
 L0020936         0   0.36650E-06  445189.4 3759988.1   201.9     3.49     7.44
3.25     YES
 L0020937         0   0.36650E-06  445189.0 3759972.1   201.7     3.49     7.44
3.25     YES
 L0020938         0   0.36650E-06  445188.7 3759956.1   201.5     3.49     7.44
3.25     YES
 L0020939         0   0.36650E-06  445188.3 3759940.1   201.4     3.49     7.44
3.25     YES
 L0020940         0   0.36650E-06  445188.1 3759924.1   201.2     3.49     7.44
3.25     YES
 L0020941         0   0.36650E-06  445188.0 3759908.1   201.0     3.49     7.44
3.25     YES
 L0020942         0   0.36650E-06  445187.8 3759892.1   200.8     3.49     7.44
3.25     YES
↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        16:53:40

                                   PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
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L0020943	0	0.36650E-06	445187.6	3759876.1	200.7	3.49	7.44	3.25 YES
L0020944	0	0.36650E-06	445189.2	3759860.2	200.5	3.49	7.44	3.25 YES
L0020945	0	0.36650E-06	445191.4	3759844.4	200.3	3.49	7.44	3.25 YES
L0020946	0	0.36650E-06	445193.6	3759828.5	200.1	3.49	7.44	3.25 YES
L0020947	0	0.36650E-06	445195.8	3759812.7	199.9	3.49	7.44	3.25 YES
L0020948	0	0.36650E-06	445198.0	3759796.8	199.7	3.49	7.44	3.25 YES
L0020949	0	0.36650E-06	445200.2	3759781.0	199.5	3.49	7.44	3.25 YES
L0020950	0	0.36650E-06	445201.8	3759765.1	199.3	3.49	7.44	3.25 YES
L0020951	0	0.36650E-06	445202.5	3759749.1	199.1	3.49	7.44	3.25 YES
L0020952	0	0.36650E-06	445203.2	3759733.1	198.9	3.49	7.44	3.25 YES
L0020953	0	0.36650E-06	445203.9	3759717.1	198.7	3.49	7.44	3.25 YES
L0020954	0	0.36650E-06	445204.6	3759701.1	198.6	3.49	7.44	3.25 YES
L0020955	0	0.36650E-06	445205.3	3759685.2	198.4	3.49	7.44	3.25 YES
L0020956	0	0.36650E-06	445205.6	3759669.2	198.2	3.49	7.44	3.25 YES
L0020957	0	0.36650E-06	445205.9	3759653.2	198.0	3.49	7.44	3.25 YES
L0020958	0	0.36650E-06	445206.3	3759637.2	197.8	3.49	7.44	3.25 YES
L0020959	0	0.36650E-06	445206.6	3759621.2	197.7	3.49	7.44	3.25 YES
L0020960	0	0.36650E-06	445206.9	3759605.2	197.5	3.49	7.44	3.25 YES
L0020961	0	0.36650E-06	445207.3	3759589.2	197.3	3.49	7.44	3.25 YES
L0020962	0	0.36650E-06	445212.1	3759577.7	197.1	3.49	7.44	3.25 YES
L0020963	0	0.36650E-06	445228.1	3759577.8	196.9	3.49	7.44	3.25 YES
L0020964	0	0.36650E-06	445244.1	3759577.8	196.7	3.49	7.44	3.25 YES
L0020965	0	0.36650E-06	445260.1	3759577.8	196.5	3.49	7.44	3.25 YES
L0020966	0	0.36650E-06	445276.1	3759577.9	196.5	3.49	7.44	3.25 YES

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 L0020967         0   0.36650E-06  445292.1 3759577.9   196.6     3.49     7.44
3.25     YES
 L0020968         0   0.36650E-06  445308.1 3759577.9   196.7     3.49     7.44
3.25     YES
 L0020969         0   0.36650E-06  445324.1 3759577.9   196.8     3.49     7.44
3.25     YES
 L0020970         0   0.36650E-06  445340.1 3759578.0   197.0     3.49     7.44
3.25     YES
 L0020971         0   0.36650E-06  445356.1 3759578.0   197.4     3.49     7.44
3.25     YES
 L0020972         0   0.36650E-06  445372.1 3759578.0   197.9     3.49     7.44
3.25     YES
 L0020973         0   0.36650E-06  445388.1 3759578.1   198.4     3.49     7.44
3.25     YES
 L0020974         0   0.36650E-06  445404.1 3759578.1   198.9     3.49     7.44
3.25     YES
 L0020975         0   0.36650E-06  445420.1 3759578.1   199.4     3.49     7.44
3.25     YES
 L0020976         0   0.36650E-06  445436.1 3759578.1   199.6     3.49     7.44
3.25     YES
 L0020977         0   0.36650E-06  445452.1 3759578.2   199.8     3.49     7.44
3.25     YES
 L0020978         0   0.36650E-06  445468.1 3759578.2   200.0     3.49     7.44
3.25     YES
 L0020979         0   0.36650E-06  445484.1 3759578.2   200.2     3.49     7.44
3.25     YES
 L0020980         0   0.36650E-06  445500.1 3759578.2   200.4     3.49     7.44
3.25     YES
 L0020981         0   0.36650E-06  445516.1 3759578.3   200.9     3.49     7.44
3.25     YES
 L0020982         0   0.36650E-06  445532.1 3759578.3   201.3     3.49     7.44
3.25     YES
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                        *** VOLUME SOURCE DATA ***

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

- - - -

L0021005	0	0.36650E-06	445900.1	3759578.9	201.4	3.49	7.44	3.25 YES
L0021006	0	0.36650E-06	445916.1	3759579.0	201.4	3.49	7.44	3.25 YES
L0021007	0	0.36650E-06	445932.1	3759579.0	201.4	3.49	7.44	3.25 YES
L0021008	0	0.36650E-06	445948.1	3759579.0	201.4	3.49	7.44	3.25 YES
L0021009	0	0.36650E-06	445964.1	3759579.1	201.4	3.49	7.44	3.25 YES
L0021010	0	0.36650E-06	445980.1	3759579.1	201.2	3.49	7.44	3.25 YES
L0021011	0	0.36650E-06	445996.1	3759579.1	201.0	3.49	7.44	3.25 YES
L0021012	0	0.36650E-06	446012.1	3759579.1	200.8	3.49	7.44	3.25 YES
L0021013	0	0.36650E-06	446028.1	3759579.2	200.6	3.49	7.44	3.25 YES
L0021014	0	0.36650E-06	446044.1	3759579.2	200.5	3.49	7.44	3.25 YES
L0021015	0	0.36650E-06	446060.1	3759579.2	200.5	3.49	7.44	3.25 YES
L0021016	0	0.36650E-06	446076.1	3759579.0	200.5	3.49	7.44	3.25 YES
L0021017	0	0.36650E-06	446092.1	3759578.9	200.5	3.49	7.44	3.25 YES
L0021018	0	0.36650E-06	446108.1	3759578.8	200.5	3.49	7.44	3.25 YES
L0021019	0	0.36650E-06	446124.1	3759578.6	200.5	3.49	7.44	3.25 YES
L0021020	0	0.36650E-06	446140.1	3759578.5	200.5	3.49	7.44	3.25 YES
L0021021	0	0.36650E-06	446156.1	3759578.3	200.5	3.49	7.44	3.25 YES
L0021022	0	0.36650E-06	446172.1	3759578.2	200.5	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE BASE RELEASE INIT.

INIT. SOURCE ID	URBAN PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE VARY BY
L0021023	0	0.36650E-06	446188.1	3759578.0	200.5	3.49	7.44	3.25	YES
L0021024	0	0.36650E-06	446204.1	3759577.9	200.3	3.49	7.44	3.25	YES
L0021025	0	0.36650E-06	446220.1	3759577.7	200.1	3.49	7.44	3.25	YES
L0021026	0	0.36650E-06	446236.1	3759577.6	199.9	3.49	7.44	3.25	YES
L0021027	0	0.36650E-06	446252.1	3759577.5	199.7	3.49	7.44	3.25	YES
L0021028	0	0.36650E-06	446268.1	3759577.3	199.5	3.49	7.44	3.25	YES
L0021029	0	0.36650E-06	446284.1	3759577.2	199.4	3.49	7.44	3.25	YES
L0021030	0	0.36650E-06	446300.1	3759577.0	199.4	3.49	7.44	3.25	YES
L0021031	0	0.36650E-06	446316.1	3759576.9	199.4	3.49	7.44	3.25	YES
L0021032	0	0.36650E-06	446332.1	3759576.7	199.4	3.49	7.44	3.25	YES
L0021033	0	0.36650E-06	446348.1	3759576.6	199.4	3.49	7.44	3.25	YES
L0021034	0	0.36650E-06	446364.1	3759576.4	199.4	3.49	7.44	3.25	YES
L0021035	0	0.36650E-06	446380.1	3759576.3	199.4	3.49	7.44	3.25	YES
L0021036	0	0.36650E-06	446396.1	3759576.2	199.4	3.49	7.44	3.25	YES
L0021037	0	0.36650E-06	446412.1	3759576.0	199.4	3.49	7.44	3.25	YES
L0021038	0	0.36650E-06	446428.1	3759575.9	199.4	3.49	7.44	3.25	YES
L0021039	0	0.36650E-06	446444.0	3759575.7	199.4	3.49	7.44	3.25	YES
L0021040	0	0.36650E-06	446460.0	3759575.6	199.4	3.49	7.44	3.25	YES
L0021041	0	0.36650E-06	446476.0	3759575.4	199.4	3.49	7.44	3.25	YES
L0021042	0	0.36650E-06	446492.0	3759575.3	199.4	3.49	7.44	3.25	YES

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 L0021043         0   0.36650E-06  446508.0 3759575.1   199.4     3.49     7.44
3.25     YES
 L0021044         0   0.36650E-06  446524.0 3759575.0   199.3     3.49     7.44
3.25     YES
 L0021045         0   0.36650E-06  446540.0 3759574.9   199.2     3.49     7.44
3.25     YES
 L0021046         0   0.36650E-06  446556.0 3759574.7   199.1     3.49     7.44
3.25     YES
 L0021047         0   0.36650E-06  446572.0 3759574.6   199.0     3.49     7.44
3.25     YES
 L0021048         0   0.36650E-06  446588.0 3759574.4   198.9     3.49     7.44
3.25     YES
 L0021049         0   0.36650E-06  446604.0 3759574.3   198.8     3.49     7.44
3.25     YES
 L0021050         0   0.36650E-06  446620.0 3759574.1   198.7     3.49     7.44
3.25     YES
 L0021051         0   0.36650E-06  446636.0 3759574.0   198.6     3.49     7.44
3.25     YES
 L0021052         0   0.36650E-06  446652.0 3759573.9   198.4     3.49     7.44
3.25     YES
 L0021053         0   0.36650E-06  446668.0 3759573.7   198.4     3.49     7.44
3.25     YES
 L0021054         0   0.36650E-06  446684.0 3759573.6   198.4     3.49     7.44
3.25     YES
 L0021055         0   0.36650E-06  446700.0 3759573.4   198.4     3.49     7.44
3.25     YES
 L0021056         0   0.36650E-06  446716.0 3759573.3   198.4     3.49     7.44
3.25     YES
 L0021057         0   0.36650E-06  446732.0 3759573.1   198.4     3.49     7.44
3.25     YES
 L0021058         0   0.36650E-06  446748.0 3759573.0   198.4     3.49     7.44
3.25     YES
 L0021059         0   0.36650E-06  446764.0 3759572.8   198.4     3.49     7.44
3.25     YES
 L0021060         0   0.36650E-06  446780.0 3759572.7   198.4     3.49     7.44
3.25     YES
 L0021061         0   0.36650E-06  446796.0 3759572.6   198.4     3.49     7.44
3.25     YES
 L0021062         0   0.36650E-06  446812.0 3759572.4   198.4     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                          ***       16:53:40

                                    PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0021063	0	0.36650E-06	446828.0	3759572.3	198.4	3.49	7.44	3.25	YES
L0021064	0	0.36650E-06	446844.0	3759572.1	198.4	3.49	7.44	3.25	YES
L0021065	0	0.36650E-06	446860.0	3759572.0	198.4	3.49	7.44	3.25	YES
L0021066	0	0.36650E-06	446876.0	3759571.8	198.4	3.49	7.44	3.25	YES
L0021067	0	0.36650E-06	446892.0	3759571.7	198.3	3.49	7.44	3.25	YES
L0021068	0	0.36650E-06	446908.0	3759571.5	198.1	3.49	7.44	3.25	YES
L0021069	0	0.36650E-06	446924.0	3759571.4	197.9	3.49	7.44	3.25	YES
L0021070	0	0.36650E-06	446940.0	3759571.3	197.7	3.49	7.44	3.25	YES
L0021071	0	0.36650E-06	446956.0	3759571.1	197.5	3.49	7.44	3.25	YES
L0021072	0	0.36650E-06	446972.0	3759571.0	197.4	3.49	7.44	3.25	YES
L0021073	0	0.36650E-06	446988.0	3759570.8	197.4	3.49	7.44	3.25	YES
L0021074	0	0.36650E-06	447004.0	3759570.7	197.4	3.49	7.44	3.25	YES
L0021075	0	0.36650E-06	447020.0	3759570.5	197.4	3.49	7.44	3.25	YES
L0021076	0	0.36650E-06	447036.0	3759570.4	197.4	3.49	7.44	3.25	YES
L0021077	0	0.36650E-06	447052.0	3759570.3	197.4	3.49	7.44	3.25	YES
L0021078	0	0.36650E-06	447068.0	3759570.1	197.4	3.49	7.44	3.25	YES
L0021079	0	0.36650E-06	447084.0	3759570.0	197.4	3.49	7.44	3.25	YES
L0021080	0	0.36650E-06	447100.0	3759569.8	197.4	3.49	7.44	3.25	YES

L0021081	0	0.36650E-06	447116.0	3759569.7	197.4	3.49	7.44	3.25 YES
L0021082	0	0.36650E-06	447132.0	3759569.6	197.2	3.49	7.44	3.25 YES
L0021083	0	0.36650E-06	447148.0	3759569.5	197.0	3.49	7.44	3.25 YES
L0021084	0	0.36650E-06	447164.0	3759569.5	196.8	3.49	7.44	3.25 YES
L0021085	0	0.36650E-06	447180.0	3759569.4	196.6	3.49	7.44	3.25 YES
L0021086	0	0.36650E-06	447196.0	3759569.4	196.5	3.49	7.44	3.25 YES
L0021087	0	0.36650E-06	447212.0	3759569.3	196.7	3.49	7.44	3.25 YES
L0021088	0	0.36650E-06	447228.0	3759569.3	196.9	3.49	7.44	3.25 YES
L0021089	0	0.36650E-06	447244.0	3759569.2	197.1	3.49	7.44	3.25 YES
L0021090	0	0.36650E-06	447260.0	3759569.2	197.3	3.49	7.44	3.25 YES
L0021091	0	0.36650E-06	447276.0	3759569.1	197.6	3.49	7.44	3.25 YES
L0021092	0	0.36650E-06	447292.0	3759569.0	198.1	3.49	7.44	3.25 YES
L0021093	0	0.36650E-06	447308.0	3759569.0	198.6	3.49	7.44	3.25 YES
L0021094	0	0.36650E-06	447324.0	3759568.9	199.1	3.49	7.44	3.25 YES
L0021095	0	0.36650E-06	447340.0	3759568.9	199.6	3.49	7.44	3.25 YES
L0021096	0	0.36650E-06	447356.0	3759568.8	199.8	3.49	7.44	3.25 YES
L0021097	0	0.36650E-06	447372.0	3759568.8	199.8	3.49	7.44	3.25 YES
L0021098	0	0.36650E-06	447388.0	3759568.7	199.8	3.49	7.44	3.25 YES
L0021099	0	0.36650E-06	447404.0	3759568.7	199.8	3.49	7.44	3.25 YES
L0021100	0	0.36650E-06	447420.0	3759568.6	199.8	3.49	7.44	3.25 YES
L0021101	0	0.36650E-06	447436.0	3759568.6	199.5	3.49	7.44	3.25 YES
L0021102	0	0.36650E-06	447452.0	3759568.5	199.1	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0021103	0	0.36650E-06	447468.0	3759568.5	198.7	3.49	7.44	3.25	YES	
L0021104	0	0.36650E-06	447484.0	3759568.4	198.3	3.49	7.44	3.25	YES	
L0021105	0	0.36650E-06	447500.0	3759568.3	197.8	3.49	7.44	3.25	YES	
L0021106	0	0.36650E-06	447516.0	3759568.3	197.6	3.49	7.44	3.25	YES	
L0021107	0	0.36650E-06	447532.0	3759568.2	197.2	3.49	7.44	3.25	YES	
L0021108	0	0.36650E-06	447548.0	3759568.2	197.0	3.49	7.44	3.25	YES	
L0021109	0	0.36650E-06	447564.0	3759568.1	196.7	3.49	7.44	3.25	YES	
L0021110	0	0.36650E-06	447580.0	3759568.1	196.4	3.49	7.44	3.25	YES	
L0021111	0	0.36650E-06	447596.0	3759568.0	196.4	3.49	7.44	3.25	YES	
L0021112	0	0.36650E-06	447612.0	3759568.0	196.4	3.49	7.44	3.25	YES	
L0021113	0	0.36650E-06	447628.0	3759567.9	196.4	3.49	7.44	3.25	YES	
L0021114	0	0.36650E-06	447644.0	3759567.9	196.4	3.49	7.44	3.25	YES	
L0021115	0	0.36650E-06	447660.0	3759567.8	196.4	3.49	7.44	3.25	YES	
L0021116	0	0.36650E-06	447676.0	3759567.8	196.4	3.49	7.44	3.25	YES	
L0021117	0	0.36650E-06	447692.0	3759567.7	196.4	3.49	7.44	3.25	YES	
L0021118	0	0.36650E-06	447708.0	3759567.6	196.4	3.49	7.44	3.25	YES	

L0021119	0	0.36650E-06	447724.0	3759567.6	196.4	3.49	7.44	3.25 YES
L0021120	0	0.36650E-06	447740.0	3759567.5	196.4	3.49	7.44	3.25 YES
L0021121	0	0.36650E-06	447756.0	3759567.5	196.4	3.49	7.44	3.25 YES
L0021122	0	0.36650E-06	447772.0	3759567.4	196.4	3.49	7.44	3.25 YES
L0021123	0	0.36650E-06	447788.0	3759567.4	196.4	3.49	7.44	3.25 YES
L0021124	0	0.36650E-06	447804.0	3759567.3	196.4	3.49	7.44	3.25 YES
L0021125	0	0.36650E-06	447820.0	3759567.3	196.4	3.49	7.44	3.25 YES
L0021126	0	0.36650E-06	447836.0	3759567.2	196.4	3.49	7.44	3.25 YES
L0021127	0	0.36650E-06	447852.0	3759567.2	196.4	3.49	7.44	3.25 YES
L0021128	0	0.36650E-06	447868.0	3759567.1	196.4	3.49	7.44	3.25 YES
L0021129	0	0.36650E-06	447884.0	3759567.0	196.4	3.49	7.44	3.25 YES
L0021130	0	0.36650E-06	447900.0	3759567.0	196.8	3.49	7.44	3.25 YES
L0021131	0	0.36650E-06	447916.0	3759566.9	197.2	3.49	7.44	3.25 YES
L0021132	0	0.36650E-06	447932.0	3759566.9	197.7	3.49	7.44	3.25 YES
L0021133	0	0.36650E-06	447948.0	3759566.8	198.1	3.49	7.44	3.25 YES
L0021134	0	0.36650E-06	447964.0	3759566.8	198.4	3.49	7.44	3.25 YES
L0021135	0	0.36650E-06	447980.0	3759566.7	198.2	3.49	7.44	3.25 YES
L0021136	0	0.36650E-06	447996.0	3759566.7	198.0	3.49	7.44	3.25 YES
L0021137	0	0.36650E-06	448012.0	3759566.6	197.8	3.49	7.44	3.25 YES
L0021138	0	0.36650E-06	448028.0	3759566.6	197.6	3.49	7.44	3.25 YES
L0021139	0	0.36650E-06	448044.0	3759566.5	197.4	3.49	7.44	3.25 YES
L0021140	0	0.36650E-06	448060.0	3759566.5	197.2	3.49	7.44	3.25 YES
L0021141	0	0.36650E-06	448076.0	3759566.4	197.0	3.49	7.44	3.25 YES
L0021142	0	0.36650E-06	448092.0	3759566.3	196.8	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0021143	0	0.36650E-06	448108.0	3759566.3	196.5	3.49	7.44	3.25	YES	
L0021144	0	0.36650E-06	448124.0	3759566.2	196.4	3.49	7.44	3.25	YES	
L0021145	0	0.36650E-06	448140.0	3759566.2	196.4	3.49	7.44	3.25	YES	
L0021146	0	0.36650E-06	448156.0	3759566.1	196.4	3.49	7.44	3.25	YES	
L0021147	0	0.36650E-06	448172.0	3759566.1	196.4	3.49	7.44	3.25	YES	
L0021148	0	0.36650E-06	448188.0	3759566.0	196.4	3.49	7.44	3.25	YES	
L0021149	0	0.36650E-06	448204.0	3759566.0	196.4	3.49	7.44	3.25	YES	
L0021150	0	0.36650E-06	448220.0	3759565.9	196.4	3.49	7.44	3.25	YES	
L0021151	0	0.36650E-06	448236.0	3759565.8	196.4	3.49	7.44	3.25	YES	
L0021152	0	0.36650E-06	448252.0	3759565.6	196.4	3.49	7.44	3.25	YES	
L0021153	0	0.36650E-06	448268.0	3759565.5	196.4	3.49	7.44	3.25	YES	
L0021154	0	0.36650E-06	448284.0	3759565.4	196.4	3.49	7.44	3.25	YES	
L0021155	0	0.36650E-06	448300.0	3759565.2	196.4	3.49	7.44	3.25	YES	
L0021156	0	0.36650E-06	448316.0	3759565.1	196.4	3.49	7.44	3.25	YES	

L0021157	0	0.36650E-06	448332.0	3759565.0	196.4	3.49	7.44	3.25 YES
L0021158	0	0.36650E-06	448348.0	3759564.8	196.4	3.49	7.44	3.25 YES
L0021159	0	0.36650E-06	448364.0	3759564.7	196.4	3.49	7.44	3.25 YES
L0021160	0	0.36650E-06	448380.0	3759564.5	196.4	3.49	7.44	3.25 YES
L0021161	0	0.36650E-06	448396.0	3759563.8	196.4	3.49	7.44	3.25 YES
L0021162	0	0.36650E-06	448411.8	3759561.6	196.4	3.49	7.44	3.25 YES
L0021163	0	0.36650E-06	448427.7	3759559.5	196.4	3.49	7.44	3.25 YES
L0021164	0	0.36650E-06	448443.5	3759557.3	196.4	3.49	7.44	3.25 YES
L0021165	0	0.36650E-06	448459.4	3759555.1	196.3	3.49	7.44	3.25 YES
L0021166	0	0.36650E-06	448475.2	3759553.0	196.3	3.49	7.44	3.25 YES
L0021167	0	0.36650E-06	448491.2	3759551.5	196.3	3.49	7.44	3.25 YES
L0021168	0	0.36650E-06	448507.1	3759550.8	196.3	3.49	7.44	3.25 YES
L0021169	0	0.36650E-06	448523.1	3759550.0	196.3	3.49	7.44	3.25 YES
L0021170	0	0.36650E-06	448539.1	3759549.2	196.3	3.49	7.44	3.25 YES
L0021171	0	0.36650E-06	448555.1	3759548.5	196.3	3.49	7.44	3.25 YES
L0021172	0	0.36650E-06	448571.1	3759547.7	196.3	3.49	7.44	3.25 YES
L0021173	0	0.36650E-06	448587.0	3759546.9	196.2	3.49	7.44	3.25 YES
L0021174	0	0.36650E-06	448603.0	3759546.2	196.2	3.49	7.44	3.25 YES
L0021175	0	0.36650E-06	448619.0	3759545.4	196.2	3.49	7.44	3.25 YES
L0021176	0	0.36650E-06	448635.0	3759545.1	196.2	3.49	7.44	3.25 YES
L0021177	0	0.36650E-06	448651.0	3759544.9	196.2	3.49	7.44	3.25 YES
L0021178	0	0.36650E-06	448667.0	3759544.8	196.2	3.49	7.44	3.25 YES
L0021179	0	0.36650E-06	448683.0	3759544.6	196.2	3.49	7.44	3.25 YES
L0021180	0	0.36650E-06	448699.0	3759544.4	196.2	3.49	7.44	3.25 YES

 L0021181   0   0.36650E-06 448715.0 3759544.2   196.2   3.49   7.44
3.25   YES
 L0021182   0   0.36650E-06 448731.0 3759544.1   196.2   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0021183   0   0.36650E-06 448747.0 3759543.9   196.2   3.49   7.44
3.25   YES
 L0021184   0   0.36650E-06 448763.0 3759543.7   196.2   3.49   7.44
3.25   YES
 L0021185   0   0.36650E-06 448779.0 3759543.5   196.2   3.49   7.44
3.25   YES
 L0021186   0   0.36650E-06 448795.0 3759543.4   196.2   3.49   7.44
3.25   YES
 L0021187   0   0.36650E-06 448811.0 3759543.2   196.2   3.49   7.44
3.25   YES
 L0021188   0   0.36650E-06 448827.0 3759543.0   196.2   3.49   7.44
3.25   YES
 L0021189   0   0.36650E-06 448843.0 3759542.8   196.2   3.49   7.44
3.25   YES
 L0021190   0   0.36650E-06 448859.0 3759542.7   196.2   3.49   7.44
3.25   YES
 L0021191   0   0.36650E-06 448875.0 3759542.5   196.2   3.49   7.44
3.25   YES
 L0021192   0   0.36650E-06 448891.0 3759542.3   196.2   3.49   7.44
3.25   YES
 L0021193   0   0.36650E-06 448907.0 3759542.1   196.2   3.49   7.44
3.25   YES
 L0021194   0   0.36650E-06 448923.0 3759542.0   196.2   3.49   7.44
3.25   YES

L0021195	0	0.36650E-06	448939.0	3759541.8	196.2	3.49	7.44	3.25 YES
L0021196	0	0.36650E-06	448955.0	3759541.7	196.2	3.49	7.44	3.25 YES
L0021197	0	0.36650E-06	448971.0	3759541.5	196.2	3.49	7.44	3.25 YES
L0021198	0	0.36650E-06	448987.0	3759541.3	196.2	3.49	7.44	3.25 YES
L0021199	0	0.36650E-06	449003.0	3759541.2	196.2	3.49	7.44	3.25 YES
L0021200	0	0.36650E-06	449019.0	3759541.0	196.2	3.49	7.44	3.25 YES
L0021201	0	0.36650E-06	449035.0	3759540.9	196.2	3.49	7.44	3.25 YES
L0021202	0	0.36650E-06	449051.0	3759540.7	196.2	3.49	7.44	3.25 YES
L0021203	0	0.36650E-06	449067.0	3759540.5	196.2	3.49	7.44	3.25 YES
L0021204	0	0.36650E-06	449083.0	3759540.4	196.2	3.49	7.44	3.25 YES
L0021205	0	0.36650E-06	449099.0	3759540.2	196.2	3.49	7.44	3.25 YES
L0021206	0	0.36650E-06	449115.0	3759540.0	196.2	3.49	7.44	3.25 YES
L0021207	0	0.36650E-06	449131.0	3759539.9	196.2	3.49	7.44	3.25 YES
L0021208	0	0.36650E-06	449147.0	3759539.7	196.2	3.49	7.44	3.25 YES
L0021209	0	0.36650E-06	449163.0	3759539.6	196.2	3.49	7.44	3.25 YES
L0021210	0	0.36650E-06	449179.0	3759539.4	196.2	3.49	7.44	3.25 YES
L0021211	0	0.36650E-06	449195.0	3759539.2	196.2	3.49	7.44	3.25 YES
L0021212	0	0.36650E-06	449211.0	3759539.1	196.2	3.49	7.44	3.25 YES
L0021213	0	0.36650E-06	449227.0	3759538.9	196.2	3.49	7.44	3.25 YES
L0021214	0	0.36650E-06	449243.0	3759538.7	196.2	3.49	7.44	3.25 YES
L0021215	0	0.36650E-06	449259.0	3759538.6	196.2	3.49	7.44	3.25 YES
L0021216	0	0.36650E-06	449275.0	3759538.4	196.2	3.49	7.44	3.25 YES
L0021217	0	0.36650E-06	449291.0	3759538.3	196.2	3.49	7.44	3.25 YES
L0021218	0	0.36650E-06	449307.0	3759538.1	196.1	3.49	7.44	3.25 YES

 L0021219   0   0.36650E-06 449323.0 3759537.9   196.1   3.49   7.44
3.25   YES
 L0021220   0   0.36620E-05 442000.9 3760465.6   199.9   3.49   7.44
3.25   YES
 L0021221   0   0.36620E-05 442016.9 3760465.6   200.7   3.49   7.44
3.25   YES
 L0021222   0   0.36620E-05 442032.9 3760465.6   201.6   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0021223   0   0.36620E-05 442048.9 3760465.7   202.5   3.49   7.44
3.25   YES
 L0021224   0   0.36620E-05 442064.9 3760465.7   203.2   3.49   7.44
3.25   YES
 L0021225   0   0.36620E-05 442080.9 3760465.7   204.0   3.49   7.44
3.25   YES
 L0021226   0   0.36620E-05 442096.9 3760465.7   204.8   3.49   7.44
3.25   YES
 L0021227   0   0.36620E-05 442112.9 3760465.7   205.6   3.49   7.44
3.25   YES
 L0021228   0   0.36620E-05 442128.9 3760465.7   206.0   3.49   7.44
3.25   YES
 L0021229   0   0.36620E-05 442144.9 3760465.7   206.2   3.49   7.44
3.25   YES
 L0021230   0   0.36620E-05 442160.9 3760465.8   206.4   3.49   7.44
3.25   YES
 L0021231   0   0.36620E-05 442176.9 3760465.8   206.6   3.49   7.44
3.25   YES
 L0021232   0   0.36620E-05 442192.9 3760465.8   206.8   3.49   7.44
3.25   YES

L0021233	0	0.36620E-05	442208.9	3760465.8	206.8	3.49	7.44	3.25 YES
L0021234	0	0.36620E-05	442224.9	3760465.8	206.8	3.49	7.44	3.25 YES
L0021235	0	0.36620E-05	442240.9	3760465.8	206.8	3.49	7.44	3.25 YES
L0021236	0	0.36620E-05	442256.9	3760465.8	206.8	3.49	7.44	3.25 YES
L0021237	0	0.36620E-05	442272.9	3760465.9	206.8	3.49	7.44	3.25 YES
L0021238	0	0.36620E-05	442288.9	3760465.9	206.6	3.49	7.44	3.25 YES
L0021239	0	0.36620E-05	442304.9	3760465.9	206.4	3.49	7.44	3.25 YES
L0021240	0	0.36620E-05	442320.9	3760465.9	206.2	3.49	7.44	3.25 YES
L0021241	0	0.36620E-05	442336.9	3760465.9	206.0	3.49	7.44	3.25 YES
L0021242	0	0.36620E-05	442352.9	3760465.9	205.7	3.49	7.44	3.25 YES
L0021243	0	0.36620E-05	442368.9	3760465.9	205.5	3.49	7.44	3.25 YES
L0021244	0	0.36620E-05	442384.9	3760466.0	205.3	3.49	7.44	3.25 YES
L0021245	0	0.36620E-05	442400.9	3760466.0	205.1	3.49	7.44	3.25 YES
L0021246	0	0.36620E-05	442416.9	3760466.0	204.9	3.49	7.44	3.25 YES
L0021247	0	0.36620E-05	442432.9	3760466.0	204.7	3.49	7.44	3.25 YES
L0021248	0	0.36620E-05	442448.9	3760466.0	204.5	3.49	7.44	3.25 YES
L0021249	0	0.36620E-05	442464.9	3760466.0	204.3	3.49	7.44	3.25 YES
L0021250	0	0.36620E-05	442480.9	3760466.0	204.1	3.49	7.44	3.25 YES
L0021251	0	0.36620E-05	442496.9	3760466.1	203.9	3.49	7.44	3.25 YES
L0021252	0	0.36620E-05	442512.9	3760466.1	203.8	3.49	7.44	3.25 YES
L0021253	0	0.36620E-05	442528.9	3760466.1	203.8	3.49	7.44	3.25 YES
L0021254	0	0.36620E-05	442544.9	3760466.1	203.8	3.49	7.44	3.25 YES
L0021255	0	0.36620E-05	442560.9	3760466.1	203.8	3.49	7.44	3.25 YES
L0021256	0	0.36620E-05	442576.9	3760466.1	203.8	3.49	7.44	3.25 YES

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 L0021257         0   0.36620E-05  442592.9 3760466.2   203.8     3.49     7.44
3.25     YES
 L0021258         0   0.36620E-05  442608.9 3760466.2   203.8     3.49     7.44
3.25     YES
 L0021259         0   0.36620E-05  442624.9 3760466.2   203.8     3.49     7.44
3.25     YES
 L0021260         0   0.36620E-05  442640.9 3760466.2   203.8     3.49     7.44
3.25     YES
 L0021261         0   0.36620E-05  442656.9 3760466.2   203.8     3.49     7.44
3.25     YES
 L0021262         0   0.36620E-05  442672.9 3760466.2   203.8     3.49     7.44
3.25     YES
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0021263         0   0.36620E-05  442688.9 3760466.2   203.8     3.49     7.44
3.25     YES
 L0021264         0   0.36620E-05  442704.9 3760466.3   203.8     3.49     7.44
3.25     YES
 L0021265         0   0.36620E-05  442720.9 3760466.3   203.8     3.49     7.44
3.25     YES
 L0021266         0   0.36620E-05  442736.9 3760466.3   203.8     3.49     7.44
3.25     YES
 L0021267         0   0.36620E-05  442752.9 3760466.3   203.8     3.49     7.44
3.25     YES
 L0021268         0   0.36620E-05  442768.9 3760466.3   203.8     3.49     7.44
3.25     YES
 L0021269         0   0.36620E-05  442784.9 3760466.3   203.8     3.49     7.44
3.25     YES
 L0021270         0   0.36620E-05  442800.9 3760466.3   203.8     3.49     7.44
3.25     YES
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L0021271	0	0.36620E-05	442816.9	3760466.4	203.8	3.49	7.44	3.25 YES
L0021272	0	0.36620E-05	442832.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0021273	0	0.36620E-05	442848.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0021274	0	0.36620E-05	442864.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0021275	0	0.36620E-05	442880.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0021276	0	0.36620E-05	442896.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0021277	0	0.36620E-05	442912.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0021278	0	0.36620E-05	442928.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0021279	0	0.36620E-05	442944.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0021280	0	0.36620E-05	442960.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0021281	0	0.36620E-05	442976.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0021282	0	0.36620E-05	442992.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0021283	0	0.36620E-05	443008.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0021284	0	0.36620E-05	443024.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0021285	0	0.36620E-05	443040.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0021286	0	0.36620E-05	443056.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0021287	0	0.36620E-05	443072.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0021288	0	0.36620E-05	443088.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0021289	0	0.36620E-05	443104.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0021290	0	0.36620E-05	443120.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0021291	0	0.36620E-05	443136.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0021292	0	0.36620E-05	443152.9	3760466.7	203.9	3.49	7.44	3.25 YES
L0021293	0	0.36620E-05	443168.9	3760466.7	203.9	3.49	7.44	3.25 YES
L0021294	0	0.36620E-05	443184.9	3760466.7	203.9	3.49	7.44	3.25 YES

```
 L0021295         0   0.36620E-05  443200.9 3760466.7   203.9     3.49     7.44
3.25     YES
 L0021296         0   0.36620E-05  443216.9 3760466.7   203.9     3.49     7.44
3.25     YES
 L0021297         0   0.36620E-05  443232.9 3760466.7   203.9     3.49     7.44
3.25     YES
 L0021298         0   0.36620E-05  443248.9 3760466.7   203.9     3.49     7.44
3.25     YES
 L0021299         0   0.36620E-05  443264.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0021300         0   0.36620E-05  443280.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0021301         0   0.36620E-05  443296.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0021302         0   0.36620E-05  443312.9 3760466.8   203.9     3.49     7.44
3.25     YES
```



```
                                                    *** VOLUME SOURCE DATA ***

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

 L0021303         0   0.36620E-05  443328.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0021304         0   0.36620E-05  443344.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0021305         0   0.36620E-05  443360.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0021306         0   0.36620E-05  443376.9 3760466.9   203.9     3.49     7.44
3.25     YES
 L0021307         0   0.36620E-05  443392.9 3760466.9   203.9     3.49     7.44
3.25     YES
 L0021308         0   0.36620E-05  443408.9 3760466.9   203.9     3.49     7.44
3.25     YES
```

L0021309	0	0.36620E-05	443424.9	3760466.9	203.9	3.49	7.44	3.25 YES
L0021310	0	0.36620E-05	443440.9	3760466.9	203.9	3.49	7.44	3.25 YES
L0021311	0	0.36620E-05	443456.9	3760466.9	203.9	3.49	7.44	3.25 YES
L0021312	0	0.36620E-05	443472.9	3760466.9	203.9	3.49	7.44	3.25 YES
L0021313	0	0.36620E-05	443488.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0021314	0	0.36620E-05	443504.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0021315	0	0.36620E-05	443520.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0021316	0	0.36620E-05	443536.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0021317	0	0.36620E-05	443552.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0021318	0	0.36620E-05	443568.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0021319	0	0.36620E-05	443584.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0021320	0	0.36620E-05	443600.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0021321	0	0.36620E-05	443616.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0021322	0	0.36620E-05	443632.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0021323	0	0.36620E-05	443648.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0021324	0	0.36620E-05	443664.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0021325	0	0.36620E-05	443680.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0021326	0	0.36620E-05	443696.9	3760467.2	203.9	3.49	7.44	3.25 YES
L0021327	0	0.36620E-05	443712.9	3760467.2	203.9	3.49	7.44	3.25 YES
L0021328	0	0.36620E-05	443728.9	3760467.2	203.9	3.49	7.44	3.25 YES
L0021329	0	0.36620E-05	443744.9	3760467.2	204.2	3.49	7.44	3.25 YES
L0021330	0	0.36620E-05	443760.9	3760467.2	204.6	3.49	7.44	3.25 YES
L0021331	0	0.36620E-05	443776.9	3760467.2	205.0	3.49	7.44	3.25 YES
L0021332	0	0.36620E-05	443792.9	3760467.2	205.4	3.49	7.44	3.25 YES

```
 L0021333         0   0.36620E-05  443808.9 3760467.3   205.8     3.49     7.44
3.25     YES
 L0021334         0   0.36620E-05  443824.9 3760467.3   206.2     3.49     7.44
3.25     YES
 L0021335         0   0.36620E-05  443840.9 3760467.3   206.7     3.49     7.44
3.25     YES
 L0021336         0   0.36620E-05  443856.9 3760467.3   207.1     3.49     7.44
3.25     YES
 L0021337         0   0.36620E-05  443872.9 3760467.3   207.5     3.49     7.44
3.25     YES
 L0021338         0   0.36620E-05  443888.9 3760467.3   207.9     3.49     7.44
3.25     YES
 L0021339         0   0.36620E-05  443904.9 3760467.3   207.9     3.49     7.44
3.25     YES
 L0021340         0   0.36620E-05  443920.9 3760467.4   207.9     3.49     7.44
3.25     YES
```


*** AREA SOURCE DATA ***

```
               NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM
Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF AREA
OF AREA   OF AREA     SZ     SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   (DEG.)  (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 AREA1            0   0.13413E-08  442990.5 3760487.9   204.0     4.11    197.61
647.40      0.00     0.00     YES
 AREA2            0   0.11320E-08  443199.4 3760484.2   204.0     4.11    383.92
651.17      0.00     0.00     YES
 AREA3            0   0.96551E-09  441995.9 3760828.0   201.7     4.11    781.65
298.93      0.00     0.00     YES
 AREA4            0   0.97573E-09  442000.3 3760482.6   199.9     4.11    775.01
312.22      0.00     0.00     YES
 AREA5            0   0.95896E-09  442797.4 3760495.9   204.0     4.11    197.07
635.51      0.00     0.00     YES
 AREA6            0   0.87637E-09  443625.6 3760489.2   204.0     4.11    314.43
653.22      0.00     0.00     YES
```

 AREA7   0   0.00000E+00 441989.2 3761133.6   203.5   4.11   786.08
115.14   0.00   0.00   YES
 AREA8   0   0.00000E+00 442797.4 3761138.0   206.8   4.11   190.43
117.36   0.00   0.00   YES
 AREA9   0   0.00000E+00 442990.1 3761138.0   206.0   4.11   192.64
119.57   0.00   0.00   YES
 AREA10   0   0.00000E+00 443200.4 3761144.7   205.2   4.11   374.22
110.72   0.00   0.00   YES
 AREA11   0   0.00000E+00 443623.4 3761144.7   206.0   4.11   318.86
121.79   0.00   0.00   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

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

  ALL   AREA1   , AREA2   , AREA3   , AREA4   , AREA5   ,
AREA6   , AREA7   , AREA8   ,

             AREA9   , AREA10   , AREA11   , L0018801   , L0018802   ,
L0018803   , L0018804   , L0018805   ,

             L0018806   , L0018807   , L0018808   , L0018809   , L0018810   ,
L0018811   , L0018812   , L0018813   ,

             L0018814   , L0018815   , L0018816   , L0018817   , L0018818   ,
L0018819   , L0018820   , L0018821   ,

             L0018822   , L0018823   , L0018824   , L0018825   , L0018826   ,
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L0018947 , L0018948 , L0018949 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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SRCGROUP ID	SOURCE IDs
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	L0018982 , L0018983 , L0018984 , L0018985 , L0018986 , L0018987 , L0018988 , L0018989 ,
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L0019099 , L0019100 , L0019101 ,

L0019102 , L0019103 , L0019104 , L0019105 , L0019106 ,
L0019107 , L0019108 , L0019109 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs
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L0019126 , L0019127 , L0019128 , L0019129 , L0019130 , L0019131 , L0019132 , L0019133 ,	
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L0019142 , L0019143 , L0019144 , L0019145 , L0019146 , L0019147 , L0019148 , L0019149 ,	
L0019150 , L0019151 , L0019152 , L0019153 , L0019154 ,	

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L0019163 , L0019164 , L0019165 ,

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L0019171 , L0019172 , L0019173 ,

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L0019262 , L0019263 , L0019264 , L0019265 , L0019266 ,
L0019267 , L0019268 , L0019269 ,
*** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\12004 HRA\2025 HRA\2025 HRA.ISC *** 01/10/20
*** AERMET - VERSION 16216 *** *** *** 16:53:40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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L0019929 , L0019930 , L0019931 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
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SRCGROUP ID	SOURCE IDs

L0019932 , L0019933 , L0019934 , L0019935 , L0019936 ,
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L0020084 , L0020085 , L0020086 , L0020087 , L0020088 ,

L0020089 , L0020090 , L0020091 ,
↟ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\12004 HRA\2025 HRA\2025 HRA.ISC *** 01/10/20
*** AERMET - VERSION 16216 *** *** *** 16:53:40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0020092 , L0020093 , L0020094 , L0020095 , L0020096 , L0020097 , L0020098 , L0020099 ,
	L0020100 , L0020101 , L0020102 , L0020103 , L0020104 , L0020105 , L0020106 , L0020107 ,
	L0020108 , L0020109 , L0020110 , L0020111 , L0020112 , L0020113 , L0020114 , L0020115 ,
	L0020116 , L0020117 , L0020118 , L0020119 , L0020120 , L0020121 , L0020122 , L0020123 ,
	L0020124 , L0020125 , L0020126 , L0020127 , L0020128 , L0020129 , L0020130 , L0020131 ,
	L0020132 , L0020133 , L0020134 , L0020135 , L0020136 , L0020137 , L0020138 , L0020139 ,
	L0020140 , L0020141 , L0020142 , L0020143 , L0020144 , L0020145 , L0020146 , L0020147 ,
	L0020148 , L0020149 , L0020150 , L0020151 , L0020152 , L0020153 , L0020154 , L0020155 ,
	L0020156 , L0020157 , L0020158 , L0020159 , L0020160 , L0020161 , L0020162 , L0020163 ,
	L0020164 , L0020165 , L0020166 , L0020167 , L0020168 , L0020169 , L0020170 , L0020171 ,
	L0020172 , L0020173 , L0020174 , L0020175 , L0020176 ,

L0020177 , L0020178 , L0020179 ,

L0020180 , L0020181 , L0020182 , L0020183 , L0020184 ,
L0020185 , L0020186 , L0020187 ,

L0020188 , L0020189 , L0020190 , L0020191 , L0020192 ,
L0020193 , L0020194 , L0020195 ,

L0020196 , L0020197 , L0020198 , L0020199 , L0020200 ,
L0020201 , L0020202 , L0020203 ,

L0020204 , L0020205 , L0020206 , L0020207 , L0020208 ,
L0020209 , L0020210 , L0020211 ,

L0020212 , L0020213 , L0020214 , L0020215 , L0020216 ,
L0020217 , L0020218 , L0020219 ,

L0020220 , L0020221 , L0020222 , L0020223 , L0020224 ,
L0020225 , L0020226 , L0020227 ,

L0020228 , L0020229 , L0020230 , L0020231 , L0020232 ,
L0020233 , L0020234 , L0020235 ,

L0020236 , L0020237 , L0020238 , L0020239 , L0020240 ,
L0020241 , L0020242 , L0020243 ,

L0020244 , L0020245 , L0020246 , L0020247 , L0020248 ,
L0020249 , L0020250 , L0020251 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs

L0020252 , L0020253 , L0020254 , L0020255 , L0020256 ,
L0020257 , L0020258 , L0020259 ,

L0020260 , L0020261 , L0020262 , L0020263 , L0020264 ,

L0020265 , L0020266 , L0020267 ,

L0020268 , L0020269 , L0020270 , L0020271 , L0020272 , L0020273 , L0020274 , L0020275 ,

L0020276 , L0020277 , L0020278 , L0020279 , L0020280 , L0020281 , L0020282 , L0020283 ,

L0020284 , L0020285 , L0020286 , L0020287 , L0020288 , L0020289 , L0020290 , L0020291 ,

L0020292 , L0020293 , L0020294 , L0020295 , L0020296 , L0020297 , L0020298 , L0020299 ,

L0020300 , L0020301 , L0020302 , L0020303 , L0020304 , L0020305 , L0020306 , L0020307 ,

L0020308 , L0020309 , L0020310 , L0020311 , L0020312 , L0020313 , L0020314 , L0020315 ,

L0020316 , L0020317 , L0020318 , L0020319 , L0020320 , L0020321 , L0020322 , L0020323 ,

L0020324 , L0020325 , L0020326 , L0020327 , L0020328 , L0020329 , L0020330 , L0020331 ,

L0020332 , L0020333 , L0020334 , L0020335 , L0020336 , L0020337 , L0020338 , L0020339 ,

L0020340 , L0020341 , L0020342 , L0020343 , L0020344 , L0020345 , L0020346 , L0020347 ,

L0020348 , L0020349 , L0020350 , L0020351 , L0020352 , L0020353 , L0020354 , L0020355 ,

L0020356 , L0020357 , L0020358 , L0020359 , L0020360 , L0020361 , L0020362 , L0020363 ,

L0020364 , L0020365 , L0020366 , L0020367 , L0020368 , L0020369 , L0020370 , L0020371 ,

L0020372 , L0020373 , L0020374 , L0020375 , L0020376 , L0020377 , L0020378 , L0020379 ,

L0020380 , L0020381 , L0020382 , L0020383 , L0020384 , L0020385 , L0020386 , L0020387 ,

L0020388 , L0020389 , L0020390 , L0020391 , L0020392 ,

L0020393 , L0020394 , L0020395 ,

L0020396 , L0020397 , L0020398 , L0020399 , L0020400 ,
L0020401 , L0020402 , L0020403 ,

L0020404 , L0020405 , L0020406 , L0020407 , L0020408 ,
L0020409 , L0020410 , L0020411 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs

L0020412 , L0020413 , L0020414 , L0020415 , L0020416 ,
L0020417 , L0020418 , L0020419 ,

L0020420 , L0020421 , L0020422 , L0020423 , L0020424 ,
L0020425 , L0020426 , L0020427 ,

L0020428 , L0020429 , L0020430 , L0020431 , L0020432 ,
L0020433 , L0020434 , L0020435 ,

L0020436 , L0020437 , L0020438 , L0020439 , L0020440 ,
L0020441 , L0020442 , L0020443 ,

L0020444 , L0020445 , L0020446 , L0020447 , L0020448 ,
L0020449 , L0020450 , L0020451 ,

L0020452 , L0020453 , L0020454 , L0020455 , L0020456 ,
L0020457 , L0020458 , L0020459 ,

L0020460 , L0020461 , L0020462 , L0020463 , L0020464 ,
L0020465 , L0020466 , L0020467 ,

L0020468 , L0020469 , L0020470 , L0020471 , L0020472 ,
L0020473 , L0020474 , L0020475 ,

L0020476 , L0020477 , L0020478 , L0020479 , L0020480 ,

L0020481   , L0020482   , L0020483   ,

             L0020484   , L0020485   , L0020486   , L0020487   , L0020488   ,
L0020489   , L0020490   , L0020491   ,

             L0020492   , L0020493   , L0020494   , L0020495   , L0020496   ,
L0020497   , L0020498   , L0020499   ,

             L0020500   , L0020501   , L0020502   , L0020503   , L0020504   ,
L0020505   , L0020506   , L0020507   ,

             L0020508   , L0020509   , L0020510   , L0020511   , L0020512   ,
L0020513   , L0020514   , L0020515   ,

             L0020516   , L0020517   , L0020518   , L0020519   , L0020520   ,
L0020521   , L0020522   , L0020523   ,

             L0020524   , L0020525   , L0020526   , L0020527   , L0020528   ,
L0020529   , L0020530   , L0020531   ,

             L0020532   , L0020533   , L0020534   , L0020535   , L0020536   ,
L0020537   , L0020538   , L0020539   ,

             L0020540   , L0020541   , L0020542   , L0020543   , L0020544   ,
L0020545   , L0020546   , L0020547   ,

             L0020548   , L0020549   , L0020550   , L0020551   , L0020552   ,
L0020553   , L0020554   , L0020555   ,

             L0020556   , L0020557   , L0020558   , L0020559   , L0020560   ,
L0020561   , L0020562   , L0020563   ,

             L0020564   , L0020565   , L0020566   , L0020567   , L0020568   ,
L0020569   , L0020570   , L0020571   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINING SOURCE GROUPS
***

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

L0020572 , L0020573 , L0020574 , L0020575 , L0020576 , L0020577 , L0020578 , L0020579 ,

L0020580 , L0020581 , L0020582 , L0020583 , L0020584 , L0020585 , L0020586 , L0020587 ,

L0020588 , L0020589 , L0020590 , L0020591 , L0020592 , L0020593 , L0020594 , L0020595 ,

L0020596 , L0020597 , L0020598 , L0020599 , L0020600 , L0020601 , L0020602 , L0020603 ,

L0020604 , L0020605 , L0020606 , L0020607 , L0020608 , L0020609 , L0020610 , L0020611 ,

L0020612 , L0020613 , L0020614 , L0020615 , L0020616 , L0020617 , L0020618 , L0020619 ,

L0020620 , L0020621 , L0020622 , L0020623 , L0020624 , L0020625 , L0020626 , L0020627 ,

L0020628 , L0020629 , L0020630 , L0020631 , L0020632 , L0020633 , L0020634 , L0020635 ,

L0020636 , L0020637 , L0020638 , L0020639 , L0020640 , L0020641 , L0020642 , L0020643 ,

L0020644 , L0020645 , L0020646 , L0020647 , L0020648 , L0020649 , L0020650 , L0020651 ,

L0020652 , L0020653 , L0020654 , L0020655 , L0020656 , L0020657 , L0020658 , L0020659 ,

L0020660 , L0020661 , L0020662 , L0020663 , L0020664 , L0020665 , L0020666 , L0020667 ,

L0020668 , L0020669 , L0020670 , L0020671 , L0020672 , L0020673 , L0020674 , L0020675 ,

L0020676 , L0020677 , L0020678 , L0020679 , L0020680 , L0020681 , L0020682 , L0020683 ,

L0020684 , L0020685 , L0020686 , L0020687 , L0020688 , L0020689 , L0020690 , L0020691 ,

L0020692 , L0020693 , L0020694 , L0020695 , L0020696 ,

L0020697 , L0020698 , L0020699 ,

L0020700 , L0020701 , L0020702 , L0020703 , L0020704 ,
L0020705 , L0020706 , L0020707 ,

L0020708 , L0020709 , L0020710 , L0020711 , L0020712 ,
L0020713 , L0020714 , L0020715 ,

L0020716 , L0020717 , L0020718 , L0020719 , L0020720 ,
L0020721 , L0020722 , L0020723 ,

L0020724 , L0020725 , L0020726 , L0020727 , L0020728 ,
L0020729 , L0020730 , L0020731 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs

L0020732 , L0020733 , L0020734 , L0020735 , L0020736 ,
L0020737 , L0020738 , L0020739 ,

L0020740 , L0020741 , L0020742 , L0020743 , L0020744 ,
L0020745 , L0020746 , L0020747 ,

L0020748 , L0020749 , L0020750 , L0020751 , L0020752 ,
L0020753 , L0020754 , L0020755 ,

L0020756 , L0020757 , L0020758 , L0020759 , L0020760 ,
L0020761 , L0020762 , L0020763 ,

L0020764 , L0020765 , L0020766 , L0020767 , L0020768 ,
L0020769 , L0020770 , L0020771 ,

L0020772 , L0020773 , L0020774 , L0020775 , L0020776 ,
L0020777 , L0020778 , L0020779 ,

L0020780 , L0020781 , L0020782 , L0020783 , L0020784 ,

L0020785 , L0020786 , L0020787 ,

L0020788 , L0020789 , L0020790 , L0020791 , L0020792 ,
L0020793 , L0020794 , L0020795 ,

L0020796 , L0020797 , L0020798 , L0020799 , L0020800 ,
L0020801 , L0020802 , L0020803 ,

L0020804 , L0020805 , L0020806 , L0020807 , L0020808 ,
L0020809 , L0020810 , L0020811 ,

L0020812 , L0020813 , L0020814 , L0020815 , L0020816 ,
L0020817 , L0020818 , L0020819 ,

L0020820 , L0020821 , L0020822 , L0020823 , L0020824 ,
L0020825 , L0020826 , L0020827 ,

L0020828 , L0020829 , L0020830 , L0020831 , L0020832 ,
L0020833 , L0020834 , L0020835 ,

L0020836 , L0020837 , L0020838 , L0020839 , L0020840 ,
L0020841 , L0020842 , L0020843 ,

L0020844 , L0020845 , L0020846 , L0020847 , L0020848 ,
L0020849 , L0020850 , L0020851 ,

L0020852 , L0020853 , L0020854 , L0020855 , L0020856 ,
L0020857 , L0020858 , L0020859 ,

L0020860 , L0020861 , L0020862 , L0020863 , L0020864 ,
L0020865 , L0020866 , L0020867 ,

L0020868 , L0020869 , L0020870 , L0020871 , L0020872 ,
L0020873 , L0020874 , L0020875 ,

L0020876 , L0020877 , L0020878 , L0020879 , L0020880 ,
L0020881 , L0020882 , L0020883 ,

L0020884 , L0020885 , L0020886 , L0020887 , L0020888 ,
L0020889 , L0020890 , L0020891 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0020892 , L0020893 , L0020894 , L0020895 , L0020896 , L0020897 , L0020898 , L0020899 ,
	L0020900 , L0020901 , L0020902 , L0020903 , L0020904 , L0020905 , L0020906 , L0020907 ,
	L0020908 , L0020909 , L0020910 , L0020911 , L0020912 , L0020913 , L0020914 , L0020915 ,
	L0020916 , L0020917 , L0020918 , L0020919 , L0020920 , L0020921 , L0020922 , L0020923 ,
	L0020924 , L0020925 , L0020926 , L0020927 , L0020928 , L0020929 , L0020930 , L0020931 ,
	L0020932 , L0020933 , L0020934 , L0020935 , L0020936 , L0020937 , L0020938 , L0020939 ,
	L0020940 , L0020941 , L0020942 , L0020943 , L0020944 , L0020945 , L0020946 , L0020947 ,
	L0020948 , L0020949 , L0020950 , L0020951 , L0020952 , L0020953 , L0020954 , L0020955 ,
	L0020956 , L0020957 , L0020958 , L0020959 , L0020960 , L0020961 , L0020962 , L0020963 ,
	L0020964 , L0020965 , L0020966 , L0020967 , L0020968 , L0020969 , L0020970 , L0020971 ,
	L0020972 , L0020973 , L0020974 , L0020975 , L0020976 , L0020977 , L0020978 , L0020979 ,
	L0020980 , L0020981 , L0020982 , L0020983 , L0020984 , L0020985 , L0020986 , L0020987 ,
	L0020988 , L0020989 , L0020990 , L0020991 , L0020992 , L0020993 , L0020994 , L0020995 ,
	L0020996 , L0020997 , L0020998 , L0020999 , L0021000 ,

L0021001 , L0021002 , L0021003 ,

L0021004 , L0021005 , L0021006 , L0021007 , L0021008 ,
L0021009 , L0021010 , L0021011 ,

L0021012 , L0021013 , L0021014 , L0021015 , L0021016 ,
L0021017 , L0021018 , L0021019 ,

L0021020 , L0021021 , L0021022 , L0021023 , L0021024 ,
L0021025 , L0021026 , L0021027 ,

L0021028 , L0021029 , L0021030 , L0021031 , L0021032 ,
L0021033 , L0021034 , L0021035 ,

L0021036 , L0021037 , L0021038 , L0021039 , L0021040 ,
L0021041 , L0021042 , L0021043 ,

L0021044 , L0021045 , L0021046 , L0021047 , L0021048 ,
L0021049 , L0021050 , L0021051 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs

L0021052 , L0021053 , L0021054 , L0021055 , L0021056 ,
L0021057 , L0021058 , L0021059 ,

L0021060 , L0021061 , L0021062 , L0021063 , L0021064 ,
L0021065 , L0021066 , L0021067 ,

L0021068 , L0021069 , L0021070 , L0021071 , L0021072 ,
L0021073 , L0021074 , L0021075 ,

L0021076 , L0021077 , L0021078 , L0021079 , L0021080 ,
L0021081 , L0021082 , L0021083 ,

L0021084 , L0021085 , L0021086 , L0021087 , L0021088 ,

L0021089 , L0021090 , L0021091 ,

L0021092 , L0021093 , L0021094 , L0021095 , L0021096 ,
L0021097 , L0021098 , L0021099 ,

L0021100 , L0021101 , L0021102 , L0021103 , L0021104 ,
L0021105 , L0021106 , L0021107 ,

L0021108 , L0021109 , L0021110 , L0021111 , L0021112 ,
L0021113 , L0021114 , L0021115 ,

L0021116 , L0021117 , L0021118 , L0021119 , L0021120 ,
L0021121 , L0021122 , L0021123 ,

L0021124 , L0021125 , L0021126 , L0021127 , L0021128 ,
L0021129 , L0021130 , L0021131 ,

L0021132 , L0021133 , L0021134 , L0021135 , L0021136 ,
L0021137 , L0021138 , L0021139 ,

L0021140 , L0021141 , L0021142 , L0021143 , L0021144 ,
L0021145 , L0021146 , L0021147 ,

L0021148 , L0021149 , L0021150 , L0021151 , L0021152 ,
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L0021169 , L0021170 , L0021171 ,

L0021172 , L0021173 , L0021174 , L0021175 , L0021176 ,
L0021177 , L0021178 , L0021179 ,

L0021180 , L0021181 , L0021182 , L0021183 , L0021184 ,
L0021185 , L0021186 , L0021187 ,

L0021188 , L0021189 , L0021190 , L0021191 , L0021192 ,
L0021193 , L0021194 , L0021195 ,

L0021196 , L0021197 , L0021198 , L0021199 , L0021200 ,
L0021201 , L0021202 , L0021203 ,

L0021204 , L0021205 , L0021206 , L0021207 , L0021208 ,
L0021209 , L0021210 , L0021211 ,

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs
	L0021212 , L0021213 , L0021214 , L0021215 , L0021216 , L0021217 , L0021218 , L0021219 ,
	L0021220 , L0021221 , L0021222 , L0021223 , L0021224 , L0021225 , L0021226 , L0021227 ,
	L0021228 , L0021229 , L0021230 , L0021231 , L0021232 , L0021233 , L0021234 , L0021235 ,
	L0021236 , L0021237 , L0021238 , L0021239 , L0021240 , L0021241 , L0021242 , L0021243 ,
	L0021244 , L0021245 , L0021246 , L0021247 , L0021248 , L0021249 , L0021250 , L0021251 ,
	L0021252 , L0021253 , L0021254 , L0021255 , L0021256 , L0021257 , L0021258 , L0021259 ,
	L0021260 , L0021261 , L0021262 , L0021263 , L0021264 , L0021265 , L0021266 , L0021267 ,
	L0021268 , L0021269 , L0021270 , L0021271 , L0021272 , L0021273 , L0021274 , L0021275 ,
	L0021276 , L0021277 , L0021278 , L0021279 , L0021280 , L0021281 , L0021282 , L0021283 ,
	L0021284 , L0021285 , L0021286 , L0021287 , L0021288 , L0021289 , L0021290 , L0021291 ,
	L0021292 , L0021293 , L0021294 , L0021295 , L0021296 , L0021297 , L0021298 , L0021299 ,
	L0021300 , L0021301 , L0021302 , L0021303 , L0021304 ,

L0021305 , L0021306 , L0021307 ,

L0021308 , L0021309 , L0021310 , L0021311 , L0021312 ,
L0021313 , L0021314 , L0021315 ,

L0021316 , L0021317 , L0021318 , L0021319 , L0021320 ,
L0021321 , L0021322 , L0021323 ,

L0021324 , L0021325 , L0021326 , L0021327 , L0021328 ,
L0021329 , L0021330 , L0021331 ,

L0021332 , L0021333 , L0021334 , L0021335 , L0021336 ,
L0021337 , L0021338 , L0021339 ,

L0021340 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	2035210.	AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 , AREA8 ,
		AREA9 , AREA10 , AREA11 , L0018801 , L0018802 , L0018803 , L0018804 , L0018805 ,
		L0018806 , L0018807 , L0018808 , L0018809 , L0018810 , L0018811 , L0018812 , L0018813 ,
		L0018814 , L0018815 , L0018816 , L0018817 , L0018818 , L0018819 , L0018820 , L0018821 ,
		L0018822 , L0018823 , L0018824 , L0018825 , L0018826 , L0018827 , L0018828 , L0018829 ,
		L0018830 , L0018831 , L0018832 , L0018833 , L0018834 ,

L0018835 , L0018836 , L0018837 ,

L0018838 , L0018839 , L0018840 , L0018841 , L0018842 ,
L0018843 , L0018844 , L0018845 ,

L0018846 , L0018847 , L0018848 , L0018849 , L0018850 ,
L0018851 , L0018852 , L0018853 ,

L0018854 , L0018855 , L0018856 , L0018857 , L0018858 ,
L0018859 , L0018860 , L0018861 ,

L0018862 , L0018863 , L0018864 , L0018865 , L0018866 ,
L0018867 , L0018868 , L0018869 ,

L0018870 , L0018871 , L0018872 , L0018873 , L0018874 ,
L0018875 , L0018876 , L0018877 ,

L0018878 , L0018879 , L0018880 , L0018881 , L0018882 ,
L0018883 , L0018884 , L0018885 ,

L0018886 , L0018887 , L0018888 , L0018889 , L0018890 ,
L0018891 , L0018892 , L0018893 ,

L0018894 , L0018895 , L0018896 , L0018897 , L0018898 ,
L0018899 , L0018900 , L0018901 ,

L0018902 , L0018903 , L0018904 , L0018905 , L0018906 ,
L0018907 , L0018908 , L0018909 ,

L0018910 , L0018911 , L0018912 , L0018913 , L0018914 ,
L0018915 , L0018916 , L0018917 ,

L0018918 , L0018919 , L0018920 , L0018921 , L0018922 ,
L0018923 , L0018924 , L0018925 ,

L0018926 , L0018927 , L0018928 , L0018929 , L0018930 ,
L0018931 , L0018932 , L0018933 ,

L0018934 , L0018935 , L0018936 , L0018937 , L0018938 ,
L0018939 , L0018940 , L0018941 ,

L0018942 , L0018943 , L0018944 , L0018945 , L0018946 ,
L0018947 , L0018948 , L0018949 ,
*** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\12004 HRA\2025 HRA\2025 HRA.ISC *** 01/10/20
*** AERMET - VERSION 16216 *** *** *** 16:53:40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
		L0018950 , L0018951 , L0018952 , L0018953 , L0018954 , L0018955 , L0018956 , L0018957 ,
		L0018958 , L0018959 , L0018960 , L0018961 , L0018962 , L0018963 , L0018964 , L0018965 ,
		L0018966 , L0018967 , L0018968 , L0018969 , L0018970 , L0018971 , L0018972 , L0018973 ,
		L0018974 , L0018975 , L0018976 , L0018977 , L0018978 , L0018979 , L0018980 , L0018981 ,
		L0018982 , L0018983 , L0018984 , L0018985 , L0018986 , L0018987 , L0018988 , L0018989 ,
		L0018990 , L0018991 , L0018992 , L0018993 , L0018994 , L0018995 , L0018996 , L0018997 ,
		L0018998 , L0018999 , L0019000 , L0019001 , L0019002 , L0019003 , L0019004 , L0019005 ,
		L0019006 , L0019007 , L0019008 , L0019009 , L0019010 , L0019011 , L0019012 , L0019013 ,
		L0019014 , L0019015 , L0019016 , L0019017 , L0019018 , L0019019 , L0019020 , L0019021 ,
		L0019022 , L0019023 , L0019024 , L0019025 , L0019026 , L0019027 , L0019028 , L0019029 ,
		L0019030 , L0019031 , L0019032 , L0019033 , L0019034 , L0019035 , L0019036 , L0019037 ,
		L0019038 , L0019039 , L0019040 , L0019041 , L0019042 , L0019043 , L0019044 , L0019045 ,
		L0019046 , L0019047 , L0019048 , L0019049 , L0019050 ,

L0019051 , L0019052 , L0019053 ,

L0019054 , L0019055 , L0019056 , L0019057 , L0019058 ,
L0019059 , L0019060 , L0019061 ,

L0019062 , L0019063 , L0019064 , L0019065 , L0019066 ,
L0019067 , L0019068 , L0019069 ,

L0019070 , L0019071 , L0019072 , L0019073 , L0019074 ,
L0019075 , L0019076 , L0019077 ,

L0019078 , L0019079 , L0019080 , L0019081 , L0019082 ,
L0019083 , L0019084 , L0019085 ,

L0019086 , L0019087 , L0019088 , L0019089 , L0019090 ,
L0019091 , L0019092 , L0019093 ,

L0019094 , L0019095 , L0019096 , L0019097 , L0019098 ,
L0019099 , L0019100 , L0019101 ,

L0019102 , L0019103 , L0019104 , L0019105 , L0019106 ,
L0019107 , L0019108 , L0019109 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0019110 , L0019111 , L0019112 , L0019113 , L0019114 ,
L0019115 , L0019116 , L0019117 ,

L0019118 , L0019119 , L0019120 , L0019121 , L0019122 ,
L0019123 , L0019124 , L0019125 ,

L0019126 , L0019127 , L0019128 , L0019129 , L0019130 ,
L0019131 , L0019132 , L0019133 ,

L0019134 , L0019135 , L0019136 , L0019137 , L0019138 ,

L0019139 , L0019140 , L0019141 ,

L0019142 , L0019143 , L0019144 , L0019145 , L0019146 ,
L0019147 , L0019148 , L0019149 ,

L0019150 , L0019151 , L0019152 , L0019153 , L0019154 ,
L0019155 , L0019156 , L0019157 ,

L0019158 , L0019159 , L0019160 , L0019161 , L0019162 ,
L0019163 , L0019164 , L0019165 ,

L0019166 , L0019167 , L0019168 , L0019169 , L0019170 ,
L0019171 , L0019172 , L0019173 ,

L0019174 , L0019175 , L0019176 , L0019177 , L0019178 ,
L0019179 , L0019180 , L0019181 ,

L0019182 , L0019183 , L0019184 , L0019185 , L0019186 ,
L0019187 , L0019188 , L0019189 ,

L0019190 , L0019191 , L0019192 , L0019193 , L0019194 ,
L0019195 , L0019196 , L0019197 ,

L0019198 , L0019199 , L0019200 , L0019201 , L0019202 ,
L0019203 , L0019204 , L0019205 ,

L0019206 , L0019207 , L0019208 , L0019209 , L0019210 ,
L0019211 , L0019212 , L0019213 ,

L0019214 , L0019215 , L0019216 , L0019217 , L0019218 ,
L0019219 , L0019220 , L0019221 ,

L0019222 , L0019223 , L0019224 , L0019225 , L0019226 ,
L0019227 , L0019228 , L0019229 ,

L0019230 , L0019231 , L0019232 , L0019233 , L0019234 ,
L0019235 , L0019236 , L0019237 ,

L0019238 , L0019239 , L0019240 , L0019241 , L0019242 ,
L0019243 , L0019244 , L0019245 ,

L0019246 , L0019247 , L0019248 , L0019249 , L0019250 ,
L0019251 , L0019252 , L0019253 ,

L0019254 , L0019255 , L0019256 , L0019257 , L0019258 ,
L0019259 , L0019260 , L0019261 ,

L0019262 , L0019263 , L0019264 , L0019265 , L0019266 ,

L0019267 , L0019268 , L0019269 ,
↟ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\12004 HRA\2025 HRA\2025 HRA.ISC *** 01/10/20
*** AERMET - VERSION 16216 *** ***
*** 16:53:40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
		L0019270 , L0019271 , L0019272 , L0019273 , L0019274 , L0019275 , L0019276 , L0019277 ,
		L0019278 , L0019279 , L0019280 , L0019281 , L0019282 , L0019283 , L0019284 , L0019285 ,
		L0019286 , L0019287 , L0019288 , L0019289 , L0019290 , L0019291 , L0019292 , L0019293 ,
		L0019294 , L0019295 , L0019296 , L0019297 , L0019298 , L0019299 , L0019300 , L0019301 ,
		L0019302 , L0019805 , L0019806 , L0019807 , L0019808 , L0019809 , L0019810 , L0019811 ,
		L0019812 , L0019813 , L0019814 , L0019815 , L0019816 , L0019817 , L0019818 , L0019819 ,
		L0019820 , L0019821 , L0019822 , L0019823 , L0019824 , L0019825 , L0019826 , L0019827 ,
		L0019828 , L0019829 , L0019830 , L0019831 , L0019832 , L0019833 , L0019834 , L0019835 ,
		L0019836 , L0019837 , L0019838 , L0019839 , L0019840 , L0019841 , L0019842 , L0019843 ,
		L0019844 , L0019845 , L0019846 , L0019847 , L0019848 , L0019849 , L0019850 , L0019851 ,
		L0019852 , L0019853 , L0019854 , L0019855 , L0019856 ,

L0019857 , L0019858 , L0019859 ,

L0019860 , L0019861 , L0019862 , L0019863 , L0019864 ,
L0019865 , L0019866 , L0019867 ,

L0019868 , L0019869 , L0019870 , L0019871 , L0019872 ,
L0019873 , L0019874 , L0019875 ,

L0019876 , L0019877 , L0019878 , L0019879 , L0019880 ,
L0019881 , L0019882 , L0019883 ,

L0019884 , L0019885 , L0019886 , L0019887 , L0019888 ,
L0019889 , L0019890 , L0019891 ,

L0019892 , L0019893 , L0019894 , L0019895 , L0019896 ,
L0019897 , L0019898 , L0019899 ,

L0019900 , L0019901 , L0019902 , L0019903 , L0019904 ,
L0019905 , L0019906 , L0019907 ,

L0019908 , L0019909 , L0019910 , L0019911 , L0019912 ,
L0019913 , L0019914 , L0019915 ,

L0019916 , L0019917 , L0019918 , L0019919 , L0019920 ,
L0019921 , L0019922 , L0019923 ,

L0019924 , L0019925 , L0019926 , L0019927 , L0019928 ,
L0019929 , L0019930 , L0019931 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0019932 , L0019933 , L0019934 , L0019935 , L0019936 ,
L0019937 , L0019938 , L0019939 ,

L0019940 , L0019941 , L0019942 , L0019943 , L0019944 ,

L0019945 , L0019946 , L0019947 ,

L0019948 , L0019949 , L0019950 , L0019951 , L0019952 , L0019953 , L0019954 , L0019955 ,

L0019956 , L0019957 , L0019958 , L0019959 , L0019960 , L0019961 , L0019962 , L0019963 ,

L0019964 , L0019965 , L0019966 , L0019967 , L0019968 , L0019969 , L0019970 , L0019971 ,

L0019972 , L0019973 , L0019974 , L0019975 , L0019976 , L0019977 , L0019978 , L0019979 ,

L0019980 , L0019981 , L0019982 , L0019983 , L0019984 , L0019985 , L0019986 , L0019987 ,

L0019988 , L0019989 , L0019990 , L0019991 , L0019992 , L0019993 , L0019994 , L0019995 ,

L0019996 , L0019997 , L0019998 , L0019999 , L0020000 , L0020001 , L0020002 , L0020003 ,

L0020004 , L0020005 , L0020006 , L0020007 , L0020008 , L0020009 , L0020010 , L0020011 ,

L0020012 , L0020013 , L0020014 , L0020015 , L0020016 , L0020017 , L0020018 , L0020019 ,

L0020020 , L0020021 , L0020022 , L0020023 , L0020024 , L0020025 , L0020026 , L0020027 ,

L0020028 , L0020029 , L0020030 , L0020031 , L0020032 , L0020033 , L0020034 , L0020035 ,

L0020036 , L0020037 , L0020038 , L0020039 , L0020040 , L0020041 , L0020042 , L0020043 ,

L0020044 , L0020045 , L0020046 , L0020047 , L0020048 , L0020049 , L0020050 , L0020051 ,

L0020052 , L0020053 , L0020054 , L0020055 , L0020056 , L0020057 , L0020058 , L0020059 ,

L0020060 , L0020061 , L0020062 , L0020063 , L0020064 , L0020065 , L0020066 , L0020067 ,

L0020068 , L0020069 , L0020070 , L0020071 , L0020072 ,

L0020073 , L0020074 , L0020075 ,

L0020076 , L0020077 , L0020078 , L0020079 , L0020080 ,
L0020081 , L0020082 , L0020083 ,

L0020084 , L0020085 , L0020086 , L0020087 , L0020088 ,
L0020089 , L0020090 , L0020091 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0020092 , L0020093 , L0020094 , L0020095 , L0020096 ,
L0020097 , L0020098 , L0020099 ,

L0020100 , L0020101 , L0020102 , L0020103 , L0020104 ,
L0020105 , L0020106 , L0020107 ,

L0020108 , L0020109 , L0020110 , L0020111 , L0020112 ,
L0020113 , L0020114 , L0020115 ,

L0020116 , L0020117 , L0020118 , L0020119 , L0020120 ,
L0020121 , L0020122 , L0020123 ,

L0020124 , L0020125 , L0020126 , L0020127 , L0020128 ,
L0020129 , L0020130 , L0020131 ,

L0020132 , L0020133 , L0020134 , L0020135 , L0020136 ,
L0020137 , L0020138 , L0020139 ,

L0020140 , L0020141 , L0020142 , L0020143 , L0020144 ,
L0020145 , L0020146 , L0020147 ,

L0020148 , L0020149 , L0020150 , L0020151 , L0020152 ,
L0020153 , L0020154 , L0020155 ,

L0020156 , L0020157 , L0020158 , L0020159 , L0020160 ,

L0020161 , L0020162 , L0020163 ,

L0020164 , L0020165 , L0020166 , L0020167 , L0020168 ,
L0020169 , L0020170 , L0020171 ,

L0020172 , L0020173 , L0020174 , L0020175 , L0020176 ,
L0020177 , L0020178 , L0020179 ,

L0020180 , L0020181 , L0020182 , L0020183 , L0020184 ,
L0020185 , L0020186 , L0020187 ,

L0020188 , L0020189 , L0020190 , L0020191 , L0020192 ,
L0020193 , L0020194 , L0020195 ,

L0020196 , L0020197 , L0020198 , L0020199 , L0020200 ,
L0020201 , L0020202 , L0020203 ,

L0020204 , L0020205 , L0020206 , L0020207 , L0020208 ,
L0020209 , L0020210 , L0020211 ,

L0020212 , L0020213 , L0020214 , L0020215 , L0020216 ,
L0020217 , L0020218 , L0020219 ,

L0020220 , L0020221 , L0020222 , L0020223 , L0020224 ,
L0020225 , L0020226 , L0020227 ,

L0020228 , L0020229 , L0020230 , L0020231 , L0020232 ,
L0020233 , L0020234 , L0020235 ,

L0020236 , L0020237 , L0020238 , L0020239 , L0020240 ,
L0020241 , L0020242 , L0020243 ,

L0020244 , L0020245 , L0020246 , L0020247 , L0020248 ,
L0020249 , L0020250 , L0020251 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0020252 , L0020253 , L0020254 , L0020255 , L0020256 , L0020257 , L0020258 , L0020259 ,

L0020260 , L0020261 , L0020262 , L0020263 , L0020264 , L0020265 , L0020266 , L0020267 ,

L0020268 , L0020269 , L0020270 , L0020271 , L0020272 , L0020273 , L0020274 , L0020275 ,

L0020276 , L0020277 , L0020278 , L0020279 , L0020280 , L0020281 , L0020282 , L0020283 ,

L0020284 , L0020285 , L0020286 , L0020287 , L0020288 , L0020289 , L0020290 , L0020291 ,

L0020292 , L0020293 , L0020294 , L0020295 , L0020296 , L0020297 , L0020298 , L0020299 ,

L0020300 , L0020301 , L0020302 , L0020303 , L0020304 , L0020305 , L0020306 , L0020307 ,

L0020308 , L0020309 , L0020310 , L0020311 , L0020312 , L0020313 , L0020314 , L0020315 ,

L0020316 , L0020317 , L0020318 , L0020319 , L0020320 , L0020321 , L0020322 , L0020323 ,

L0020324 , L0020325 , L0020326 , L0020327 , L0020328 , L0020329 , L0020330 , L0020331 ,

L0020332 , L0020333 , L0020334 , L0020335 , L0020336 , L0020337 , L0020338 , L0020339 ,

L0020340 , L0020341 , L0020342 , L0020343 , L0020344 , L0020345 , L0020346 , L0020347 ,

L0020348 , L0020349 , L0020350 , L0020351 , L0020352 , L0020353 , L0020354 , L0020355 ,

L0020356 , L0020357 , L0020358 , L0020359 , L0020360 , L0020361 , L0020362 , L0020363 ,

L0020364 , L0020365 , L0020366 , L0020367 , L0020368 , L0020369 , L0020370 , L0020371 ,

L0020372 , L0020373 , L0020374 , L0020375 , L0020376 ,

L0020377 , L0020378 , L0020379 ,

L0020380 , L0020381 , L0020382 , L0020383 , L0020384 ,
L0020385 , L0020386 , L0020387 ,

L0020388 , L0020389 , L0020390 , L0020391 , L0020392 ,
L0020393 , L0020394 , L0020395 ,

L0020396 , L0020397 , L0020398 , L0020399 , L0020400 ,
L0020401 , L0020402 , L0020403 ,

L0020404 , L0020405 , L0020406 , L0020407 , L0020408 ,
L0020409 , L0020410 , L0020411 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0020412 , L0020413 , L0020414 , L0020415 , L0020416 ,
L0020417 , L0020418 , L0020419 ,

L0020420 , L0020421 , L0020422 , L0020423 , L0020424 ,
L0020425 , L0020426 , L0020427 ,

L0020428 , L0020429 , L0020430 , L0020431 , L0020432 ,
L0020433 , L0020434 , L0020435 ,

L0020436 , L0020437 , L0020438 , L0020439 , L0020440 ,
L0020441 , L0020442 , L0020443 ,

L0020444 , L0020445 , L0020446 , L0020447 , L0020448 ,
L0020449 , L0020450 , L0020451 ,

L0020452 , L0020453 , L0020454 , L0020455 , L0020456 ,
L0020457 , L0020458 , L0020459 ,

L0020460 , L0020461 , L0020462 , L0020463 , L0020464 ,

L0020465 , L0020466 , L0020467 ,

L0020468 , L0020469 , L0020470 , L0020471 , L0020472 ,
L0020473 , L0020474 , L0020475 ,

L0020476 , L0020477 , L0020478 , L0020479 , L0020480 ,
L0020481 , L0020482 , L0020483 ,

L0020484 , L0020485 , L0020486 , L0020487 , L0020488 ,
L0020489 , L0020490 , L0020491 ,

L0020492 , L0020493 , L0020494 , L0020495 , L0020496 ,
L0020497 , L0020498 , L0020499 ,

L0020500 , L0020501 , L0020502 , L0020503 , L0020504 ,
L0020505 , L0020506 , L0020507 ,

L0020508 , L0020509 , L0020510 , L0020511 , L0020512 ,
L0020513 , L0020514 , L0020515 ,

L0020516 , L0020517 , L0020518 , L0020519 , L0020520 ,
L0020521 , L0020522 , L0020523 ,

L0020524 , L0020525 , L0020526 , L0020527 , L0020528 ,
L0020529 , L0020530 , L0020531 ,

L0020532 , L0020533 , L0020534 , L0020535 , L0020536 ,
L0020537 , L0020538 , L0020539 ,

L0020540 , L0020541 , L0020542 , L0020543 , L0020544 ,
L0020545 , L0020546 , L0020547 ,

L0020548 , L0020549 , L0020550 , L0020551 , L0020552 ,
L0020553 , L0020554 , L0020555 ,

L0020556 , L0020557 , L0020558 , L0020559 , L0020560 ,
L0020561 , L0020562 , L0020563 ,

L0020564 , L0020565 , L0020566 , L0020567 , L0020568 ,
L0020569 , L0020570 , L0020571 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
		L0020572 , L0020573 , L0020574 , L0020575 , L0020576 , L0020577 , L0020578 , L0020579 ,
		L0020580 , L0020581 , L0020582 , L0020583 , L0020584 , L0020585 , L0020586 , L0020587 ,
		L0020588 , L0020589 , L0020590 , L0020591 , L0020592 , L0020593 , L0020594 , L0020595 ,
		L0020596 , L0020597 , L0020598 , L0020599 , L0020600 , L0020601 , L0020602 , L0020603 ,
		L0020604 , L0020605 , L0020606 , L0020607 , L0020608 , L0020609 , L0020610 , L0020611 ,
		L0020612 , L0020613 , L0020614 , L0020615 , L0020616 , L0020617 , L0020618 , L0020619 ,
		L0020620 , L0020621 , L0020622 , L0020623 , L0020624 , L0020625 , L0020626 , L0020627 ,
		L0020628 , L0020629 , L0020630 , L0020631 , L0020632 , L0020633 , L0020634 , L0020635 ,
		L0020636 , L0020637 , L0020638 , L0020639 , L0020640 , L0020641 , L0020642 , L0020643 ,
		L0020644 , L0020645 , L0020646 , L0020647 , L0020648 , L0020649 , L0020650 , L0020651 ,
		L0020652 , L0020653 , L0020654 , L0020655 , L0020656 , L0020657 , L0020658 , L0020659 ,
		L0020660 , L0020661 , L0020662 , L0020663 , L0020664 , L0020665 , L0020666 , L0020667 ,
		L0020668 , L0020669 , L0020670 , L0020671 , L0020672 , L0020673 , L0020674 , L0020675 ,
		L0020676 , L0020677 , L0020678 , L0020679 , L0020680 ,

L0020681 , L0020682 , L0020683 ,

L0020684 , L0020685 , L0020686 , L0020687 , L0020688 ,
L0020689 , L0020690 , L0020691 ,

L0020692 , L0020693 , L0020694 , L0020695 , L0020696 ,
L0020697 , L0020698 , L0020699 ,

L0020700 , L0020701 , L0020702 , L0020703 , L0020704 ,
L0020705 , L0020706 , L0020707 ,

L0020708 , L0020709 , L0020710 , L0020711 , L0020712 ,
L0020713 , L0020714 , L0020715 ,

L0020716 , L0020717 , L0020718 , L0020719 , L0020720 ,
L0020721 , L0020722 , L0020723 ,

L0020724 , L0020725 , L0020726 , L0020727 , L0020728 ,
L0020729 , L0020730 , L0020731 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0020732 , L0020733 , L0020734 , L0020735 , L0020736 ,
L0020737 , L0020738 , L0020739 ,

L0020740 , L0020741 , L0020742 , L0020743 , L0020744 ,
L0020745 , L0020746 , L0020747 ,

L0020748 , L0020749 , L0020750 , L0020751 , L0020752 ,
L0020753 , L0020754 , L0020755 ,

L0020756 , L0020757 , L0020758 , L0020759 , L0020760 ,
L0020761 , L0020762 , L0020763 ,

L0020764 , L0020765 , L0020766 , L0020767 , L0020768 ,

L0020769 , L0020770 , L0020771 ,

L0020772 , L0020773 , L0020774 , L0020775 , L0020776 ,
L0020777 , L0020778 , L0020779 ,

L0020780 , L0020781 , L0020782 , L0020783 , L0020784 ,
L0020785 , L0020786 , L0020787 ,

L0020788 , L0020789 , L0020790 , L0020791 , L0020792 ,
L0020793 , L0020794 , L0020795 ,

L0020796 , L0020797 , L0020798 , L0020799 , L0020800 ,
L0020801 , L0020802 , L0020803 ,

L0020804 , L0020805 , L0020806 , L0020807 , L0020808 ,
L0020809 , L0020810 , L0020811 ,

L0020812 , L0020813 , L0020814 , L0020815 , L0020816 ,
L0020817 , L0020818 , L0020819 ,

L0020820 , L0020821 , L0020822 , L0020823 , L0020824 ,
L0020825 , L0020826 , L0020827 ,

L0020828 , L0020829 , L0020830 , L0020831 , L0020832 ,
L0020833 , L0020834 , L0020835 ,

L0020836 , L0020837 , L0020838 , L0020839 , L0020840 ,
L0020841 , L0020842 , L0020843 ,

L0020844 , L0020845 , L0020846 , L0020847 , L0020848 ,
L0020849 , L0020850 , L0020851 ,

L0020852 , L0020853 , L0020854 , L0020855 , L0020856 ,
L0020857 , L0020858 , L0020859 ,

L0020860 , L0020861 , L0020862 , L0020863 , L0020864 ,
L0020865 , L0020866 , L0020867 ,

L0020868 , L0020869 , L0020870 , L0020871 , L0020872 ,
L0020873 , L0020874 , L0020875 ,

L0020876 , L0020877 , L0020878 , L0020879 , L0020880 ,
L0020881 , L0020882 , L0020883 ,

L0020884 , L0020885 , L0020886 , L0020887 , L0020888 ,
L0020889 , L0020890 , L0020891 ,

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

URBAN ID	URBAN POP	SOURCE IDs
		L0020892 , L0020893 , L0020894 , L0020895 , L0020896 , L0020897 , L0020898 , L0020899 ,
		L0020900 , L0020901 , L0020902 , L0020903 , L0020904 , L0020905 , L0020906 , L0020907 ,
		L0020908 , L0020909 , L0020910 , L0020911 , L0020912 , L0020913 , L0020914 , L0020915 ,
		L0020916 , L0020917 , L0020918 , L0020919 , L0020920 , L0020921 , L0020922 , L0020923 ,
		L0020924 , L0020925 , L0020926 , L0020927 , L0020928 , L0020929 , L0020930 , L0020931 ,
		L0020932 , L0020933 , L0020934 , L0020935 , L0020936 , L0020937 , L0020938 , L0020939 ,
		L0020940 , L0020941 , L0020942 , L0020943 , L0020944 , L0020945 , L0020946 , L0020947 ,
		L0020948 , L0020949 , L0020950 , L0020951 , L0020952 , L0020953 , L0020954 , L0020955 ,
		L0020956 , L0020957 , L0020958 , L0020959 , L0020960 , L0020961 , L0020962 , L0020963 ,
		L0020964 , L0020965 , L0020966 , L0020967 , L0020968 , L0020969 , L0020970 , L0020971 ,
		L0020972 , L0020973 , L0020974 , L0020975 , L0020976 , L0020977 , L0020978 , L0020979 ,
		L0020980 , L0020981 , L0020982 , L0020983 , L0020984 ,

L0020985 , L0020986 , L0020987 ,

L0020988 , L0020989 , L0020990 , L0020991 , L0020992 ,
L0020993 , L0020994 , L0020995 ,

L0020996 , L0020997 , L0020998 , L0020999 , L0021000 ,
L0021001 , L0021002 , L0021003 ,

L0021004 , L0021005 , L0021006 , L0021007 , L0021008 ,
L0021009 , L0021010 , L0021011 ,

L0021012 , L0021013 , L0021014 , L0021015 , L0021016 ,
L0021017 , L0021018 , L0021019 ,

L0021020 , L0021021 , L0021022 , L0021023 , L0021024 ,
L0021025 , L0021026 , L0021027 ,

L0021028 , L0021029 , L0021030 , L0021031 , L0021032 ,
L0021033 , L0021034 , L0021035 ,

L0021036 , L0021037 , L0021038 , L0021039 , L0021040 ,
L0021041 , L0021042 , L0021043 ,

L0021044 , L0021045 , L0021046 , L0021047 , L0021048 ,
L0021049 , L0021050 , L0021051 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0021052 , L0021053 , L0021054 , L0021055 , L0021056 ,
L0021057 , L0021058 , L0021059 ,

L0021060 , L0021061 , L0021062 , L0021063 , L0021064 ,
L0021065 , L0021066 , L0021067 ,

L0021068 , L0021069 , L0021070 , L0021071 , L0021072 ,

L0021073 , L0021074 , L0021075 ,

L0021076 , L0021077 , L0021078 , L0021079 , L0021080 , L0021081 , L0021082 , L0021083 ,

L0021084 , L0021085 , L0021086 , L0021087 , L0021088 , L0021089 , L0021090 , L0021091 ,

L0021092 , L0021093 , L0021094 , L0021095 , L0021096 , L0021097 , L0021098 , L0021099 ,

L0021100 , L0021101 , L0021102 , L0021103 , L0021104 , L0021105 , L0021106 , L0021107 ,

L0021108 , L0021109 , L0021110 , L0021111 , L0021112 , L0021113 , L0021114 , L0021115 ,

L0021116 , L0021117 , L0021118 , L0021119 , L0021120 , L0021121 , L0021122 , L0021123 ,

L0021124 , L0021125 , L0021126 , L0021127 , L0021128 , L0021129 , L0021130 , L0021131 ,

L0021132 , L0021133 , L0021134 , L0021135 , L0021136 , L0021137 , L0021138 , L0021139 ,

L0021140 , L0021141 , L0021142 , L0021143 , L0021144 , L0021145 , L0021146 , L0021147 ,

L0021148 , L0021149 , L0021150 , L0021151 , L0021152 , L0021153 , L0021154 , L0021155 ,

L0021156 , L0021157 , L0021158 , L0021159 , L0021160 , L0021161 , L0021162 , L0021163 ,

L0021164 , L0021165 , L0021166 , L0021167 , L0021168 , L0021169 , L0021170 , L0021171 ,

L0021172 , L0021173 , L0021174 , L0021175 , L0021176 , L0021177 , L0021178 , L0021179 ,

L0021180 , L0021181 , L0021182 , L0021183 , L0021184 , L0021185 , L0021186 , L0021187 ,

L0021188 , L0021189 , L0021190 , L0021191 , L0021192 , L0021193 , L0021194 , L0021195 ,

L0021196 , L0021197 , L0021198 , L0021199 , L0021200 ,

L0021201 , L0021202 , L0021203 ,

L0021204 , L0021205 , L0021206 , L0021207 , L0021208 ,
L0021209 , L0021210 , L0021211 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0021212 , L0021213 , L0021214 , L0021215 , L0021216 ,
L0021217 , L0021218 , L0021219 ,

L0021220 , L0021221 , L0021222 , L0021223 , L0021224 ,
L0021225 , L0021226 , L0021227 ,

L0021228 , L0021229 , L0021230 , L0021231 , L0021232 ,
L0021233 , L0021234 , L0021235 ,

L0021236 , L0021237 , L0021238 , L0021239 , L0021240 ,
L0021241 , L0021242 , L0021243 ,

L0021244 , L0021245 , L0021246 , L0021247 , L0021248 ,
L0021249 , L0021250 , L0021251 ,

L0021252 , L0021253 , L0021254 , L0021255 , L0021256 ,
L0021257 , L0021258 , L0021259 ,

L0021260 , L0021261 , L0021262 , L0021263 , L0021264 ,
L0021265 , L0021266 , L0021267 ,

L0021268 , L0021269 , L0021270 , L0021271 , L0021272 ,
L0021273 , L0021274 , L0021275 ,

L0021276 , L0021277 , L0021278 , L0021279 , L0021280 ,
L0021281 , L0021282 , L0021283 ,

L0021284 , L0021285 , L0021286 , L0021287 , L0021288 ,

L0021289 , L0021290 , L0021291 ,

L0021292 , L0021293 , L0021294 , L0021295 , L0021296 ,
L0021297 , L0021298 , L0021299 ,

L0021300 , L0021301 , L0021302 , L0021303 , L0021304 ,
L0021305 , L0021306 , L0021307 ,

L0021308 , L0021309 , L0021310 , L0021311 , L0021312 ,
L0021313 , L0021314 , L0021315 ,

L0021316 , L0021317 , L0021318 , L0021319 , L0021320 ,
L0021321 , L0021322 , L0021323 ,

L0021324 , L0021325 , L0021326 , L0021327 , L0021328 ,
L0021329 , L0021330 , L0021331 ,

L0021332 , L0021333 , L0021334 , L0021335 , L0021336 ,
L0021337 , L0021338 , L0021339 ,

L0021340 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(442032.3, 3761316.8, 208.2, 208.2, 0.0); (441966.0, 3761227.0, 203.0, 203.0, 0.0);
(441961.7, 3760816.6, 199.5, 199.5, 0.0); (441959.1, 3760593.9, 197.8, 197.8, 0.0);
(442439.0, 3760433.9, 204.3, 204.3, 0.0); (443950.0, 3760446.0, 207.5, 207.5, 0.0);
(443970.9, 3760748.7, 207.9, 207.9, 0.0); (442994.6, 3761308.1, 207.0, 207.0, 0.0);
(443971.5, 3760652.3, 207.0, 207.0, 0.0); (442854.1, 3760416.5, 203.3, 203.3, 0.0);
(442946.6, 3760418.1, 203.3, 203.3, 0.0); (443057.6, 3760418.1, 203.3, 203.3, 0.0);
(443140.1, 3760419.8, 203.4, 203.4, 0.0); (443252.8, 3760423.2, 203.4, 203.4, 0.0);
(443320.1, 3760423.2, 203.4, 203.4, 0.0); (443417.7,

3760424.9,   203.4,   203.4,   0.0);
     (443517.0, 3760424.9,   203.4,   203.4,   0.0);   (442267.3,
3758597.0,   189.0,   189.0,   0.0);
     (445418.0, 3765343.3,   245.8,   2735.0,   0.0);   (446052.4,
3764637.6,   240.6,   2735.0,   0.0);
     (447239.8, 3764206.7,   240.6,   2735.0,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

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

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

                                                    1.54,   3.09,   5.14,   8.23,
10.80,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

   Surface file: KCNO_V9_ADJU\KCNO_V9.SFC
                 Met Version: 16216
   Profile file: KCNO_V9_ADJU\KCNO_V9.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:   3179   Upper air station no.:   3190
                 Name: UNKNOWN   Name: UNKNOWN

                 Year: 2012   Year: 2012

 First 24 hours of scalar data
 YR MO DY JDY HR   H0   U*   W* DT/DZ ZICNV ZIMCH M-O LEN   Z0 BOWEN ALBEDO REF WS   WD   HT REF TA   HT
- -
 12 01 01   1 01   -2.3 0.067 -9.000 -9.000 -999.   41.   11.2 0.09   0.74 1.00   0.73 313.   7.9 279.2   2.0
 12 01 01   1 02   -2.7 0.070 -9.000 -9.000 -999.   44.   11.3 0.09   0.74 1.00   0.80 342.   7.9 280.9   2.0
 12 01 01   1 03   -5.6 0.098 -9.000 -9.000 -999.   73.   14.7 0.09   0.74 1.00   1.20   9.   7.9 281.4   2.0
 12 01 01   1 04   -3.5 0.078 -9.000 -9.000 -999.   52.   11.9 0.09   0.74 1.00   0.94   21.   7.9 282.0   2.0
 12 01 01   1 05   -8.4 0.119 -9.000 -9.000 -999.   99.   18.1 0.09   0.74 1.00   1.45 353.   7.9 279.9   2.0
 12 01 01   1 06   -7.6 0.113 -9.000 -9.000 -999.   91.   17.0 0.09   0.74 1.00   1.38 325.   7.9 277.5   2.0
 12 01 01   1 07   -8.0 0.117 -9.000 -9.000 -999.   96.   17.7 0.09   0.74 1.00   1.42 313.   7.9 281.4   2.0
 12 01 01   1 08   -5.2 0.101 -9.000 -9.000 -999.   77.   17.5 0.09   0.74 0.53   1.23   19.   7.9 280.9   2.0
 12 01 01   1 09   23.2 0.117 0.267 0.012   29.   97.   -6.2 0.09   0.74 0.31   0.96 318.   7.9 287.5   2.0
 12 01 01   1 10   65.2 0.101 0.531 0.014   82.   77.   -1.4 0.09   0.74 0.24   0.63 244.   7.9 291.4   2.0
 12 01 01   1 11   95.5 0.162 0.778 0.008 176. 156.   -4.0 0.09   0.74

```
0.21    1.23   91.    7.9  296.4    2.0
 12 01 01   1 12  110.8  0.197  1.018  0.005  338.  209.     -6.1  0.09   0.74
0.20    1.60   90.    7.9  299.9    2.0
 12 01 01   1 13  110.5  0.229  1.184  0.005  534.  262.     -9.6  0.09   0.74
0.20    1.98   92.    7.9  302.0    2.0
 12 01 01   1 14   94.6  0.185  1.215  0.005  674.  191.     -5.9  0.09   0.74
0.21    1.50   73.    7.9  303.1    2.0
 12 01 01   1 15   68.6  0.187  1.184  0.005  858.  194.     -8.4  0.09   0.74
0.25    1.59   64.    7.9  303.1    2.0
 12 01 01   1 16   24.9  0.255  0.862  0.005  911.  308.    -58.8  0.09   0.74
0.34    2.61   92.    7.9  300.4    2.0
 12 01 01   1 17  -13.7  0.168 -9.000 -9.000 -999.  168.     31.1  0.09   0.74
0.62    1.98  107.    7.9  295.4    2.0
 12 01 01   1 18  -26.7  0.279 -9.000 -9.000 -999.  354.     85.6  0.09   0.74
1.00    3.22  134.    7.9  291.4    2.0
 12 01 01   1 19   -8.0  0.118 -9.000 -9.000 -999.  120.     18.2  0.09   0.74
1.00    1.43   37.    7.9  290.4    2.0
 12 01 01   1 20   -7.7  0.115 -9.000 -9.000 -999.   94.     17.6  0.09   0.74
1.00    1.40   49.    7.9  287.0    2.0
 12 01 01   1 21   -9.7  0.130 -9.000 -9.000 -999.  113.     20.2  0.09   0.74
1.00    1.57   26.    7.9  288.8    2.0
 12 01 01   1 22   -4.8  0.090 -9.000 -9.000 -999.   65.     13.6  0.09   0.74
1.00    1.11   56.    7.9  284.9    2.0
 12 01 01   1 23  -11.5  0.141 -9.000 -9.000 -999.  127.     21.9  0.09   0.74
1.00    1.69   36.    7.9  282.0    2.0
 12 01 01   1 24  -16.9  0.172 -9.000 -9.000 -999.  171.     32.4  0.09   0.74
1.00    2.03   33.    7.9  279.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    7.9 1  313.    0.73   279.3   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2025
HRA\2025 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        16:53:40

                                  PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):     AREA1       , AREA2
 , AREA3       , AREA4       , AREA5       ,
                   AREA6       , AREA7       , AREA8       , AREA9       , AREA10
 , AREA11      , L0018801    , L0018802    ,
```

L0018803 , L0018804 , L0018805 , L0018806 , L0018807
, L0018808 , L0018809 , L0018810 ,
L0018811 , L0018812 , L0018813 , L0018814 , L0018815
, L0018816 , L0018817 , . . . ,

*** 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
442032.33	3761316.84	0.00185	441966.02	3761227.01	0.00219
441961.70	3760816.59	0.00576	441959.10	3760593.88	0.00783
442439.00	3760433.95	0.02016	443950.05	3760445.99	0.01642
443970.90	3760748.74	0.01079	442994.61	3761308.08	0.00351
443971.50	3760652.31	0.01131	442854.06	3760416.46	0.01686
442946.60	3760418.14	0.01749	443057.64	3760418.14	0.01788
443140.08	3760419.82	0.01825	443252.81	3760423.19	0.01889
443320.10	3760423.19	0.01880	443417.69	3760424.87	0.01892
443516.95	3760424.87	0.01842	442267.32	3758596.97	0.00095
445417.99	3765343.27	0.00094	446052.41	3764637.60	0.00042
447239.82	3764206.74	0.00036			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

ALL 1ST HIGHEST VALUE IS 0.02016 AT (442439.00, 3760433.95, 204.28, 204.28, 0.00) DC
2ND HIGHEST VALUE IS 0.01892 AT (443417.69, 3760424.87, 203.43, 203.43, 0.00) DC
3RD HIGHEST VALUE IS 0.01889 AT (443252.81, 3760423.19, 203.41, 203.41, 0.00) DC
4TH HIGHEST VALUE IS 0.01880 AT (443320.10, 3760423.19, 203.41, 203.41, 0.00) DC
5TH HIGHEST VALUE IS 0.01842 AT (443516.95, 3760424.87, 203.44, 203.44, 0.00) DC
6TH HIGHEST VALUE IS 0.01825 AT (443140.08, 3760419.82, 203.36, 203.36, 0.00) DC
7TH HIGHEST VALUE IS 0.01788 AT (443057.64, 3760418.14, 203.34, 203.34, 0.00) DC
8TH HIGHEST VALUE IS 0.01749 AT (442946.60, 3760418.14, 203.33, 203.33, 0.00) DC
9TH HIGHEST VALUE IS 0.01686 AT (442854.06, 3760416.46, 203.31, 203.31, 0.00) DC
10TH HIGHEST VALUE IS 0.01642 AT (443950.05, 3760445.99, 207.45, 207.45, 0.00) DC

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

```
A Total of            0 Fatal Error Message(s)
A Total of            7 Warning Message(s)
A Total of         1279 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          917 Calm Hours Identified

A Total of          362 Missing Hours Identified (  0.83 Percent)


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


   ********   WARNING MESSAGES   ********
SO W320    2253        APARM: Input Parameter May Be Out-of-Range for Parameter
       QS
SO W320    2254        APARM: Input Parameter May Be Out-of-Range for Parameter
       QS
SO W320    2255        APARM: Input Parameter May Be Out-of-Range for Parameter
       QS
SO W320    2256        APARM: Input Parameter May Be Out-of-Range for Parameter
       QS
SO W320    2257        APARM: Input Parameter May Be Out-of-Range for Parameter
       QS
ME W186    4334       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
ME W187    4334       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 9.8.3
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 1/10/2020
** FILE: C:\LAKES\AERMOD VIEW\12004 HRA - (01-10-20)\2026 HRA\2026 HRA.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\AERMOD VIEW\12004 HRA\2026 HRA\2026 HRA.ISC
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 2035210
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "2026 HRA.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
   LOCATION AREA1        AREA       442990.530  3760487.930      204.000
** DESCRSRC PA4: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
   LOCATION AREA2        AREA       443199.430  3760484.160      204.000
** DESCRSRC PA5: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
   LOCATION AREA3        AREA       441995.860  3760828.020      201.700
** DESCRSRC PA1: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
   LOCATION AREA4        AREA       442000.280  3760482.580      199.920
** DESCRSRC PA2: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
   LOCATION AREA5        AREA       442797.440  3760495.870      204.000
** DESCRSRC PA3: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
   LOCATION AREA6        AREA       443625.590  3760489.230      204.000
** DESCRSRC PA6: HIGH-CUBE FULFILLMENT CENTER WAREHOUSE
```

```
   LOCATION AREA7        AREA       441989.210  3761133.590      203.460
** DESCRSRC PA1A: BUSINESS PARK
   LOCATION AREA8        AREA       442797.440  3761138.020      206.810
** DESCRSRC PA3A: BUSINESS PARK
   LOCATION AREA9        AREA       442990.080  3761138.020      206.040
** DESCRSRC PA4A: BUSINESS PARK
   LOCATION AREA10       AREA       443200.440  3761144.660      205.210
** DESCRSRC PA5A: BUSINESS PARK
   LOCATION AREA11       AREA       443623.370  3761144.660      206.000
** DESCRSRC PA6A: BUSINESS PARK
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC OFF-SITE TRAVEL 20% TO EUCLID
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0004106
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 10
** 441978.551, 3760462.251, 197.94, 3.49, 7.44
** 439899.379, 3760464.876, 189.17, 3.49, 7.44
** 439888.878, 3758606.222, 180.00, 3.49, 7.44
** 439901.143, 3756982.424, 176.00, 3.49, 7.44
** 439846.186, 3756672.849, 176.00, 3.49, 7.44
** 439677.358, 3756149.358, 176.82, 3.49, 7.44
** 439643.193, 3756050.982, 177.12, 3.49, 7.44
** 439353.232, 3755139.756, 178.80, 3.49, 7.44
** 439274.871, 3754912.661, 179.00, 3.49, 7.44
** 439085.894, 3754673.175, 180.97, 3.49, 7.44
** ----------------------------------------------------------------------
   LOCATION L0021462     VOLUME   441970.551 3760462.261 198.17
   LOCATION L0021463     VOLUME   441954.551 3760462.281 197.53
   LOCATION L0021464     VOLUME   441938.551 3760462.301 197.11
   LOCATION L0021465     VOLUME   441922.551 3760462.321 196.69
   LOCATION L0021466     VOLUME   441906.551 3760462.342 196.28
   LOCATION L0021467     VOLUME   441890.551 3760462.362 195.86
   LOCATION L0021468     VOLUME   441874.551 3760462.382 195.74
   LOCATION L0021469     VOLUME   441858.551 3760462.402 195.74
   LOCATION L0021470     VOLUME   441842.551 3760462.422 195.74
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   LOCATION L0021473     VOLUME   441794.551 3760462.483 195.60
   LOCATION L0021474     VOLUME   441778.551 3760462.503 195.44
   LOCATION L0021475     VOLUME   441762.551 3760462.523 195.29
   LOCATION L0021476     VOLUME   441746.551 3760462.544 195.14
   LOCATION L0021477     VOLUME   441730.551 3760462.564 195.00
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LOCATION L0021482     VOLUME   441650.551 3760462.665 195.00
LOCATION L0021483     VOLUME   441634.551 3760462.685 195.00
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LOCATION L0021486     VOLUME   441586.552 3760462.746 195.00
LOCATION L0021487     VOLUME   441570.552 3760462.766 194.97
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LOCATION L0021489     VOLUME   441538.552 3760462.806 194.86
LOCATION L0021490     VOLUME   441522.552 3760462.826 194.80
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LOCATION L0021492     VOLUME   441490.552 3760462.867 194.72
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LOCATION L0021498     VOLUME   441394.552 3760462.988 194.71
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LOCATION L0021501     VOLUME   441346.552 3760463.049 194.71
LOCATION L0021502     VOLUME   441330.552 3760463.069 194.71
LOCATION L0021503     VOLUME   441314.552 3760463.089 194.71
LOCATION L0021504     VOLUME   441298.552 3760463.109 194.71
LOCATION L0021505     VOLUME   441282.552 3760463.130 194.71
LOCATION L0021506     VOLUME   441266.552 3760463.150 194.71
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LOCATION L0021521     VOLUME   441026.552 3760463.453 194.95
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LOCATION L0021525     VOLUME   440962.552 3760463.534 194.69
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LOCATION	L0021572	VOLUME	440210.553	3760464.483 192.65
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LOCATION	L0021594	VOLUME	439899.148	3760424.050 189.38
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LOCATION	L0021616	VOLUME	439897.160	3760072.056 186.38
LOCATION	L0021617	VOLUME	439897.069	3760056.056 186.21
LOCATION	L0021618	VOLUME	439896.979	3760040.057 186.04
LOCATION	L0021619	VOLUME	439896.889	3760024.057 185.89
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LOCATION	L0021621	VOLUME	439896.708	3759992.057 185.61

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LOCATION	L0021626	VOLUME	439896.256	3759912.059	185.13
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LOCATION	L0021656	VOLUME	439893.544	3759432.066	184.46
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LOCATION	L0021678	VOLUME	439891.555	3759080.072 182.65
LOCATION	L0021679	VOLUME	439891.465	3759064.072 182.47
LOCATION	L0021680	VOLUME	439891.374	3759048.072 182.30
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LOCATION	L0021688	VOLUME	439890.651	3758920.074 181.00
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LOCATION	L0021714	VOLUME	439889.650	3758504.082 179.41
LOCATION	L0021715	VOLUME	439889.771	3758488.083 179.24
LOCATION	L0021716	VOLUME	439889.891	3758472.083 179.07
LOCATION	L0021717	VOLUME	439890.012	3758456.084 179.00

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LOCATION	L0021724	VOLUME	439890.858	3758344.087	178.68
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LOCATION	L0021739	VOLUME	439892.671	3758104.094	177.08
LOCATION	L0021740	VOLUME	439892.792	3758088.094	177.00
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LOCATION	L0021742	VOLUME	439893.033	3758056.095	177.00
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LOCATION	L0021760	VOLUME	439895.209	3757768.103	176.00
LOCATION	L0021761	VOLUME	439895.330	3757752.104	176.00
LOCATION	L0021762	VOLUME	439895.450	3757736.104	176.00
LOCATION	L0021763	VOLUME	439895.571	3757720.105	176.00
LOCATION	L0021764	VOLUME	439895.692	3757704.105	176.00
LOCATION	L0021765	VOLUME	439895.813	3757688.106	176.00

LOCATION	L0021766	VOLUME	439895.934	3757672.106 176.00
LOCATION	L0021767	VOLUME	439896.055	3757656.107 176.00
LOCATION	L0021768	VOLUME	439896.176	3757640.107 176.00
LOCATION	L0021769	VOLUME	439896.296	3757624.107 176.00
LOCATION	L0021770	VOLUME	439896.417	3757608.108 176.00
LOCATION	L0021771	VOLUME	439896.538	3757592.108 176.00
LOCATION	L0021772	VOLUME	439896.659	3757576.109 176.00
LOCATION	L0021773	VOLUME	439896.780	3757560.109 176.00
LOCATION	L0021774	VOLUME	439896.901	3757544.110 176.00
LOCATION	L0021775	VOLUME	439897.022	3757528.110 176.00
LOCATION	L0021776	VOLUME	439897.142	3757512.111 176.00
LOCATION	L0021777	VOLUME	439897.263	3757496.111 176.00
LOCATION	L0021778	VOLUME	439897.384	3757480.112 176.00
LOCATION	L0021779	VOLUME	439897.505	3757464.112 176.00
LOCATION	L0021780	VOLUME	439897.626	3757448.112 176.00
LOCATION	L0021781	VOLUME	439897.747	3757432.113 176.00
LOCATION	L0021782	VOLUME	439897.867	3757416.113 176.00
LOCATION	L0021783	VOLUME	439897.988	3757400.114 176.00
LOCATION	L0021784	VOLUME	439898.109	3757384.114 176.00
LOCATION	L0021785	VOLUME	439898.230	3757368.115 176.00
LOCATION	L0021786	VOLUME	439898.351	3757352.115 176.00
LOCATION	L0021787	VOLUME	439898.472	3757336.116 176.00
LOCATION	L0021788	VOLUME	439898.593	3757320.116 176.00
LOCATION	L0021789	VOLUME	439898.713	3757304.117 176.00
LOCATION	L0021790	VOLUME	439898.834	3757288.117 176.00
LOCATION	L0021791	VOLUME	439898.955	3757272.118 176.00
LOCATION	L0021792	VOLUME	439899.076	3757256.118 176.00
LOCATION	L0021793	VOLUME	439899.197	3757240.118 176.00
LOCATION	L0021794	VOLUME	439899.318	3757224.119 176.00
LOCATION	L0021795	VOLUME	439899.439	3757208.119 176.00
LOCATION	L0021796	VOLUME	439899.559	3757192.120 176.00
LOCATION	L0021797	VOLUME	439899.680	3757176.120 176.00
LOCATION	L0021798	VOLUME	439899.801	3757160.121 176.00
LOCATION	L0021799	VOLUME	439899.922	3757144.121 176.00
LOCATION	L0021800	VOLUME	439900.043	3757128.122 176.00
LOCATION	L0021801	VOLUME	439900.164	3757112.122 176.00
LOCATION	L0021802	VOLUME	439900.284	3757096.123 176.00
LOCATION	L0021803	VOLUME	439900.405	3757080.123 176.00
LOCATION	L0021804	VOLUME	439900.526	3757064.123 176.00
LOCATION	L0021805	VOLUME	439900.647	3757048.124 176.00
LOCATION	L0021806	VOLUME	439900.768	3757032.124 176.00
LOCATION	L0021807	VOLUME	439900.889	3757016.125 176.00
LOCATION	L0021808	VOLUME	439901.010	3757000.125 176.00
LOCATION	L0021809	VOLUME	439901.130	3756984.126 176.00
LOCATION	L0021810	VOLUME	439898.644	3756968.346 176.00
LOCATION	L0021811	VOLUME	439895.847	3756952.592 176.00
LOCATION	L0021812	VOLUME	439893.051	3756936.839 176.00
LOCATION	L0021813	VOLUME	439890.254	3756921.085 176.00

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LOCATION L0021814     VOLUME   439887.457 3756905.331 176.00
LOCATION L0021815     VOLUME   439884.661 3756889.577 176.00
LOCATION L0021816     VOLUME   439881.864 3756873.824 176.00
LOCATION L0021817     VOLUME   439879.067 3756858.070 176.00
LOCATION L0021818     VOLUME   439876.271 3756842.316 176.00
LOCATION L0021819     VOLUME   439873.474 3756826.563 176.00
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LOCATION L0021826     VOLUME   439853.897 3756716.287 176.00
LOCATION L0021827     VOLUME   439851.100 3756700.533 176.00
LOCATION L0021828     VOLUME   439848.304 3756684.780 176.00
LOCATION L0021829     VOLUME   439844.994 3756669.154 176.00
LOCATION L0021830     VOLUME   439840.083 3756653.926 176.00
LOCATION L0021831     VOLUME   439835.172 3756638.698 176.00
LOCATION L0021832     VOLUME   439830.261 3756623.471 176.00
LOCATION L0021833     VOLUME   439825.350 3756608.243 176.00
LOCATION L0021834     VOLUME   439820.439 3756593.015 176.00
LOCATION L0021835     VOLUME   439815.528 3756577.787 176.00
LOCATION L0021836     VOLUME   439810.617 3756562.560 176.00
LOCATION L0021837     VOLUME   439805.706 3756547.332 176.00
LOCATION L0021838     VOLUME   439800.795 3756532.104 176.00
LOCATION L0021839     VOLUME   439795.884 3756516.877 176.00
LOCATION L0021840     VOLUME   439790.973 3756501.649 176.00
LOCATION L0021841     VOLUME   439786.062 3756486.421 176.00
LOCATION L0021842     VOLUME   439781.151 3756471.194 176.01
LOCATION L0021843     VOLUME   439776.240 3756455.966 176.08
LOCATION L0021844     VOLUME   439771.329 3756440.738 176.14
LOCATION L0021845     VOLUME   439766.418 3756425.511 176.20
LOCATION L0021846     VOLUME   439761.507 3756410.283 176.26
LOCATION L0021847     VOLUME   439756.596 3756395.055 176.33
LOCATION L0021848     VOLUME   439751.685 3756379.828 176.39
LOCATION L0021849     VOLUME   439746.774 3756364.600 176.45
LOCATION L0021850     VOLUME   439741.863 3756349.372 176.51
LOCATION L0021851     VOLUME   439736.953 3756334.145 176.58
LOCATION L0021852     VOLUME   439732.042 3756318.917 176.64
LOCATION L0021853     VOLUME   439727.131 3756303.689 176.70
LOCATION L0021854     VOLUME   439722.220 3756288.461 176.76
LOCATION L0021855     VOLUME   439717.309 3756273.234 176.83
LOCATION L0021856     VOLUME   439712.398 3756258.006 176.89
LOCATION L0021857     VOLUME   439707.487 3756242.778 176.95
LOCATION L0021858     VOLUME   439702.576 3756227.551 177.00
LOCATION L0021859     VOLUME   439697.665 3756212.323 177.00
LOCATION L0021860     VOLUME   439692.754 3756197.095 177.00
LOCATION L0021861     VOLUME   439687.843 3756181.868 177.00
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LOCATION L0021863     VOLUME   439678.021 3756151.412 177.00
LOCATION L0021864     VOLUME   439672.817 3756136.283 177.00
LOCATION L0021865     VOLUME   439667.568 3756121.168 177.00
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LOCATION L0021867     VOLUME   439657.070 3756090.939 177.00
LOCATION L0021868     VOLUME   439651.821 3756075.825 177.00
LOCATION L0021869     VOLUME   439646.571 3756060.710 177.00
LOCATION L0021870     VOLUME   439641.464 3756045.549 177.00
LOCATION L0021871     VOLUME   439636.612 3756030.302 177.00
LOCATION L0021872     VOLUME   439631.761 3756015.055 177.00
LOCATION L0021873     VOLUME   439626.909 3755999.809 177.00
LOCATION L0021874     VOLUME   439622.057 3755984.562 177.04
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LOCATION L0021876     VOLUME   439612.354 3755954.069 177.16
LOCATION L0021877     VOLUME   439607.502 3755938.822 177.22
LOCATION L0021878     VOLUME   439602.651 3755923.575 177.29
LOCATION L0021879     VOLUME   439597.799 3755908.329 177.35
LOCATION L0021880     VOLUME   439592.947 3755893.082 177.41
LOCATION L0021881     VOLUME   439588.096 3755877.835 177.47
LOCATION L0021882     VOLUME   439583.244 3755862.589 177.53
LOCATION L0021883     VOLUME   439578.393 3755847.342 177.59
LOCATION L0021884     VOLUME   439573.541 3755832.095 177.66
LOCATION L0021885     VOLUME   439568.689 3755816.848 177.72
LOCATION L0021886     VOLUME   439563.838 3755801.602 177.78
LOCATION L0021887     VOLUME   439558.986 3755786.355 177.84
LOCATION L0021888     VOLUME   439554.134 3755771.108 177.90
LOCATION L0021889     VOLUME   439549.283 3755755.862 177.96
LOCATION L0021890     VOLUME   439544.431 3755740.615 178.00
LOCATION L0021891     VOLUME   439539.579 3755725.368 178.00
LOCATION L0021892     VOLUME   439534.728 3755710.122 178.00
LOCATION L0021893     VOLUME   439529.876 3755694.875 178.00
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LOCATION L0021895     VOLUME   439520.173 3755664.382 178.00
LOCATION L0021896     VOLUME   439515.321 3755649.135 178.00
LOCATION L0021897     VOLUME   439510.470 3755633.888 178.00
LOCATION L0021898     VOLUME   439505.618 3755618.642 178.00
LOCATION L0021899     VOLUME   439500.766 3755603.395 178.00
LOCATION L0021900     VOLUME   439495.915 3755588.148 178.00
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LOCATION L0021902     VOLUME   439486.211 3755557.655 178.00
LOCATION L0021903     VOLUME   439481.360 3755542.408 178.00
LOCATION L0021904     VOLUME   439476.508 3755527.161 178.00
LOCATION L0021905     VOLUME   439471.656 3755511.915 178.00
LOCATION L0021906     VOLUME   439466.805 3755496.668 178.00
LOCATION L0021907     VOLUME   439461.953 3755481.421 178.00
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LOCATION L0021909     VOLUME   439452.250 3755450.928 178.00
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LOCATION	L0021911	VOLUME	439442.547	3755420.435 178.00
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LOCATION	L0021913	VOLUME	439432.843	3755389.941 178.00
LOCATION	L0021914	VOLUME	439427.992	3755374.694 178.00
LOCATION	L0021915	VOLUME	439423.140	3755359.448 178.00
LOCATION	L0021916	VOLUME	439418.288	3755344.201 178.00
LOCATION	L0021917	VOLUME	439413.437	3755328.954 178.00
LOCATION	L0021918	VOLUME	439408.585	3755313.708 178.00
LOCATION	L0021919	VOLUME	439403.733	3755298.461 178.00
LOCATION	L0021920	VOLUME	439398.882	3755283.214 178.00
LOCATION	L0021921	VOLUME	439394.030	3755267.968 178.00
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LOCATION	L0021923	VOLUME	439384.327	3755237.474 178.06
LOCATION	L0021924	VOLUME	439379.475	3755222.228 178.13
LOCATION	L0021925	VOLUME	439374.624	3755206.981 178.19
LOCATION	L0021926	VOLUME	439369.772	3755191.734 178.25
LOCATION	L0021927	VOLUME	439364.920	3755176.487 178.31
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LOCATION	L0021930	VOLUME	439350.148	3755130.819 178.50
LOCATION	L0021931	VOLUME	439344.929	3755115.694 178.57
LOCATION	L0021932	VOLUME	439339.710	3755100.570 178.63
LOCATION	L0021933	VOLUME	439334.492	3755085.445 178.70
LOCATION	L0021934	VOLUME	439329.273	3755070.320 178.76
LOCATION	L0021935	VOLUME	439324.054	3755055.195 178.83
LOCATION	L0021936	VOLUME	439318.835	3755040.070 178.90
LOCATION	L0021937	VOLUME	439313.616	3755024.945 178.96
LOCATION	L0021938	VOLUME	439308.397	3755009.820 179.00
LOCATION	L0021939	VOLUME	439303.178	3754994.695 179.00
LOCATION	L0021940	VOLUME	439297.959	3754979.570 179.00
LOCATION	L0021941	VOLUME	439292.740	3754964.446 179.00
LOCATION	L0021942	VOLUME	439287.521	3754949.321 179.00
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LOCATION	L0021946	VOLUME	439259.249	3754892.863 179.00
LOCATION	L0021947	VOLUME	439249.338	3754880.303 179.00
LOCATION	L0021948	VOLUME	439239.426	3754867.742 179.00
LOCATION	L0021949	VOLUME	439229.515	3754855.182 179.01
LOCATION	L0021950	VOLUME	439219.603	3754842.621 179.04
LOCATION	L0021951	VOLUME	439209.692	3754830.061 179.12
LOCATION	L0021952	VOLUME	439199.781	3754817.500 179.23
LOCATION	L0021953	VOLUME	439189.869	3754804.940 179.37
LOCATION	L0021954	VOLUME	439179.958	3754792.380 179.55
LOCATION	L0021955	VOLUME	439170.047	3754779.819 179.76
LOCATION	L0021956	VOLUME	439160.135	3754767.259 179.94
LOCATION	L0021957	VOLUME	439150.224	3754754.698 180.06

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   LOCATION L0021958     VOLUME   439140.312 3754742.138 180.19
   LOCATION L0021959     VOLUME   439130.401 3754729.577 180.32
   LOCATION L0021960     VOLUME   439120.490 3754717.017 180.45
   LOCATION L0021961     VOLUME   439110.578 3754704.457 180.57
   LOCATION L0021962     VOLUME   439100.667 3754691.896 180.70
   LOCATION L0021963     VOLUME   439090.756 3754679.336 180.83
** END OF LINE VOLUME SOURCE ID = SLINE1
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE2
** DESCRSRC OFF-SITE TRAVEL 30% TO SR-60
** PREFIX
** LENGTH OF SIDE = 22.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0003761
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 3
** 441980.003, 3760464.922, 197.98, 3.49, 10.23
** 439892.840, 3760464.922, 189.15, 3.49, 10.23
** 439921.524, 3765756.849, 258.96, 3.49, 10.23
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   LOCATION L0021965     VOLUME   441947.003 3760464.922 197.36
   LOCATION L0021966     VOLUME   441925.003 3760464.922 196.79
   LOCATION L0021967     VOLUME   441903.003 3760464.922 196.21
   LOCATION L0021968     VOLUME   441881.003 3760464.922 195.77
   LOCATION L0021969     VOLUME   441859.003 3760464.922 195.77
   LOCATION L0021970     VOLUME   441837.003 3760464.922 195.76
   LOCATION L0021971     VOLUME   441815.003 3760464.922 195.76
   LOCATION L0021972     VOLUME   441793.003 3760464.922 195.60
   LOCATION L0021973     VOLUME   441771.003 3760464.922 195.39
   LOCATION L0021974     VOLUME   441749.003 3760464.922 195.17
   LOCATION L0021975     VOLUME   441727.003 3760464.922 195.00
   LOCATION L0021976     VOLUME   441705.003 3760464.922 195.00
   LOCATION L0021977     VOLUME   441683.003 3760464.922 195.00
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   LOCATION L0021979     VOLUME   441639.003 3760464.922 195.00
   LOCATION L0021980     VOLUME   441617.003 3760464.922 195.00
   LOCATION L0021981     VOLUME   441595.003 3760464.922 195.00
   LOCATION L0021982     VOLUME   441573.003 3760464.922 194.98
   LOCATION L0021983     VOLUME   441551.003 3760464.922 194.91
   LOCATION L0021984     VOLUME   441529.003 3760464.922 194.84
   LOCATION L0021985     VOLUME   441507.003 3760464.922 194.76
   LOCATION L0021986     VOLUME   441485.003 3760464.922 194.74
   LOCATION L0021987     VOLUME   441463.003 3760464.922 194.74
   LOCATION L0021988     VOLUME   441441.003 3760464.922 194.74
   LOCATION L0021989     VOLUME   441419.003 3760464.922 194.74
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LOCATION	L0021990	VOLUME	441397.003	3760464.922 194.74
LOCATION	L0021991	VOLUME	441375.003	3760464.922 194.73
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LOCATION	L0021993	VOLUME	441331.003	3760464.922 194.73
LOCATION	L0021994	VOLUME	441309.003	3760464.922 194.73
LOCATION	L0021995	VOLUME	441287.003	3760464.922 194.73
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LOCATION	L0022001	VOLUME	441155.003	3760464.922 194.72
LOCATION	L0022002	VOLUME	441133.003	3760464.922 194.72
LOCATION	L0022003	VOLUME	441111.003	3760464.922 194.74
LOCATION	L0022004	VOLUME	441089.003	3760464.922 194.82
LOCATION	L0022005	VOLUME	441067.003	3760464.922 194.90
LOCATION	L0022006	VOLUME	441045.003	3760464.922 194.98
LOCATION	L0022007	VOLUME	441023.003	3760464.922 194.94
LOCATION	L0022008	VOLUME	441001.003	3760464.922 194.86
LOCATION	L0022009	VOLUME	440979.003	3760464.922 194.77
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LOCATION	L0022011	VOLUME	440935.003	3760464.922 194.81
LOCATION	L0022012	VOLUME	440913.003	3760464.922 194.89
LOCATION	L0022013	VOLUME	440891.003	3760464.922 194.98
LOCATION	L0022014	VOLUME	440869.003	3760464.922 195.00
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LOCATION	L0022016	VOLUME	440825.003	3760464.922 195.00
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LOCATION	L0022018	VOLUME	440781.003	3760464.922 195.00
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LOCATION	L0022020	VOLUME	440737.003	3760464.922 195.00
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LOCATION	L0022024	VOLUME	440649.003	3760464.922 195.00
LOCATION	L0022025	VOLUME	440627.003	3760464.922 195.00
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LOCATION	L0022027	VOLUME	440583.003	3760464.922 195.00
LOCATION	L0022028	VOLUME	440561.003	3760464.922 195.00
LOCATION	L0022029	VOLUME	440539.003	3760464.922 195.00
LOCATION	L0022030	VOLUME	440517.003	3760464.922 195.00
LOCATION	L0022031	VOLUME	440495.003	3760464.922 194.98
LOCATION	L0022032	VOLUME	440473.003	3760464.922 194.88
LOCATION	L0022033	VOLUME	440451.003	3760464.922 194.79
LOCATION	L0022034	VOLUME	440429.003	3760464.922 194.69
LOCATION	L0022035	VOLUME	440407.003	3760464.922 194.46
LOCATION	L0022036	VOLUME	440385.003	3760464.922 194.17
LOCATION	L0022037	VOLUME	440363.003	3760464.922 193.88

LOCATION	L0022038	VOLUME	440341.003	3760464.922 193.59
LOCATION	L0022039	VOLUME	440319.003	3760464.922 193.31
LOCATION	L0022040	VOLUME	440297.003	3760464.922 193.02
LOCATION	L0022041	VOLUME	440275.003	3760464.922 192.73
LOCATION	L0022042	VOLUME	440253.003	3760464.922 192.66
LOCATION	L0022043	VOLUME	440231.003	3760464.922 192.66
LOCATION	L0022044	VOLUME	440209.003	3760464.922 192.65
LOCATION	L0022045	VOLUME	440187.003	3760464.922 192.58
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LOCATION	L0022047	VOLUME	440143.003	3760464.922 192.01
LOCATION	L0022048	VOLUME	440121.003	3760464.922 191.72
LOCATION	L0022049	VOLUME	440099.003	3760464.922 191.65
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LOCATION	L0022056	VOLUME	439945.003	3760464.922 190.42
LOCATION	L0022057	VOLUME	439923.003	3760464.922 190.14
LOCATION	L0022058	VOLUME	439901.003	3760464.922 189.85
LOCATION	L0022059	VOLUME	439892.915	3760478.760 189.89
LOCATION	L0022060	VOLUME	439893.034	3760500.760 190.13
LOCATION	L0022061	VOLUME	439893.154	3760522.759 190.37
LOCATION	L0022062	VOLUME	439893.273	3760544.759 190.60
LOCATION	L0022063	VOLUME	439893.392	3760566.759 190.84
LOCATION	L0022064	VOLUME	439893.511	3760588.758 191.08
LOCATION	L0022065	VOLUME	439893.631	3760610.758 191.32
LOCATION	L0022066	VOLUME	439893.750	3760632.758 191.56
LOCATION	L0022067	VOLUME	439893.869	3760654.757 191.79
LOCATION	L0022068	VOLUME	439893.988	3760676.757 192.03
LOCATION	L0022069	VOLUME	439894.108	3760698.757 192.42
LOCATION	L0022070	VOLUME	439894.227	3760720.756 192.87
LOCATION	L0022071	VOLUME	439894.346	3760742.756 193.32
LOCATION	L0022072	VOLUME	439894.465	3760764.756 193.77
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LOCATION	L0022074	VOLUME	439894.704	3760808.755 194.32
LOCATION	L0022075	VOLUME	439894.823	3760830.755 194.53
LOCATION	L0022076	VOLUME	439894.942	3760852.754 194.74
LOCATION	L0022077	VOLUME	439895.062	3760874.754 194.97
LOCATION	L0022078	VOLUME	439895.181	3760896.754 195.24
LOCATION	L0022079	VOLUME	439895.300	3760918.753 195.50
LOCATION	L0022080	VOLUME	439895.419	3760940.753 195.76
LOCATION	L0022081	VOLUME	439895.539	3760962.753 196.02
LOCATION	L0022082	VOLUME	439895.658	3760984.752 196.26
LOCATION	L0022083	VOLUME	439895.777	3761006.752 196.50
LOCATION	L0022084	VOLUME	439895.896	3761028.752 196.74
LOCATION	L0022085	VOLUME	439896.016	3761050.751 196.97

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   LOCATION L0022297     VOLUME   439921.296 3765714.683 256.71
   LOCATION L0022298     VOLUME   439921.415 3765736.683 258.15
** END OF LINE VOLUME SOURCE ID = SLINE2
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE3
** DESCRSRC OFF-SITE TRAVEL 50% TO ARCHIBALD
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0001063
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 10
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** END OF LINE VOLUME SOURCE ID = SLINE3
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE4
** DESCRSRC OFF-SITE TRAVEL 20% TO I-15
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.000196
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
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LOCATION L0022659     VOLUME   448026.461 3762388.345 224.25
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   LOCATION L0022736     VOLUME   449230.507 3762560.830 220.81
   LOCATION L0022737     VOLUME   449245.598 3762566.146 220.93
** END OF LINE VOLUME SOURCE ID = SLINE4
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE5
** DESCRSRC OFF-SITE TRAVEL 20% TO SR-60
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00018
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 5
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** 445206.092, 3762008.161, 212.13, 3.49, 7.44
** 445222.595, 3762957.685, 221.89, 3.49, 7.44
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LOCATION L0022963     VOLUME   445238.972 3764024.715 235.34
LOCATION L0022964     VOLUME   445239.217 3764040.713 235.12
LOCATION L0022965     VOLUME   445239.463 3764056.712 234.89
LOCATION L0022966     VOLUME   445239.708 3764072.710 234.69
LOCATION L0022967     VOLUME   445239.954 3764088.708 234.62
LOCATION L0022968     VOLUME   445240.200 3764104.706 234.55
LOCATION L0022969     VOLUME   445240.445 3764120.704 234.48
LOCATION L0022970     VOLUME   445240.691 3764136.702 234.41
LOCATION L0022971     VOLUME   445240.936 3764152.700 234.35
LOCATION L0022972     VOLUME   445241.182 3764168.698 234.71
LOCATION L0022973     VOLUME   445241.427 3764184.696 235.75
LOCATION L0022974     VOLUME   445241.673 3764200.695 236.79
LOCATION L0022975     VOLUME   445241.918 3764216.693 237.84
LOCATION L0022976     VOLUME   445242.164 3764232.691 238.88
LOCATION L0022977     VOLUME   445242.409 3764248.689 239.92
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LOCATION	L0022978	VOLUME	445242.655	3764264.687	240.29
LOCATION	L0022979	VOLUME	445242.901	3764280.685	240.23
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LOCATION	L0022981	VOLUME	445243.304	3764312.682	240.12
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LOCATION	L0022983	VOLUME	445243.529	3764344.682	240.01
LOCATION	L0022984	VOLUME	445243.641	3764360.681	239.57
LOCATION	L0022985	VOLUME	445243.754	3764376.681	239.05
LOCATION	L0022986	VOLUME	445243.866	3764392.680	238.53
LOCATION	L0022987	VOLUME	445243.979	3764408.680	238.01
LOCATION	L0022988	VOLUME	445244.091	3764424.680	237.49
LOCATION	L0022989	VOLUME	445244.203	3764440.679	237.00
LOCATION	L0022990	VOLUME	445244.316	3764456.679	237.00
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LOCATION	L0022998	VOLUME	445245.215	3764584.676	239.85
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LOCATION	L0023003	VOLUME	445245.777	3764664.674	241.86
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LOCATION	L0023005	VOLUME	445246.002	3764696.673	241.74
LOCATION	L0023006	VOLUME	445246.114	3764712.672	241.68
LOCATION	L0023007	VOLUME	445246.227	3764728.672	241.54
LOCATION	L0023008	VOLUME	445246.339	3764744.672	241.37
LOCATION	L0023009	VOLUME	445246.451	3764760.671	241.19
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LOCATION	L0023011	VOLUME	445246.676	3764792.671	240.85
LOCATION	L0023012	VOLUME	445246.789	3764808.670	240.68
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LOCATION	L0023017	VOLUME	445247.351	3764888.668	245.25
LOCATION	L0023018	VOLUME	445247.463	3764904.668	246.03
LOCATION	L0023019	VOLUME	445247.576	3764920.667	246.21
LOCATION	L0023020	VOLUME	445247.688	3764936.667	246.38
LOCATION	L0023021	VOLUME	445247.800	3764952.667	246.55
LOCATION	L0023022	VOLUME	445247.913	3764968.666	246.72
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   LOCATION L0023035     VOLUME   445249.374 3765176.661 246.36
   LOCATION L0023036     VOLUME   445249.486 3765192.661 246.39
   LOCATION L0023037     VOLUME   445249.599 3765208.660 246.44
   LOCATION L0023038     VOLUME   445249.711 3765224.660 246.50
   LOCATION L0023039     VOLUME   445249.824 3765240.659 246.55
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   LOCATION L0023043     VOLUME   445250.273 3765304.658 246.66
   LOCATION L0023044     VOLUME   445250.386 3765320.657 246.66
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   LOCATION L0023046     VOLUME   445250.611 3765352.657 246.66
   LOCATION L0023047     VOLUME   445250.723 3765368.656 246.80
   LOCATION L0023048     VOLUME   445250.835 3765384.656 247.27
   LOCATION L0023049     VOLUME   445250.948 3765400.656 247.73
   LOCATION L0023050     VOLUME   445251.060 3765416.655 248.20
   LOCATION L0023051     VOLUME   445251.173 3765432.655 248.66
   LOCATION L0023052     VOLUME   445251.285 3765448.654 249.13
   LOCATION L0023053     VOLUME   445251.397 3765464.654 249.87
   LOCATION L0023054     VOLUME   445251.510 3765480.654 250.85
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   LOCATION L0023057     VOLUME   445251.847 3765528.652 253.79
   LOCATION L0023058     VOLUME   445251.959 3765544.652 254.77
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   LOCATION L0023063     VOLUME   445252.521 3765624.650 255.00
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   LOCATION L0023065     VOLUME   445252.746 3765656.649 254.83
   LOCATION L0023066     VOLUME   445252.859 3765672.649 254.66
   LOCATION L0023067     VOLUME   445252.971 3765688.648 254.48
   LOCATION L0023068     VOLUME   445253.084 3765704.648 254.31
** END OF LINE VOLUME SOURCE ID = SLINE5
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE6
** DESCRSRC OFF-SITE TRAVEL 10% TO I-15
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** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00008426
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 15
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   LOCATION L0023074     VOLUME   445197.197 3760323.996 204.43
   LOCATION L0023075     VOLUME   445196.826 3760308.000 204.26
   LOCATION L0023076     VOLUME   445196.455 3760292.005 204.09
   LOCATION L0023077     VOLUME   445196.084 3760276.009 203.92
   LOCATION L0023078     VOLUME   445195.713 3760260.013 203.75
   LOCATION L0023079     VOLUME   445195.342 3760244.017 203.58
   LOCATION L0023080     VOLUME   445194.970 3760228.022 203.41
   LOCATION L0023081     VOLUME   445194.599 3760212.026 203.24
   LOCATION L0023082     VOLUME   445194.228 3760196.030 203.07
   LOCATION L0023083     VOLUME   445193.857 3760180.035 202.91
   LOCATION L0023084     VOLUME   445193.486 3760164.039 202.74
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   LOCATION L0023086     VOLUME   445192.744 3760132.048 202.41
   LOCATION L0023087     VOLUME   445192.372 3760116.052 202.24
   LOCATION L0023088     VOLUME   445192.001 3760100.056 202.08
   LOCATION L0023089     VOLUME   445191.630 3760084.061 202.05
   LOCATION L0023090     VOLUME   445191.259 3760068.065 202.05
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LOCATION L0023098     VOLUME   445188.294 3759940.099 201.36
LOCATION L0023099     VOLUME   445188.122 3759924.100 201.19
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LOCATION L0023102     VOLUME   445187.606 3759876.103 200.67
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LOCATION L0023106     VOLUME   445195.818 3759812.678 199.87
LOCATION L0023107     VOLUME   445197.989 3759796.826 199.67
LOCATION L0023108     VOLUME   445200.161 3759780.974 199.47
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LOCATION L0023112     VOLUME   445203.894 3759717.121 198.73
LOCATION L0023113     VOLUME   445204.583 3759701.136 198.55
LOCATION L0023114     VOLUME   445205.272 3759685.151 198.36
LOCATION L0023115     VOLUME   445205.610 3759669.155 198.18
LOCATION L0023116     VOLUME   445205.941 3759653.158 198.01
LOCATION L0023117     VOLUME   445206.272 3759637.162 197.83
LOCATION L0023118     VOLUME   445206.603 3759621.165 197.65
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LOCATION L0023123     VOLUME   445244.067 3759577.803 196.69
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LOCATION L0023126     VOLUME   445292.067 3759577.887 196.58
LOCATION L0023127     VOLUME   445308.067 3759577.915 196.71
LOCATION L0023128     VOLUME   445324.067 3759577.943 196.84
LOCATION L0023129     VOLUME   445340.067 3759577.971 196.96
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LOCATION L0023136     VOLUME   445452.067 3759578.165 199.80
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LOCATION L0023141     VOLUME   445532.067 3759578.305 201.27
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LOCATION L0023177     VOLUME   446108.064 3759578.750 200.45
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LOCATION L0023179     VOLUME   446140.062 3759578.462 200.45
LOCATION L0023180     VOLUME   446156.062 3759578.318 200.45
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LOCATION L0023187     VOLUME   446268.057 3759577.310 199.45
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LOCATION L0023189     VOLUME   446300.056 3759577.022 199.44
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LOCATION L0023213     VOLUME   446684.040 3759573.565 198.43
LOCATION L0023214     VOLUME   446700.040 3759573.421 198.43
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LOCATION L0023220     VOLUME   446796.036 3759572.556 198.42
LOCATION L0023221     VOLUME   446812.035 3759572.412 198.42
LOCATION L0023222     VOLUME   446828.035 3759572.268 198.42
LOCATION L0023223     VOLUME   446844.034 3759572.124 198.42
LOCATION L0023224     VOLUME   446860.033 3759571.980 198.42
LOCATION L0023225     VOLUME   446876.033 3759571.836 198.42
LOCATION L0023226     VOLUME   446892.032 3759571.692 198.32
LOCATION L0023227     VOLUME   446908.031 3759571.548 198.11
LOCATION L0023228     VOLUME   446924.031 3759571.404 197.90
LOCATION L0023229     VOLUME   446940.030 3759571.260 197.69
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LOCATION L0023244     VOLUME   447180.022 3759569.422 196.57
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LOCATION L0023246     VOLUME   447212.022 3759569.314 196.67
LOCATION L0023247     VOLUME   447228.022 3759569.260 196.88
LOCATION L0023248     VOLUME   447244.022 3759569.206 197.09
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LOCATION L0023253     VOLUME   447324.021 3759568.937 199.14
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LOCATION L0023256     VOLUME   447372.021 3759568.775 199.83
LOCATION L0023257     VOLUME   447388.021 3759568.721 199.83
LOCATION L0023258     VOLUME   447404.021 3759568.667 199.84
LOCATION L0023259     VOLUME   447420.021 3759568.613 199.84
LOCATION L0023260     VOLUME   447436.021 3759568.559 199.50
LOCATION L0023261     VOLUME   447452.021 3759568.506 199.09
LOCATION L0023262     VOLUME   447468.021 3759568.452 198.67
LOCATION L0023263     VOLUME   447484.021 3759568.398 198.26
LOCATION L0023264     VOLUME   447500.020 3759568.344 197.84
LOCATION L0023265     VOLUME   447516.020 3759568.290 197.55
LOCATION L0023266     VOLUME   447532.020 3759568.236 197.25
LOCATION L0023267     VOLUME   447548.020 3759568.182 196.96
LOCATION L0023268     VOLUME   447564.020 3759568.128 196.66
LOCATION L0023269     VOLUME   447580.020 3759568.074 196.42
LOCATION L0023270     VOLUME   447596.020 3759568.020 196.42
LOCATION L0023271     VOLUME   447612.020 3759567.966 196.42
LOCATION L0023272     VOLUME   447628.020 3759567.913 196.42
LOCATION L0023273     VOLUME   447644.020 3759567.859 196.42
LOCATION L0023274     VOLUME   447660.020 3759567.805 196.42
LOCATION L0023275     VOLUME   447676.019 3759567.751 196.42
LOCATION L0023276     VOLUME   447692.019 3759567.697 196.42
LOCATION L0023277     VOLUME   447708.019 3759567.643 196.42
LOCATION L0023278     VOLUME   447724.019 3759567.589 196.43
LOCATION L0023279     VOLUME   447740.019 3759567.535 196.43
LOCATION L0023280     VOLUME   447756.019 3759567.481 196.43
LOCATION L0023281     VOLUME   447772.019 3759567.427 196.43
LOCATION L0023282     VOLUME   447788.019 3759567.373 196.43
LOCATION L0023283     VOLUME   447804.019 3759567.320 196.43
LOCATION L0023284     VOLUME   447820.019 3759567.266 196.43
LOCATION L0023285     VOLUME   447836.019 3759567.212 196.43
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LOCATION	L0023286	VOLUME	447852.018	3759567.158 196.43
LOCATION	L0023287	VOLUME	447868.018	3759567.104 196.43
LOCATION	L0023288	VOLUME	447884.018	3759567.050 196.43
LOCATION	L0023289	VOLUME	447900.018	3759566.996 196.82
LOCATION	L0023290	VOLUME	447916.018	3759566.942 197.23
LOCATION	L0023291	VOLUME	447932.018	3759566.888 197.65
LOCATION	L0023292	VOLUME	447948.018	3759566.834 198.07
LOCATION	L0023293	VOLUME	447964.018	3759566.780 198.41
LOCATION	L0023294	VOLUME	447980.018	3759566.727 198.20
LOCATION	L0023295	VOLUME	447996.018	3759566.673 197.99
LOCATION	L0023296	VOLUME	448012.018	3759566.619 197.78
LOCATION	L0023297	VOLUME	448028.017	3759566.565 197.58
LOCATION	L0023298	VOLUME	448044.017	3759566.511 197.37
LOCATION	L0023299	VOLUME	448060.017	3759566.457 197.16
LOCATION	L0023300	VOLUME	448076.017	3759566.403 196.95
LOCATION	L0023301	VOLUME	448092.017	3759566.349 196.75
LOCATION	L0023302	VOLUME	448108.017	3759566.295 196.54
LOCATION	L0023303	VOLUME	448124.017	3759566.241 196.43
LOCATION	L0023304	VOLUME	448140.017	3759566.187 196.43
LOCATION	L0023305	VOLUME	448156.017	3759566.134 196.44
LOCATION	L0023306	VOLUME	448172.017	3759566.080 196.44
LOCATION	L0023307	VOLUME	448188.017	3759566.026 196.44
LOCATION	L0023308	VOLUME	448204.016	3759565.972 196.44
LOCATION	L0023309	VOLUME	448220.016	3759565.912 196.44
LOCATION	L0023310	VOLUME	448236.016	3759565.775 196.44
LOCATION	L0023311	VOLUME	448252.015	3759565.638 196.44
LOCATION	L0023312	VOLUME	448268.015	3759565.500 196.43
LOCATION	L0023313	VOLUME	448284.014	3759565.363 196.43
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LOCATION	L0023315	VOLUME	448316.013	3759565.088 196.43
LOCATION	L0023316	VOLUME	448332.012	3759564.951 196.43
LOCATION	L0023317	VOLUME	448348.012	3759564.814 196.43
LOCATION	L0023318	VOLUME	448364.011	3759564.676 196.43
LOCATION	L0023319	VOLUME	448380.010	3759564.539 196.43
LOCATION	L0023320	VOLUME	448395.965	3759563.772 196.42
LOCATION	L0023321	VOLUME	448411.819	3759561.616 196.40
LOCATION	L0023322	VOLUME	448427.673	3759559.459 196.38
LOCATION	L0023323	VOLUME	448443.527	3759557.303 196.36
LOCATION	L0023324	VOLUME	448459.381	3759555.147 196.33
LOCATION	L0023325	VOLUME	448475.235	3759552.991 196.31
LOCATION	L0023326	VOLUME	448491.151	3759551.516 196.30
LOCATION	L0023327	VOLUME	448507.133	3759550.755 196.29
LOCATION	L0023328	VOLUME	448523.115	3759549.994 196.28
LOCATION	L0023329	VOLUME	448539.097	3759549.233 196.27
LOCATION	L0023330	VOLUME	448555.079	3759548.472 196.27
LOCATION	L0023331	VOLUME	448571.061	3759547.711 196.26
LOCATION	L0023332	VOLUME	448587.043	3759546.950 196.25
LOCATION	L0023333	VOLUME	448603.024	3759546.189 196.25

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   LOCATION L0023334     VOLUME   448619.006 3759545.428 196.24
   LOCATION L0023335     VOLUME   448635.001 3759545.108 196.24
   LOCATION L0023336     VOLUME   448651.000 3759544.933 196.23
   LOCATION L0023337     VOLUME   448666.999 3759544.758 196.23
   LOCATION L0023338     VOLUME   448682.998 3759544.584 196.23
   LOCATION L0023339     VOLUME   448698.997 3759544.409 196.23
   LOCATION L0023340     VOLUME   448714.996 3759544.234 196.23
   LOCATION L0023341     VOLUME   448730.995 3759544.059 196.23
   LOCATION L0023342     VOLUME   448746.995 3759543.884 196.23
   LOCATION L0023343     VOLUME   448762.994 3759543.709 196.23
   LOCATION L0023344     VOLUME   448778.993 3759543.534 196.23
   LOCATION L0023345     VOLUME   448794.992 3759543.360 196.23
   LOCATION L0023346     VOLUME   448810.991 3759543.185 196.23
   LOCATION L0023347     VOLUME   448826.990 3759543.010 196.22
   LOCATION L0023348     VOLUME   448842.989 3759542.835 196.22
   LOCATION L0023349     VOLUME   448858.988 3759542.660 196.22
   LOCATION L0023350     VOLUME   448874.987 3759542.485 196.22
   LOCATION L0023351     VOLUME   448890.986 3759542.310 196.22
   LOCATION L0023352     VOLUME   448906.985 3759542.147 196.22
   LOCATION L0023353     VOLUME   448922.984 3759541.985 196.22
   LOCATION L0023354     VOLUME   448938.983 3759541.823 196.22
   LOCATION L0023355     VOLUME   448954.983 3759541.661 196.22
   LOCATION L0023356     VOLUME   448970.982 3759541.499 196.22
   LOCATION L0023357     VOLUME   448986.981 3759541.337 196.22
   LOCATION L0023358     VOLUME   449002.980 3759541.175 196.21
   LOCATION L0023359     VOLUME   449018.979 3759541.014 196.21
   LOCATION L0023360     VOLUME   449034.979 3759540.852 196.21
   LOCATION L0023361     VOLUME   449050.978 3759540.690 196.21
   LOCATION L0023362     VOLUME   449066.977 3759540.528 196.21
   LOCATION L0023363     VOLUME   449082.976 3759540.366 196.21
   LOCATION L0023364     VOLUME   449098.975 3759540.204 196.21
   LOCATION L0023365     VOLUME   449114.974 3759540.042 196.21
   LOCATION L0023366     VOLUME   449130.974 3759539.880 196.21
   LOCATION L0023367     VOLUME   449146.973 3759539.719 196.21
   LOCATION L0023368     VOLUME   449162.972 3759539.557 196.21
   LOCATION L0023369     VOLUME   449178.971 3759539.395 196.21
   LOCATION L0023370     VOLUME   449194.970 3759539.233 196.20
   LOCATION L0023371     VOLUME   449210.970 3759539.071 196.20
   LOCATION L0023372     VOLUME   449226.969 3759538.909 196.20
   LOCATION L0023373     VOLUME   449242.968 3759538.747 196.20
   LOCATION L0023374     VOLUME   449258.967 3759538.585 196.20
   LOCATION L0023375     VOLUME   449274.966 3759538.424 196.19
   LOCATION L0023376     VOLUME   449290.965 3759538.262 196.15
   LOCATION L0023377     VOLUME   449306.965 3759538.100 196.11
   LOCATION L0023378     VOLUME   449322.964 3759537.938 196.06
** END OF LINE VOLUME SOURCE ID = SLINE6
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
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** LINE VOLUME SOURCE ID = SLINE7
** DESCRSRC OFF-SITE TRAVEL 100% ON MERRILL AVE.
** PREFIX
** LENGTH OF SIDE = 16.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.0003287
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 2
** 441992.934, 3760465.608, 200.16, 3.49, 7.44
** 443928.033, 3760467.362, 207.97, 3.49, 7.44
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   LOCATION L0023381     VOLUME   442032.934 3760465.644 201.62
   LOCATION L0023382     VOLUME   442048.934 3760465.658 202.45
   LOCATION L0023383     VOLUME   442064.934 3760465.673 203.23
   LOCATION L0023384     VOLUME   442080.934 3760465.688 204.02
   LOCATION L0023385     VOLUME   442096.934 3760465.702 204.81
   LOCATION L0023386     VOLUME   442112.934 3760465.717 205.60
   LOCATION L0023387     VOLUME   442128.934 3760465.731 205.95
   LOCATION L0023388     VOLUME   442144.934 3760465.746 206.16
   LOCATION L0023389     VOLUME   442160.934 3760465.760 206.37
   LOCATION L0023390     VOLUME   442176.934 3760465.775 206.58
   LOCATION L0023391     VOLUME   442192.934 3760465.789 206.79
   LOCATION L0023392     VOLUME   442208.934 3760465.804 206.80
   LOCATION L0023393     VOLUME   442224.934 3760465.818 206.80
   LOCATION L0023394     VOLUME   442240.934 3760465.833 206.80
   LOCATION L0023395     VOLUME   442256.934 3760465.847 206.80
   LOCATION L0023396     VOLUME   442272.934 3760465.862 206.78
   LOCATION L0023397     VOLUME   442288.934 3760465.876 206.57
   LOCATION L0023398     VOLUME   442304.934 3760465.891 206.36
   LOCATION L0023399     VOLUME   442320.934 3760465.905 206.16
   LOCATION L0023400     VOLUME   442336.934 3760465.920 205.95
   LOCATION L0023401     VOLUME   442352.934 3760465.934 205.74
   LOCATION L0023402     VOLUME   442368.934 3760465.949 205.54
   LOCATION L0023403     VOLUME   442384.934 3760465.963 205.33
   LOCATION L0023404     VOLUME   442400.934 3760465.978 205.12
   LOCATION L0023405     VOLUME   442416.934 3760465.992 204.92
   LOCATION L0023406     VOLUME   442432.934 3760466.007 204.71
   LOCATION L0023407     VOLUME   442448.934 3760466.021 204.50
   LOCATION L0023408     VOLUME   442464.934 3760466.036 204.30
   LOCATION L0023409     VOLUME   442480.934 3760466.050 204.09
   LOCATION L0023410     VOLUME   442496.934 3760466.065 203.88
   LOCATION L0023411     VOLUME   442512.934 3760466.079 203.82
   LOCATION L0023412     VOLUME   442528.934 3760466.094 203.82
   LOCATION L0023413     VOLUME   442544.934 3760466.108 203.82
   LOCATION L0023414     VOLUME   442560.934 3760466.123 203.83
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LOCATION L0023415     VOLUME   442576.934 3760466.137 203.83
LOCATION L0023416     VOLUME   442592.934 3760466.152 203.83
LOCATION L0023417     VOLUME   442608.934 3760466.166 203.83
LOCATION L0023418     VOLUME   442624.934 3760466.181 203.83
LOCATION L0023419     VOLUME   442640.934 3760466.195 203.83
LOCATION L0023420     VOLUME   442656.934 3760466.210 203.83
LOCATION L0023421     VOLUME   442672.934 3760466.224 203.83
LOCATION L0023422     VOLUME   442688.934 3760466.239 203.84
LOCATION L0023423     VOLUME   442704.934 3760466.253 203.84
LOCATION L0023424     VOLUME   442720.934 3760466.268 203.84
LOCATION L0023425     VOLUME   442736.934 3760466.282 203.84
LOCATION L0023426     VOLUME   442752.934 3760466.297 203.84
LOCATION L0023427     VOLUME   442768.934 3760466.311 203.84
LOCATION L0023428     VOLUME   442784.934 3760466.326 203.84
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LOCATION L0023436     VOLUME   442912.934 3760466.442 203.85
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LOCATION L0023438     VOLUME   442944.934 3760466.471 203.85
LOCATION L0023439     VOLUME   442960.934 3760466.485 203.86
LOCATION L0023440     VOLUME   442976.934 3760466.500 203.86
LOCATION L0023441     VOLUME   442992.934 3760466.514 203.86
LOCATION L0023442     VOLUME   443008.934 3760466.529 203.86
LOCATION L0023443     VOLUME   443024.934 3760466.543 203.86
LOCATION L0023444     VOLUME   443040.934 3760466.558 203.86
LOCATION L0023445     VOLUME   443056.934 3760466.572 203.86
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LOCATION L0023447     VOLUME   443088.934 3760466.601 203.87
LOCATION L0023448     VOLUME   443104.934 3760466.616 203.87
LOCATION L0023449     VOLUME   443120.934 3760466.630 203.87
LOCATION L0023450     VOLUME   443136.934 3760466.645 203.87
LOCATION L0023451     VOLUME   443152.934 3760466.659 203.87
LOCATION L0023452     VOLUME   443168.934 3760466.674 203.87
LOCATION L0023453     VOLUME   443184.934 3760466.688 203.87
LOCATION L0023454     VOLUME   443200.934 3760466.703 203.87
LOCATION L0023455     VOLUME   443216.934 3760466.717 203.87
LOCATION L0023456     VOLUME   443232.934 3760466.732 203.88
LOCATION L0023457     VOLUME   443248.934 3760466.746 203.88
LOCATION L0023458     VOLUME   443264.934 3760466.761 203.88
LOCATION L0023459     VOLUME   443280.934 3760466.775 203.88
LOCATION L0023460     VOLUME   443296.934 3760466.790 203.88
LOCATION L0023461     VOLUME   443312.934 3760466.804 203.88
LOCATION L0023462     VOLUME   443328.934 3760466.819 203.88
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   LOCATION L0023465     VOLUME   443376.934 3760466.862 203.89
   LOCATION L0023466     VOLUME   443392.934 3760466.877 203.89
   LOCATION L0023467     VOLUME   443408.934 3760466.891 203.89
   LOCATION L0023468     VOLUME   443424.934 3760466.906 203.89
   LOCATION L0023469     VOLUME   443440.934 3760466.921 203.89
   LOCATION L0023470     VOLUME   443456.934 3760466.935 203.89
   LOCATION L0023471     VOLUME   443472.934 3760466.950 203.89
   LOCATION L0023472     VOLUME   443488.934 3760466.964 203.90
   LOCATION L0023473     VOLUME   443504.934 3760466.979 203.90
   LOCATION L0023474     VOLUME   443520.934 3760466.993 203.90
   LOCATION L0023475     VOLUME   443536.934 3760467.008 203.90
   LOCATION L0023476     VOLUME   443552.934 3760467.022 203.90
   LOCATION L0023477     VOLUME   443568.934 3760467.037 203.90
   LOCATION L0023478     VOLUME   443584.934 3760467.051 203.90
   LOCATION L0023479     VOLUME   443600.934 3760467.066 203.90
   LOCATION L0023480     VOLUME   443616.934 3760467.080 203.90
   LOCATION L0023481     VOLUME   443632.934 3760467.095 203.91
   LOCATION L0023482     VOLUME   443648.934 3760467.109 203.91
   LOCATION L0023483     VOLUME   443664.934 3760467.124 203.91
   LOCATION L0023484     VOLUME   443680.934 3760467.138 203.91
   LOCATION L0023485     VOLUME   443696.934 3760467.153 203.91
   LOCATION L0023486     VOLUME   443712.934 3760467.167 203.91
   LOCATION L0023487     VOLUME   443728.934 3760467.182 203.91
   LOCATION L0023488     VOLUME   443744.934 3760467.196 204.20
   LOCATION L0023489     VOLUME   443760.934 3760467.211 204.60
   LOCATION L0023490     VOLUME   443776.934 3760467.225 205.00
   LOCATION L0023491     VOLUME   443792.934 3760467.240 205.40
   LOCATION L0023492     VOLUME   443808.934 3760467.254 205.80
   LOCATION L0023493     VOLUME   443824.934 3760467.269 206.23
   LOCATION L0023494     VOLUME   443840.934 3760467.283 206.67
   LOCATION L0023495     VOLUME   443856.934 3760467.298 207.10
   LOCATION L0023496     VOLUME   443872.934 3760467.312 207.54
   LOCATION L0023497     VOLUME   443888.934 3760467.327 207.92
   LOCATION L0023498     VOLUME   443904.934 3760467.341 207.91
   LOCATION L0023499     VOLUME   443920.934 3760467.356 207.90
** END OF LINE VOLUME SOURCE ID = SLINE7
** SOURCE PARAMETERS **
   SRCPARAM AREA1        2.0878E-09     4.110   197.610   647.400     0.000
   SRCPARAM AREA2        1.762E-09     4.110   383.920   651.170     0.000
   SRCPARAM AREA3        1.3323E-09     4.110   781.650   298.930     0.000
   SRCPARAM AREA4        1.3464E-09     4.110   775.010   312.220     0.000
   SRCPARAM AREA5        1.4037E-09     4.110   197.070   635.510     0.000
   SRCPARAM AREA6        1.2824E-09     4.110   314.430   653.220     0.000
   SRCPARAM AREA7        5.0172E-10     4.110   786.080   115.140     0.000
   SRCPARAM AREA8        5.2754E-10     4.110   190.430   117.360     0.000
   SRCPARAM AREA9        5.1185E-10     4.110   192.640   119.570     0.000
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   SRCPARAM AREA10       5.4376E-10     4.110   374.220   110.720     0.000
   SRCPARAM AREA11       4.9081E-10     4.110   318.860   121.790     0.000
** LINE VOLUME SOURCE ID = SLINE1
   SRCPARAM L0021462     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021463     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021464     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021465     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021466     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021467     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021468     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021469     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021470     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021471     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021472     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021473     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021474     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021475     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021476     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021477     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021478     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021479     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021480     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021481     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021482     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021483     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021484     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021485     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021486     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021487     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021488     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021489     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021490     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021491     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021492     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021493     0.0000008179      3.49      7.44      3.25
   SRCPARAM L0021494     0.0000008179      3.49      7.44      3.25
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SRCPARAM L0023264     0.0000002718      3.49      7.44      3.25
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SRCPARAM L0023365     0.0000002718      3.49      7.44      3.25
SRCPARAM L0023366     0.0000002718      3.49      7.44      3.25
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   SRCPARAM L0023499     0.000002717      3.49      7.44      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
```

```
   INCLUDED "2026 HRA.ROU"
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE KCNO_V9_ADJU\KCNO_V9.SFC
   PROFFILE KCNO_V9_ADJU\KCNO_V9.PFL
   SURFDATA 3179 2012
   UAIRDATA 3190 2012
   PROFBASE 198.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
** AUTO-GENERATED PLOTFILES
   PLOTFILE   ANNUAL ALL "2026 HRA.AD\AN00GALL.PLT" 31
   SUMMFILE "2026 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    4334       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187    4334       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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 *** SETUP Finishes Successfully ***
 ****

 *** AERMOD - VERSION 19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026 HRA\2026 HRA.ISC   ***   01/10/20
 *** AERMET - VERSION 16216 ***   ***
                        ***   17:02:36

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Receptor(s)

```
               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:   2038 VOLUME source(s)
                and:     11 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) =   198.00 ;  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 =      4.6 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   2026 HRA.ERR

 **File for Summary of Results:   2026 HRA.SUM
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR VARY BY CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0021462	0	0.81790E-06	441970.6	3760462.3	198.2	3.49	7.44	3.25	YES
L0021463	0	0.81790E-06	441954.6	3760462.3	197.5	3.49	7.44	3.25	YES
L0021464	0	0.81790E-06	441938.6	3760462.3	197.1	3.49	7.44	3.25	YES
L0021465	0	0.81790E-06	441922.6	3760462.3	196.7	3.49	7.44	3.25	YES
L0021466	0	0.81790E-06	441906.6	3760462.3	196.3	3.49	7.44	3.25	YES
L0021467	0	0.81790E-06	441890.6	3760462.4	195.9	3.49	7.44	3.25	YES
L0021468	0	0.81790E-06	441874.6	3760462.4	195.7	3.49	7.44	3.25	YES
L0021469	0	0.81790E-06	441858.6	3760462.4	195.7	3.49	7.44	3.25	YES
L0021470	0	0.81790E-06	441842.6	3760462.4	195.7	3.49	7.44	3.25	YES
L0021471	0	0.81790E-06	441826.6	3760462.4	195.7	3.49	7.44	3.25	YES
L0021472	0	0.81790E-06	441810.6	3760462.5	195.7	3.49	7.44	3.25	YES
L0021473	0	0.81790E-06	441794.6	3760462.5	195.6	3.49	7.44	3.25	YES
L0021474	0	0.81790E-06	441778.6	3760462.5	195.4	3.49	7.44	3.25	YES
L0021475	0	0.81790E-06	441762.6	3760462.5	195.3	3.49	7.44	3.25	YES
L0021476	0	0.81790E-06	441746.6	3760462.5	195.1	3.49	7.44	3.25	YES

L0021477	0	0.81790E-06	441730.6	3760462.6	195.0	3.49	7.44	3.25 YES
L0021478	0	0.81790E-06	441714.6	3760462.6	195.0	3.49	7.44	3.25 YES
L0021479	0	0.81790E-06	441698.6	3760462.6	195.0	3.49	7.44	3.25 YES
L0021480	0	0.81790E-06	441682.6	3760462.6	195.0	3.49	7.44	3.25 YES
L0021481	0	0.81790E-06	441666.6	3760462.6	195.0	3.49	7.44	3.25 YES
L0021482	0	0.81790E-06	441650.6	3760462.7	195.0	3.49	7.44	3.25 YES
L0021483	0	0.81790E-06	441634.6	3760462.7	195.0	3.49	7.44	3.25 YES
L0021484	0	0.81790E-06	441618.6	3760462.7	195.0	3.49	7.44	3.25 YES
L0021485	0	0.81790E-06	441602.6	3760462.7	195.0	3.49	7.44	3.25 YES
L0021486	0	0.81790E-06	441586.6	3760462.7	195.0	3.49	7.44	3.25 YES
L0021487	0	0.81790E-06	441570.6	3760462.8	195.0	3.49	7.44	3.25 YES
L0021488	0	0.81790E-06	441554.6	3760462.8	194.9	3.49	7.44	3.25 YES
L0021489	0	0.81790E-06	441538.6	3760462.8	194.9	3.49	7.44	3.25 YES
L0021490	0	0.81790E-06	441522.6	3760462.8	194.8	3.49	7.44	3.25 YES
L0021491	0	0.81790E-06	441506.6	3760462.8	194.7	3.49	7.44	3.25 YES
L0021492	0	0.81790E-06	441490.6	3760462.9	194.7	3.49	7.44	3.25 YES
L0021493	0	0.81790E-06	441474.6	3760462.9	194.7	3.49	7.44	3.25 YES
L0021494	0	0.81790E-06	441458.6	3760462.9	194.7	3.49	7.44	3.25 YES
L0021495	0	0.81790E-06	441442.6	3760462.9	194.7	3.49	7.44	3.25 YES
L0021496	0	0.81790E-06	441426.6	3760462.9	194.7	3.49	7.44	3.25 YES
L0021497	0	0.81790E-06	441410.6	3760463.0	194.7	3.49	7.44	3.25 YES
L0021498	0	0.81790E-06	441394.6	3760463.0	194.7	3.49	7.44	3.25 YES
L0021499	0	0.81790E-06	441378.6	3760463.0	194.7	3.49	7.44	3.25 YES
L0021500	0	0.81790E-06	441362.6	3760463.0	194.7	3.49	7.44	3.25 YES

 L0021501   0   0.81790E-06 441346.6 3760463.0   194.7   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                  *** VOLUME SOURCE DATA ***

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

 L0021502   0   0.81790E-06 441330.6 3760463.1   194.7   3.49   7.44
3.25   YES
 L0021503   0   0.81790E-06 441314.6 3760463.1   194.7   3.49   7.44
3.25   YES
 L0021504   0   0.81790E-06 441298.6 3760463.1   194.7   3.49   7.44
3.25   YES
 L0021505   0   0.81790E-06 441282.6 3760463.1   194.7   3.49   7.44
3.25   YES
 L0021506   0   0.81790E-06 441266.6 3760463.1   194.7   3.49   7.44
3.25   YES
 L0021507   0   0.81790E-06 441250.6 3760463.2   194.7   3.49   7.44
3.25   YES
 L0021508   0   0.81790E-06 441234.6 3760463.2   194.7   3.49   7.44
3.25   YES
 L0021509   0   0.81790E-06 441218.6 3760463.2   194.7   3.49   7.44
3.25   YES
 L0021510   0   0.81790E-06 441202.6 3760463.2   194.7   3.49   7.44
3.25   YES
 L0021511   0   0.81790E-06 441186.6 3760463.3   194.7   3.49   7.44
3.25   YES
 L0021512   0   0.81790E-06 441170.6 3760463.3   194.7   3.49   7.44
3.25   YES
 L0021513   0   0.81790E-06 441154.6 3760463.3   194.7   3.49   7.44
3.25   YES
 L0021514   0   0.81790E-06 441138.6 3760463.3   194.7   3.49   7.44
3.25   YES

L0021515	0	0.81790E-06	441122.6	3760463.3	194.7	3.49	7.44	3.25 YES
L0021516	0	0.81790E-06	441106.6	3760463.4	194.7	3.49	7.44	3.25 YES
L0021517	0	0.81790E-06	441090.6	3760463.4	194.8	3.49	7.44	3.25 YES
L0021518	0	0.81790E-06	441074.6	3760463.4	194.9	3.49	7.44	3.25 YES
L0021519	0	0.81790E-06	441058.6	3760463.4	194.9	3.49	7.44	3.25 YES
L0021520	0	0.81790E-06	441042.6	3760463.4	195.0	3.49	7.44	3.25 YES
L0021521	0	0.81790E-06	441026.6	3760463.5	195.0	3.49	7.44	3.25 YES
L0021522	0	0.81790E-06	441010.6	3760463.5	194.9	3.49	7.44	3.25 YES
L0021523	0	0.81790E-06	440994.6	3760463.5	194.8	3.49	7.44	3.25 YES
L0021524	0	0.81790E-06	440978.6	3760463.5	194.8	3.49	7.44	3.25 YES
L0021525	0	0.81790E-06	440962.6	3760463.5	194.7	3.49	7.44	3.25 YES
L0021526	0	0.81790E-06	440946.6	3760463.6	194.8	3.49	7.44	3.25 YES
L0021527	0	0.81790E-06	440930.6	3760463.6	194.8	3.49	7.44	3.25 YES
L0021528	0	0.81790E-06	440914.6	3760463.6	194.9	3.49	7.44	3.25 YES
L0021529	0	0.81790E-06	440898.6	3760463.6	195.0	3.49	7.44	3.25 YES
L0021530	0	0.81790E-06	440882.6	3760463.6	195.0	3.49	7.44	3.25 YES
L0021531	0	0.81790E-06	440866.6	3760463.7	195.0	3.49	7.44	3.25 YES
L0021532	0	0.81790E-06	440850.6	3760463.7	195.0	3.49	7.44	3.25 YES
L0021533	0	0.81790E-06	440834.6	3760463.7	195.0	3.49	7.44	3.25 YES
L0021534	0	0.81790E-06	440818.6	3760463.7	195.0	3.49	7.44	3.25 YES
L0021535	0	0.81790E-06	440802.6	3760463.7	195.0	3.49	7.44	3.25 YES
L0021536	0	0.81790E-06	440786.6	3760463.8	195.0	3.49	7.44	3.25 YES
L0021537	0	0.81790E-06	440770.6	3760463.8	195.0	3.49	7.44	3.25 YES
L0021538	0	0.81790E-06	440754.6	3760463.8	195.0	3.49	7.44	3.25 YES

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 L0021539         0   0.81790E-06  440738.6 3760463.8   195.0     3.49     7.44
3.25     YES
 L0021540         0   0.81790E-06  440722.6 3760463.8   195.0     3.49     7.44
3.25     YES
 L0021541         0   0.81790E-06  440706.6 3760463.9   195.0     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:02:36

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0021542         0   0.81790E-06  440690.6 3760463.9   195.0     3.49     7.44
3.25     YES
 L0021543         0   0.81790E-06  440674.6 3760463.9   195.0     3.49     7.44
3.25     YES
 L0021544         0   0.81790E-06  440658.6 3760463.9   195.0     3.49     7.44
3.25     YES
 L0021545         0   0.81790E-06  440642.6 3760463.9   195.0     3.49     7.44
3.25     YES
 L0021546         0   0.81790E-06  440626.6 3760464.0   195.0     3.49     7.44
3.25     YES
 L0021547         0   0.81790E-06  440610.6 3760464.0   195.0     3.49     7.44
3.25     YES
 L0021548         0   0.81790E-06  440594.6 3760464.0   195.0     3.49     7.44
3.25     YES
 L0021549         0   0.81790E-06  440578.6 3760464.0   195.0     3.49     7.44
3.25     YES
 L0021550         0   0.81790E-06  440562.6 3760464.0   195.0     3.49     7.44
3.25     YES
 L0021551         0   0.81790E-06  440546.6 3760464.1   195.0     3.49     7.44
3.25     YES
 L0021552         0   0.81790E-06  440530.6 3760464.1   195.0     3.49     7.44
3.25     YES
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L0021553	0	0.81790E-06	440514.6	3760464.1	195.0	3.49	7.44	3.25 YES
L0021554	0	0.81790E-06	440498.6	3760464.1	195.0	3.49	7.44	3.25 YES
L0021555	0	0.81790E-06	440482.6	3760464.1	194.9	3.49	7.44	3.25 YES
L0021556	0	0.81790E-06	440466.6	3760464.2	194.9	3.49	7.44	3.25 YES
L0021557	0	0.81790E-06	440450.6	3760464.2	194.8	3.49	7.44	3.25 YES
L0021558	0	0.81790E-06	440434.6	3760464.2	194.7	3.49	7.44	3.25 YES
L0021559	0	0.81790E-06	440418.6	3760464.2	194.6	3.49	7.44	3.25 YES
L0021560	0	0.81790E-06	440402.6	3760464.2	194.4	3.49	7.44	3.25 YES
L0021561	0	0.81790E-06	440386.6	3760464.3	194.2	3.49	7.44	3.25 YES
L0021562	0	0.81790E-06	440370.6	3760464.3	194.0	3.49	7.44	3.25 YES
L0021563	0	0.81790E-06	440354.6	3760464.3	193.8	3.49	7.44	3.25 YES
L0021564	0	0.81790E-06	440338.6	3760464.3	193.6	3.49	7.44	3.25 YES
L0021565	0	0.81790E-06	440322.6	3760464.3	193.4	3.49	7.44	3.25 YES
L0021566	0	0.81790E-06	440306.6	3760464.4	193.1	3.49	7.44	3.25 YES
L0021567	0	0.81790E-06	440290.6	3760464.4	192.9	3.49	7.44	3.25 YES
L0021568	0	0.81790E-06	440274.6	3760464.4	192.7	3.49	7.44	3.25 YES
L0021569	0	0.81790E-06	440258.6	3760464.4	192.7	3.49	7.44	3.25 YES
L0021570	0	0.81790E-06	440242.6	3760464.4	192.7	3.49	7.44	3.25 YES
L0021571	0	0.81790E-06	440226.6	3760464.5	192.7	3.49	7.44	3.25 YES
L0021572	0	0.81790E-06	440210.6	3760464.5	192.7	3.49	7.44	3.25 YES
L0021573	0	0.81790E-06	440194.6	3760464.5	192.7	3.49	7.44	3.25 YES
L0021574	0	0.81790E-06	440178.6	3760464.5	192.5	3.49	7.44	3.25 YES
L0021575	0	0.81790E-06	440162.6	3760464.5	192.3	3.49	7.44	3.25 YES
L0021576	0	0.81790E-06	440146.6	3760464.6	192.1	3.49	7.44	3.25 YES

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 L0021577         0   0.81790E-06  440130.6 3760464.6   191.8     3.49     7.44
3.25     YES
 L0021578         0   0.81790E-06  440114.6 3760464.6   191.7     3.49     7.44
3.25     YES
 L0021579         0   0.81790E-06  440098.6 3760464.6   191.6     3.49     7.44
3.25     YES
 L0021580         0   0.81790E-06  440082.6 3760464.6   191.6     3.49     7.44
3.25     YES
 L0021581         0   0.81790E-06  440066.6 3760464.7   191.6     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:02:36

                                   PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0021582         0   0.81790E-06  440050.6 3760464.7   191.6     3.49     7.44
3.25     YES
 L0021583         0   0.81790E-06  440034.6 3760464.7   191.6     3.49     7.44
3.25     YES
 L0021584         0   0.81790E-06  440018.6 3760464.7   191.4     3.49     7.44
3.25     YES
 L0021585         0   0.81790E-06  440002.6 3760464.7   191.2     3.49     7.44
3.25     YES
 L0021586         0   0.81790E-06  439986.6 3760464.8   191.0     3.49     7.44
3.25     YES
 L0021587         0   0.81790E-06  439970.6 3760464.8   190.8     3.49     7.44
3.25     YES
 L0021588         0   0.81790E-06  439954.6 3760464.8   190.6     3.49     7.44
3.25     YES
 L0021589         0   0.81790E-06  439938.6 3760464.8   190.3     3.49     7.44
3.25     YES
 L0021590         0   0.81790E-06  439922.6 3760464.8   190.1     3.49     7.44
3.25     YES
```

L0021591	0	0.81790E-06	439906.6	3760464.9	189.9	3.49	7.44	3.25 YES
L0021592	0	0.81790E-06	439899.3	3760456.0	189.7	3.49	7.44	3.25 YES
L0021593	0	0.81790E-06	439899.2	3760440.0	189.6	3.49	7.44	3.25 YES
L0021594	0	0.81790E-06	439899.1	3760424.0	189.4	3.49	7.44	3.25 YES
L0021595	0	0.81790E-06	439899.1	3760408.1	189.2	3.49	7.44	3.25 YES
L0021596	0	0.81790E-06	439899.0	3760392.1	189.0	3.49	7.44	3.25 YES
L0021597	0	0.81790E-06	439898.9	3760376.1	188.9	3.49	7.44	3.25 YES
L0021598	0	0.81790E-06	439898.8	3760360.1	188.7	3.49	7.44	3.25 YES
L0021599	0	0.81790E-06	439898.7	3760344.1	188.5	3.49	7.44	3.25 YES
L0021600	0	0.81790E-06	439898.6	3760328.1	188.4	3.49	7.44	3.25 YES
L0021601	0	0.81790E-06	439898.5	3760312.1	188.2	3.49	7.44	3.25 YES
L0021602	0	0.81790E-06	439898.4	3760296.1	188.2	3.49	7.44	3.25 YES
L0021603	0	0.81790E-06	439898.3	3760280.1	188.1	3.49	7.44	3.25 YES
L0021604	0	0.81790E-06	439898.2	3760264.1	188.1	3.49	7.44	3.25 YES
L0021605	0	0.81790E-06	439898.2	3760248.1	188.1	3.49	7.44	3.25 YES
L0021606	0	0.81790E-06	439898.1	3760232.1	188.0	3.49	7.44	3.25 YES
L0021607	0	0.81790E-06	439898.0	3760216.1	187.9	3.49	7.44	3.25 YES
L0021608	0	0.81790E-06	439897.9	3760200.1	187.8	3.49	7.44	3.25 YES
L0021609	0	0.81790E-06	439897.8	3760184.1	187.6	3.49	7.44	3.25 YES
L0021610	0	0.81790E-06	439897.7	3760168.1	187.4	3.49	7.44	3.25 YES
L0021611	0	0.81790E-06	439897.6	3760152.1	187.2	3.49	7.44	3.25 YES
L0021612	0	0.81790E-06	439897.5	3760136.1	187.1	3.49	7.44	3.25 YES
L0021613	0	0.81790E-06	439897.4	3760120.1	186.9	3.49	7.44	3.25 YES
L0021614	0	0.81790E-06	439897.3	3760104.1	186.7	3.49	7.44	3.25 YES

```
 L0021615         0   0.81790E-06  439897.2 3760088.1   186.6     3.49     7.44
3.25     YES
 L0021616         0   0.81790E-06  439897.2 3760072.1   186.4     3.49     7.44
3.25     YES
 L0021617         0   0.81790E-06  439897.1 3760056.1   186.2     3.49     7.44
3.25     YES
 L0021618         0   0.81790E-06  439897.0 3760040.1   186.0     3.49     7.44
3.25     YES
 L0021619         0   0.81790E-06  439896.9 3760024.1   185.9     3.49     7.44
3.25     YES
 L0021620         0   0.81790E-06  439896.8 3760008.1   185.8     3.49     7.44
3.25     YES
 L0021621         0   0.81790E-06  439896.7 3759992.1   185.6     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:02:36

                                   PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0021622         0   0.81790E-06  439896.6 3759976.1   185.5     3.49     7.44
3.25     YES
 L0021623         0   0.81790E-06  439896.5 3759960.1   185.3     3.49     7.44
3.25     YES
 L0021624         0   0.81790E-06  439896.4 3759944.1   185.2     3.49     7.44
3.25     YES
 L0021625         0   0.81790E-06  439896.3 3759928.1   185.2     3.49     7.44
3.25     YES
 L0021626         0   0.81790E-06  439896.3 3759912.1   185.1     3.49     7.44
3.25     YES
 L0021627         0   0.81790E-06  439896.2 3759896.1   185.1     3.49     7.44
3.25     YES
 L0021628         0   0.81790E-06  439896.1 3759880.1   185.1     3.49     7.44
3.25     YES
```

L0021629	0	0.81790E-06	439896.0	3759864.1	185.0	3.49	7.44	3.25 YES
L0021630	0	0.81790E-06	439895.9	3759848.1	185.0	3.49	7.44	3.25 YES
L0021631	0	0.81790E-06	439895.8	3759832.1	185.0	3.49	7.44	3.25 YES
L0021632	0	0.81790E-06	439895.7	3759816.1	185.0	3.49	7.44	3.25 YES
L0021633	0	0.81790E-06	439895.6	3759800.1	185.0	3.49	7.44	3.25 YES
L0021634	0	0.81790E-06	439895.5	3759784.1	185.0	3.49	7.44	3.25 YES
L0021635	0	0.81790E-06	439895.4	3759768.1	185.0	3.49	7.44	3.25 YES
L0021636	0	0.81790E-06	439895.4	3759752.1	185.0	3.49	7.44	3.25 YES
L0021637	0	0.81790E-06	439895.3	3759736.1	185.0	3.49	7.44	3.25 YES
L0021638	0	0.81790E-06	439895.2	3759720.1	185.0	3.49	7.44	3.25 YES
L0021639	0	0.81790E-06	439895.1	3759704.1	185.0	3.49	7.44	3.25 YES
L0021640	0	0.81790E-06	439895.0	3759688.1	185.0	3.49	7.44	3.25 YES
L0021641	0	0.81790E-06	439894.9	3759672.1	185.0	3.49	7.44	3.25 YES
L0021642	0	0.81790E-06	439894.8	3759656.1	185.0	3.49	7.44	3.25 YES
L0021643	0	0.81790E-06	439894.7	3759640.1	185.0	3.49	7.44	3.25 YES
L0021644	0	0.81790E-06	439894.6	3759624.1	185.0	3.49	7.44	3.25 YES
L0021645	0	0.81790E-06	439894.5	3759608.1	185.0	3.49	7.44	3.25 YES
L0021646	0	0.81790E-06	439894.4	3759592.1	185.0	3.49	7.44	3.25 YES
L0021647	0	0.81790E-06	439894.4	3759576.1	185.0	3.49	7.44	3.25 YES
L0021648	0	0.81790E-06	439894.3	3759560.1	185.0	3.49	7.44	3.25 YES
L0021649	0	0.81790E-06	439894.2	3759544.1	185.0	3.49	7.44	3.25 YES
L0021650	0	0.81790E-06	439894.1	3759528.1	185.0	3.49	7.44	3.25 YES
L0021651	0	0.81790E-06	439894.0	3759512.1	185.0	3.49	7.44	3.25 YES
L0021652	0	0.81790E-06	439893.9	3759496.1	185.0	3.49	7.44	3.25 YES

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 L0021653         0   0.81790E-06  439893.8 3759480.1   185.0     3.49     7.44
3.25     YES
 L0021654         0   0.81790E-06  439893.7 3759464.1   184.8     3.49     7.44
3.25     YES
 L0021655         0   0.81790E-06  439893.6 3759448.1   184.6     3.49     7.44
3.25     YES
 L0021656         0   0.81790E-06  439893.5 3759432.1   184.5     3.49     7.44
3.25     YES
 L0021657         0   0.81790E-06  439893.5 3759416.1   184.3     3.49     7.44
3.25     YES
 L0021658         0   0.81790E-06  439893.4 3759400.1   184.1     3.49     7.44
3.25     YES
 L0021659         0   0.81790E-06  439893.3 3759384.1   184.0     3.49     7.44
3.25     YES
 L0021660         0   0.81790E-06  439893.2 3759368.1   184.0     3.49     7.44
3.25     YES
 L0021661         0   0.81790E-06  439893.1 3759352.1   184.0     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                 ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:02:36

                                  PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

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

 L0021662         0   0.81790E-06  439893.0 3759336.1   184.0     3.49     7.44
3.25     YES
 L0021663         0   0.81790E-06  439892.9 3759320.1   184.0     3.49     7.44
3.25     YES
 L0021664         0   0.81790E-06  439892.8 3759304.1   184.0     3.49     7.44
3.25     YES
 L0021665         0   0.81790E-06  439892.7 3759288.1   183.9     3.49     7.44
3.25     YES
 L0021666         0   0.81790E-06  439892.6 3759272.1   183.7     3.49     7.44
3.25     YES
```

L0021667	0	0.81790E-06	439892.5	3759256.1	183.6	3.49	7.44	3.25 YES
L0021668	0	0.81790E-06	439892.5	3759240.1	183.4	3.49	7.44	3.25 YES
L0021669	0	0.81790E-06	439892.4	3759224.1	183.2	3.49	7.44	3.25 YES
L0021670	0	0.81790E-06	439892.3	3759208.1	183.0	3.49	7.44	3.25 YES
L0021671	0	0.81790E-06	439892.2	3759192.1	183.0	3.49	7.44	3.25 YES
L0021672	0	0.81790E-06	439892.1	3759176.1	183.0	3.49	7.44	3.25 YES
L0021673	0	0.81790E-06	439892.0	3759160.1	183.0	3.49	7.44	3.25 YES
L0021674	0	0.81790E-06	439891.9	3759144.1	183.0	3.49	7.44	3.25 YES
L0021675	0	0.81790E-06	439891.8	3759128.1	183.0	3.49	7.44	3.25 YES
L0021676	0	0.81790E-06	439891.7	3759112.1	183.0	3.49	7.44	3.25 YES
L0021677	0	0.81790E-06	439891.6	3759096.1	182.8	3.49	7.44	3.25 YES
L0021678	0	0.81790E-06	439891.6	3759080.1	182.7	3.49	7.44	3.25 YES
L0021679	0	0.81790E-06	439891.5	3759064.1	182.5	3.49	7.44	3.25 YES
L0021680	0	0.81790E-06	439891.4	3759048.1	182.3	3.49	7.44	3.25 YES
L0021681	0	0.81790E-06	439891.3	3759032.1	182.1	3.49	7.44	3.25 YES
L0021682	0	0.81790E-06	439891.2	3759016.1	182.0	3.49	7.44	3.25 YES
L0021683	0	0.81790E-06	439891.1	3759000.1	181.8	3.49	7.44	3.25 YES
L0021684	0	0.81790E-06	439891.0	3758984.1	181.6	3.49	7.44	3.25 YES
L0021685	0	0.81790E-06	439890.9	3758968.1	181.4	3.49	7.44	3.25 YES
L0021686	0	0.81790E-06	439890.8	3758952.1	181.3	3.49	7.44	3.25 YES
L0021687	0	0.81790E-06	439890.7	3758936.1	181.1	3.49	7.44	3.25 YES
L0021688	0	0.81790E-06	439890.7	3758920.1	181.0	3.49	7.44	3.25 YES
L0021689	0	0.81790E-06	439890.6	3758904.1	181.0	3.49	7.44	3.25 YES
L0021690	0	0.81790E-06	439890.5	3758888.1	181.0	3.49	7.44	3.25 YES

 L0021691   0   0.81790E-06 439890.4 3758872.1   181.0   3.49   7.44
3.25   YES
 L0021692   0   0.81790E-06 439890.3 3758856.1   181.0   3.49   7.44
3.25   YES
 L0021693   0   0.81790E-06 439890.2 3758840.1   181.0   3.49   7.44
3.25   YES
 L0021694   0   0.81790E-06 439890.1 3758824.1   181.0   3.49   7.44
3.25   YES
 L0021695   0   0.81790E-06 439890.0 3758808.1   181.0   3.49   7.44
3.25   YES
 L0021696   0   0.81790E-06 439889.9 3758792.1   181.0   3.49   7.44
3.25   YES
 L0021697   0   0.81790E-06 439889.8 3758776.1   181.0   3.49   7.44
3.25   YES
 L0021698   0   0.81790E-06 439889.7 3758760.1   181.0   3.49   7.44
3.25   YES
 L0021699   0   0.81790E-06 439889.7 3758744.1   181.0   3.49   7.44
3.25   YES
 L0021700   0   0.81790E-06 439889.6 3758728.1   180.8   3.49   7.44
3.25   YES
 L0021701   0   0.81790E-06 439889.5 3758712.1   180.7   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0021702   0   0.81790E-06 439889.4 3758696.1   180.5   3.49   7.44
3.25   YES
 L0021703   0   0.81790E-06 439889.3 3758680.1   180.3   3.49   7.44
3.25   YES
 L0021704   0   0.81790E-06 439889.2 3758664.1   180.1   3.49   7.44
3.25   YES

L0021705	0	0.81790E-06	439889.1	3758648.1	180.0	3.49	7.44	3.25 YES
L0021706	0	0.81790E-06	439889.0	3758632.1	180.0	3.49	7.44	3.25 YES
L0021707	0	0.81790E-06	439888.9	3758616.1	180.0	3.49	7.44	3.25 YES
L0021708	0	0.81790E-06	439888.9	3758600.1	180.0	3.49	7.44	3.25 YES
L0021709	0	0.81790E-06	439889.0	3758584.1	180.0	3.49	7.44	3.25 YES
L0021710	0	0.81790E-06	439889.2	3758568.1	180.0	3.49	7.44	3.25 YES
L0021711	0	0.81790E-06	439889.3	3758552.1	179.9	3.49	7.44	3.25 YES
L0021712	0	0.81790E-06	439889.4	3758536.1	179.8	3.49	7.44	3.25 YES
L0021713	0	0.81790E-06	439889.5	3758520.1	179.6	3.49	7.44	3.25 YES
L0021714	0	0.81790E-06	439889.6	3758504.1	179.4	3.49	7.44	3.25 YES
L0021715	0	0.81790E-06	439889.8	3758488.1	179.2	3.49	7.44	3.25 YES
L0021716	0	0.81790E-06	439889.9	3758472.1	179.1	3.49	7.44	3.25 YES
L0021717	0	0.81790E-06	439890.0	3758456.1	179.0	3.49	7.44	3.25 YES
L0021718	0	0.81790E-06	439890.1	3758440.1	179.0	3.49	7.44	3.25 YES
L0021719	0	0.81790E-06	439890.3	3758424.1	179.0	3.49	7.44	3.25 YES
L0021720	0	0.81790E-06	439890.4	3758408.1	179.0	3.49	7.44	3.25 YES
L0021721	0	0.81790E-06	439890.5	3758392.1	179.0	3.49	7.44	3.25 YES
L0021722	0	0.81790E-06	439890.6	3758376.1	179.0	3.49	7.44	3.25 YES
L0021723	0	0.81790E-06	439890.7	3758360.1	178.9	3.49	7.44	3.25 YES
L0021724	0	0.81790E-06	439890.9	3758344.1	178.7	3.49	7.44	3.25 YES
L0021725	0	0.81790E-06	439891.0	3758328.1	178.5	3.49	7.44	3.25 YES
L0021726	0	0.81790E-06	439891.1	3758312.1	178.3	3.49	7.44	3.25 YES
L0021727	0	0.81790E-06	439891.2	3758296.1	178.2	3.49	7.44	3.25 YES
L0021728	0	0.81790E-06	439891.3	3758280.1	178.0	3.49	7.44	3.25 YES

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 L0021729         0   0.81790E-06  439891.5 3758264.1   178.0     3.49     7.44
3.25     YES
 L0021730         0   0.81790E-06  439891.6 3758248.1   178.0     3.49     7.44
3.25     YES
 L0021731         0   0.81790E-06  439891.7 3758232.1   178.0     3.49     7.44
3.25     YES
 L0021732         0   0.81790E-06  439891.8 3758216.1   178.0     3.49     7.44
3.25     YES
 L0021733         0   0.81790E-06  439891.9 3758200.1   178.0     3.49     7.44
3.25     YES
 L0021734         0   0.81790E-06  439892.1 3758184.1   178.0     3.49     7.44
3.25     YES
 L0021735         0   0.81790E-06  439892.2 3758168.1   177.8     3.49     7.44
3.25     YES
 L0021736         0   0.81790E-06  439892.3 3758152.1   177.6     3.49     7.44
3.25     YES
 L0021737         0   0.81790E-06  439892.4 3758136.1   177.4     3.49     7.44
3.25     YES
 L0021738         0   0.81790E-06  439892.5 3758120.1   177.3     3.49     7.44
3.25     YES
 L0021739         0   0.81790E-06  439892.7 3758104.1   177.1     3.49     7.44
3.25     YES
 L0021740         0   0.81790E-06  439892.8 3758088.1   177.0     3.49     7.44
3.25     YES
 L0021741         0   0.81790E-06  439892.9 3758072.1   177.0     3.49     7.44
3.25     YES
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 L0021742         0   0.81790E-06  439893.0 3758056.1   177.0     3.49     7.44
3.25     YES
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L0021743	0	0.81790E-06	439893.2	3758040.1	177.0	3.49	7.44	3.25 YES
L0021744	0	0.81790E-06	439893.3	3758024.1	177.0	3.49	7.44	3.25 YES
L0021745	0	0.81790E-06	439893.4	3758008.1	177.0	3.49	7.44	3.25 YES
L0021746	0	0.81790E-06	439893.5	3757992.1	176.9	3.49	7.44	3.25 YES
L0021747	0	0.81790E-06	439893.6	3757976.1	176.7	3.49	7.44	3.25 YES
L0021748	0	0.81790E-06	439893.8	3757960.1	176.5	3.49	7.44	3.25 YES
L0021749	0	0.81790E-06	439893.9	3757944.1	176.4	3.49	7.44	3.25 YES
L0021750	0	0.81790E-06	439894.0	3757928.1	176.2	3.49	7.44	3.25 YES
L0021751	0	0.81790E-06	439894.1	3757912.1	176.0	3.49	7.44	3.25 YES
L0021752	0	0.81790E-06	439894.2	3757896.1	176.0	3.49	7.44	3.25 YES
L0021753	0	0.81790E-06	439894.4	3757880.1	176.0	3.49	7.44	3.25 YES
L0021754	0	0.81790E-06	439894.5	3757864.1	176.0	3.49	7.44	3.25 YES
L0021755	0	0.81790E-06	439894.6	3757848.1	176.0	3.49	7.44	3.25 YES
L0021756	0	0.81790E-06	439894.7	3757832.1	176.0	3.49	7.44	3.25 YES
L0021757	0	0.81790E-06	439894.8	3757816.1	176.0	3.49	7.44	3.25 YES
L0021758	0	0.81790E-06	439895.0	3757800.1	176.0	3.49	7.44	3.25 YES
L0021759	0	0.81790E-06	439895.1	3757784.1	176.0	3.49	7.44	3.25 YES
L0021760	0	0.81790E-06	439895.2	3757768.1	176.0	3.49	7.44	3.25 YES
L0021761	0	0.81790E-06	439895.3	3757752.1	176.0	3.49	7.44	3.25 YES
L0021762	0	0.81790E-06	439895.5	3757736.1	176.0	3.49	7.44	3.25 YES
L0021763	0	0.81790E-06	439895.6	3757720.1	176.0	3.49	7.44	3.25 YES
L0021764	0	0.81790E-06	439895.7	3757704.1	176.0	3.49	7.44	3.25 YES
L0021765	0	0.81790E-06	439895.8	3757688.1	176.0	3.49	7.44	3.25 YES
L0021766	0	0.81790E-06	439895.9	3757672.1	176.0	3.49	7.44	3.25 YES

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 L0021767         0   0.81790E-06  439896.1 3757656.1   176.0     3.49     7.44
3.25     YES
 L0021768         0   0.81790E-06  439896.2 3757640.1   176.0     3.49     7.44
3.25     YES
 L0021769         0   0.81790E-06  439896.3 3757624.1   176.0     3.49     7.44
3.25     YES
 L0021770         0   0.81790E-06  439896.4 3757608.1   176.0     3.49     7.44
3.25     YES
 L0021771         0   0.81790E-06  439896.5 3757592.1   176.0     3.49     7.44
3.25     YES
 L0021772         0   0.81790E-06  439896.7 3757576.1   176.0     3.49     7.44
3.25     YES
 L0021773         0   0.81790E-06  439896.8 3757560.1   176.0     3.49     7.44
3.25     YES
 L0021774         0   0.81790E-06  439896.9 3757544.1   176.0     3.49     7.44
3.25     YES
 L0021775         0   0.81790E-06  439897.0 3757528.1   176.0     3.49     7.44
3.25     YES
 L0021776         0   0.81790E-06  439897.1 3757512.1   176.0     3.49     7.44
3.25     YES
 L0021777         0   0.81790E-06  439897.3 3757496.1   176.0     3.49     7.44
3.25     YES
 L0021778         0   0.81790E-06  439897.4 3757480.1   176.0     3.49     7.44
3.25     YES
 L0021779         0   0.81790E-06  439897.5 3757464.1   176.0     3.49     7.44
3.25     YES
 L0021780         0   0.81790E-06  439897.6 3757448.1   176.0     3.49     7.44
3.25     YES
 L0021781         0   0.81790E-06  439897.7 3757432.1   176.0     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:02:36

                                  PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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L0021782	0	0.81790E-06	439897.9	3757416.1	176.0	3.49	7.44	3.25 YES
L0021783	0	0.81790E-06	439898.0	3757400.1	176.0	3.49	7.44	3.25 YES
L0021784	0	0.81790E-06	439898.1	3757384.1	176.0	3.49	7.44	3.25 YES
L0021785	0	0.81790E-06	439898.2	3757368.1	176.0	3.49	7.44	3.25 YES
L0021786	0	0.81790E-06	439898.4	3757352.1	176.0	3.49	7.44	3.25 YES
L0021787	0	0.81790E-06	439898.5	3757336.1	176.0	3.49	7.44	3.25 YES
L0021788	0	0.81790E-06	439898.6	3757320.1	176.0	3.49	7.44	3.25 YES
L0021789	0	0.81790E-06	439898.7	3757304.1	176.0	3.49	7.44	3.25 YES
L0021790	0	0.81790E-06	439898.8	3757288.1	176.0	3.49	7.44	3.25 YES
L0021791	0	0.81790E-06	439899.0	3757272.1	176.0	3.49	7.44	3.25 YES
L0021792	0	0.81790E-06	439899.1	3757256.1	176.0	3.49	7.44	3.25 YES
L0021793	0	0.81790E-06	439899.2	3757240.1	176.0	3.49	7.44	3.25 YES
L0021794	0	0.81790E-06	439899.3	3757224.1	176.0	3.49	7.44	3.25 YES
L0021795	0	0.81790E-06	439899.4	3757208.1	176.0	3.49	7.44	3.25 YES
L0021796	0	0.81790E-06	439899.6	3757192.1	176.0	3.49	7.44	3.25 YES
L0021797	0	0.81790E-06	439899.7	3757176.1	176.0	3.49	7.44	3.25 YES
L0021798	0	0.81790E-06	439899.8	3757160.1	176.0	3.49	7.44	3.25 YES
L0021799	0	0.81790E-06	439899.9	3757144.1	176.0	3.49	7.44	3.25 YES
L0021800	0	0.81790E-06	439900.0	3757128.1	176.0	3.49	7.44	3.25 YES
L0021801	0	0.81790E-06	439900.2	3757112.1	176.0	3.49	7.44	3.25 YES
L0021802	0	0.81790E-06	439900.3	3757096.1	176.0	3.49	7.44	3.25 YES
L0021803	0	0.81790E-06	439900.4	3757080.1	176.0	3.49	7.44	3.25 YES
L0021804	0	0.81790E-06	439900.5	3757064.1	176.0	3.49	7.44	3.25 YES

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 L0021805         0   0.81790E-06  439900.6 3757048.1   176.0     3.49     7.44
3.25     YES
 L0021806         0   0.81790E-06  439900.8 3757032.1   176.0     3.49     7.44
3.25     YES
 L0021807         0   0.81790E-06  439900.9 3757016.1   176.0     3.49     7.44
3.25     YES
 L0021808         0   0.81790E-06  439901.0 3757000.1   176.0     3.49     7.44
3.25     YES
 L0021809         0   0.81790E-06  439901.1 3756984.1   176.0     3.49     7.44
3.25     YES
 L0021810         0   0.81790E-06  439898.6 3756968.3   176.0     3.49     7.44
3.25     YES
 L0021811         0   0.81790E-06  439895.8 3756952.6   176.0     3.49     7.44
3.25     YES
 L0021812         0   0.81790E-06  439893.1 3756936.8   176.0     3.49     7.44
3.25     YES
 L0021813         0   0.81790E-06  439890.3 3756921.1   176.0     3.49     7.44
3.25     YES
 L0021814         0   0.81790E-06  439887.5 3756905.3   176.0     3.49     7.44
3.25     YES
 L0021815         0   0.81790E-06  439884.7 3756889.6   176.0     3.49     7.44
3.25     YES
 L0021816         0   0.81790E-06  439881.9 3756873.8   176.0     3.49     7.44
3.25     YES
 L0021817         0   0.81790E-06  439879.1 3756858.1   176.0     3.49     7.44
3.25     YES
 L0021818         0   0.81790E-06  439876.3 3756842.3   176.0     3.49     7.44
3.25     YES
 L0021819         0   0.81790E-06  439873.5 3756826.6   176.0     3.49     7.44
3.25     YES
 L0021820         0   0.81790E-06  439870.7 3756810.8   176.0     3.49     7.44
3.25     YES
 L0021821         0   0.81790E-06  439867.9 3756795.1   176.0     3.49     7.44
3.25     YES
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*** VOLUME SOURCE DATA ***

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

SZ	SOURCE ID	SCALAR CATS.	VARY BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	L0021822	0	0.81790E-06	439865.1	3756779.3	176.0	3.49	7.44	3.25	YES
	L0021823	0	0.81790E-06	439862.3	3756763.5	176.0	3.49	7.44	3.25	YES
	L0021824	0	0.81790E-06	439859.5	3756747.8	176.0	3.49	7.44	3.25	YES
	L0021825	0	0.81790E-06	439856.7	3756732.0	176.0	3.49	7.44	3.25	YES
	L0021826	0	0.81790E-06	439853.9	3756716.3	176.0	3.49	7.44	3.25	YES
	L0021827	0	0.81790E-06	439851.1	3756700.5	176.0	3.49	7.44	3.25	YES
	L0021828	0	0.81790E-06	439848.3	3756684.8	176.0	3.49	7.44	3.25	YES
	L0021829	0	0.81790E-06	439845.0	3756669.2	176.0	3.49	7.44	3.25	YES
	L0021830	0	0.81790E-06	439840.1	3756653.9	176.0	3.49	7.44	3.25	YES
	L0021831	0	0.81790E-06	439835.2	3756638.7	176.0	3.49	7.44	3.25	YES
	L0021832	0	0.81790E-06	439830.3	3756623.5	176.0	3.49	7.44	3.25	YES
	L0021833	0	0.81790E-06	439825.3	3756608.2	176.0	3.49	7.44	3.25	YES
	L0021834	0	0.81790E-06	439820.4	3756593.0	176.0	3.49	7.44	3.25	YES
	L0021835	0	0.81790E-06	439815.5	3756577.8	176.0	3.49	7.44	3.25	YES
	L0021836	0	0.81790E-06	439810.6	3756562.6	176.0	3.49	7.44	3.25	YES
	L0021837	0	0.81790E-06	439805.7	3756547.3	176.0	3.49	7.44	3.25	YES
	L0021838	0	0.81790E-06	439800.8	3756532.1	176.0	3.49	7.44	3.25	YES
	L0021839	0	0.81790E-06	439795.9	3756516.9	176.0	3.49	7.44	3.25	YES
	L0021840	0	0.81790E-06	439791.0	3756501.6	176.0	3.49	7.44	3.25	YES
	L0021841	0	0.81790E-06	439786.1	3756486.4	176.0	3.49	7.44	3.25	YES
	L0021842	0	0.81790E-06	439781.2	3756471.2	176.0	3.49	7.44	3.25	YES

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 L0021843         0   0.81790E-06  439776.2 3756456.0   176.1     3.49     7.44
3.25     YES
 L0021844         0   0.81790E-06  439771.3 3756440.7   176.1     3.49     7.44
3.25     YES
 L0021845         0   0.81790E-06  439766.4 3756425.5   176.2     3.49     7.44
3.25     YES
 L0021846         0   0.81790E-06  439761.5 3756410.3   176.3     3.49     7.44
3.25     YES
 L0021847         0   0.81790E-06  439756.6 3756395.1   176.3     3.49     7.44
3.25     YES
 L0021848         0   0.81790E-06  439751.7 3756379.8   176.4     3.49     7.44
3.25     YES
 L0021849         0   0.81790E-06  439746.8 3756364.6   176.5     3.49     7.44
3.25     YES
 L0021850         0   0.81790E-06  439741.9 3756349.4   176.5     3.49     7.44
3.25     YES
 L0021851         0   0.81790E-06  439737.0 3756334.1   176.6     3.49     7.44
3.25     YES
 L0021852         0   0.81790E-06  439732.0 3756318.9   176.6     3.49     7.44
3.25     YES
 L0021853         0   0.81790E-06  439727.1 3756303.7   176.7     3.49     7.44
3.25     YES
 L0021854         0   0.81790E-06  439722.2 3756288.5   176.8     3.49     7.44
3.25     YES
 L0021855         0   0.81790E-06  439717.3 3756273.2   176.8     3.49     7.44
3.25     YES
 L0021856         0   0.81790E-06  439712.4 3756258.0   176.9     3.49     7.44
3.25     YES
 L0021857         0   0.81790E-06  439707.5 3756242.8   177.0     3.49     7.44
3.25     YES
 L0021858         0   0.81790E-06  439702.6 3756227.6   177.0     3.49     7.44
3.25     YES
 L0021859         0   0.81790E-06  439697.7 3756212.3   177.0     3.49     7.44
3.25     YES
 L0021860         0   0.81790E-06  439692.8 3756197.1   177.0     3.49     7.44
3.25     YES
 L0021861         0   0.81790E-06  439687.8 3756181.9   177.0     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:02:36

                                  PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY
L0021862	0	0.81790E-06	439682.9	3756166.6	177.0	3.49	7.44	3.25	YES
L0021863	0	0.81790E-06	439678.0	3756151.4	177.0	3.49	7.44	3.25	YES
L0021864	0	0.81790E-06	439672.8	3756136.3	177.0	3.49	7.44	3.25	YES
L0021865	0	0.81790E-06	439667.6	3756121.2	177.0	3.49	7.44	3.25	YES
L0021866	0	0.81790E-06	439662.3	3756106.1	177.0	3.49	7.44	3.25	YES
L0021867	0	0.81790E-06	439657.1	3756090.9	177.0	3.49	7.44	3.25	YES
L0021868	0	0.81790E-06	439651.8	3756075.8	177.0	3.49	7.44	3.25	YES
L0021869	0	0.81790E-06	439646.6	3756060.7	177.0	3.49	7.44	3.25	YES
L0021870	0	0.81790E-06	439641.5	3756045.5	177.0	3.49	7.44	3.25	YES
L0021871	0	0.81790E-06	439636.6	3756030.3	177.0	3.49	7.44	3.25	YES
L0021872	0	0.81790E-06	439631.8	3756015.1	177.0	3.49	7.44	3.25	YES
L0021873	0	0.81790E-06	439626.9	3755999.8	177.0	3.49	7.44	3.25	YES
L0021874	0	0.81790E-06	439622.1	3755984.6	177.0	3.49	7.44	3.25	YES
L0021875	0	0.81790E-06	439617.2	3755969.3	177.1	3.49	7.44	3.25	YES
L0021876	0	0.81790E-06	439612.4	3755954.1	177.2	3.49	7.44	3.25	YES
L0021877	0	0.81790E-06	439607.5	3755938.8	177.2	3.49	7.44	3.25	YES
L0021878	0	0.81790E-06	439602.7	3755923.6	177.3	3.49	7.44	3.25	YES
L0021879	0	0.81790E-06	439597.8	3755908.3	177.4	3.49	7.44	3.25	YES
L0021880	0	0.81790E-06	439592.9	3755893.1	177.4	3.49	7.44	3.25	YES

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 L0021881         0   0.81790E-06  439588.1 3755877.8   177.5     3.49     7.44
3.25     YES
 L0021882         0   0.81790E-06  439583.2 3755862.6   177.5     3.49     7.44
3.25     YES
 L0021883         0   0.81790E-06  439578.4 3755847.3   177.6     3.49     7.44
3.25     YES
 L0021884         0   0.81790E-06  439573.5 3755832.1   177.7     3.49     7.44
3.25     YES
 L0021885         0   0.81790E-06  439568.7 3755816.8   177.7     3.49     7.44
3.25     YES
 L0021886         0   0.81790E-06  439563.8 3755801.6   177.8     3.49     7.44
3.25     YES
 L0021887         0   0.81790E-06  439559.0 3755786.4   177.8     3.49     7.44
3.25     YES
 L0021888         0   0.81790E-06  439554.1 3755771.1   177.9     3.49     7.44
3.25     YES
 L0021889         0   0.81790E-06  439549.3 3755755.9   178.0     3.49     7.44
3.25     YES
 L0021890         0   0.81790E-06  439544.4 3755740.6   178.0     3.49     7.44
3.25     YES
 L0021891         0   0.81790E-06  439539.6 3755725.4   178.0     3.49     7.44
3.25     YES
 L0021892         0   0.81790E-06  439534.7 3755710.1   178.0     3.49     7.44
3.25     YES
 L0021893         0   0.81790E-06  439529.9 3755694.9   178.0     3.49     7.44
3.25     YES
 L0021894         0   0.81790E-06  439525.0 3755679.6   178.0     3.49     7.44
3.25     YES
 L0021895         0   0.81790E-06  439520.2 3755664.4   178.0     3.49     7.44
3.25     YES
 L0021896         0   0.81790E-06  439515.3 3755649.1   178.0     3.49     7.44
3.25     YES
 L0021897         0   0.81790E-06  439510.5 3755633.9   178.0     3.49     7.44
3.25     YES
 L0021898         0   0.81790E-06  439505.6 3755618.6   178.0     3.49     7.44
3.25     YES
 L0021899         0   0.81790E-06  439500.8 3755603.4   178.0     3.49     7.44
3.25     YES
 L0021900         0   0.81790E-06  439495.9 3755588.1   178.0     3.49     7.44
3.25     YES
 L0021901         0   0.81790E-06  439491.1 3755572.9   178.0     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:02:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0021902	0	0.81790E-06	439486.2	3755557.7	178.0	3.49	7.44	3.25	YES	
L0021903	0	0.81790E-06	439481.4	3755542.4	178.0	3.49	7.44	3.25	YES	
L0021904	0	0.81790E-06	439476.5	3755527.2	178.0	3.49	7.44	3.25	YES	
L0021905	0	0.81790E-06	439471.7	3755511.9	178.0	3.49	7.44	3.25	YES	
L0021906	0	0.81790E-06	439466.8	3755496.7	178.0	3.49	7.44	3.25	YES	
L0021907	0	0.81790E-06	439462.0	3755481.4	178.0	3.49	7.44	3.25	YES	
L0021908	0	0.81790E-06	439457.1	3755466.2	178.0	3.49	7.44	3.25	YES	
L0021909	0	0.81790E-06	439452.2	3755450.9	178.0	3.49	7.44	3.25	YES	
L0021910	0	0.81790E-06	439447.4	3755435.7	178.0	3.49	7.44	3.25	YES	
L0021911	0	0.81790E-06	439442.5	3755420.4	178.0	3.49	7.44	3.25	YES	
L0021912	0	0.81790E-06	439437.7	3755405.2	178.0	3.49	7.44	3.25	YES	
L0021913	0	0.81790E-06	439432.8	3755389.9	178.0	3.49	7.44	3.25	YES	
L0021914	0	0.81790E-06	439428.0	3755374.7	178.0	3.49	7.44	3.25	YES	
L0021915	0	0.81790E-06	439423.1	3755359.4	178.0	3.49	7.44	3.25	YES	
L0021916	0	0.81790E-06	439418.3	3755344.2	178.0	3.49	7.44	3.25	YES	
L0021917	0	0.81790E-06	439413.4	3755329.0	178.0	3.49	7.44	3.25	YES	
L0021918	0	0.81790E-06	439408.6	3755313.7	178.0	3.49	7.44	3.25	YES	

L0021919	0	0.81790E-06	439403.7	3755298.5	178.0	3.49	7.44	3.25 YES
L0021920	0	0.81790E-06	439398.9	3755283.2	178.0	3.49	7.44	3.25 YES
L0021921	0	0.81790E-06	439394.0	3755268.0	178.0	3.49	7.44	3.25 YES
L0021922	0	0.81790E-06	439389.2	3755252.7	178.0	3.49	7.44	3.25 YES
L0021923	0	0.81790E-06	439384.3	3755237.5	178.1	3.49	7.44	3.25 YES
L0021924	0	0.81790E-06	439379.5	3755222.2	178.1	3.49	7.44	3.25 YES
L0021925	0	0.81790E-06	439374.6	3755207.0	178.2	3.49	7.44	3.25 YES
L0021926	0	0.81790E-06	439369.8	3755191.7	178.2	3.49	7.44	3.25 YES
L0021927	0	0.81790E-06	439364.9	3755176.5	178.3	3.49	7.44	3.25 YES
L0021928	0	0.81790E-06	439360.1	3755161.2	178.4	3.49	7.44	3.25 YES
L0021929	0	0.81790E-06	439355.2	3755146.0	178.4	3.49	7.44	3.25 YES
L0021930	0	0.81790E-06	439350.1	3755130.8	178.5	3.49	7.44	3.25 YES
L0021931	0	0.81790E-06	439344.9	3755115.7	178.6	3.49	7.44	3.25 YES
L0021932	0	0.81790E-06	439339.7	3755100.6	178.6	3.49	7.44	3.25 YES
L0021933	0	0.81790E-06	439334.5	3755085.4	178.7	3.49	7.44	3.25 YES
L0021934	0	0.81790E-06	439329.3	3755070.3	178.8	3.49	7.44	3.25 YES
L0021935	0	0.81790E-06	439324.1	3755055.2	178.8	3.49	7.44	3.25 YES
L0021936	0	0.81790E-06	439318.8	3755040.1	178.9	3.49	7.44	3.25 YES
L0021937	0	0.81790E-06	439313.6	3755024.9	179.0	3.49	7.44	3.25 YES
L0021938	0	0.81790E-06	439308.4	3755009.8	179.0	3.49	7.44	3.25 YES
L0021939	0	0.81790E-06	439303.2	3754994.7	179.0	3.49	7.44	3.25 YES
L0021940	0	0.81790E-06	439298.0	3754979.6	179.0	3.49	7.44	3.25 YES
L0021941	0	0.81790E-06	439292.7	3754964.4	179.0	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0021942	0	0.81790E-06	439287.5	3754949.3	179.0	3.49	7.44	3.25	YES
L0021943	0	0.81790E-06	439282.3	3754934.2	179.0	3.49	7.44	3.25	YES
L0021944	0	0.81790E-06	439277.1	3754919.1	179.0	3.49	7.44	3.25	YES
L0021945	0	0.81790E-06	439269.2	3754905.4	179.0	3.49	7.44	3.25	YES
L0021946	0	0.81790E-06	439259.2	3754892.9	179.0	3.49	7.44	3.25	YES
L0021947	0	0.81790E-06	439249.3	3754880.3	179.0	3.49	7.44	3.25	YES
L0021948	0	0.81790E-06	439239.4	3754867.7	179.0	3.49	7.44	3.25	YES
L0021949	0	0.81790E-06	439229.5	3754855.2	179.0	3.49	7.44	3.25	YES
L0021950	0	0.81790E-06	439219.6	3754842.6	179.0	3.49	7.44	3.25	YES
L0021951	0	0.81790E-06	439209.7	3754830.1	179.1	3.49	7.44	3.25	YES
L0021952	0	0.81790E-06	439199.8	3754817.5	179.2	3.49	7.44	3.25	YES
L0021953	0	0.81790E-06	439189.9	3754804.9	179.4	3.49	7.44	3.25	YES
L0021954	0	0.81790E-06	439180.0	3754792.4	179.6	3.49	7.44	3.25	YES
L0021955	0	0.81790E-06	439170.0	3754779.8	179.8	3.49	7.44	3.25	YES
L0021956	0	0.81790E-06	439160.1	3754767.3	179.9	3.49	7.44	3.25	YES

L0021957	0	0.81790E-06	439150.2	3754754.7	180.1	3.49	7.44	3.25 YES
L0021958	0	0.81790E-06	439140.3	3754742.1	180.2	3.49	7.44	3.25 YES
L0021959	0	0.81790E-06	439130.4	3754729.6	180.3	3.49	7.44	3.25 YES
L0021960	0	0.81790E-06	439120.5	3754717.0	180.5	3.49	7.44	3.25 YES
L0021961	0	0.81790E-06	439110.6	3754704.5	180.6	3.49	7.44	3.25 YES
L0021962	0	0.81790E-06	439100.7	3754691.9	180.7	3.49	7.44	3.25 YES
L0021963	0	0.81790E-06	439090.8	3754679.3	180.8	3.49	7.44	3.25 YES
L0021964	0	0.11230E-05	441969.0	3760464.9	198.1	3.49	10.23	3.25 YES
L0021965	0	0.11230E-05	441947.0	3760464.9	197.4	3.49	10.23	3.25 YES
L0021966	0	0.11230E-05	441925.0	3760464.9	196.8	3.49	10.23	3.25 YES
L0021967	0	0.11230E-05	441903.0	3760464.9	196.2	3.49	10.23	3.25 YES
L0021968	0	0.11230E-05	441881.0	3760464.9	195.8	3.49	10.23	3.25 YES
L0021969	0	0.11230E-05	441859.0	3760464.9	195.8	3.49	10.23	3.25 YES
L0021970	0	0.11230E-05	441837.0	3760464.9	195.8	3.49	10.23	3.25 YES
L0021971	0	0.11230E-05	441815.0	3760464.9	195.8	3.49	10.23	3.25 YES
L0021972	0	0.11230E-05	441793.0	3760464.9	195.6	3.49	10.23	3.25 YES
L0021973	0	0.11230E-05	441771.0	3760464.9	195.4	3.49	10.23	3.25 YES
L0021974	0	0.11230E-05	441749.0	3760464.9	195.2	3.49	10.23	3.25 YES
L0021975	0	0.11230E-05	441727.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0021976	0	0.11230E-05	441705.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0021977	0	0.11230E-05	441683.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0021978	0	0.11230E-05	441661.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0021979	0	0.11230E-05	441639.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0021980	0	0.11230E-05	441617.0	3760464.9	195.0	3.49	10.23	3.25 YES

 L0021981   0   0.11230E-05 441595.0 3760464.9   195.0   3.49   10.23
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0021982   0   0.11230E-05 441573.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0021983   0   0.11230E-05 441551.0 3760464.9   194.9   3.49   10.23
3.25   YES
 L0021984   0   0.11230E-05 441529.0 3760464.9   194.8   3.49   10.23
3.25   YES
 L0021985   0   0.11230E-05 441507.0 3760464.9   194.8   3.49   10.23
3.25   YES
 L0021986   0   0.11230E-05 441485.0 3760464.9   194.7   3.49   10.23
3.25   YES
 L0021987   0   0.11230E-05 441463.0 3760464.9   194.7   3.49   10.23
3.25   YES
 L0021988   0   0.11230E-05 441441.0 3760464.9   194.7   3.49   10.23
3.25   YES
 L0021989   0   0.11230E-05 441419.0 3760464.9   194.7   3.49   10.23
3.25   YES
 L0021990   0   0.11230E-05 441397.0 3760464.9   194.7   3.49   10.23
3.25   YES
 L0021991   0   0.11230E-05 441375.0 3760464.9   194.7   3.49   10.23
3.25   YES
 L0021992   0   0.11230E-05 441353.0 3760464.9   194.7   3.49   10.23
3.25   YES
 L0021993   0   0.11230E-05 441331.0 3760464.9   194.7   3.49   10.23
3.25   YES
 L0021994   0   0.11230E-05 441309.0 3760464.9   194.7   3.49   10.23
3.25   YES

L0021995	0	0.11230E-05	441287.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0021996	0	0.11230E-05	441265.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0021997	0	0.11230E-05	441243.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0021998	0	0.11230E-05	441221.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0021999	0	0.11230E-05	441199.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0022000	0	0.11230E-05	441177.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0022001	0	0.11230E-05	441155.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0022002	0	0.11230E-05	441133.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0022003	0	0.11230E-05	441111.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0022004	0	0.11230E-05	441089.0	3760464.9	194.8	3.49	10.23	3.25 YES
L0022005	0	0.11230E-05	441067.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0022006	0	0.11230E-05	441045.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0022007	0	0.11230E-05	441023.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0022008	0	0.11230E-05	441001.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0022009	0	0.11230E-05	440979.0	3760464.9	194.8	3.49	10.23	3.25 YES
L0022010	0	0.11230E-05	440957.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0022011	0	0.11230E-05	440935.0	3760464.9	194.8	3.49	10.23	3.25 YES
L0022012	0	0.11230E-05	440913.0	3760464.9	194.9	3.49	10.23	3.25 YES
L0022013	0	0.11230E-05	440891.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0022014	0	0.11230E-05	440869.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0022015	0	0.11230E-05	440847.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0022016	0	0.11230E-05	440825.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0022017	0	0.11230E-05	440803.0	3760464.9	195.0	3.49	10.23	3.25 YES
L0022018	0	0.11230E-05	440781.0	3760464.9	195.0	3.49	10.23	3.25 YES

 L0022019   0   0.11230E-05 440759.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0022020   0   0.11230E-05 440737.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0022021   0   0.11230E-05 440715.0 3760464.9   195.0   3.49   10.23
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0022022   0   0.11230E-05 440693.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0022023   0   0.11230E-05 440671.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0022024   0   0.11230E-05 440649.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0022025   0   0.11230E-05 440627.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0022026   0   0.11230E-05 440605.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0022027   0   0.11230E-05 440583.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0022028   0   0.11230E-05 440561.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0022029   0   0.11230E-05 440539.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0022030   0   0.11230E-05 440517.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0022031   0   0.11230E-05 440495.0 3760464.9   195.0   3.49   10.23
3.25   YES
 L0022032   0   0.11230E-05 440473.0 3760464.9   194.9   3.49   10.23
3.25   YES

L0022033	0	0.11230E-05	440451.0	3760464.9	194.8	3.49	10.23	3.25 YES
L0022034	0	0.11230E-05	440429.0	3760464.9	194.7	3.49	10.23	3.25 YES
L0022035	0	0.11230E-05	440407.0	3760464.9	194.5	3.49	10.23	3.25 YES
L0022036	0	0.11230E-05	440385.0	3760464.9	194.2	3.49	10.23	3.25 YES
L0022037	0	0.11230E-05	440363.0	3760464.9	193.9	3.49	10.23	3.25 YES
L0022038	0	0.11230E-05	440341.0	3760464.9	193.6	3.49	10.23	3.25 YES
L0022039	0	0.11230E-05	440319.0	3760464.9	193.3	3.49	10.23	3.25 YES
L0022040	0	0.11230E-05	440297.0	3760464.9	193.0	3.49	10.23	3.25 YES
L0022041	0	0.11230E-05	440275.0	3760464.9	192.7	3.49	10.23	3.25 YES
L0022042	0	0.11230E-05	440253.0	3760464.9	192.7	3.49	10.23	3.25 YES
L0022043	0	0.11230E-05	440231.0	3760464.9	192.7	3.49	10.23	3.25 YES
L0022044	0	0.11230E-05	440209.0	3760464.9	192.7	3.49	10.23	3.25 YES
L0022045	0	0.11230E-05	440187.0	3760464.9	192.6	3.49	10.23	3.25 YES
L0022046	0	0.11230E-05	440165.0	3760464.9	192.3	3.49	10.23	3.25 YES
L0022047	0	0.11230E-05	440143.0	3760464.9	192.0	3.49	10.23	3.25 YES
L0022048	0	0.11230E-05	440121.0	3760464.9	191.7	3.49	10.23	3.25 YES
L0022049	0	0.11230E-05	440099.0	3760464.9	191.7	3.49	10.23	3.25 YES
L0022050	0	0.11230E-05	440077.0	3760464.9	191.7	3.49	10.23	3.25 YES
L0022051	0	0.11230E-05	440055.0	3760464.9	191.6	3.49	10.23	3.25 YES
L0022052	0	0.11230E-05	440033.0	3760464.9	191.6	3.49	10.23	3.25 YES
L0022053	0	0.11230E-05	440011.0	3760464.9	191.3	3.49	10.23	3.25 YES
L0022054	0	0.11230E-05	439989.0	3760464.9	191.0	3.49	10.23	3.25 YES
L0022055	0	0.11230E-05	439967.0	3760464.9	190.7	3.49	10.23	3.25 YES
L0022056	0	0.11230E-05	439945.0	3760464.9	190.4	3.49	10.23	3.25 YES

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 L0022057         0   0.11230E-05  439923.0 3760464.9   190.1     3.49    10.23
3.25     YES
 L0022058         0   0.11230E-05  439901.0 3760464.9   189.9     3.49    10.23
3.25     YES
 L0022059         0   0.11230E-05  439892.9 3760478.8   189.9     3.49    10.23
3.25     YES
 L0022060         0   0.11230E-05  439893.0 3760500.8   190.1     3.49    10.23
3.25     YES
 L0022061         0   0.11230E-05  439893.2 3760522.8   190.4     3.49    10.23
3.25     YES
↑ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:02:36

                                  PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0022062         0   0.11230E-05  439893.3 3760544.8   190.6     3.49    10.23
3.25     YES
 L0022063         0   0.11230E-05  439893.4 3760566.8   190.8     3.49    10.23
3.25     YES
 L0022064         0   0.11230E-05  439893.5 3760588.8   191.1     3.49    10.23
3.25     YES
 L0022065         0   0.11230E-05  439893.6 3760610.8   191.3     3.49    10.23
3.25     YES
 L0022066         0   0.11230E-05  439893.8 3760632.8   191.6     3.49    10.23
3.25     YES
 L0022067         0   0.11230E-05  439893.9 3760654.8   191.8     3.49    10.23
3.25     YES
 L0022068         0   0.11230E-05  439894.0 3760676.8   192.0     3.49    10.23
3.25     YES
 L0022069         0   0.11230E-05  439894.1 3760698.8   192.4     3.49    10.23
3.25     YES
 L0022070         0   0.11230E-05  439894.2 3760720.8   192.9     3.49    10.23
3.25     YES
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L0022071	0	0.11230E-05	439894.3	3760742.8	193.3	3.49	10.23	3.25 YES
L0022072	0	0.11230E-05	439894.5	3760764.8	193.8	3.49	10.23	3.25 YES
L0022073	0	0.11230E-05	439894.6	3760786.8	194.1	3.49	10.23	3.25 YES
L0022074	0	0.11230E-05	439894.7	3760808.8	194.3	3.49	10.23	3.25 YES
L0022075	0	0.11230E-05	439894.8	3760830.8	194.5	3.49	10.23	3.25 YES
L0022076	0	0.11230E-05	439894.9	3760852.8	194.7	3.49	10.23	3.25 YES
L0022077	0	0.11230E-05	439895.1	3760874.8	195.0	3.49	10.23	3.25 YES
L0022078	0	0.11230E-05	439895.2	3760896.8	195.2	3.49	10.23	3.25 YES
L0022079	0	0.11230E-05	439895.3	3760918.8	195.5	3.49	10.23	3.25 YES
L0022080	0	0.11230E-05	439895.4	3760940.8	195.8	3.49	10.23	3.25 YES
L0022081	0	0.11230E-05	439895.5	3760962.8	196.0	3.49	10.23	3.25 YES
L0022082	0	0.11230E-05	439895.7	3760984.8	196.3	3.49	10.23	3.25 YES
L0022083	0	0.11230E-05	439895.8	3761006.8	196.5	3.49	10.23	3.25 YES
L0022084	0	0.11230E-05	439895.9	3761028.8	196.7	3.49	10.23	3.25 YES
L0022085	0	0.11230E-05	439896.0	3761050.8	197.0	3.49	10.23	3.25 YES
L0022086	0	0.11230E-05	439896.1	3761072.8	197.2	3.49	10.23	3.25 YES
L0022087	0	0.11230E-05	439896.3	3761094.8	197.5	3.49	10.23	3.25 YES
L0022088	0	0.11230E-05	439896.4	3761116.8	197.7	3.49	10.23	3.25 YES
L0022089	0	0.11230E-05	439896.5	3761138.8	197.9	3.49	10.23	3.25 YES
L0022090	0	0.11230E-05	439896.6	3761160.8	198.2	3.49	10.23	3.25 YES
L0022091	0	0.11230E-05	439896.7	3761182.8	198.4	3.49	10.23	3.25 YES
L0022092	0	0.11230E-05	439896.8	3761204.7	198.6	3.49	10.23	3.25 YES
L0022093	0	0.11230E-05	439897.0	3761226.7	198.9	3.49	10.23	3.25 YES
L0022094	0	0.11230E-05	439897.1	3761248.7	199.2	3.49	10.23	3.25 YES

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 L0022095         0   0.11230E-05  439897.2 3761270.7   199.7     3.49    10.23
3.25     YES
 L0022096         0   0.11230E-05  439897.3 3761292.7   200.1     3.49    10.23
3.25     YES
 L0022097         0   0.11230E-05  439897.4 3761314.7   200.6     3.49    10.23
3.25     YES
 L0022098         0   0.11230E-05  439897.6 3761336.7   201.0     3.49    10.23
3.25     YES
 L0022099         0   0.11230E-05  439897.7 3761358.7   201.2     3.49    10.23
3.25     YES
 L0022100         0   0.11230E-05  439897.8 3761380.7   201.5     3.49    10.23
3.25     YES
 L0022101         0   0.11230E-05  439897.9 3761402.7   201.8     3.49    10.23
3.25     YES
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                                                    *** VOLUME SOURCE DATA ***

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

 L0022102         0   0.11230E-05  439898.0 3761424.7   202.0     3.49    10.23
3.25     YES
 L0022103         0   0.11230E-05  439898.2 3761446.7   202.3     3.49    10.23
3.25     YES
 L0022104         0   0.11230E-05  439898.3 3761468.7   202.5     3.49    10.23
3.25     YES
 L0022105         0   0.11230E-05  439898.4 3761490.7   202.7     3.49    10.23
3.25     YES
 L0022106         0   0.11230E-05  439898.5 3761512.7   203.0     3.49    10.23
3.25     YES
 L0022107         0   0.11230E-05  439898.6 3761534.7   203.4     3.49    10.23
3.25     YES
 L0022108         0   0.11230E-05  439898.8 3761556.7   203.9     3.49    10.23
3.25     YES
```

L0022109	0	0.11230E-05	439898.9	3761578.7	204.3	3.49	10.23	3.25 YES
L0022110	0	0.11230E-05	439899.0	3761600.7	204.8	3.49	10.23	3.25 YES
L0022111	0	0.11230E-05	439899.1	3761622.7	205.1	3.49	10.23	3.25 YES
L0022112	0	0.11230E-05	439899.2	3761644.7	205.4	3.49	10.23	3.25 YES
L0022113	0	0.11230E-05	439899.4	3761666.7	205.6	3.49	10.23	3.25 YES
L0022114	0	0.11230E-05	439899.5	3761688.7	205.9	3.49	10.23	3.25 YES
L0022115	0	0.11230E-05	439899.6	3761710.7	206.1	3.49	10.23	3.25 YES
L0022116	0	0.11230E-05	439899.7	3761732.7	206.4	3.49	10.23	3.25 YES
L0022117	0	0.11230E-05	439899.8	3761754.7	206.6	3.49	10.23	3.25 YES
L0022118	0	0.11230E-05	439900.0	3761776.7	206.8	3.49	10.23	3.25 YES
L0022119	0	0.11230E-05	439900.1	3761798.7	207.1	3.49	10.23	3.25 YES
L0022120	0	0.11230E-05	439900.2	3761820.7	207.6	3.49	10.23	3.25 YES
L0022121	0	0.11230E-05	439900.3	3761842.7	208.1	3.49	10.23	3.25 YES
L0022122	0	0.11230E-05	439900.4	3761864.7	208.6	3.49	10.23	3.25 YES
L0022123	0	0.11230E-05	439900.5	3761886.7	209.0	3.49	10.23	3.25 YES
L0022124	0	0.11230E-05	439900.7	3761908.7	209.5	3.49	10.23	3.25 YES
L0022125	0	0.11230E-05	439900.8	3761930.7	210.0	3.49	10.23	3.25 YES
L0022126	0	0.11230E-05	439900.9	3761952.7	210.5	3.49	10.23	3.25 YES
L0022127	0	0.11230E-05	439901.0	3761974.7	211.0	3.49	10.23	3.25 YES
L0022128	0	0.11230E-05	439901.1	3761996.7	211.2	3.49	10.23	3.25 YES
L0022129	0	0.11230E-05	439901.3	3762018.7	211.5	3.49	10.23	3.25 YES
L0022130	0	0.11230E-05	439901.4	3762040.7	211.7	3.49	10.23	3.25 YES
L0022131	0	0.11230E-05	439901.5	3762062.7	211.9	3.49	10.23	3.25 YES
L0022132	0	0.11230E-05	439901.6	3762084.7	212.3	3.49	10.23	3.25 YES

 L0022133   0   0.11230E-05 439901.7 3762106.7   212.8   3.49   10.23
3.25   YES
 L0022134   0   0.11230E-05 439901.9 3762128.7   213.2   3.49   10.23
3.25   YES
 L0022135   0   0.11230E-05 439902.0 3762150.7   213.7   3.49   10.23
3.25   YES
 L0022136   0   0.11230E-05 439902.1 3762172.7   214.0   3.49   10.23
3.25   YES
 L0022137   0   0.11230E-05 439902.2 3762194.7   214.3   3.49   10.23
3.25   YES
 L0022138   0   0.11230E-05 439902.3 3762216.7   214.6   3.49   10.23
3.25   YES
 L0022139   0   0.11230E-05 439902.5 3762238.7   214.8   3.49   10.23
3.25   YES
 L0022140   0   0.11230E-05 439902.6 3762260.7   215.1   3.49   10.23
3.25   YES
 L0022141   0   0.11230E-05 439902.7 3762282.7   215.3   3.49   10.23
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0022142   0   0.11230E-05 439902.8 3762304.7   215.5   3.49   10.23
3.25   YES
 L0022143   0   0.11230E-05 439902.9 3762326.7   215.8   3.49   10.23
3.25   YES
 L0022144   0   0.11230E-05 439903.1 3762348.7   215.9   3.49   10.23
3.25   YES
 L0022145   0   0.11230E-05 439903.2 3762370.7   215.2   3.49   10.23
3.25   YES
 L0022146   0   0.11230E-05 439903.3 3762392.7   214.4   3.49   10.23
3.25   YES

L0022147	0	0.11230E-05	439903.4	3762414.7	213.7	3.49	10.23	3.25 YES
L0022148	0	0.11230E-05	439903.5	3762436.7	212.9	3.49	10.23	3.25 YES
L0022149	0	0.11230E-05	439903.6	3762458.7	212.4	3.49	10.23	3.25 YES
L0022150	0	0.11230E-05	439903.8	3762480.7	212.0	3.49	10.23	3.25 YES
L0022151	0	0.11230E-05	439903.9	3762502.7	211.5	3.49	10.23	3.25 YES
L0022152	0	0.11230E-05	439904.0	3762524.7	211.1	3.49	10.23	3.25 YES
L0022153	0	0.11230E-05	439904.1	3762546.7	211.6	3.49	10.23	3.25 YES
L0022154	0	0.11230E-05	439904.2	3762568.7	212.5	3.49	10.23	3.25 YES
L0022155	0	0.11230E-05	439904.4	3762590.7	213.5	3.49	10.23	3.25 YES
L0022156	0	0.11230E-05	439904.5	3762612.7	214.4	3.49	10.23	3.25 YES
L0022157	0	0.11230E-05	439904.6	3762634.7	215.0	3.49	10.23	3.25 YES
L0022158	0	0.11230E-05	439904.7	3762656.7	215.3	3.49	10.23	3.25 YES
L0022159	0	0.11230E-05	439904.8	3762678.7	215.6	3.49	10.23	3.25 YES
L0022160	0	0.11230E-05	439905.0	3762700.7	215.8	3.49	10.23	3.25 YES
L0022161	0	0.11230E-05	439905.1	3762722.7	216.3	3.49	10.23	3.25 YES
L0022162	0	0.11230E-05	439905.2	3762744.7	217.3	3.49	10.23	3.25 YES
L0022163	0	0.11230E-05	439905.3	3762766.7	218.3	3.49	10.23	3.25 YES
L0022164	0	0.11230E-05	439905.4	3762788.7	219.2	3.49	10.23	3.25 YES
L0022165	0	0.11230E-05	439905.6	3762810.7	220.1	3.49	10.23	3.25 YES
L0022166	0	0.11230E-05	439905.7	3762832.7	219.3	3.49	10.23	3.25 YES
L0022167	0	0.11230E-05	439905.8	3762854.7	218.6	3.49	10.23	3.25 YES
L0022168	0	0.11230E-05	439905.9	3762876.7	217.8	3.49	10.23	3.25 YES
L0022169	0	0.11230E-05	439906.0	3762898.7	217.1	3.49	10.23	3.25 YES
L0022170	0	0.11230E-05	439906.2	3762920.7	217.0	3.49	10.23	3.25 YES

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 L0022171         0   0.11230E-05  439906.3 3762942.7   217.0     3.49    10.23
3.25     YES
 L0022172         0   0.11230E-05  439906.4 3762964.7   217.1     3.49    10.23
3.25     YES
 L0022173         0   0.11230E-05  439906.5 3762986.7   217.1     3.49    10.23
3.25     YES
 L0022174         0   0.11230E-05  439906.6 3763008.7   217.4     3.49    10.23
3.25     YES
 L0022175         0   0.11230E-05  439906.7 3763030.7   217.9     3.49    10.23
3.25     YES
 L0022176         0   0.11230E-05  439906.9 3763052.7   218.3     3.49    10.23
3.25     YES
 L0022177         0   0.11230E-05  439907.0 3763074.7   218.8     3.49    10.23
3.25     YES
 L0022178         0   0.11230E-05  439907.1 3763096.7   219.2     3.49    10.23
3.25     YES
 L0022179         0   0.11230E-05  439907.2 3763118.7   219.7     3.49    10.23
3.25     YES
 L0022180         0   0.11230E-05  439907.3 3763140.7   220.1     3.49    10.23
3.25     YES
 L0022181         0   0.11230E-05  439907.5 3763162.7   220.6     3.49    10.23
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:02:36

                                   PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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 L0022182         0   0.11230E-05  439907.6 3763184.7   220.9     3.49    10.23
3.25     YES
 L0022183         0   0.11230E-05  439907.7 3763206.7   220.9     3.49    10.23
3.25     YES
 L0022184         0   0.11230E-05  439907.8 3763228.7   220.9     3.49    10.23
3.25     YES
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L0022185	0	0.11230E-05	439907.9	3763250.7	220.9	3.49	10.23	3.25 YES
L0022186	0	0.11230E-05	439908.1	3763272.7	221.0	3.49	10.23	3.25 YES
L0022187	0	0.11230E-05	439908.2	3763294.7	221.7	3.49	10.23	3.25 YES
L0022188	0	0.11230E-05	439908.3	3763316.7	222.5	3.49	10.23	3.25 YES
L0022189	0	0.11230E-05	439908.4	3763338.7	223.2	3.49	10.23	3.25 YES
L0022190	0	0.11230E-05	439908.5	3763360.7	223.9	3.49	10.23	3.25 YES
L0022191	0	0.11230E-05	439908.7	3763382.7	223.2	3.49	10.23	3.25 YES
L0022192	0	0.11230E-05	439908.8	3763404.7	222.2	3.49	10.23	3.25 YES
L0022193	0	0.11230E-05	439908.9	3763426.7	221.3	3.49	10.23	3.25 YES
L0022194	0	0.11230E-05	439909.0	3763448.7	220.4	3.49	10.23	3.25 YES
L0022195	0	0.11230E-05	439909.1	3763470.7	220.6	3.49	10.23	3.25 YES
L0022196	0	0.11230E-05	439909.3	3763492.7	221.3	3.49	10.23	3.25 YES
L0022197	0	0.11230E-05	439909.4	3763514.7	222.0	3.49	10.23	3.25 YES
L0022198	0	0.11230E-05	439909.5	3763536.7	222.8	3.49	10.23	3.25 YES
L0022199	0	0.11230E-05	439909.6	3763558.7	222.9	3.49	10.23	3.25 YES
L0022200	0	0.11230E-05	439909.7	3763580.7	222.4	3.49	10.23	3.25 YES
L0022201	0	0.11230E-05	439909.8	3763602.7	221.9	3.49	10.23	3.25 YES
L0022202	0	0.11230E-05	439910.0	3763624.7	221.4	3.49	10.23	3.25 YES
L0022203	0	0.11230E-05	439910.1	3763646.7	221.3	3.49	10.23	3.25 YES
L0022204	0	0.11230E-05	439910.2	3763668.7	222.0	3.49	10.23	3.25 YES
L0022205	0	0.11230E-05	439910.3	3763690.7	222.7	3.49	10.23	3.25 YES
L0022206	0	0.11230E-05	439910.4	3763712.7	223.5	3.49	10.23	3.25 YES
L0022207	0	0.11230E-05	439910.6	3763734.7	224.2	3.49	10.23	3.25 YES
L0022208	0	0.11230E-05	439910.7	3763756.7	225.4	3.49	10.23	3.25 YES

 L0022209   0   0.11230E-05 439910.8 3763778.7   226.5   3.49   10.23
3.25   YES
 L0022210   0   0.11230E-05 439910.9 3763800.7   227.7   3.49   10.23
3.25   YES
 L0022211   0   0.11230E-05 439911.0 3763822.7   228.8   3.49   10.23
3.25   YES
 L0022212   0   0.11230E-05 439911.2 3763844.7   229.6   3.49   10.23
3.25   YES
 L0022213   0   0.11230E-05 439911.3 3763866.7   230.3   3.49   10.23
3.25   YES
 L0022214   0   0.11230E-05 439911.4 3763888.7   231.1   3.49   10.23
3.25   YES
 L0022215   0   0.11230E-05 439911.5 3763910.7   231.8   3.49   10.23
3.25   YES
 L0022216   0   0.11230E-05 439911.6 3763932.7   231.9   3.49   10.23
3.25   YES
 L0022217   0   0.11230E-05 439911.8 3763954.7   231.6   3.49   10.23
3.25   YES
 L0022218   0   0.11230E-05 439911.9 3763976.7   231.3   3.49   10.23
3.25   YES
 L0022219   0   0.11230E-05 439912.0 3763998.7   231.1   3.49   10.23
3.25   YES
 L0022220   0   0.11230E-05 439912.1 3764020.7   230.7   3.49   10.23
3.25   YES
 L0022221   0   0.11230E-05 439912.2 3764042.7   230.2   3.49   10.23
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0022222   0   0.11230E-05 439912.4 3764064.7   229.8   3.49   10.23
3.25   YES

L0022223	0	0.11230E-05	439912.5	3764086.7	229.3	3.49	10.23	3.25 YES
L0022224	0	0.11230E-05	439912.6	3764108.7	229.3	3.49	10.23	3.25 YES
L0022225	0	0.11230E-05	439912.7	3764130.7	230.6	3.49	10.23	3.25 YES
L0022226	0	0.11230E-05	439912.8	3764152.7	231.8	3.49	10.23	3.25 YES
L0022227	0	0.11230E-05	439912.9	3764174.7	233.0	3.49	10.23	3.25 YES
L0022228	0	0.11230E-05	439913.1	3764196.7	234.2	3.49	10.23	3.25 YES
L0022229	0	0.11230E-05	439913.2	3764218.7	235.3	3.49	10.23	3.25 YES
L0022230	0	0.11230E-05	439913.3	3764240.7	236.5	3.49	10.23	3.25 YES
L0022231	0	0.11230E-05	439913.4	3764262.7	237.7	3.49	10.23	3.25 YES
L0022232	0	0.11230E-05	439913.5	3764284.7	238.9	3.49	10.23	3.25 YES
L0022233	0	0.11230E-05	439913.7	3764306.7	238.4	3.49	10.23	3.25 YES
L0022234	0	0.11230E-05	439913.8	3764328.7	237.7	3.49	10.23	3.25 YES
L0022235	0	0.11230E-05	439913.9	3764350.7	236.9	3.49	10.23	3.25 YES
L0022236	0	0.11230E-05	439914.0	3764372.7	236.2	3.49	10.23	3.25 YES
L0022237	0	0.11230E-05	439914.1	3764394.7	236.5	3.49	10.23	3.25 YES
L0022238	0	0.11230E-05	439914.3	3764416.7	237.2	3.49	10.23	3.25 YES
L0022239	0	0.11230E-05	439914.4	3764438.7	237.9	3.49	10.23	3.25 YES
L0022240	0	0.11230E-05	439914.5	3764460.7	238.6	3.49	10.23	3.25 YES
L0022241	0	0.11230E-05	439914.6	3764482.7	238.8	3.49	10.23	3.25 YES
L0022242	0	0.11230E-05	439914.7	3764504.7	238.2	3.49	10.23	3.25 YES
L0022243	0	0.11230E-05	439914.9	3764526.7	237.8	3.49	10.23	3.25 YES
L0022244	0	0.11230E-05	439915.0	3764548.7	237.2	3.49	10.23	3.25 YES
L0022245	0	0.11230E-05	439915.1	3764570.7	237.2	3.49	10.23	3.25 YES
L0022246	0	0.11230E-05	439915.2	3764592.7	238.5	3.49	10.23	3.25 YES

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 L0022247         0   0.11230E-05  439915.3 3764614.7   239.7     3.49    10.23
3.25     YES
 L0022248         0   0.11230E-05  439915.5 3764636.7   240.9     3.49    10.23
3.25     YES
 L0022249         0   0.11230E-05  439915.6 3764658.7   242.0     3.49    10.23
3.25     YES
 L0022250         0   0.11230E-05  439915.7 3764680.7   242.5     3.49    10.23
3.25     YES
 L0022251         0   0.11230E-05  439915.8 3764702.7   243.0     3.49    10.23
3.25     YES
 L0022252         0   0.11230E-05  439915.9 3764724.7   243.4     3.49    10.23
3.25     YES
 L0022253         0   0.11230E-05  439916.0 3764746.7   243.9     3.49    10.23
3.25     YES
 L0022254         0   0.11230E-05  439916.2 3764768.7   244.4     3.49    10.23
3.25     YES
 L0022255         0   0.11230E-05  439916.3 3764790.7   244.9     3.49    10.23
3.25     YES
 L0022256         0   0.11230E-05  439916.4 3764812.7   245.4     3.49    10.23
3.25     YES
 L0022257         0   0.11230E-05  439916.5 3764834.7   245.9     3.49    10.23
3.25     YES
 L0022258         0   0.11230E-05  439916.6 3764856.7   245.8     3.49    10.23
3.25     YES
 L0022259         0   0.11230E-05  439916.8 3764878.7   245.6     3.49    10.23
3.25     YES
 L0022260         0   0.11230E-05  439916.9 3764900.7   245.3     3.49    10.23
3.25     YES
 L0022261         0   0.11230E-05  439917.0 3764922.7   245.1     3.49    10.23
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:02:36

                                  PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0022262	0	0.11230E-05	439917.1	3764944.7	244.5	3.49	10.23	3.25	YES
L0022263	0	0.11230E-05	439917.2	3764966.7	243.6	3.49	10.23	3.25	YES
L0022264	0	0.11230E-05	439917.4	3764988.7	242.6	3.49	10.23	3.25	YES
L0022265	0	0.11230E-05	439917.5	3765010.7	241.7	3.49	10.23	3.25	YES
L0022266	0	0.11230E-05	439917.6	3765032.7	241.1	3.49	10.23	3.25	YES
L0022267	0	0.11230E-05	439917.7	3765054.7	241.4	3.49	10.23	3.25	YES
L0022268	0	0.11230E-05	439917.8	3765076.7	241.6	3.49	10.23	3.25	YES
L0022269	0	0.11230E-05	439918.0	3765098.7	241.8	3.49	10.23	3.25	YES
L0022270	0	0.11230E-05	439918.1	3765120.7	242.1	3.49	10.23	3.25	YES
L0022271	0	0.11230E-05	439918.2	3765142.7	243.1	3.49	10.23	3.25	YES
L0022272	0	0.11230E-05	439918.3	3765164.7	244.0	3.49	10.23	3.25	YES
L0022273	0	0.11230E-05	439918.4	3765186.7	245.0	3.49	10.23	3.25	YES
L0022274	0	0.11230E-05	439918.6	3765208.7	245.9	3.49	10.23	3.25	YES
L0022275	0	0.11230E-05	439918.7	3765230.7	245.8	3.49	10.23	3.25	YES
L0022276	0	0.11230E-05	439918.8	3765252.7	245.5	3.49	10.23	3.25	YES
L0022277	0	0.11230E-05	439918.9	3765274.7	245.3	3.49	10.23	3.25	YES
L0022278	0	0.11230E-05	439919.0	3765296.7	245.0	3.49	10.23	3.25	YES
L0022279	0	0.11230E-05	439919.1	3765318.7	244.8	3.49	10.23	3.25	YES
L0022280	0	0.11230E-05	439919.3	3765340.7	244.6	3.49	10.23	3.25	YES
L0022281	0	0.11230E-05	439919.4	3765362.7	244.4	3.49	10.23	3.25	YES
L0022282	0	0.11230E-05	439919.5	3765384.7	244.2	3.49	10.23	3.25	YES
L0022283	0	0.11230E-05	439919.6	3765406.7	244.4	3.49	10.23	3.25	YES
L0022284	0	0.11230E-05	439919.7	3765428.7	245.1	3.49	10.23	3.25	YES

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 L0022285         0   0.11230E-05  439919.9 3765450.7   245.9     3.49    10.23
3.25     YES
 L0022286         0   0.11230E-05  439920.0 3765472.7   246.6     3.49    10.23
3.25     YES
 L0022287         0   0.11230E-05  439920.1 3765494.7   247.8     3.49    10.23
3.25     YES
 L0022288         0   0.11230E-05  439920.2 3765516.7   250.1     3.49    10.23
3.25     YES
 L0022289         0   0.11230E-05  439920.3 3765538.7   252.5     3.49    10.23
3.25     YES
 L0022290         0   0.11230E-05  439920.5 3765560.7   254.8     3.49    10.23
3.25     YES
 L0022291         0   0.11230E-05  439920.6 3765582.7   256.9     3.49    10.23
3.25     YES
 L0022292         0   0.11230E-05  439920.7 3765604.7   256.2     3.49    10.23
3.25     YES
 L0022293         0   0.11230E-05  439920.8 3765626.7   255.5     3.49    10.23
3.25     YES
 L0022294         0   0.11230E-05  439920.9 3765648.7   254.8     3.49    10.23
3.25     YES
 L0022295         0   0.11230E-05  439921.1 3765670.7   254.1     3.49    10.23
3.25     YES
 L0022296         0   0.11230E-05  439921.2 3765692.7   255.3     3.49    10.23
3.25     YES
 L0022297         0   0.11230E-05  439921.3 3765714.7   256.7     3.49    10.23
3.25     YES
 L0022298         0   0.11230E-05  439921.4 3765736.7   258.2     3.49    10.23
3.25     YES
 L0022299         0   0.13630E-05  443950.6 3760468.9   207.9     3.49     7.44
3.25     YES
 L0022300         0   0.13630E-05  443966.6 3760468.0   207.8     3.49     7.44
3.25     YES
 L0022301         0   0.13630E-05  443982.6 3760467.1   207.4     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:02:36

                                  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
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SZ	SOURCE ID	SCALAR CATS.	VARY BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	L0022302	0	0.13630E-05	443998.5	3760466.0	207.0	3.49	7.44	3.25 YES
	L0022303	0	0.13630E-05	444014.1	3760462.6	206.5	3.49	7.44	3.25 YES
	L0022304	0	0.13630E-05	444029.8	3760459.3	206.1	3.49	7.44	3.25 YES
	L0022305	0	0.13630E-05	444044.9	3760453.9	205.8	3.49	7.44	3.25 YES
	L0022306	0	0.13630E-05	444059.9	3760448.5	205.7	3.49	7.44	3.25 YES
	L0022307	0	0.13630E-05	444075.0	3760443.1	205.7	3.49	7.44	3.25 YES
	L0022308	0	0.13630E-05	444090.0	3760437.6	205.6	3.49	7.44	3.25 YES
	L0022309	0	0.13630E-05	444104.9	3760431.9	205.6	3.49	7.44	3.25 YES
	L0022310	0	0.13630E-05	444119.9	3760426.1	205.5	3.49	7.44	3.25 YES
	L0022311	0	0.13630E-05	444134.8	3760420.3	205.7	3.49	7.44	3.25 YES
	L0022312	0	0.13630E-05	444150.2	3760416.5	205.8	3.49	7.44	3.25 YES
	L0022313	0	0.13630E-05	444166.0	3760413.9	206.0	3.49	7.44	3.25 YES
	L0022314	0	0.13630E-05	444181.8	3760411.2	206.2	3.49	7.44	3.25 YES
	L0022315	0	0.13630E-05	444197.6	3760409.2	206.3	3.49	7.44	3.25 YES
	L0022316	0	0.13630E-05	444213.6	3760409.3	206.4	3.49	7.44	3.25 YES
	L0022317	0	0.13630E-05	444229.6	3760409.4	206.5	3.49	7.44	3.25 YES
	L0022318	0	0.13630E-05	444245.6	3760409.5	206.5	3.49	7.44	3.25 YES
	L0022319	0	0.13630E-05	444261.6	3760409.6	206.6	3.49	7.44	3.25 YES
	L0022320	0	0.13630E-05	444277.6	3760409.7	206.7	3.49	7.44	3.25 YES
	L0022321	0	0.13630E-05	444293.6	3760409.8	206.9	3.49	7.44	3.25 YES
	L0022322	0	0.13630E-05	444309.6	3760409.9	207.0	3.49	7.44	3.25 YES

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 L0022323         0   0.13630E-05  444325.6 3760410.0   207.1     3.49     7.44
3.25     YES
 L0022324         0   0.13630E-05  444341.6 3760410.1   207.3     3.49     7.44
3.25     YES
 L0022325         0   0.13630E-05  444357.6 3760410.4   207.3     3.49     7.44
3.25     YES
 L0022326         0   0.13630E-05  444373.6 3760410.9   207.3     3.49     7.44
3.25     YES
 L0022327         0   0.13630E-05  444389.6 3760411.3   207.4     3.49     7.44
3.25     YES
 L0022328         0   0.13630E-05  444405.6 3760411.7   207.4     3.49     7.44
3.25     YES
 L0022329         0   0.13630E-05  444421.6 3760412.1   207.4     3.49     7.44
3.25     YES
 L0022330         0   0.13630E-05  444437.6 3760412.5   207.4     3.49     7.44
3.25     YES
 L0022331         0   0.13630E-05  444453.6 3760412.9   207.4     3.49     7.44
3.25     YES
 L0022332         0   0.13630E-05  444469.6 3760413.0   207.4     3.49     7.44
3.25     YES
 L0022333         0   0.13630E-05  444485.6 3760412.7   207.4     3.49     7.44
3.25     YES
 L0022334         0   0.13630E-05  444501.6 3760412.4   207.4     3.49     7.44
3.25     YES
 L0022335         0   0.13630E-05  444517.6 3760412.1   206.8     3.49     7.44
3.25     YES
 L0022336         0   0.13630E-05  444533.6 3760411.8   206.2     3.49     7.44
3.25     YES
 L0022337         0   0.13630E-05  444549.6 3760411.5   205.5     3.49     7.44
3.25     YES
 L0022338         0   0.13630E-05  444565.6 3760411.2   204.9     3.49     7.44
3.25     YES
 L0022339         0   0.13630E-05  444581.6 3760410.9   204.4     3.49     7.44
3.25     YES
 L0022340         0   0.13630E-05  444597.6 3760410.6   204.3     3.49     7.44
3.25     YES
 L0022341         0   0.13630E-05  444613.6 3760410.3   204.2     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:02:36

                                   PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY
L0022342	0	0.13630E-05	444629.6	3760410.0	204.1	3.49	7.44	3.25	YES
L0022343	0	0.13630E-05	444645.5	3760409.7	204.1	3.49	7.44	3.25	YES
L0022344	0	0.13630E-05	444661.5	3760409.4	204.0	3.49	7.44	3.25	YES
L0022345	0	0.13630E-05	444677.5	3760409.1	204.1	3.49	7.44	3.25	YES
L0022346	0	0.13630E-05	444693.5	3760408.8	204.2	3.49	7.44	3.25	YES
L0022347	0	0.13630E-05	444709.5	3760408.5	204.2	3.49	7.44	3.25	YES
L0022348	0	0.13630E-05	444725.5	3760408.2	204.3	3.49	7.44	3.25	YES
L0022349	0	0.13630E-05	444741.5	3760408.0	204.3	3.49	7.44	3.25	YES
L0022350	0	0.13630E-05	444757.5	3760407.9	204.3	3.49	7.44	3.25	YES
L0022351	0	0.13630E-05	444773.5	3760407.7	204.3	3.49	7.44	3.25	YES
L0022352	0	0.13630E-05	444789.5	3760407.6	204.3	3.49	7.44	3.25	YES
L0022353	0	0.13630E-05	444805.5	3760407.4	204.3	3.49	7.44	3.25	YES
L0022354	0	0.13630E-05	444821.5	3760407.3	204.5	3.49	7.44	3.25	YES
L0022355	0	0.13630E-05	444837.5	3760407.2	204.7	3.49	7.44	3.25	YES
L0022356	0	0.13630E-05	444853.5	3760407.0	204.9	3.49	7.44	3.25	YES
L0022357	0	0.13630E-05	444869.5	3760406.9	205.1	3.49	7.44	3.25	YES
L0022358	0	0.13630E-05	444885.5	3760406.7	205.3	3.49	7.44	3.25	YES
L0022359	0	0.13630E-05	444901.5	3760406.6	205.3	3.49	7.44	3.25	YES
L0022360	0	0.13630E-05	444917.5	3760406.5	205.3	3.49	7.44	3.25	YES

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 L0022361         0   0.13630E-05  444933.5 3760406.3   205.3     3.49     7.44
3.25     YES
 L0022362         0   0.13630E-05  444949.5 3760406.2   205.3     3.49     7.44
3.25     YES
 L0022363         0   0.13630E-05  444965.5 3760406.0   205.3     3.49     7.44
3.25     YES
 L0022364         0   0.13630E-05  444981.5 3760405.9   205.6     3.49     7.44
3.25     YES
 L0022365         0   0.13630E-05  444997.5 3760405.8   205.8     3.49     7.44
3.25     YES
 L0022366         0   0.13630E-05  445013.5 3760405.6   206.0     3.49     7.44
3.25     YES
 L0022367         0   0.13630E-05  445029.5 3760405.5   206.2     3.49     7.44
3.25     YES
 L0022368         0   0.13630E-05  445045.5 3760405.3   206.4     3.49     7.44
3.25     YES
 L0022369         0   0.13630E-05  445061.5 3760405.2   206.6     3.49     7.44
3.25     YES
 L0022370         0   0.13630E-05  445077.5 3760405.1   206.8     3.49     7.44
3.25     YES
 L0022371         0   0.13630E-05  445093.5 3760404.9   207.0     3.49     7.44
3.25     YES
 L0022372         0   0.13630E-05  445109.5 3760404.8   207.2     3.49     7.44
3.25     YES
 L0022373         0   0.13630E-05  445125.5 3760404.6   207.1     3.49     7.44
3.25     YES
 L0022374         0   0.13630E-05  445141.5 3760404.5   206.7     3.49     7.44
3.25     YES
 L0022375         0   0.13630E-05  445157.5 3760404.4   206.3     3.49     7.44
3.25     YES
 L0022376         0   0.13630E-05  445173.5 3760404.2   205.9     3.49     7.44
3.25     YES
 L0022377         0   0.54290E-06  445195.5 3760425.0   205.6     3.49     7.44
3.25     YES
 L0022378         0   0.54290E-06  445195.6 3760441.0   205.7     3.49     7.44
3.25     YES
 L0022379         0   0.54290E-06  445195.7 3760457.0   205.9     3.49     7.44
3.25     YES
 L0022380         0   0.54290E-06  445195.8 3760473.0   206.0     3.49     7.44
3.25     YES
 L0022381         0   0.54290E-06  445195.9 3760489.0   206.0     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:02:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0022382	0	0.54290E-06	445196.0	3760505.0	206.0	3.49	7.44	3.25	YES	
L0022383	0	0.54290E-06	445196.1	3760521.0	206.0	3.49	7.44	3.25	YES	
L0022384	0	0.54290E-06	445196.3	3760537.0	206.0	3.49	7.44	3.25	YES	
L0022385	0	0.54290E-06	445196.4	3760553.0	206.0	3.49	7.44	3.25	YES	
L0022386	0	0.54290E-06	445196.5	3760569.0	206.0	3.49	7.44	3.25	YES	
L0022387	0	0.54290E-06	445196.6	3760585.0	206.0	3.49	7.44	3.25	YES	
L0022388	0	0.54290E-06	445196.7	3760601.0	206.0	3.49	7.44	3.25	YES	
L0022389	0	0.54290E-06	445196.8	3760617.0	206.0	3.49	7.44	3.25	YES	
L0022390	0	0.54290E-06	445196.9	3760633.0	206.0	3.49	7.44	3.25	YES	
L0022391	0	0.54290E-06	445197.0	3760649.0	206.0	3.49	7.44	3.25	YES	
L0022392	0	0.54290E-06	445197.1	3760665.0	206.2	3.49	7.44	3.25	YES	
L0022393	0	0.54290E-06	445197.2	3760681.0	206.3	3.49	7.44	3.25	YES	
L0022394	0	0.54290E-06	445197.3	3760697.0	206.5	3.49	7.44	3.25	YES	
L0022395	0	0.54290E-06	445197.4	3760713.0	206.7	3.49	7.44	3.25	YES	
L0022396	0	0.54290E-06	445197.5	3760729.0	206.8	3.49	7.44	3.25	YES	
L0022397	0	0.54290E-06	445197.6	3760745.0	207.0	3.49	7.44	3.25	YES	
L0022398	0	0.54290E-06	445197.8	3760761.0	207.0	3.49	7.44	3.25	YES	

L0022399	0	0.54290E-06	445197.9	3760777.0	207.0	3.49	7.44	3.25 YES
L0022400	0	0.54290E-06	445198.0	3760793.0	207.0	3.49	7.44	3.25 YES
L0022401	0	0.54290E-06	445198.1	3760809.0	207.0	3.49	7.44	3.25 YES
L0022402	0	0.54290E-06	445198.2	3760825.0	207.0	3.49	7.44	3.25 YES
L0022403	0	0.54290E-06	445198.3	3760841.0	207.0	3.49	7.44	3.25 YES
L0022404	0	0.54290E-06	445198.4	3760857.0	207.0	3.49	7.44	3.25 YES
L0022405	0	0.54290E-06	445198.5	3760873.0	207.0	3.49	7.44	3.25 YES
L0022406	0	0.54290E-06	445198.6	3760889.0	207.0	3.49	7.44	3.25 YES
L0022407	0	0.54290E-06	445198.7	3760905.0	207.0	3.49	7.44	3.25 YES
L0022408	0	0.54290E-06	445198.8	3760921.0	207.0	3.49	7.44	3.25 YES
L0022409	0	0.54290E-06	445198.9	3760937.0	207.0	3.49	7.44	3.25 YES
L0022410	0	0.54290E-06	445199.0	3760953.0	207.0	3.49	7.44	3.25 YES
L0022411	0	0.54290E-06	445199.1	3760969.0	207.0	3.49	7.44	3.25 YES
L0022412	0	0.54290E-06	445199.2	3760985.0	207.0	3.49	7.44	3.25 YES
L0022413	0	0.54290E-06	445199.4	3761001.0	207.0	3.49	7.44	3.25 YES
L0022414	0	0.54290E-06	445199.5	3761017.0	207.0	3.49	7.44	3.25 YES
L0022415	0	0.54290E-06	445199.6	3761033.0	207.1	3.49	7.44	3.25 YES
L0022416	0	0.54290E-06	445199.7	3761049.0	207.3	3.49	7.44	3.25 YES
L0022417	0	0.54290E-06	445199.8	3761065.0	207.5	3.49	7.44	3.25 YES
L0022418	0	0.54290E-06	445199.9	3761081.0	207.7	3.49	7.44	3.25 YES
L0022419	0	0.54290E-06	445200.0	3761097.0	207.8	3.49	7.44	3.25 YES
L0022420	0	0.54290E-06	445200.1	3761113.0	208.0	3.49	7.44	3.25 YES
L0022421	0	0.54290E-06	445200.2	3761129.0	208.0	3.49	7.44	3.25 YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0022422	0	0.54290E-06	445200.3	3761145.0	208.0	3.49	7.44	3.25	YES
L0022423	0	0.54290E-06	445200.4	3761161.0	208.0	3.49	7.44	3.25	YES
L0022424	0	0.54290E-06	445200.5	3761177.0	208.0	3.49	7.44	3.25	YES
L0022425	0	0.54290E-06	445200.6	3761193.0	208.0	3.49	7.44	3.25	YES
L0022426	0	0.54290E-06	445200.7	3761209.0	208.0	3.49	7.44	3.25	YES
L0022427	0	0.54290E-06	445200.9	3761225.0	208.2	3.49	7.44	3.25	YES
L0022428	0	0.54290E-06	445201.0	3761241.0	208.4	3.49	7.44	3.25	YES
L0022429	0	0.54290E-06	445201.1	3761257.0	208.6	3.49	7.44	3.25	YES
L0022430	0	0.54290E-06	445201.2	3761273.0	208.7	3.49	7.44	3.25	YES
L0022431	0	0.54290E-06	445201.3	3761289.0	208.9	3.49	7.44	3.25	YES
L0022432	0	0.54290E-06	445201.4	3761305.0	209.1	3.49	7.44	3.25	YES
L0022433	0	0.54290E-06	445201.5	3761321.0	209.3	3.49	7.44	3.25	YES
L0022434	0	0.54290E-06	445201.6	3761337.0	209.4	3.49	7.44	3.25	YES
L0022435	0	0.54290E-06	445201.7	3761353.0	209.6	3.49	7.44	3.25	YES
L0022436	0	0.54290E-06	445201.8	3761369.0	209.8	3.49	7.44	3.25	YES

L0022437	0	0.54290E-06	445201.9	3761385.0	210.0	3.49	7.44	3.25 YES
L0022438	0	0.54290E-06	445202.0	3761401.0	210.0	3.49	7.44	3.25 YES
L0022439	0	0.54290E-06	445202.1	3761417.0	210.0	3.49	7.44	3.25 YES
L0022440	0	0.54290E-06	445202.2	3761433.0	210.0	3.49	7.44	3.25 YES
L0022441	0	0.54290E-06	445202.4	3761449.0	210.0	3.49	7.44	3.25 YES
L0022442	0	0.54290E-06	445202.5	3761465.0	210.0	3.49	7.44	3.25 YES
L0022443	0	0.54290E-06	445202.6	3761481.0	210.0	3.49	7.44	3.25 YES
L0022444	0	0.54290E-06	445202.7	3761497.0	210.0	3.49	7.44	3.25 YES
L0022445	0	0.54290E-06	445202.8	3761513.0	210.0	3.49	7.44	3.25 YES
L0022446	0	0.54290E-06	445202.9	3761529.0	210.0	3.49	7.44	3.25 YES
L0022447	0	0.54290E-06	445203.0	3761545.0	210.0	3.49	7.44	3.25 YES
L0022448	0	0.54290E-06	445203.1	3761561.0	210.0	3.49	7.44	3.25 YES
L0022449	0	0.54290E-06	445203.2	3761577.0	210.0	3.49	7.44	3.25 YES
L0022450	0	0.54290E-06	445203.3	3761593.0	210.2	3.49	7.44	3.25 YES
L0022451	0	0.54290E-06	445203.4	3761609.0	210.4	3.49	7.44	3.25 YES
L0022452	0	0.54290E-06	445203.5	3761625.0	210.6	3.49	7.44	3.25 YES
L0022453	0	0.54290E-06	445203.6	3761641.0	210.7	3.49	7.44	3.25 YES
L0022454	0	0.54290E-06	445203.7	3761657.0	210.9	3.49	7.44	3.25 YES
L0022455	0	0.54290E-06	445203.8	3761673.0	211.0	3.49	7.44	3.25 YES
L0022456	0	0.54290E-06	445204.0	3761689.0	210.8	3.49	7.44	3.25 YES
L0022457	0	0.54290E-06	445204.1	3761705.0	210.6	3.49	7.44	3.25 YES
L0022458	0	0.54290E-06	445204.2	3761721.0	210.5	3.49	7.44	3.25 YES
L0022459	0	0.54290E-06	445204.3	3761737.0	210.3	3.49	7.44	3.25 YES
L0022460	0	0.54290E-06	445204.4	3761753.0	210.1	3.49	7.44	3.25 YES

 L0022461   0   0.54290E-06 445204.5 3761769.0   210.1   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0022462   0   0.54290E-06 445204.6 3761785.0   210.3   3.49   7.44
3.25   YES
 L0022463   0   0.54290E-06 445204.7 3761801.0   210.5   3.49   7.44
3.25   YES
 L0022464   0   0.54290E-06 445204.8 3761817.0   210.7   3.49   7.44
3.25   YES
 L0022465   0   0.54290E-06 445204.9 3761833.0   210.8   3.49   7.44
3.25   YES
 L0022466   0   0.54290E-06 445205.0 3761849.0   211.0   3.49   7.44
3.25   YES
 L0022467   0   0.54290E-06 445205.1 3761865.0   211.1   3.49   7.44
3.25   YES
 L0022468   0   0.54290E-06 445205.2 3761881.0   211.1   3.49   7.44
3.25   YES
 L0022469   0   0.54290E-06 445205.3 3761897.0   211.1   3.49   7.44
3.25   YES
 L0022470   0   0.54290E-06 445205.5 3761913.0   211.1   3.49   7.44
3.25   YES
 L0022471   0   0.54290E-06 445205.6 3761929.0   211.1   3.49   7.44
3.25   YES
 L0022472   0   0.54290E-06 445205.7 3761945.0   211.1   3.49   7.44
3.25   YES
 L0022473   0   0.54290E-06 445205.8 3761961.0   211.2   3.49   7.44
3.25   YES
 L0022474   0   0.54290E-06 445205.9 3761977.0   211.4   3.49   7.44
3.25   YES

L0022475	0	0.54290E-06	445206.0	3761993.0	211.6	3.49	7.44	3.25 YES
L0022476	0	0.54290E-06	445206.9	3762008.1	211.8	3.49	7.44	3.25 YES
L0022477	0	0.54290E-06	445222.9	3762007.8	212.4	3.49	7.44	3.25 YES
L0022478	0	0.54290E-06	445238.9	3762007.5	213.0	3.49	7.44	3.25 YES
L0022479	0	0.54290E-06	445254.9	3762007.2	213.6	3.49	7.44	3.25 YES
L0022480	0	0.54290E-06	445270.9	3762006.9	214.2	3.49	7.44	3.25 YES
L0022481	0	0.54290E-06	445286.9	3762006.6	214.8	3.49	7.44	3.25 YES
L0022482	0	0.54290E-06	445302.9	3762006.3	215.2	3.49	7.44	3.25 YES
L0022483	0	0.54290E-06	445318.9	3762006.0	215.6	3.49	7.44	3.25 YES
L0022484	0	0.54290E-06	445334.9	3762005.7	216.1	3.49	7.44	3.25 YES
L0022485	0	0.54290E-06	445350.9	3762005.4	216.5	3.49	7.44	3.25 YES
L0022486	0	0.54290E-06	445366.9	3762005.1	216.8	3.49	7.44	3.25 YES
L0022487	0	0.54290E-06	445382.9	3762004.8	217.0	3.49	7.44	3.25 YES
L0022488	0	0.54290E-06	445398.9	3762004.5	217.2	3.49	7.44	3.25 YES
L0022489	0	0.54290E-06	445414.9	3762004.2	217.4	3.49	7.44	3.25 YES
L0022490	0	0.54290E-06	445430.9	3762003.9	217.6	3.49	7.44	3.25 YES
L0022491	0	0.54290E-06	445446.9	3762003.6	217.7	3.49	7.44	3.25 YES
L0022492	0	0.54290E-06	445462.9	3762003.3	217.7	3.49	7.44	3.25 YES
L0022493	0	0.54290E-06	445478.9	3762003.0	217.6	3.49	7.44	3.25 YES
L0022494	0	0.54290E-06	445494.9	3762002.6	217.6	3.49	7.44	3.25 YES
L0022495	0	0.54290E-06	445510.9	3762002.3	217.6	3.49	7.44	3.25 YES
L0022496	0	0.54290E-06	445526.9	3762002.0	217.5	3.49	7.44	3.25 YES
L0022497	0	0.54290E-06	445542.9	3762001.7	217.4	3.49	7.44	3.25 YES
L0022498	0	0.54290E-06	445558.9	3762001.4	217.2	3.49	7.44	3.25 YES

```
 L0022499         0   0.54290E-06  445574.8 3762001.1   217.1     3.49     7.44
3.25     YES
 L0022500         0   0.54290E-06  445590.8 3762000.8   217.0     3.49     7.44
3.25     YES
 L0022501         0   0.54290E-06  445606.8 3762000.5   216.8     3.49     7.44
3.25     YES
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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 L0022502         0   0.54290E-06  445622.8 3762000.2   216.6     3.49     7.44
3.25     YES
 L0022503         0   0.54290E-06  445638.8 3761999.9   216.4     3.49     7.44
3.25     YES
 L0022504         0   0.54290E-06  445654.8 3761999.6   216.2     3.49     7.44
3.25     YES
 L0022505         0   0.54290E-06  445670.8 3761999.3   216.0     3.49     7.44
3.25     YES
 L0022506         0   0.54290E-06  445686.8 3761999.0   216.2     3.49     7.44
3.25     YES
 L0022507         0   0.54290E-06  445702.8 3761998.7   216.3     3.49     7.44
3.25     YES
 L0022508         0   0.54290E-06  445718.8 3761998.4   216.4     3.49     7.44
3.25     YES
 L0022509         0   0.54290E-06  445734.8 3761998.1   216.5     3.49     7.44
3.25     YES
 L0022510         0   0.54290E-06  445750.8 3761997.8   216.7     3.49     7.44
3.25     YES
 L0022511         0   0.54290E-06  445766.8 3761997.5   216.9     3.49     7.44
3.25     YES
 L0022512         0   0.54290E-06  445782.8 3761997.2   217.1     3.49     7.44
3.25     YES
```

L0022513	0	0.54290E-06	445798.8	3761996.8	217.3	3.49	7.44	3.25 YES
L0022514	0	0.54290E-06	445814.8	3761996.5	217.5	3.49	7.44	3.25 YES
L0022515	0	0.54290E-06	445830.8	3761996.2	217.6	3.49	7.44	3.25 YES
L0022516	0	0.54290E-06	445846.8	3761995.9	217.6	3.49	7.44	3.25 YES
L0022517	0	0.54290E-06	445862.8	3761995.6	217.6	3.49	7.44	3.25 YES
L0022518	0	0.54290E-06	445878.8	3761995.3	217.6	3.49	7.44	3.25 YES
L0022519	0	0.54290E-06	445894.8	3761995.0	217.6	3.49	7.44	3.25 YES
L0022520	0	0.54290E-06	445910.8	3761995.4	217.8	3.49	7.44	3.25 YES
L0022521	0	0.54290E-06	445926.7	3761996.5	218.0	3.49	7.44	3.25 YES
L0022522	0	0.54290E-06	445942.7	3761997.7	218.2	3.49	7.44	3.25 YES
L0022523	0	0.54290E-06	445958.6	3761998.8	218.4	3.49	7.44	3.25 YES
L0022524	0	0.54290E-06	445974.6	3762000.0	218.6	3.49	7.44	3.25 YES
L0022525	0	0.54290E-06	445990.6	3762001.1	218.6	3.49	7.44	3.25 YES
L0022526	0	0.54290E-06	446006.5	3762002.2	218.5	3.49	7.44	3.25 YES
L0022527	0	0.54290E-06	446022.5	3762003.4	218.5	3.49	7.44	3.25 YES
L0022528	0	0.54290E-06	446038.4	3762004.5	218.4	3.49	7.44	3.25 YES
L0022529	0	0.54290E-06	446054.2	3762006.4	218.2	3.49	7.44	3.25 YES
L0022530	0	0.54290E-06	446068.7	3762013.3	217.9	3.49	7.44	3.25 YES
L0022531	0	0.54290E-06	446083.1	3762020.1	217.6	3.49	7.44	3.25 YES
L0022532	0	0.54290E-06	446097.6	3762026.9	217.4	3.49	7.44	3.25 YES
L0022533	0	0.54290E-06	446112.1	3762033.7	217.2	3.49	7.44	3.25 YES
L0022534	0	0.54290E-06	446126.6	3762040.5	217.1	3.49	7.44	3.25 YES
L0022535	0	0.54290E-06	446141.0	3762047.4	216.8	3.49	7.44	3.25 YES
L0022536	0	0.54290E-06	446155.5	3762054.2	216.5	3.49	7.44	3.25 YES

 L0022537   0   0.54290E-06 446170.0 3762061.0   216.2   3.49   7.44
3.25   YES
 L0022538   0   0.54290E-06 446184.5 3762067.8   215.9   3.49   7.44
3.25   YES
 L0022539   0   0.54290E-06 446198.9 3762074.7   215.6   3.49   7.44
3.25   YES
 L0022540   0   0.54290E-06 446213.4 3762081.5   215.6   3.49   7.44
3.25   YES
 L0022541   0   0.54290E-06 446227.9 3762088.3   215.9   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0022542   0   0.54290E-06 446242.0 3762095.8   216.2   3.49   7.44
3.25   YES
 L0022543   0   0.54290E-06 446255.0 3762105.1   216.4   3.49   7.44
3.25   YES
 L0022544   0   0.54290E-06 446268.0 3762114.3   216.7   3.49   7.44
3.25   YES
 L0022545   0   0.54290E-06 446281.1 3762123.6   217.0   3.49   7.44
3.25   YES
 L0022546   0   0.54290E-06 446294.1 3762132.9   217.4   3.49   7.44
3.25   YES
 L0022547   0   0.54290E-06 446307.1 3762142.2   217.8   3.49   7.44
3.25   YES
 L0022548   0   0.54290E-06 446320.2 3762151.4   218.3   3.49   7.44
3.25   YES
 L0022549   0   0.54290E-06 446333.2 3762160.7   218.7   3.49   7.44
3.25   YES
 L0022550   0   0.54290E-06 446346.3 3762170.0   219.1   3.49   7.44
3.25   YES

L0022551	0	0.54290E-06	446359.3	3762179.3	219.6	3.49	7.44	3.25 YES
L0022552	0	0.54290E-06	446372.3	3762188.5	219.9	3.49	7.44	3.25 YES
L0022553	0	0.54290E-06	446385.4	3762197.8	220.1	3.49	7.44	3.25 YES
L0022554	0	0.54290E-06	446398.4	3762207.1	220.4	3.49	7.44	3.25 YES
L0022555	0	0.54290E-06	446411.5	3762216.4	220.7	3.49	7.44	3.25 YES
L0022556	0	0.54290E-06	446424.5	3762225.6	220.8	3.49	7.44	3.25 YES
L0022557	0	0.54290E-06	446437.5	3762234.9	221.0	3.49	7.44	3.25 YES
L0022558	0	0.54290E-06	446450.6	3762244.2	221.3	3.49	7.44	3.25 YES
L0022559	0	0.54290E-06	446463.6	3762253.4	221.7	3.49	7.44	3.25 YES
L0022560	0	0.54290E-06	446476.6	3762262.7	222.0	3.49	7.44	3.25 YES
L0022561	0	0.54290E-06	446489.7	3762272.0	222.4	3.49	7.44	3.25 YES
L0022562	0	0.54290E-06	446503.0	3762280.8	222.7	3.49	7.44	3.25 YES
L0022563	0	0.54290E-06	446516.7	3762289.1	223.0	3.49	7.44	3.25 YES
L0022564	0	0.54290E-06	446530.4	3762297.3	223.0	3.49	7.44	3.25 YES
L0022565	0	0.54290E-06	446544.1	3762305.6	223.0	3.49	7.44	3.25 YES
L0022566	0	0.54290E-06	446557.8	3762313.9	223.0	3.49	7.44	3.25 YES
L0022567	0	0.54290E-06	446571.5	3762322.1	223.0	3.49	7.44	3.25 YES
L0022568	0	0.54290E-06	446585.2	3762330.4	223.0	3.49	7.44	3.25 YES
L0022569	0	0.54290E-06	446598.9	3762338.6	223.1	3.49	7.44	3.25 YES
L0022570	0	0.54290E-06	446612.6	3762346.9	223.2	3.49	7.44	3.25 YES
L0022571	0	0.54290E-06	446626.3	3762355.2	223.2	3.49	7.44	3.25 YES
L0022572	0	0.54290E-06	446640.0	3762363.4	223.2	3.49	7.44	3.25 YES
L0022573	0	0.54290E-06	446653.7	3762371.7	223.2	3.49	7.44	3.25 YES
L0022574	0	0.54290E-06	446667.9	3762378.6	223.2	3.49	7.44	3.25 YES

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 L0022575         0   0.54290E-06  446683.7 3762381.0   223.2     3.49     7.44
3.25     YES
 L0022576         0   0.54290E-06  446699.6 3762383.5   223.2     3.49     7.44
3.25     YES
 L0022577         0   0.54290E-06  446715.4 3762386.0   223.1     3.49     7.44
3.25     YES
 L0022578         0   0.54290E-06  446731.2 3762388.4   223.1     3.49     7.44
3.25     YES
 L0022579         0   0.54290E-06  446747.0 3762390.9   223.1     3.49     7.44
3.25     YES
 L0022580         0   0.54290E-06  446762.8 3762393.3   223.1     3.49     7.44
3.25     YES
 L0022581         0   0.54290E-06  446778.6 3762395.8   223.0     3.49     7.44
3.25     YES
```



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                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0022582         0   0.54290E-06  446794.5 3762396.7   223.0     3.49     7.44
3.25     YES
 L0022583         0   0.54290E-06  446810.5 3762396.8   223.0     3.49     7.44
3.25     YES
 L0022584         0   0.54290E-06  446826.5 3762397.0   223.0     3.49     7.44
3.25     YES
 L0022585         0   0.54290E-06  446842.5 3762397.1   223.0     3.49     7.44
3.25     YES
 L0022586         0   0.54290E-06  446858.5 3762397.2   223.0     3.49     7.44
3.25     YES
 L0022587         0   0.54290E-06  446874.5 3762397.4   223.0     3.49     7.44
3.25     YES
 L0022588         0   0.54290E-06  446890.5 3762397.5   223.0     3.49     7.44
3.25     YES
```

L0022589	0	0.54290E-06	446906.5	3762397.6	223.1	3.49	7.44	3.25 YES
L0022590	0	0.54290E-06	446922.5	3762397.8	223.3	3.49	7.44	3.25 YES
L0022591	0	0.54290E-06	446938.5	3762397.9	223.5	3.49	7.44	3.25 YES
L0022592	0	0.54290E-06	446954.5	3762398.0	223.7	3.49	7.44	3.25 YES
L0022593	0	0.54290E-06	446970.5	3762398.2	223.9	3.49	7.44	3.25 YES
L0022594	0	0.54290E-06	446986.5	3762398.3	224.0	3.49	7.44	3.25 YES
L0022595	0	0.54290E-06	447002.5	3762398.4	223.9	3.49	7.44	3.25 YES
L0022596	0	0.54290E-06	447018.5	3762398.5	223.9	3.49	7.44	3.25 YES
L0022597	0	0.54290E-06	447034.5	3762398.7	223.9	3.49	7.44	3.25 YES
L0022598	0	0.54290E-06	447050.5	3762398.8	223.9	3.49	7.44	3.25 YES
L0022599	0	0.54290E-06	447066.5	3762398.9	223.7	3.49	7.44	3.25 YES
L0022600	0	0.54290E-06	447082.5	3762399.1	223.5	3.49	7.44	3.25 YES
L0022601	0	0.54290E-06	447098.5	3762399.2	223.3	3.49	7.44	3.25 YES
L0022602	0	0.54290E-06	447114.5	3762399.3	223.1	3.49	7.44	3.25 YES
L0022603	0	0.54290E-06	447130.5	3762399.1	222.9	3.49	7.44	3.25 YES
L0022604	0	0.54290E-06	447146.5	3762398.9	222.9	3.49	7.44	3.25 YES
L0022605	0	0.54290E-06	447162.5	3762398.7	222.9	3.49	7.44	3.25 YES
L0022606	0	0.54290E-06	447178.5	3762398.5	222.9	3.49	7.44	3.25 YES
L0022607	0	0.54290E-06	447194.5	3762398.3	222.9	3.49	7.44	3.25 YES
L0022608	0	0.54290E-06	447210.5	3762398.1	222.9	3.49	7.44	3.25 YES
L0022609	0	0.54290E-06	447226.5	3762397.9	222.7	3.49	7.44	3.25 YES
L0022610	0	0.54290E-06	447242.5	3762397.7	222.5	3.49	7.44	3.25 YES
L0022611	0	0.54290E-06	447258.5	3762397.5	222.3	3.49	7.44	3.25 YES
L0022612	0	0.54290E-06	447274.5	3762397.3	222.1	3.49	7.44	3.25 YES

```
 L0022613         0   0.54290E-06  447290.5 3762397.1   221.9     3.49     7.44
3.25     YES
 L0022614         0   0.54290E-06  447306.5 3762396.9   221.7     3.49     7.44
3.25     YES
 L0022615         0   0.54290E-06  447322.5 3762396.7   221.5     3.49     7.44
3.25     YES
 L0022616         0   0.54290E-06  447338.5 3762396.5   221.2     3.49     7.44
3.25     YES
 L0022617         0   0.54290E-06  447354.5 3762396.3   221.1     3.49     7.44
3.25     YES
 L0022618         0   0.54290E-06  447370.5 3762396.1   220.9     3.49     7.44
3.25     YES
 L0022619         0   0.54290E-06  447386.5 3762395.9   220.7     3.49     7.44
3.25     YES
 L0022620         0   0.54290E-06  447402.5 3762395.7   220.4     3.49     7.44
3.25     YES
 L0022621         0   0.54290E-06  447418.5 3762395.5   220.2     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                 ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:02:36

                                  PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0022622         0   0.54290E-06  447434.5 3762395.3   220.0     3.49     7.44
3.25     YES
 L0022623         0   0.54290E-06  447450.5 3762395.1   219.8     3.49     7.44
3.25     YES
 L0022624         0   0.54290E-06  447466.5 3762394.9   219.6     3.49     7.44
3.25     YES
 L0022625         0   0.54290E-06  447482.5 3762394.7   219.4     3.49     7.44
3.25     YES
 L0022626         0   0.54290E-06  447498.5 3762394.5   219.2     3.49     7.44
3.25     YES
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L0022627	0	0.54290E-06	447514.5	3762394.3	219.0	3.49	7.44	3.25 YES
L0022628	0	0.54290E-06	447530.5	3762394.1	219.0	3.49	7.44	3.25 YES
L0022629	0	0.54290E-06	447546.5	3762393.9	219.0	3.49	7.44	3.25 YES
L0022630	0	0.54290E-06	447562.5	3762393.7	219.0	3.49	7.44	3.25 YES
L0022631	0	0.54290E-06	447578.5	3762393.5	219.0	3.49	7.44	3.25 YES
L0022632	0	0.54290E-06	447594.5	3762393.3	219.0	3.49	7.44	3.25 YES
L0022633	0	0.54290E-06	447610.5	3762393.1	219.2	3.49	7.44	3.25 YES
L0022634	0	0.54290E-06	447626.5	3762392.9	219.5	3.49	7.44	3.25 YES
L0022635	0	0.54290E-06	447642.5	3762392.7	219.7	3.49	7.44	3.25 YES
L0022636	0	0.54290E-06	447658.5	3762392.5	219.9	3.49	7.44	3.25 YES
L0022637	0	0.54290E-06	447674.5	3762392.3	220.1	3.49	7.44	3.25 YES
L0022638	0	0.54290E-06	447690.5	3762392.1	220.3	3.49	7.44	3.25 YES
L0022639	0	0.54290E-06	447706.5	3762391.9	220.5	3.49	7.44	3.25 YES
L0022640	0	0.54290E-06	447722.5	3762391.7	220.7	3.49	7.44	3.25 YES
L0022641	0	0.54290E-06	447738.5	3762391.5	220.9	3.49	7.44	3.25 YES
L0022642	0	0.54290E-06	447754.5	3762391.3	221.1	3.49	7.44	3.25 YES
L0022643	0	0.54290E-06	447770.5	3762391.1	221.3	3.49	7.44	3.25 YES
L0022644	0	0.54290E-06	447786.5	3762390.9	221.5	3.49	7.44	3.25 YES
L0022645	0	0.54290E-06	447802.5	3762390.7	221.7	3.49	7.44	3.25 YES
L0022646	0	0.54290E-06	447818.5	3762390.5	221.9	3.49	7.44	3.25 YES
L0022647	0	0.54290E-06	447834.5	3762390.3	222.0	3.49	7.44	3.25 YES
L0022648	0	0.54290E-06	447850.5	3762390.1	222.0	3.49	7.44	3.25 YES
L0022649	0	0.54290E-06	447866.5	3762389.9	222.0	3.49	7.44	3.25 YES
L0022650	0	0.54290E-06	447882.5	3762389.7	222.0	3.49	7.44	3.25 YES

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 L0022651         0   0.54290E-06  447898.5 3762389.5   222.0     3.49     7.44
3.25     YES
 L0022652         0   0.54290E-06  447914.5 3762389.3   222.5     3.49     7.44
3.25     YES
 L0022653         0   0.54290E-06  447930.5 3762389.1   223.1     3.49     7.44
3.25     YES
 L0022654         0   0.54290E-06  447946.5 3762388.9   223.7     3.49     7.44
3.25     YES
 L0022655         0   0.54290E-06  447962.5 3762388.7   224.3     3.49     7.44
3.25     YES
 L0022656         0   0.54290E-06  447978.5 3762388.6   224.8     3.49     7.44
3.25     YES
 L0022657         0   0.54290E-06  447994.5 3762388.5   224.6     3.49     7.44
3.25     YES
 L0022658         0   0.54290E-06  448010.5 3762388.4   224.5     3.49     7.44
3.25     YES
 L0022659         0   0.54290E-06  448026.5 3762388.3   224.2     3.49     7.44
3.25     YES
 L0022660         0   0.54290E-06  448042.5 3762388.3   224.1     3.49     7.44
3.25     YES
 L0022661         0   0.54290E-06  448058.5 3762388.2   223.9     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:02:36

                                   PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0022662         0   0.54290E-06  448074.5 3762388.1   223.9     3.49     7.44
3.25     YES
 L0022663         0   0.54290E-06  448090.5 3762388.0   223.9     3.49     7.44
3.25     YES
 L0022664         0   0.54290E-06  448106.5 3762388.0   223.9     3.49     7.44
3.25     YES
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L0022665	0	0.54290E-06	448122.5	3762387.9	223.9	3.49	7.44	3.25 YES
L0022666	0	0.54290E-06	448138.5	3762387.8	223.9	3.49	7.44	3.25 YES
L0022667	0	0.54290E-06	448154.5	3762387.7	223.7	3.49	7.44	3.25 YES
L0022668	0	0.54290E-06	448170.5	3762387.7	223.5	3.49	7.44	3.25 YES
L0022669	0	0.54290E-06	448186.5	3762387.6	223.2	3.49	7.44	3.25 YES
L0022670	0	0.54290E-06	448202.5	3762387.5	223.1	3.49	7.44	3.25 YES
L0022671	0	0.54290E-06	448218.5	3762387.4	223.0	3.49	7.44	3.25 YES
L0022672	0	0.54290E-06	448234.5	3762387.3	223.0	3.49	7.44	3.25 YES
L0022673	0	0.54290E-06	448250.5	3762387.3	223.0	3.49	7.44	3.25 YES
L0022674	0	0.54290E-06	448266.5	3762387.2	223.0	3.49	7.44	3.25 YES
L0022675	0	0.54290E-06	448282.5	3762387.1	223.0	3.49	7.44	3.25 YES
L0022676	0	0.54290E-06	448298.5	3762387.0	222.8	3.49	7.44	3.25 YES
L0022677	0	0.54290E-06	448314.5	3762387.0	222.6	3.49	7.44	3.25 YES
L0022678	0	0.54290E-06	448330.5	3762386.9	222.4	3.49	7.44	3.25 YES
L0022679	0	0.54290E-06	448346.5	3762386.8	222.2	3.49	7.44	3.25 YES
L0022680	0	0.54290E-06	448362.5	3762386.7	222.0	3.49	7.44	3.25 YES
L0022681	0	0.54290E-06	448378.5	3762386.7	221.8	3.49	7.44	3.25 YES
L0022682	0	0.54290E-06	448394.5	3762386.6	221.6	3.49	7.44	3.25 YES
L0022683	0	0.54290E-06	448410.5	3762386.5	221.4	3.49	7.44	3.25 YES
L0022684	0	0.54290E-06	448426.5	3762386.4	221.2	3.49	7.44	3.25 YES
L0022685	0	0.54290E-06	448442.5	3762386.3	221.0	3.49	7.44	3.25 YES
L0022686	0	0.54290E-06	448458.5	3762386.3	220.8	3.49	7.44	3.25 YES
L0022687	0	0.54290E-06	448474.5	3762386.2	220.6	3.49	7.44	3.25 YES
L0022688	0	0.54290E-06	448490.5	3762386.1	220.4	3.49	7.44	3.25 YES

 L0022689   0   0.54290E-06 448506.5 3762386.0   220.2   3.49   7.44
3.25   YES
 L0022690   0   0.54290E-06 448522.4 3762386.4   220.0   3.49   7.44
3.25   YES
 L0022691   0   0.54290E-06 448538.4 3762387.3   219.8   3.49   7.44
3.25   YES
 L0022692   0   0.54290E-06 448554.4 3762388.3   219.5   3.49   7.44
3.25   YES
 L0022693   0   0.54290E-06 448570.4 3762389.2   219.3   3.49   7.44
3.25   YES
 L0022694   0   0.54290E-06 448586.3 3762390.2   219.1   3.49   7.44
3.25   YES
 L0022695   0   0.54290E-06 448602.3 3762391.1   219.0   3.49   7.44
3.25   YES
 L0022696   0   0.54290E-06 448618.3 3762392.1   219.0   3.49   7.44
3.25   YES
 L0022697   0   0.54290E-06 448634.2 3762393.0   219.0   3.49   7.44
3.25   YES
 L0022698   0   0.54290E-06 448650.2 3762394.0   219.1   3.49   7.44
3.25   YES
 L0022699   0   0.54290E-06 448666.2 3762394.9   219.1   3.49   7.44
3.25   YES
 L0022700   0   0.54290E-06 448682.2 3762395.9   219.1   3.49   7.44
3.25   YES
 L0022701   0   0.54290E-06 448698.1 3762396.8   219.1   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0022702   0   0.54290E-06 448714.1 3762397.8   219.1   3.49   7.44
3.25   YES

L0022703	0	0.54290E-06	448730.1	3762398.7	219.1	3.49	7.44	3.25 YES
L0022704	0	0.54290E-06	448746.0	3762399.7	219.1	3.49	7.44	3.25 YES
L0022705	0	0.54290E-06	448762.0	3762400.6	219.2	3.49	7.44	3.25 YES
L0022706	0	0.54290E-06	448778.0	3762401.5	219.2	3.49	7.44	3.25 YES
L0022707	0	0.54290E-06	448793.4	3762405.1	219.3	3.49	7.44	3.25 YES
L0022708	0	0.54290E-06	448808.5	3762410.5	219.5	3.49	7.44	3.25 YES
L0022709	0	0.54290E-06	448823.5	3762415.9	219.6	3.49	7.44	3.25 YES
L0022710	0	0.54290E-06	448838.6	3762421.3	219.7	3.49	7.44	3.25 YES
L0022711	0	0.54290E-06	448853.6	3762426.8	219.8	3.49	7.44	3.25 YES
L0022712	0	0.54290E-06	448868.7	3762432.2	220.0	3.49	7.44	3.25 YES
L0022713	0	0.54290E-06	448883.8	3762437.6	220.2	3.49	7.44	3.25 YES
L0022714	0	0.54290E-06	448898.8	3762443.0	220.5	3.49	7.44	3.25 YES
L0022715	0	0.54290E-06	448913.9	3762448.5	220.5	3.49	7.44	3.25 YES
L0022716	0	0.54290E-06	448928.9	3762453.9	220.6	3.49	7.44	3.25 YES
L0022717	0	0.54290E-06	448944.0	3762459.3	220.6	3.49	7.44	3.25 YES
L0022718	0	0.54290E-06	448959.0	3762464.7	220.7	3.49	7.44	3.25 YES
L0022719	0	0.54290E-06	448974.1	3762470.2	220.7	3.49	7.44	3.25 YES
L0022720	0	0.54290E-06	448989.1	3762475.6	220.8	3.49	7.44	3.25 YES
L0022721	0	0.54290E-06	449004.2	3762481.0	220.6	3.49	7.44	3.25 YES
L0022722	0	0.54290E-06	449019.2	3762486.4	220.3	3.49	7.44	3.25 YES
L0022723	0	0.54290E-06	449034.3	3762491.7	220.1	3.49	7.44	3.25 YES
L0022724	0	0.54290E-06	449049.4	3762497.0	219.9	3.49	7.44	3.25 YES
L0022725	0	0.54290E-06	449064.5	3762502.4	219.7	3.49	7.44	3.25 YES
L0022726	0	0.54290E-06	449079.6	3762507.7	219.6	3.49	7.44	3.25 YES

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 L0022727         0   0.54290E-06  449094.7 3762513.0   219.5     3.49     7.44
3.25     YES
 L0022728         0   0.54290E-06  449109.8 3762518.3   219.5     3.49     7.44
3.25     YES
 L0022729         0   0.54290E-06  449124.9 3762523.6   219.5     3.49     7.44
3.25     YES
 L0022730         0   0.54290E-06  449140.0 3762528.9   219.6     3.49     7.44
3.25     YES
 L0022731         0   0.54290E-06  449155.1 3762534.2   219.8     3.49     7.44
3.25     YES
 L0022732         0   0.54290E-06  449170.1 3762539.6   220.0     3.49     7.44
3.25     YES
 L0022733         0   0.54290E-06  449185.2 3762544.9   220.2     3.49     7.44
3.25     YES
 L0022734         0   0.54290E-06  449200.3 3762550.2   220.5     3.49     7.44
3.25     YES
 L0022735         0   0.54290E-06  449215.4 3762555.5   220.7     3.49     7.44
3.25     YES
 L0022736         0   0.54290E-06  449230.5 3762560.8   220.8     3.49     7.44
3.25     YES
 L0022737         0   0.54290E-06  449245.6 3762566.1   220.9     3.49     7.44
3.25     YES
 L0022738         0   0.54380E-06  445195.5 3760425.0   205.6     3.49     7.44
3.25     YES
 L0022739         0   0.54380E-06  445195.6 3760441.0   205.7     3.49     7.44
3.25     YES
 L0022740         0   0.54380E-06  445195.7 3760457.0   205.9     3.49     7.44
3.25     YES
 L0022741         0   0.54380E-06  445195.8 3760473.0   206.0     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:02:36

                                  PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                      *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0022742	0	0.54380E-06	445195.9	3760489.0	206.0	3.49	7.44	3.25 YES
L0022743	0	0.54380E-06	445196.0	3760505.0	206.0	3.49	7.44	3.25 YES
L0022744	0	0.54380E-06	445196.1	3760521.0	206.0	3.49	7.44	3.25 YES
L0022745	0	0.54380E-06	445196.3	3760537.0	206.0	3.49	7.44	3.25 YES
L0022746	0	0.54380E-06	445196.4	3760553.0	206.0	3.49	7.44	3.25 YES
L0022747	0	0.54380E-06	445196.5	3760569.0	206.0	3.49	7.44	3.25 YES
L0022748	0	0.54380E-06	445196.6	3760585.0	206.0	3.49	7.44	3.25 YES
L0022749	0	0.54380E-06	445196.7	3760601.0	206.0	3.49	7.44	3.25 YES
L0022750	0	0.54380E-06	445196.8	3760617.0	206.0	3.49	7.44	3.25 YES
L0022751	0	0.54380E-06	445196.9	3760633.0	206.0	3.49	7.44	3.25 YES
L0022752	0	0.54380E-06	445197.0	3760649.0	206.0	3.49	7.44	3.25 YES
L0022753	0	0.54380E-06	445197.1	3760665.0	206.2	3.49	7.44	3.25 YES
L0022754	0	0.54380E-06	445197.2	3760681.0	206.3	3.49	7.44	3.25 YES
L0022755	0	0.54380E-06	445197.3	3760697.0	206.5	3.49	7.44	3.25 YES
L0022756	0	0.54380E-06	445197.4	3760713.0	206.7	3.49	7.44	3.25 YES
L0022757	0	0.54380E-06	445197.5	3760729.0	206.8	3.49	7.44	3.25 YES
L0022758	0	0.54380E-06	445197.6	3760745.0	207.0	3.49	7.44	3.25 YES
L0022759	0	0.54380E-06	445197.8	3760761.0	207.0	3.49	7.44	3.25 YES
L0022760	0	0.54380E-06	445197.9	3760777.0	207.0	3.49	7.44	3.25 YES
L0022761	0	0.54380E-06	445198.0	3760793.0	207.0	3.49	7.44	3.25 YES
L0022762	0	0.54380E-06	445198.1	3760809.0	207.0	3.49	7.44	3.25 YES
L0022763	0	0.54380E-06	445198.2	3760825.0	207.0	3.49	7.44	3.25 YES
L0022764	0	0.54380E-06	445198.3	3760841.0	207.0	3.49	7.44	3.25 YES

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 L0022765         0   0.54380E-06  445198.4 3760857.0   207.0     3.49     7.44
3.25     YES
 L0022766         0   0.54380E-06  445198.5 3760873.0   207.0     3.49     7.44
3.25     YES
 L0022767         0   0.54380E-06  445198.6 3760889.0   207.0     3.49     7.44
3.25     YES
 L0022768         0   0.54380E-06  445198.7 3760905.0   207.0     3.49     7.44
3.25     YES
 L0022769         0   0.54380E-06  445198.8 3760921.0   207.0     3.49     7.44
3.25     YES
 L0022770         0   0.54380E-06  445198.9 3760937.0   207.0     3.49     7.44
3.25     YES
 L0022771         0   0.54380E-06  445199.0 3760953.0   207.0     3.49     7.44
3.25     YES
 L0022772         0   0.54380E-06  445199.1 3760969.0   207.0     3.49     7.44
3.25     YES
 L0022773         0   0.54380E-06  445199.2 3760985.0   207.0     3.49     7.44
3.25     YES
 L0022774         0   0.54380E-06  445199.4 3761001.0   207.0     3.49     7.44
3.25     YES
 L0022775         0   0.54380E-06  445199.5 3761017.0   207.0     3.49     7.44
3.25     YES
 L0022776         0   0.54380E-06  445199.6 3761033.0   207.1     3.49     7.44
3.25     YES
 L0022777         0   0.54380E-06  445199.7 3761049.0   207.3     3.49     7.44
3.25     YES
 L0022778         0   0.54380E-06  445199.8 3761065.0   207.5     3.49     7.44
3.25     YES
 L0022779         0   0.54380E-06  445199.9 3761081.0   207.7     3.49     7.44
3.25     YES
 L0022780         0   0.54380E-06  445200.0 3761097.0   207.8     3.49     7.44
3.25     YES
 L0022781         0   0.54380E-06  445200.1 3761113.0   208.0     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:02:36

                                   PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
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SZ	SOURCE ID	SCALAR CATS.	VARY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
	L0022782	0	0.54380E-06	445200.2	3761129.0	208.0	3.49	7.44	3.25	YES
	L0022783	0	0.54380E-06	445200.3	3761145.0	208.0	3.49	7.44	3.25	YES
	L0022784	0	0.54380E-06	445200.4	3761161.0	208.0	3.49	7.44	3.25	YES
	L0022785	0	0.54380E-06	445200.5	3761177.0	208.0	3.49	7.44	3.25	YES
	L0022786	0	0.54380E-06	445200.6	3761193.0	208.0	3.49	7.44	3.25	YES
	L0022787	0	0.54380E-06	445200.7	3761209.0	208.0	3.49	7.44	3.25	YES
	L0022788	0	0.54380E-06	445200.9	3761225.0	208.2	3.49	7.44	3.25	YES
	L0022789	0	0.54380E-06	445201.0	3761241.0	208.4	3.49	7.44	3.25	YES
	L0022790	0	0.54380E-06	445201.1	3761257.0	208.6	3.49	7.44	3.25	YES
	L0022791	0	0.54380E-06	445201.2	3761273.0	208.7	3.49	7.44	3.25	YES
	L0022792	0	0.54380E-06	445201.3	3761289.0	208.9	3.49	7.44	3.25	YES
	L0022793	0	0.54380E-06	445201.4	3761305.0	209.1	3.49	7.44	3.25	YES
	L0022794	0	0.54380E-06	445201.5	3761321.0	209.3	3.49	7.44	3.25	YES
	L0022795	0	0.54380E-06	445201.6	3761337.0	209.4	3.49	7.44	3.25	YES
	L0022796	0	0.54380E-06	445201.7	3761353.0	209.6	3.49	7.44	3.25	YES
	L0022797	0	0.54380E-06	445201.8	3761369.0	209.8	3.49	7.44	3.25	YES
	L0022798	0	0.54380E-06	445201.9	3761385.0	210.0	3.49	7.44	3.25	YES
	L0022799	0	0.54380E-06	445202.0	3761401.0	210.0	3.49	7.44	3.25	YES
	L0022800	0	0.54380E-06	445202.1	3761417.0	210.0	3.49	7.44	3.25	YES
	L0022801	0	0.54380E-06	445202.2	3761433.0	210.0	3.49	7.44	3.25	YES
	L0022802	0	0.54380E-06	445202.4	3761449.0	210.0	3.49	7.44	3.25	YES

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 L0022803         0   0.54380E-06  445202.5 3761465.0   210.0     3.49     7.44
3.25     YES
 L0022804         0   0.54380E-06  445202.6 3761481.0   210.0     3.49     7.44
3.25     YES
 L0022805         0   0.54380E-06  445202.7 3761497.0   210.0     3.49     7.44
3.25     YES
 L0022806         0   0.54380E-06  445202.8 3761513.0   210.0     3.49     7.44
3.25     YES
 L0022807         0   0.54380E-06  445202.9 3761529.0   210.0     3.49     7.44
3.25     YES
 L0022808         0   0.54380E-06  445203.0 3761545.0   210.0     3.49     7.44
3.25     YES
 L0022809         0   0.54380E-06  445203.1 3761561.0   210.0     3.49     7.44
3.25     YES
 L0022810         0   0.54380E-06  445203.2 3761577.0   210.0     3.49     7.44
3.25     YES
 L0022811         0   0.54380E-06  445203.3 3761593.0   210.2     3.49     7.44
3.25     YES
 L0022812         0   0.54380E-06  445203.4 3761609.0   210.4     3.49     7.44
3.25     YES
 L0022813         0   0.54380E-06  445203.5 3761625.0   210.6     3.49     7.44
3.25     YES
 L0022814         0   0.54380E-06  445203.6 3761641.0   210.7     3.49     7.44
3.25     YES
 L0022815         0   0.54380E-06  445203.7 3761657.0   210.9     3.49     7.44
3.25     YES
 L0022816         0   0.54380E-06  445203.8 3761673.0   211.0     3.49     7.44
3.25     YES
 L0022817         0   0.54380E-06  445204.0 3761689.0   210.8     3.49     7.44
3.25     YES
 L0022818         0   0.54380E-06  445204.1 3761705.0   210.6     3.49     7.44
3.25     YES
 L0022819         0   0.54380E-06  445204.2 3761721.0   210.5     3.49     7.44
3.25     YES
 L0022820         0   0.54380E-06  445204.3 3761737.0   210.3     3.49     7.44
3.25     YES
 L0022821         0   0.54380E-06  445204.4 3761753.0   210.1     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:02:36

                                   PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0022822	0	0.54380E-06	445204.5	3761769.0	210.1	3.49	7.44	3.25	YES
L0022823	0	0.54380E-06	445204.6	3761785.0	210.3	3.49	7.44	3.25	YES
L0022824	0	0.54380E-06	445204.7	3761801.0	210.5	3.49	7.44	3.25	YES
L0022825	0	0.54380E-06	445204.8	3761817.0	210.7	3.49	7.44	3.25	YES
L0022826	0	0.54380E-06	445204.9	3761833.0	210.8	3.49	7.44	3.25	YES
L0022827	0	0.54380E-06	445205.0	3761849.0	211.0	3.49	7.44	3.25	YES
L0022828	0	0.54380E-06	445205.1	3761865.0	211.1	3.49	7.44	3.25	YES
L0022829	0	0.54380E-06	445205.2	3761881.0	211.1	3.49	7.44	3.25	YES
L0022830	0	0.54380E-06	445205.3	3761897.0	211.1	3.49	7.44	3.25	YES
L0022831	0	0.54380E-06	445205.5	3761913.0	211.1	3.49	7.44	3.25	YES
L0022832	0	0.54380E-06	445205.6	3761929.0	211.1	3.49	7.44	3.25	YES
L0022833	0	0.54380E-06	445205.7	3761945.0	211.1	3.49	7.44	3.25	YES
L0022834	0	0.54380E-06	445205.8	3761961.0	211.2	3.49	7.44	3.25	YES
L0022835	0	0.54380E-06	445205.9	3761977.0	211.4	3.49	7.44	3.25	YES
L0022836	0	0.54380E-06	445206.0	3761993.0	211.6	3.49	7.44	3.25	YES
L0022837	0	0.54380E-06	445206.1	3762009.0	211.7	3.49	7.44	3.25	YES
L0022838	0	0.54380E-06	445206.4	3762025.0	211.9	3.49	7.44	3.25	YES
L0022839	0	0.54380E-06	445206.7	3762041.0	212.1	3.49	7.44	3.25	YES
L0022840	0	0.54380E-06	445206.9	3762057.0	212.3	3.49	7.44	3.25	YES

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 L0022841         0   0.54380E-06  445207.2 3762073.0   212.5     3.49     7.44
3.25     YES
 L0022842         0   0.54380E-06  445207.5 3762089.0   212.6     3.49     7.44
3.25     YES
 L0022843         0   0.54380E-06  445207.8 3762105.0   212.8     3.49     7.44
3.25     YES
 L0022844         0   0.54380E-06  445208.1 3762121.0   213.0     3.49     7.44
3.25     YES
 L0022845         0   0.54380E-06  445208.3 3762137.0   213.3     3.49     7.44
3.25     YES
 L0022846         0   0.54380E-06  445208.6 3762153.0   213.6     3.49     7.44
3.25     YES
 L0022847         0   0.54380E-06  445208.9 3762169.0   214.0     3.49     7.44
3.25     YES
 L0022848         0   0.54380E-06  445209.2 3762185.0   214.3     3.49     7.44
3.25     YES
 L0022849         0   0.54380E-06  445209.4 3762201.0   214.6     3.49     7.44
3.25     YES
 L0022850         0   0.54380E-06  445209.7 3762217.0   215.0     3.49     7.44
3.25     YES
 L0022851         0   0.54380E-06  445210.0 3762232.9   215.1     3.49     7.44
3.25     YES
 L0022852         0   0.54380E-06  445210.3 3762248.9   215.1     3.49     7.44
3.25     YES
 L0022853         0   0.54380E-06  445210.6 3762264.9   215.1     3.49     7.44
3.25     YES
 L0022854         0   0.54380E-06  445210.8 3762280.9   215.1     3.49     7.44
3.25     YES
 L0022855         0   0.54380E-06  445211.1 3762296.9   215.1     3.49     7.44
3.25     YES
 L0022856         0   0.54380E-06  445211.4 3762312.9   215.1     3.49     7.44
3.25     YES
 L0022857         0   0.54380E-06  445211.7 3762328.9   215.9     3.49     7.44
3.25     YES
 L0022858         0   0.54380E-06  445211.9 3762344.9   216.8     3.49     7.44
3.25     YES
 L0022859         0   0.54380E-06  445212.2 3762360.9   217.7     3.49     7.44
3.25     YES
 L0022860         0   0.54380E-06  445212.5 3762376.9   218.5     3.49     7.44
3.25     YES
 L0022861         0   0.54380E-06  445212.8 3762392.9   219.4     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:02:36
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0022862	0	0.54380E-06	445213.1	3762408.9	220.1	3.49	7.44	3.25	YES	
L0022863	0	0.54380E-06	445213.3	3762424.9	219.9	3.49	7.44	3.25	YES	
L0022864	0	0.54380E-06	445213.6	3762440.9	219.7	3.49	7.44	3.25	YES	
L0022865	0	0.54380E-06	445213.9	3762456.9	219.5	3.49	7.44	3.25	YES	
L0022866	0	0.54380E-06	445214.2	3762472.9	219.3	3.49	7.44	3.25	YES	
L0022867	0	0.54380E-06	445214.4	3762488.9	219.1	3.49	7.44	3.25	YES	
L0022868	0	0.54380E-06	445214.7	3762504.9	218.9	3.49	7.44	3.25	YES	
L0022869	0	0.54380E-06	445215.0	3762520.9	218.7	3.49	7.44	3.25	YES	
L0022870	0	0.54380E-06	445215.3	3762536.9	218.6	3.49	7.44	3.25	YES	
L0022871	0	0.54380E-06	445215.6	3762552.9	218.4	3.49	7.44	3.25	YES	
L0022872	0	0.54380E-06	445215.8	3762568.9	218.3	3.49	7.44	3.25	YES	
L0022873	0	0.54380E-06	445216.1	3762584.9	218.2	3.49	7.44	3.25	YES	
L0022874	0	0.54380E-06	445216.4	3762600.9	218.5	3.49	7.44	3.25	YES	
L0022875	0	0.54380E-06	445216.7	3762616.9	219.2	3.49	7.44	3.25	YES	
L0022876	0	0.54380E-06	445217.0	3762632.9	219.9	3.49	7.44	3.25	YES	
L0022877	0	0.54380E-06	445217.2	3762648.9	220.6	3.49	7.44	3.25	YES	
L0022878	0	0.54380E-06	445217.5	3762664.9	221.3	3.49	7.44	3.25	YES	

L0022879	0	0.54380E-06	445217.8	3762680.9	222.0	3.49	7.44	3.25 YES
L0022880	0	0.54380E-06	445218.1	3762696.9	222.4	3.49	7.44	3.25 YES
L0022881	0	0.54380E-06	445218.3	3762712.9	222.6	3.49	7.44	3.25 YES
L0022882	0	0.54380E-06	445218.6	3762728.9	222.9	3.49	7.44	3.25 YES
L0022883	0	0.54380E-06	445218.9	3762744.9	223.2	3.49	7.44	3.25 YES
L0022884	0	0.54380E-06	445219.2	3762760.9	223.5	3.49	7.44	3.25 YES
L0022885	0	0.54380E-06	445219.5	3762776.9	223.7	3.49	7.44	3.25 YES
L0022886	0	0.54380E-06	445219.7	3762792.9	223.1	3.49	7.44	3.25 YES
L0022887	0	0.54380E-06	445220.0	3762808.9	222.5	3.49	7.44	3.25 YES
L0022888	0	0.54380E-06	445220.3	3762824.9	221.9	3.49	7.44	3.25 YES
L0022889	0	0.54380E-06	445220.6	3762840.9	221.2	3.49	7.44	3.25 YES
L0022890	0	0.54380E-06	445220.8	3762856.9	220.6	3.49	7.44	3.25 YES
L0022891	0	0.54380E-06	445221.1	3762872.9	220.2	3.49	7.44	3.25 YES
L0022892	0	0.54380E-06	445221.4	3762888.9	220.5	3.49	7.44	3.25 YES
L0022893	0	0.54380E-06	445221.7	3762904.8	220.8	3.49	7.44	3.25 YES
L0022894	0	0.54380E-06	445222.0	3762920.8	221.0	3.49	7.44	3.25 YES
L0022895	0	0.54380E-06	445222.2	3762936.8	221.3	3.49	7.44	3.25 YES
L0022896	0	0.54380E-06	445222.5	3762952.8	221.5	3.49	7.44	3.25 YES
L0022897	0	0.54380E-06	445222.8	3762968.8	221.5	3.49	7.44	3.25 YES
L0022898	0	0.54380E-06	445223.0	3762984.8	221.0	3.49	7.44	3.25 YES
L0022899	0	0.54380E-06	445223.3	3763000.8	220.5	3.49	7.44	3.25 YES
L0022900	0	0.54380E-06	445223.5	3763016.8	220.0	3.49	7.44	3.25 YES
L0022901	0	0.54380E-06	445223.7	3763032.8	219.5	3.49	7.44	3.25 YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0022902	0	0.54380E-06	445224.0	3763048.8	219.0	3.49	7.44	3.25	YES
L0022903	0	0.54380E-06	445224.2	3763064.8	219.1	3.49	7.44	3.25	YES
L0022904	0	0.54380E-06	445224.5	3763080.8	219.4	3.49	7.44	3.25	YES
L0022905	0	0.54380E-06	445224.7	3763096.8	219.8	3.49	7.44	3.25	YES
L0022906	0	0.54380E-06	445225.0	3763112.8	220.1	3.49	7.44	3.25	YES
L0022907	0	0.54380E-06	445225.2	3763128.8	220.4	3.49	7.44	3.25	YES
L0022908	0	0.54380E-06	445225.5	3763144.8	220.8	3.49	7.44	3.25	YES
L0022909	0	0.54380E-06	445225.7	3763160.8	221.4	3.49	7.44	3.25	YES
L0022910	0	0.54380E-06	445226.0	3763176.8	221.9	3.49	7.44	3.25	YES
L0022911	0	0.54380E-06	445226.2	3763192.8	222.5	3.49	7.44	3.25	YES
L0022912	0	0.54380E-06	445226.4	3763208.8	223.1	3.49	7.44	3.25	YES
L0022913	0	0.54380E-06	445226.7	3763224.8	223.7	3.49	7.44	3.25	YES
L0022914	0	0.54380E-06	445226.9	3763240.8	224.2	3.49	7.44	3.25	YES
L0022915	0	0.54380E-06	445227.2	3763256.8	224.4	3.49	7.44	3.25	YES
L0022916	0	0.54380E-06	445227.4	3763272.8	224.6	3.49	7.44	3.25	YES

L0022917	0	0.54380E-06	445227.7	3763288.8	224.7	3.49	7.44	3.25 YES
L0022918	0	0.54380E-06	445227.9	3763304.8	224.9	3.49	7.44	3.25 YES
L0022919	0	0.54380E-06	445228.2	3763320.8	225.1	3.49	7.44	3.25 YES
L0022920	0	0.54380E-06	445228.4	3763336.8	225.1	3.49	7.44	3.25 YES
L0022921	0	0.54380E-06	445228.7	3763352.8	224.9	3.49	7.44	3.25 YES
L0022922	0	0.54380E-06	445228.9	3763368.8	224.7	3.49	7.44	3.25 YES
L0022923	0	0.54380E-06	445229.1	3763384.8	224.5	3.49	7.44	3.25 YES
L0022924	0	0.54380E-06	445229.4	3763400.8	224.3	3.49	7.44	3.25 YES
L0022925	0	0.54380E-06	445229.6	3763416.8	224.1	3.49	7.44	3.25 YES
L0022926	0	0.54380E-06	445229.9	3763432.8	224.2	3.49	7.44	3.25 YES
L0022927	0	0.54380E-06	445230.1	3763448.8	224.6	3.49	7.44	3.25 YES
L0022928	0	0.54380E-06	445230.4	3763464.8	224.9	3.49	7.44	3.25 YES
L0022929	0	0.54380E-06	445230.6	3763480.8	225.2	3.49	7.44	3.25 YES
L0022930	0	0.54380E-06	445230.9	3763496.8	225.6	3.49	7.44	3.25 YES
L0022931	0	0.54380E-06	445231.1	3763512.8	225.9	3.49	7.44	3.25 YES
L0022932	0	0.54380E-06	445231.4	3763528.8	226.4	3.49	7.44	3.25 YES
L0022933	0	0.54380E-06	445231.6	3763544.8	226.9	3.49	7.44	3.25 YES
L0022934	0	0.54380E-06	445231.9	3763560.8	227.4	3.49	7.44	3.25 YES
L0022935	0	0.54380E-06	445232.1	3763576.8	227.8	3.49	7.44	3.25 YES
L0022936	0	0.54380E-06	445232.3	3763592.8	228.3	3.49	7.44	3.25 YES
L0022937	0	0.54380E-06	445232.6	3763608.8	228.8	3.49	7.44	3.25 YES
L0022938	0	0.54380E-06	445232.8	3763624.8	228.8	3.49	7.44	3.25 YES
L0022939	0	0.54380E-06	445233.1	3763640.8	228.9	3.49	7.44	3.25 YES
L0022940	0	0.54380E-06	445233.3	3763656.8	229.0	3.49	7.44	3.25 YES

 L0022941   0   0.54380E-06 445233.6 3763672.8   229.1   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0022942   0   0.54380E-06 445233.8 3763688.8   229.2   3.49   7.44
3.25   YES
 L0022943   0   0.54380E-06 445234.1 3763704.8   229.4   3.49   7.44
3.25   YES
 L0022944   0   0.54380E-06 445234.3 3763720.8   229.9   3.49   7.44
3.25   YES
 L0022945   0   0.54380E-06 445234.6 3763736.7   230.3   3.49   7.44
3.25   YES
 L0022946   0   0.54380E-06 445234.8 3763752.7   230.8   3.49   7.44
3.25   YES
 L0022947   0   0.54380E-06 445235.0 3763768.7   231.3   3.49   7.44
3.25   YES
 L0022948   0   0.54380E-06 445235.3 3763784.7   231.8   3.49   7.44
3.25   YES
 L0022949   0   0.54380E-06 445235.5 3763800.7   231.9   3.49   7.44
3.25   YES
 L0022950   0   0.54380E-06 445235.8 3763816.7   231.8   3.49   7.44
3.25   YES
 L0022951   0   0.54380E-06 445236.0 3763832.7   231.7   3.49   7.44
3.25   YES
 L0022952   0   0.54380E-06 445236.3 3763848.7   231.6   3.49   7.44
3.25   YES
 L0022953   0   0.54380E-06 445236.5 3763864.7   231.4   3.49   7.44
3.25   YES
 L0022954   0   0.54380E-06 445236.8 3763880.7   231.3   3.49   7.44
3.25   YES

L0022955	0	0.54380E-06	445237.0	3763896.7	231.9	3.49	7.44	3.25 YES
L0022956	0	0.54380E-06	445237.3	3763912.7	232.7	3.49	7.44	3.25 YES
L0022957	0	0.54380E-06	445237.5	3763928.7	233.5	3.49	7.44	3.25 YES
L0022958	0	0.54380E-06	445237.7	3763944.7	234.3	3.49	7.44	3.25 YES
L0022959	0	0.54380E-06	445238.0	3763960.7	235.1	3.49	7.44	3.25 YES
L0022960	0	0.54380E-06	445238.2	3763976.7	236.0	3.49	7.44	3.25 YES
L0022961	0	0.54380E-06	445238.5	3763992.7	235.8	3.49	7.44	3.25 YES
L0022962	0	0.54380E-06	445238.7	3764008.7	235.6	3.49	7.44	3.25 YES
L0022963	0	0.54380E-06	445239.0	3764024.7	235.3	3.49	7.44	3.25 YES
L0022964	0	0.54380E-06	445239.2	3764040.7	235.1	3.49	7.44	3.25 YES
L0022965	0	0.54380E-06	445239.5	3764056.7	234.9	3.49	7.44	3.25 YES
L0022966	0	0.54380E-06	445239.7	3764072.7	234.7	3.49	7.44	3.25 YES
L0022967	0	0.54380E-06	445240.0	3764088.7	234.6	3.49	7.44	3.25 YES
L0022968	0	0.54380E-06	445240.2	3764104.7	234.6	3.49	7.44	3.25 YES
L0022969	0	0.54380E-06	445240.4	3764120.7	234.5	3.49	7.44	3.25 YES
L0022970	0	0.54380E-06	445240.7	3764136.7	234.4	3.49	7.44	3.25 YES
L0022971	0	0.54380E-06	445240.9	3764152.7	234.4	3.49	7.44	3.25 YES
L0022972	0	0.54380E-06	445241.2	3764168.7	234.7	3.49	7.44	3.25 YES
L0022973	0	0.54380E-06	445241.4	3764184.7	235.8	3.49	7.44	3.25 YES
L0022974	0	0.54380E-06	445241.7	3764200.7	236.8	3.49	7.44	3.25 YES
L0022975	0	0.54380E-06	445241.9	3764216.7	237.8	3.49	7.44	3.25 YES
L0022976	0	0.54380E-06	445242.2	3764232.7	238.9	3.49	7.44	3.25 YES
L0022977	0	0.54380E-06	445242.4	3764248.7	239.9	3.49	7.44	3.25 YES
L0022978	0	0.54380E-06	445242.7	3764264.7	240.3	3.49	7.44	3.25 YES

```
 L0022979         0   0.54380E-06  445242.9 3764280.7   240.2     3.49     7.44
3.25     YES
 L0022980         0   0.54380E-06  445243.1 3764296.7   240.2     3.49     7.44
3.25     YES
 L0022981         0   0.54380E-06  445243.3 3764312.7   240.1     3.49     7.44
3.25     YES
```



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                                                      *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0022982         0   0.54380E-06  445243.4 3764328.7   240.1     3.49     7.44
3.25     YES
 L0022983         0   0.54380E-06  445243.5 3764344.7   240.0     3.49     7.44
3.25     YES
 L0022984         0   0.54380E-06  445243.6 3764360.7   239.6     3.49     7.44
3.25     YES
 L0022985         0   0.54380E-06  445243.8 3764376.7   239.1     3.49     7.44
3.25     YES
 L0022986         0   0.54380E-06  445243.9 3764392.7   238.5     3.49     7.44
3.25     YES
 L0022987         0   0.54380E-06  445244.0 3764408.7   238.0     3.49     7.44
3.25     YES
 L0022988         0   0.54380E-06  445244.1 3764424.7   237.5     3.49     7.44
3.25     YES
 L0022989         0   0.54380E-06  445244.2 3764440.7   237.0     3.49     7.44
3.25     YES
 L0022990         0   0.54380E-06  445244.3 3764456.7   237.0     3.49     7.44
3.25     YES
 L0022991         0   0.54380E-06  445244.4 3764472.7   237.0     3.49     7.44
3.25     YES
 L0022992         0   0.54380E-06  445244.5 3764488.7   237.0     3.49     7.44
3.25     YES
```

L0022993	0	0.54380E-06	445244.7	3764504.7	237.0	3.49	7.44	3.25 YES
L0022994	0	0.54380E-06	445244.8	3764520.7	237.0	3.49	7.44	3.25 YES
L0022995	0	0.54380E-06	445244.9	3764536.7	237.2	3.49	7.44	3.25 YES
L0022996	0	0.54380E-06	445245.0	3764552.7	238.1	3.49	7.44	3.25 YES
L0022997	0	0.54380E-06	445245.1	3764568.7	239.0	3.49	7.44	3.25 YES
L0022998	0	0.54380E-06	445245.2	3764584.7	239.9	3.49	7.44	3.25 YES
L0022999	0	0.54380E-06	445245.3	3764600.7	240.7	3.49	7.44	3.25 YES
L0023000	0	0.54380E-06	445245.4	3764616.7	241.6	3.49	7.44	3.25 YES
L0023001	0	0.54380E-06	445245.6	3764632.7	242.0	3.49	7.44	3.25 YES
L0023002	0	0.54380E-06	445245.7	3764648.7	241.9	3.49	7.44	3.25 YES
L0023003	0	0.54380E-06	445245.8	3764664.7	241.9	3.49	7.44	3.25 YES
L0023004	0	0.54380E-06	445245.9	3764680.7	241.8	3.49	7.44	3.25 YES
L0023005	0	0.54380E-06	445246.0	3764696.7	241.7	3.49	7.44	3.25 YES
L0023006	0	0.54380E-06	445246.1	3764712.7	241.7	3.49	7.44	3.25 YES
L0023007	0	0.54380E-06	445246.2	3764728.7	241.5	3.49	7.44	3.25 YES
L0023008	0	0.54380E-06	445246.3	3764744.7	241.4	3.49	7.44	3.25 YES
L0023009	0	0.54380E-06	445246.5	3764760.7	241.2	3.49	7.44	3.25 YES
L0023010	0	0.54380E-06	445246.6	3764776.7	241.0	3.49	7.44	3.25 YES
L0023011	0	0.54380E-06	445246.7	3764792.7	240.9	3.49	7.44	3.25 YES
L0023012	0	0.54380E-06	445246.8	3764808.7	240.7	3.49	7.44	3.25 YES
L0023013	0	0.54380E-06	445246.9	3764824.7	241.6	3.49	7.44	3.25 YES
L0023014	0	0.54380E-06	445247.0	3764840.7	242.5	3.49	7.44	3.25 YES
L0023015	0	0.54380E-06	445247.1	3764856.7	243.4	3.49	7.44	3.25 YES
L0023016	0	0.54380E-06	445247.2	3764872.7	244.3	3.49	7.44	3.25 YES

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 L0023017         0   0.54380E-06  445247.4 3764888.7   245.2     3.49     7.44
3.25     YES
 L0023018         0   0.54380E-06  445247.5 3764904.7   246.0     3.49     7.44
3.25     YES
 L0023019         0   0.54380E-06  445247.6 3764920.7   246.2     3.49     7.44
3.25     YES
 L0023020         0   0.54380E-06  445247.7 3764936.7   246.4     3.49     7.44
3.25     YES
 L0023021         0   0.54380E-06  445247.8 3764952.7   246.6     3.49     7.44
3.25     YES
```

L0023031	0	0.54380E-06	445248.9	3765112.7	247.1	3.49	7.44	3.25 YES
L0023032	0	0.54380E-06	445249.0	3765128.7	246.9	3.49	7.44	3.25 YES
L0023033	0	0.54380E-06	445249.1	3765144.7	246.7	3.49	7.44	3.25 YES
L0023034	0	0.54380E-06	445249.3	3765160.7	246.5	3.49	7.44	3.25 YES
L0023035	0	0.54380E-06	445249.4	3765176.7	246.4	3.49	7.44	3.25 YES
L0023036	0	0.54380E-06	445249.5	3765192.7	246.4	3.49	7.44	3.25 YES
L0023037	0	0.54380E-06	445249.6	3765208.7	246.4	3.49	7.44	3.25 YES
L0023038	0	0.54380E-06	445249.7	3765224.7	246.5	3.49	7.44	3.25 YES
L0023039	0	0.54380E-06	445249.8	3765240.7	246.6	3.49	7.44	3.25 YES
L0023040	0	0.54380E-06	445249.9	3765256.7	246.6	3.49	7.44	3.25 YES
L0023041	0	0.54380E-06	445250.0	3765272.7	246.7	3.49	7.44	3.25 YES
L0023042	0	0.54380E-06	445250.2	3765288.7	246.7	3.49	7.44	3.25 YES
L0023043	0	0.54380E-06	445250.3	3765304.7	246.7	3.49	7.44	3.25 YES
L0023044	0	0.54380E-06	445250.4	3765320.7	246.7	3.49	7.44	3.25 YES
L0023045	0	0.54380E-06	445250.5	3765336.7	246.7	3.49	7.44	3.25 YES
L0023046	0	0.54380E-06	445250.6	3765352.7	246.7	3.49	7.44	3.25 YES
L0023047	0	0.54380E-06	445250.7	3765368.7	246.8	3.49	7.44	3.25 YES
L0023048	0	0.54380E-06	445250.8	3765384.7	247.3	3.49	7.44	3.25 YES
L0023049	0	0.54380E-06	445250.9	3765400.7	247.7	3.49	7.44	3.25 YES
L0023050	0	0.54380E-06	445251.1	3765416.7	248.2	3.49	7.44	3.25 YES
L0023051	0	0.54380E-06	445251.2	3765432.7	248.7	3.49	7.44	3.25 YES
L0023052	0	0.54380E-06	445251.3	3765448.7	249.1	3.49	7.44	3.25 YES
L0023053	0	0.54380E-06	445251.4	3765464.7	249.9	3.49	7.44	3.25 YES
L0023054	0	0.54380E-06	445251.5	3765480.7	250.9	3.49	7.44	3.25 YES

 L0023055   0   0.54380E-06 445251.6 3765496.7   251.8   3.49   7.44
3.25   YES
 L0023056   0   0.54380E-06 445251.7 3765512.7   252.8   3.49   7.44
3.25   YES
 L0023057   0   0.54380E-06 445251.8 3765528.7   253.8   3.49   7.44
3.25   YES
 L0023058   0   0.54380E-06 445252.0 3765544.7   254.8   3.49   7.44
3.25   YES
 L0023059   0   0.54380E-06 445252.1 3765560.7   255.0   3.49   7.44
3.25   YES
 L0023060   0   0.54380E-06 445252.2 3765576.7   255.0   3.49   7.44
3.25   YES
 L0023061   0   0.54380E-06 445252.3 3765592.7   255.0   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0023062   0   0.54380E-06 445252.4 3765608.6   255.0   3.49   7.44
3.25   YES
 L0023063   0   0.54380E-06 445252.5 3765624.6   255.0   3.49   7.44
3.25   YES
 L0023064   0   0.54380E-06 445252.6 3765640.6   255.0   3.49   7.44
3.25   YES
 L0023065   0   0.54380E-06 445252.7 3765656.6   254.8   3.49   7.44
3.25   YES
 L0023066   0   0.54380E-06 445252.9 3765672.6   254.7   3.49   7.44
3.25   YES
 L0023067   0   0.54380E-06 445253.0 3765688.6   254.5   3.49   7.44
3.25   YES
 L0023068   0   0.54380E-06 445253.1 3765704.6   254.3   3.49   7.44
3.25   YES

L0023069	0	0.27180E-06	445199.1	3760404.0	205.3	3.49	7.44	3.25 YES
L0023070	0	0.27180E-06	445198.7	3760388.0	205.1	3.49	7.44	3.25 YES
L0023071	0	0.27180E-06	445198.3	3760372.0	204.9	3.49	7.44	3.25 YES
L0023072	0	0.27180E-06	445197.9	3760356.0	204.8	3.49	7.44	3.25 YES
L0023073	0	0.27180E-06	445197.6	3760340.0	204.6	3.49	7.44	3.25 YES
L0023074	0	0.27180E-06	445197.2	3760324.0	204.4	3.49	7.44	3.25 YES
L0023075	0	0.27180E-06	445196.8	3760308.0	204.3	3.49	7.44	3.25 YES
L0023076	0	0.27180E-06	445196.5	3760292.0	204.1	3.49	7.44	3.25 YES
L0023077	0	0.27180E-06	445196.1	3760276.0	203.9	3.49	7.44	3.25 YES
L0023078	0	0.27180E-06	445195.7	3760260.0	203.8	3.49	7.44	3.25 YES
L0023079	0	0.27180E-06	445195.3	3760244.0	203.6	3.49	7.44	3.25 YES
L0023080	0	0.27180E-06	445195.0	3760228.0	203.4	3.49	7.44	3.25 YES
L0023081	0	0.27180E-06	445194.6	3760212.0	203.2	3.49	7.44	3.25 YES
L0023082	0	0.27180E-06	445194.2	3760196.0	203.1	3.49	7.44	3.25 YES
L0023083	0	0.27180E-06	445193.9	3760180.0	202.9	3.49	7.44	3.25 YES
L0023084	0	0.27180E-06	445193.5	3760164.0	202.7	3.49	7.44	3.25 YES
L0023085	0	0.27180E-06	445193.1	3760148.0	202.6	3.49	7.44	3.25 YES
L0023086	0	0.27180E-06	445192.7	3760132.0	202.4	3.49	7.44	3.25 YES
L0023087	0	0.27180E-06	445192.4	3760116.1	202.2	3.49	7.44	3.25 YES
L0023088	0	0.27180E-06	445192.0	3760100.1	202.1	3.49	7.44	3.25 YES
L0023089	0	0.27180E-06	445191.6	3760084.1	202.1	3.49	7.44	3.25 YES
L0023090	0	0.27180E-06	445191.3	3760068.1	202.1	3.49	7.44	3.25 YES
L0023091	0	0.27180E-06	445190.9	3760052.1	202.1	3.49	7.44	3.25 YES
L0023092	0	0.27180E-06	445190.5	3760036.1	202.1	3.49	7.44	3.25 YES

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 L0023093         0   0.27180E-06  445190.1 3760020.1   202.1     3.49     7.44
3.25     YES
 L0023094         0   0.27180E-06  445189.8 3760004.1   202.0     3.49     7.44
3.25     YES
 L0023095         0   0.27180E-06  445189.4 3759988.1   201.9     3.49     7.44
3.25     YES
 L0023096         0   0.27180E-06  445189.0 3759972.1   201.7     3.49     7.44
3.25     YES
 L0023097         0   0.27180E-06  445188.7 3759956.1   201.5     3.49     7.44
3.25     YES
 L0023098         0   0.27180E-06  445188.3 3759940.1   201.4     3.49     7.44
3.25     YES
 L0023099         0   0.27180E-06  445188.1 3759924.1   201.2     3.49     7.44
3.25     YES
 L0023100         0   0.27180E-06  445188.0 3759908.1   201.0     3.49     7.44
3.25     YES
 L0023101         0   0.27180E-06  445187.8 3759892.1   200.8     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                 ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:02:36

                                  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0023102         0   0.27180E-06  445187.6 3759876.1   200.7     3.49     7.44
3.25     YES
 L0023103         0   0.27180E-06  445189.2 3759860.2   200.5     3.49     7.44
3.25     YES
 L0023104         0   0.27180E-06  445191.4 3759844.4   200.3     3.49     7.44
3.25     YES
 L0023105         0   0.27180E-06  445193.6 3759828.5   200.1     3.49     7.44
3.25     YES
 L0023106         0   0.27180E-06  445195.8 3759812.7   199.9     3.49     7.44
3.25     YES
```

L0023107	0	0.27180E-06	445198.0	3759796.8	199.7	3.49	7.44	3.25 YES
L0023108	0	0.27180E-06	445200.2	3759781.0	199.5	3.49	7.44	3.25 YES
L0023109	0	0.27180E-06	445201.8	3759765.1	199.3	3.49	7.44	3.25 YES
L0023110	0	0.27180E-06	445202.5	3759749.1	199.1	3.49	7.44	3.25 YES
L0023111	0	0.27180E-06	445203.2	3759733.1	198.9	3.49	7.44	3.25 YES
L0023112	0	0.27180E-06	445203.9	3759717.1	198.7	3.49	7.44	3.25 YES
L0023113	0	0.27180E-06	445204.6	3759701.1	198.6	3.49	7.44	3.25 YES
L0023114	0	0.27180E-06	445205.3	3759685.2	198.4	3.49	7.44	3.25 YES
L0023115	0	0.27180E-06	445205.6	3759669.2	198.2	3.49	7.44	3.25 YES
L0023116	0	0.27180E-06	445205.9	3759653.2	198.0	3.49	7.44	3.25 YES
L0023117	0	0.27180E-06	445206.3	3759637.2	197.8	3.49	7.44	3.25 YES
L0023118	0	0.27180E-06	445206.6	3759621.2	197.7	3.49	7.44	3.25 YES
L0023119	0	0.27180E-06	445206.9	3759605.2	197.5	3.49	7.44	3.25 YES
L0023120	0	0.27180E-06	445207.3	3759589.2	197.3	3.49	7.44	3.25 YES
L0023121	0	0.27180E-06	445212.1	3759577.7	197.1	3.49	7.44	3.25 YES
L0023122	0	0.27180E-06	445228.1	3759577.8	196.9	3.49	7.44	3.25 YES
L0023123	0	0.27180E-06	445244.1	3759577.8	196.7	3.49	7.44	3.25 YES
L0023124	0	0.27180E-06	445260.1	3759577.8	196.5	3.49	7.44	3.25 YES
L0023125	0	0.27180E-06	445276.1	3759577.9	196.5	3.49	7.44	3.25 YES
L0023126	0	0.27180E-06	445292.1	3759577.9	196.6	3.49	7.44	3.25 YES
L0023127	0	0.27180E-06	445308.1	3759577.9	196.7	3.49	7.44	3.25 YES
L0023128	0	0.27180E-06	445324.1	3759577.9	196.8	3.49	7.44	3.25 YES
L0023129	0	0.27180E-06	445340.1	3759578.0	197.0	3.49	7.44	3.25 YES
L0023130	0	0.27180E-06	445356.1	3759578.0	197.4	3.49	7.44	3.25 YES

```
 L0023131         0   0.27180E-06  445372.1 3759578.0   197.9     3.49     7.44
3.25     YES
 L0023132         0   0.27180E-06  445388.1 3759578.1   198.4     3.49     7.44
3.25     YES
 L0023133         0   0.27180E-06  445404.1 3759578.1   198.9     3.49     7.44
3.25     YES
 L0023134         0   0.27180E-06  445420.1 3759578.1   199.4     3.49     7.44
3.25     YES
 L0023135         0   0.27180E-06  445436.1 3759578.1   199.6     3.49     7.44
3.25     YES
 L0023136         0   0.27180E-06  445452.1 3759578.2   199.8     3.49     7.44
3.25     YES
 L0023137         0   0.27180E-06  445468.1 3759578.2   200.0     3.49     7.44
3.25     YES
 L0023138         0   0.27180E-06  445484.1 3759578.2   200.2     3.49     7.44
3.25     YES
 L0023139         0   0.27180E-06  445500.1 3759578.2   200.4     3.49     7.44
3.25     YES
 L0023140         0   0.27180E-06  445516.1 3759578.3   200.9     3.49     7.44
3.25     YES
 L0023141         0   0.27180E-06  445532.1 3759578.3   201.3     3.49     7.44
3.25     YES
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                        *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0023142         0   0.27180E-06  445548.1 3759578.3   201.7     3.49     7.44
3.25     YES
 L0023143         0   0.27180E-06  445564.1 3759578.4   202.1     3.49     7.44
3.25     YES
 L0023144         0   0.27180E-06  445580.1 3759578.4   202.4     3.49     7.44
3.25     YES
```

L0023145	0	0.27180E-06	445596.1	3759578.4	202.3	3.49	7.44	3.25 YES
L0023146	0	0.27180E-06	445612.1	3759578.4	202.2	3.49	7.44	3.25 YES
L0023147	0	0.27180E-06	445628.1	3759578.5	202.1	3.49	7.44	3.25 YES
L0023148	0	0.27180E-06	445644.1	3759578.5	202.1	3.49	7.44	3.25 YES
L0023149	0	0.27180E-06	445660.1	3759578.5	201.9	3.49	7.44	3.25 YES
L0023150	0	0.27180E-06	445676.1	3759578.6	201.8	3.49	7.44	3.25 YES
L0023151	0	0.27180E-06	445692.1	3759578.6	201.7	3.49	7.44	3.25 YES
L0023152	0	0.27180E-06	445708.1	3759578.6	201.6	3.49	7.44	3.25 YES
L0023153	0	0.27180E-06	445724.1	3759578.6	201.5	3.49	7.44	3.25 YES
L0023154	0	0.27180E-06	445740.1	3759578.7	201.4	3.49	7.44	3.25 YES
L0023155	0	0.27180E-06	445756.1	3759578.7	201.4	3.49	7.44	3.25 YES
L0023156	0	0.27180E-06	445772.1	3759578.7	201.4	3.49	7.44	3.25 YES
L0023157	0	0.27180E-06	445788.1	3759578.8	201.4	3.49	7.44	3.25 YES
L0023158	0	0.27180E-06	445804.1	3759578.8	201.4	3.49	7.44	3.25 YES
L0023159	0	0.27180E-06	445820.1	3759578.8	201.4	3.49	7.44	3.25 YES
L0023160	0	0.27180E-06	445836.1	3759578.8	201.4	3.49	7.44	3.25 YES
L0023161	0	0.27180E-06	445852.1	3759578.9	201.4	3.49	7.44	3.25 YES
L0023162	0	0.27180E-06	445868.1	3759578.9	201.4	3.49	7.44	3.25 YES
L0023163	0	0.27180E-06	445884.1	3759578.9	201.4	3.49	7.44	3.25 YES
L0023164	0	0.27180E-06	445900.1	3759578.9	201.4	3.49	7.44	3.25 YES
L0023165	0	0.27180E-06	445916.1	3759579.0	201.4	3.49	7.44	3.25 YES
L0023166	0	0.27180E-06	445932.1	3759579.0	201.4	3.49	7.44	3.25 YES
L0023167	0	0.27180E-06	445948.1	3759579.0	201.4	3.49	7.44	3.25 YES
L0023168	0	0.27180E-06	445964.1	3759579.1	201.4	3.49	7.44	3.25 YES

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 L0023169         0   0.27180E-06  445980.1 3759579.1   201.2     3.49     7.44
3.25     YES
 L0023170         0   0.27180E-06  445996.1 3759579.1   201.0     3.49     7.44
3.25     YES
 L0023171         0   0.27180E-06  446012.1 3759579.1   200.8     3.49     7.44
3.25     YES
 L0023172         0   0.27180E-06  446028.1 3759579.2   200.6     3.49     7.44
3.25     YES
 L0023173         0   0.27180E-06  446044.1 3759579.2   200.5     3.49     7.44
3.25     YES
 L0023174         0   0.27180E-06  446060.1 3759579.2   200.5     3.49     7.44
3.25     YES
 L0023175         0   0.27180E-06  446076.1 3759579.0   200.5     3.49     7.44
3.25     YES
 L0023176         0   0.27180E-06  446092.1 3759578.9   200.5     3.49     7.44
3.25     YES
 L0023177         0   0.27180E-06  446108.1 3759578.8   200.5     3.49     7.44
3.25     YES
 L0023178         0   0.27180E-06  446124.1 3759578.6   200.5     3.49     7.44
3.25     YES
 L0023179         0   0.27180E-06  446140.1 3759578.5   200.5     3.49     7.44
3.25     YES
 L0023180         0   0.27180E-06  446156.1 3759578.3   200.5     3.49     7.44
3.25     YES
 L0023181         0   0.27180E-06  446172.1 3759578.2   200.5     3.49     7.44
3.25     YES
```



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                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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 L0023182         0   0.27180E-06  446188.1 3759578.0   200.5     3.49     7.44
3.25     YES
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L0023183	0	0.27180E-06	446204.1	3759577.9	200.3	3.49	7.44	3.25 YES
L0023184	0	0.27180E-06	446220.1	3759577.7	200.1	3.49	7.44	3.25 YES
L0023185	0	0.27180E-06	446236.1	3759577.6	199.9	3.49	7.44	3.25 YES
L0023186	0	0.27180E-06	446252.1	3759577.5	199.7	3.49	7.44	3.25 YES
L0023187	0	0.27180E-06	446268.1	3759577.3	199.5	3.49	7.44	3.25 YES
L0023188	0	0.27180E-06	446284.1	3759577.2	199.4	3.49	7.44	3.25 YES
L0023189	0	0.27180E-06	446300.1	3759577.0	199.4	3.49	7.44	3.25 YES
L0023190	0	0.27180E-06	446316.1	3759576.9	199.4	3.49	7.44	3.25 YES
L0023191	0	0.27180E-06	446332.1	3759576.7	199.4	3.49	7.44	3.25 YES
L0023192	0	0.27180E-06	446348.1	3759576.6	199.4	3.49	7.44	3.25 YES
L0023193	0	0.27180E-06	446364.1	3759576.4	199.4	3.49	7.44	3.25 YES
L0023194	0	0.27180E-06	446380.1	3759576.3	199.4	3.49	7.44	3.25 YES
L0023195	0	0.27180E-06	446396.1	3759576.2	199.4	3.49	7.44	3.25 YES
L0023196	0	0.27180E-06	446412.1	3759576.0	199.4	3.49	7.44	3.25 YES
L0023197	0	0.27180E-06	446428.1	3759575.9	199.4	3.49	7.44	3.25 YES
L0023198	0	0.27180E-06	446444.0	3759575.7	199.4	3.49	7.44	3.25 YES
L0023199	0	0.27180E-06	446460.0	3759575.6	199.4	3.49	7.44	3.25 YES
L0023200	0	0.27180E-06	446476.0	3759575.4	199.4	3.49	7.44	3.25 YES
L0023201	0	0.27180E-06	446492.0	3759575.3	199.4	3.49	7.44	3.25 YES
L0023202	0	0.27180E-06	446508.0	3759575.1	199.4	3.49	7.44	3.25 YES
L0023203	0	0.27180E-06	446524.0	3759575.0	199.3	3.49	7.44	3.25 YES
L0023204	0	0.27180E-06	446540.0	3759574.9	199.2	3.49	7.44	3.25 YES
L0023205	0	0.27180E-06	446556.0	3759574.7	199.1	3.49	7.44	3.25 YES
L0023206	0	0.27180E-06	446572.0	3759574.6	199.0	3.49	7.44	3.25 YES

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 L0023207         0   0.27180E-06  446588.0 3759574.4   198.9     3.49     7.44
3.25     YES
 L0023208         0   0.27180E-06  446604.0 3759574.3   198.8     3.49     7.44
3.25     YES
 L0023209         0   0.27180E-06  446620.0 3759574.1   198.7     3.49     7.44
3.25     YES
 L0023210         0   0.27180E-06  446636.0 3759574.0   198.6     3.49     7.44
3.25     YES
 L0023211         0   0.27180E-06  446652.0 3759573.9   198.4     3.49     7.44
3.25     YES
 L0023212         0   0.27180E-06  446668.0 3759573.7   198.4     3.49     7.44
3.25     YES
 L0023213         0   0.27180E-06  446684.0 3759573.6   198.4     3.49     7.44
3.25     YES
 L0023214         0   0.27180E-06  446700.0 3759573.4   198.4     3.49     7.44
3.25     YES
 L0023215         0   0.27180E-06  446716.0 3759573.3   198.4     3.49     7.44
3.25     YES
 L0023216         0   0.27180E-06  446732.0 3759573.1   198.4     3.49     7.44
3.25     YES
 L0023217         0   0.27180E-06  446748.0 3759573.0   198.4     3.49     7.44
3.25     YES
 L0023218         0   0.27180E-06  446764.0 3759572.8   198.4     3.49     7.44
3.25     YES
 L0023219         0   0.27180E-06  446780.0 3759572.7   198.4     3.49     7.44
3.25     YES
 L0023220         0   0.27180E-06  446796.0 3759572.6   198.4     3.49     7.44
3.25     YES
 L0023221         0   0.27180E-06  446812.0 3759572.4   198.4     3.49     7.44
3.25     YES
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                                                      *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
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L0023222	0	0.27180E-06	446828.0	3759572.3	198.4	3.49	7.44	3.25 YES
L0023223	0	0.27180E-06	446844.0	3759572.1	198.4	3.49	7.44	3.25 YES
L0023224	0	0.27180E-06	446860.0	3759572.0	198.4	3.49	7.44	3.25 YES
L0023225	0	0.27180E-06	446876.0	3759571.8	198.4	3.49	7.44	3.25 YES
L0023226	0	0.27180E-06	446892.0	3759571.7	198.3	3.49	7.44	3.25 YES
L0023227	0	0.27180E-06	446908.0	3759571.5	198.1	3.49	7.44	3.25 YES
L0023228	0	0.27180E-06	446924.0	3759571.4	197.9	3.49	7.44	3.25 YES
L0023229	0	0.27180E-06	446940.0	3759571.3	197.7	3.49	7.44	3.25 YES
L0023230	0	0.27180E-06	446956.0	3759571.1	197.5	3.49	7.44	3.25 YES
L0023231	0	0.27180E-06	446972.0	3759571.0	197.4	3.49	7.44	3.25 YES
L0023232	0	0.27180E-06	446988.0	3759570.8	197.4	3.49	7.44	3.25 YES
L0023233	0	0.27180E-06	447004.0	3759570.7	197.4	3.49	7.44	3.25 YES
L0023234	0	0.27180E-06	447020.0	3759570.5	197.4	3.49	7.44	3.25 YES
L0023235	0	0.27180E-06	447036.0	3759570.4	197.4	3.49	7.44	3.25 YES
L0023236	0	0.27180E-06	447052.0	3759570.3	197.4	3.49	7.44	3.25 YES
L0023237	0	0.27180E-06	447068.0	3759570.1	197.4	3.49	7.44	3.25 YES
L0023238	0	0.27180E-06	447084.0	3759570.0	197.4	3.49	7.44	3.25 YES
L0023239	0	0.27180E-06	447100.0	3759569.8	197.4	3.49	7.44	3.25 YES
L0023240	0	0.27180E-06	447116.0	3759569.7	197.4	3.49	7.44	3.25 YES
L0023241	0	0.27180E-06	447132.0	3759569.6	197.2	3.49	7.44	3.25 YES
L0023242	0	0.27180E-06	447148.0	3759569.5	197.0	3.49	7.44	3.25 YES
L0023243	0	0.27180E-06	447164.0	3759569.5	196.8	3.49	7.44	3.25 YES
L0023244	0	0.27180E-06	447180.0	3759569.4	196.6	3.49	7.44	3.25 YES

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 L0023245         0   0.27180E-06  447196.0 3759569.4   196.5     3.49     7.44
3.25     YES
 L0023246         0   0.27180E-06  447212.0 3759569.3   196.7     3.49     7.44
3.25     YES
 L0023247         0   0.27180E-06  447228.0 3759569.3   196.9     3.49     7.44
3.25     YES
 L0023248         0   0.27180E-06  447244.0 3759569.2   197.1     3.49     7.44
3.25     YES
 L0023249         0   0.27180E-06  447260.0 3759569.2   197.3     3.49     7.44
3.25     YES
 L0023250         0   0.27180E-06  447276.0 3759569.1   197.6     3.49     7.44
3.25     YES
 L0023251         0   0.27180E-06  447292.0 3759569.0   198.1     3.49     7.44
3.25     YES
 L0023252         0   0.27180E-06  447308.0 3759569.0   198.6     3.49     7.44
3.25     YES
 L0023253         0   0.27180E-06  447324.0 3759568.9   199.1     3.49     7.44
3.25     YES
 L0023254         0   0.27180E-06  447340.0 3759568.9   199.6     3.49     7.44
3.25     YES
 L0023255         0   0.27180E-06  447356.0 3759568.8   199.8     3.49     7.44
3.25     YES
 L0023256         0   0.27180E-06  447372.0 3759568.8   199.8     3.49     7.44
3.25     YES
 L0023257         0   0.27180E-06  447388.0 3759568.7   199.8     3.49     7.44
3.25     YES
 L0023258         0   0.27180E-06  447404.0 3759568.7   199.8     3.49     7.44
3.25     YES
 L0023259         0   0.27180E-06  447420.0 3759568.6   199.8     3.49     7.44
3.25     YES
 L0023260         0   0.27180E-06  447436.0 3759568.6   199.5     3.49     7.44
3.25     YES
 L0023261         0   0.27180E-06  447452.0 3759568.5   199.1     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:02:36

                                  PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
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SZ	SOURCE ID	SCALAR CATS.	VARY BY						
				(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	L0023262	0	0.27180E-06	447468.0	3759568.5	198.7	3.49	7.44	3.25 YES
	L0023263	0	0.27180E-06	447484.0	3759568.4	198.3	3.49	7.44	3.25 YES
	L0023264	0	0.27180E-06	447500.0	3759568.3	197.8	3.49	7.44	3.25 YES
	L0023265	0	0.27180E-06	447516.0	3759568.3	197.6	3.49	7.44	3.25 YES
	L0023266	0	0.27180E-06	447532.0	3759568.2	197.2	3.49	7.44	3.25 YES
	L0023267	0	0.27180E-06	447548.0	3759568.2	197.0	3.49	7.44	3.25 YES
	L0023268	0	0.27180E-06	447564.0	3759568.1	196.7	3.49	7.44	3.25 YES
	L0023269	0	0.27180E-06	447580.0	3759568.1	196.4	3.49	7.44	3.25 YES
	L0023270	0	0.27180E-06	447596.0	3759568.0	196.4	3.49	7.44	3.25 YES
	L0023271	0	0.27180E-06	447612.0	3759568.0	196.4	3.49	7.44	3.25 YES
	L0023272	0	0.27180E-06	447628.0	3759567.9	196.4	3.49	7.44	3.25 YES
	L0023273	0	0.27180E-06	447644.0	3759567.9	196.4	3.49	7.44	3.25 YES
	L0023274	0	0.27180E-06	447660.0	3759567.8	196.4	3.49	7.44	3.25 YES
	L0023275	0	0.27180E-06	447676.0	3759567.8	196.4	3.49	7.44	3.25 YES
	L0023276	0	0.27180E-06	447692.0	3759567.7	196.4	3.49	7.44	3.25 YES
	L0023277	0	0.27180E-06	447708.0	3759567.6	196.4	3.49	7.44	3.25 YES
	L0023278	0	0.27180E-06	447724.0	3759567.6	196.4	3.49	7.44	3.25 YES
	L0023279	0	0.27180E-06	447740.0	3759567.5	196.4	3.49	7.44	3.25 YES
	L0023280	0	0.27180E-06	447756.0	3759567.5	196.4	3.49	7.44	3.25 YES
	L0023281	0	0.27180E-06	447772.0	3759567.4	196.4	3.49	7.44	3.25 YES
	L0023282	0	0.27180E-06	447788.0	3759567.4	196.4	3.49	7.44	3.25 YES

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 L0023283         0   0.27180E-06  447804.0 3759567.3   196.4     3.49     7.44
3.25     YES
 L0023284         0   0.27180E-06  447820.0 3759567.3   196.4     3.49     7.44
3.25     YES
 L0023285         0   0.27180E-06  447836.0 3759567.2   196.4     3.49     7.44
3.25     YES
 L0023286         0   0.27180E-06  447852.0 3759567.2   196.4     3.49     7.44
3.25     YES
 L0023287         0   0.27180E-06  447868.0 3759567.1   196.4     3.49     7.44
3.25     YES
 L0023288         0   0.27180E-06  447884.0 3759567.0   196.4     3.49     7.44
3.25     YES
 L0023289         0   0.27180E-06  447900.0 3759567.0   196.8     3.49     7.44
3.25     YES
 L0023290         0   0.27180E-06  447916.0 3759566.9   197.2     3.49     7.44
3.25     YES
 L0023291         0   0.27180E-06  447932.0 3759566.9   197.7     3.49     7.44
3.25     YES
 L0023292         0   0.27180E-06  447948.0 3759566.8   198.1     3.49     7.44
3.25     YES
 L0023293         0   0.27180E-06  447964.0 3759566.8   198.4     3.49     7.44
3.25     YES
 L0023294         0   0.27180E-06  447980.0 3759566.7   198.2     3.49     7.44
3.25     YES
 L0023295         0   0.27180E-06  447996.0 3759566.7   198.0     3.49     7.44
3.25     YES
 L0023296         0   0.27180E-06  448012.0 3759566.6   197.8     3.49     7.44
3.25     YES
 L0023297         0   0.27180E-06  448028.0 3759566.6   197.6     3.49     7.44
3.25     YES
 L0023298         0   0.27180E-06  448044.0 3759566.5   197.4     3.49     7.44
3.25     YES
 L0023299         0   0.27180E-06  448060.0 3759566.5   197.2     3.49     7.44
3.25     YES
 L0023300         0   0.27180E-06  448076.0 3759566.4   197.0     3.49     7.44
3.25     YES
 L0023301         0   0.27180E-06  448092.0 3759566.3   196.8     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:02:36

                                   PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***
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SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY
L0023302	0	0.27180E-06	448108.0	3759566.3	196.5	3.49	7.44	3.25	YES
L0023303	0	0.27180E-06	448124.0	3759566.2	196.4	3.49	7.44	3.25	YES
L0023304	0	0.27180E-06	448140.0	3759566.2	196.4	3.49	7.44	3.25	YES
L0023305	0	0.27180E-06	448156.0	3759566.1	196.4	3.49	7.44	3.25	YES
L0023306	0	0.27180E-06	448172.0	3759566.1	196.4	3.49	7.44	3.25	YES
L0023307	0	0.27180E-06	448188.0	3759566.0	196.4	3.49	7.44	3.25	YES
L0023308	0	0.27180E-06	448204.0	3759566.0	196.4	3.49	7.44	3.25	YES
L0023309	0	0.27180E-06	448220.0	3759565.9	196.4	3.49	7.44	3.25	YES
L0023310	0	0.27180E-06	448236.0	3759565.8	196.4	3.49	7.44	3.25	YES
L0023311	0	0.27180E-06	448252.0	3759565.6	196.4	3.49	7.44	3.25	YES
L0023312	0	0.27180E-06	448268.0	3759565.5	196.4	3.49	7.44	3.25	YES
L0023313	0	0.27180E-06	448284.0	3759565.4	196.4	3.49	7.44	3.25	YES
L0023314	0	0.27180E-06	448300.0	3759565.2	196.4	3.49	7.44	3.25	YES
L0023315	0	0.27180E-06	448316.0	3759565.1	196.4	3.49	7.44	3.25	YES
L0023316	0	0.27180E-06	448332.0	3759565.0	196.4	3.49	7.44	3.25	YES
L0023317	0	0.27180E-06	448348.0	3759564.8	196.4	3.49	7.44	3.25	YES
L0023318	0	0.27180E-06	448364.0	3759564.7	196.4	3.49	7.44	3.25	YES
L0023319	0	0.27180E-06	448380.0	3759564.5	196.4	3.49	7.44	3.25	YES
L0023320	0	0.27180E-06	448396.0	3759563.8	196.4	3.49	7.44	3.25	YES

L0023321	0	0.27180E-06	448411.8	3759561.6	196.4	3.49	7.44	3.25 YES
L0023322	0	0.27180E-06	448427.7	3759559.5	196.4	3.49	7.44	3.25 YES
L0023323	0	0.27180E-06	448443.5	3759557.3	196.4	3.49	7.44	3.25 YES
L0023324	0	0.27180E-06	448459.4	3759555.1	196.3	3.49	7.44	3.25 YES
L0023325	0	0.27180E-06	448475.2	3759553.0	196.3	3.49	7.44	3.25 YES
L0023326	0	0.27180E-06	448491.2	3759551.5	196.3	3.49	7.44	3.25 YES
L0023327	0	0.27180E-06	448507.1	3759550.8	196.3	3.49	7.44	3.25 YES
L0023328	0	0.27180E-06	448523.1	3759550.0	196.3	3.49	7.44	3.25 YES
L0023329	0	0.27180E-06	448539.1	3759549.2	196.3	3.49	7.44	3.25 YES
L0023330	0	0.27180E-06	448555.1	3759548.5	196.3	3.49	7.44	3.25 YES
L0023331	0	0.27180E-06	448571.1	3759547.7	196.3	3.49	7.44	3.25 YES
L0023332	0	0.27180E-06	448587.0	3759546.9	196.2	3.49	7.44	3.25 YES
L0023333	0	0.27180E-06	448603.0	3759546.2	196.2	3.49	7.44	3.25 YES
L0023334	0	0.27180E-06	448619.0	3759545.4	196.2	3.49	7.44	3.25 YES
L0023335	0	0.27180E-06	448635.0	3759545.1	196.2	3.49	7.44	3.25 YES
L0023336	0	0.27180E-06	448651.0	3759544.9	196.2	3.49	7.44	3.25 YES
L0023337	0	0.27180E-06	448667.0	3759544.8	196.2	3.49	7.44	3.25 YES
L0023338	0	0.27180E-06	448683.0	3759544.6	196.2	3.49	7.44	3.25 YES
L0023339	0	0.27180E-06	448699.0	3759544.4	196.2	3.49	7.44	3.25 YES
L0023340	0	0.27180E-06	448715.0	3759544.2	196.2	3.49	7.44	3.25 YES
L0023341	0	0.27180E-06	448731.0	3759544.1	196.2	3.49	7.44	3.25 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0023342	0	0.27180E-06	448747.0	3759543.9	196.2	3.49	7.44	3.25	YES	
L0023343	0	0.27180E-06	448763.0	3759543.7	196.2	3.49	7.44	3.25	YES	
L0023344	0	0.27180E-06	448779.0	3759543.5	196.2	3.49	7.44	3.25	YES	
L0023345	0	0.27180E-06	448795.0	3759543.4	196.2	3.49	7.44	3.25	YES	
L0023346	0	0.27180E-06	448811.0	3759543.2	196.2	3.49	7.44	3.25	YES	
L0023347	0	0.27180E-06	448827.0	3759543.0	196.2	3.49	7.44	3.25	YES	
L0023348	0	0.27180E-06	448843.0	3759542.8	196.2	3.49	7.44	3.25	YES	
L0023349	0	0.27180E-06	448859.0	3759542.7	196.2	3.49	7.44	3.25	YES	
L0023350	0	0.27180E-06	448875.0	3759542.5	196.2	3.49	7.44	3.25	YES	
L0023351	0	0.27180E-06	448891.0	3759542.3	196.2	3.49	7.44	3.25	YES	
L0023352	0	0.27180E-06	448907.0	3759542.1	196.2	3.49	7.44	3.25	YES	
L0023353	0	0.27180E-06	448923.0	3759542.0	196.2	3.49	7.44	3.25	YES	
L0023354	0	0.27180E-06	448939.0	3759541.8	196.2	3.49	7.44	3.25	YES	
L0023355	0	0.27180E-06	448955.0	3759541.7	196.2	3.49	7.44	3.25	YES	
L0023356	0	0.27180E-06	448971.0	3759541.5	196.2	3.49	7.44	3.25	YES	
L0023357	0	0.27180E-06	448987.0	3759541.3	196.2	3.49	7.44	3.25	YES	
L0023358	0	0.27180E-06	449003.0	3759541.2	196.2	3.49	7.44	3.25	YES	

L0023359	0	0.27180E-06	449019.0	3759541.0	196.2	3.49	7.44	3.25 YES
L0023360	0	0.27180E-06	449035.0	3759540.9	196.2	3.49	7.44	3.25 YES
L0023361	0	0.27180E-06	449051.0	3759540.7	196.2	3.49	7.44	3.25 YES
L0023362	0	0.27180E-06	449067.0	3759540.5	196.2	3.49	7.44	3.25 YES
L0023363	0	0.27180E-06	449083.0	3759540.4	196.2	3.49	7.44	3.25 YES
L0023364	0	0.27180E-06	449099.0	3759540.2	196.2	3.49	7.44	3.25 YES
L0023365	0	0.27180E-06	449115.0	3759540.0	196.2	3.49	7.44	3.25 YES
L0023366	0	0.27180E-06	449131.0	3759539.9	196.2	3.49	7.44	3.25 YES
L0023367	0	0.27180E-06	449147.0	3759539.7	196.2	3.49	7.44	3.25 YES
L0023368	0	0.27180E-06	449163.0	3759539.6	196.2	3.49	7.44	3.25 YES
L0023369	0	0.27180E-06	449179.0	3759539.4	196.2	3.49	7.44	3.25 YES
L0023370	0	0.27180E-06	449195.0	3759539.2	196.2	3.49	7.44	3.25 YES
L0023371	0	0.27180E-06	449211.0	3759539.1	196.2	3.49	7.44	3.25 YES
L0023372	0	0.27180E-06	449227.0	3759538.9	196.2	3.49	7.44	3.25 YES
L0023373	0	0.27180E-06	449243.0	3759538.7	196.2	3.49	7.44	3.25 YES
L0023374	0	0.27180E-06	449259.0	3759538.6	196.2	3.49	7.44	3.25 YES
L0023375	0	0.27180E-06	449275.0	3759538.4	196.2	3.49	7.44	3.25 YES
L0023376	0	0.27180E-06	449291.0	3759538.3	196.2	3.49	7.44	3.25 YES
L0023377	0	0.27180E-06	449307.0	3759538.1	196.1	3.49	7.44	3.25 YES
L0023378	0	0.27180E-06	449323.0	3759537.9	196.1	3.49	7.44	3.25 YES
L0023379	0	0.27170E-05	442000.9	3760465.6	199.9	3.49	7.44	3.25 YES
L0023380	0	0.27170E-05	442016.9	3760465.6	200.7	3.49	7.44	3.25 YES
L0023381	0	0.27170E-05	442032.9	3760465.6	201.6	3.49	7.44	3.25 YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0023382	0	0.27170E-05	442048.9	3760465.7	202.5	3.49	7.44	3.25	YES
L0023383	0	0.27170E-05	442064.9	3760465.7	203.2	3.49	7.44	3.25	YES
L0023384	0	0.27170E-05	442080.9	3760465.7	204.0	3.49	7.44	3.25	YES
L0023385	0	0.27170E-05	442096.9	3760465.7	204.8	3.49	7.44	3.25	YES
L0023386	0	0.27170E-05	442112.9	3760465.7	205.6	3.49	7.44	3.25	YES
L0023387	0	0.27170E-05	442128.9	3760465.7	206.0	3.49	7.44	3.25	YES
L0023388	0	0.27170E-05	442144.9	3760465.7	206.2	3.49	7.44	3.25	YES
L0023389	0	0.27170E-05	442160.9	3760465.8	206.4	3.49	7.44	3.25	YES
L0023390	0	0.27170E-05	442176.9	3760465.8	206.6	3.49	7.44	3.25	YES
L0023391	0	0.27170E-05	442192.9	3760465.8	206.8	3.49	7.44	3.25	YES
L0023392	0	0.27170E-05	442208.9	3760465.8	206.8	3.49	7.44	3.25	YES
L0023393	0	0.27170E-05	442224.9	3760465.8	206.8	3.49	7.44	3.25	YES
L0023394	0	0.27170E-05	442240.9	3760465.8	206.8	3.49	7.44	3.25	YES
L0023395	0	0.27170E-05	442256.9	3760465.8	206.8	3.49	7.44	3.25	YES
L0023396	0	0.27170E-05	442272.9	3760465.9	206.8	3.49	7.44	3.25	YES

L0023397	0	0.27170E-05	442288.9	3760465.9	206.6	3.49	7.44	3.25 YES
L0023398	0	0.27170E-05	442304.9	3760465.9	206.4	3.49	7.44	3.25 YES
L0023399	0	0.27170E-05	442320.9	3760465.9	206.2	3.49	7.44	3.25 YES
L0023400	0	0.27170E-05	442336.9	3760465.9	206.0	3.49	7.44	3.25 YES
L0023401	0	0.27170E-05	442352.9	3760465.9	205.7	3.49	7.44	3.25 YES
L0023402	0	0.27170E-05	442368.9	3760465.9	205.5	3.49	7.44	3.25 YES
L0023403	0	0.27170E-05	442384.9	3760466.0	205.3	3.49	7.44	3.25 YES
L0023404	0	0.27170E-05	442400.9	3760466.0	205.1	3.49	7.44	3.25 YES
L0023405	0	0.27170E-05	442416.9	3760466.0	204.9	3.49	7.44	3.25 YES
L0023406	0	0.27170E-05	442432.9	3760466.0	204.7	3.49	7.44	3.25 YES
L0023407	0	0.27170E-05	442448.9	3760466.0	204.5	3.49	7.44	3.25 YES
L0023408	0	0.27170E-05	442464.9	3760466.0	204.3	3.49	7.44	3.25 YES
L0023409	0	0.27170E-05	442480.9	3760466.0	204.1	3.49	7.44	3.25 YES
L0023410	0	0.27170E-05	442496.9	3760466.1	203.9	3.49	7.44	3.25 YES
L0023411	0	0.27170E-05	442512.9	3760466.1	203.8	3.49	7.44	3.25 YES
L0023412	0	0.27170E-05	442528.9	3760466.1	203.8	3.49	7.44	3.25 YES
L0023413	0	0.27170E-05	442544.9	3760466.1	203.8	3.49	7.44	3.25 YES
L0023414	0	0.27170E-05	442560.9	3760466.1	203.8	3.49	7.44	3.25 YES
L0023415	0	0.27170E-05	442576.9	3760466.1	203.8	3.49	7.44	3.25 YES
L0023416	0	0.27170E-05	442592.9	3760466.2	203.8	3.49	7.44	3.25 YES
L0023417	0	0.27170E-05	442608.9	3760466.2	203.8	3.49	7.44	3.25 YES
L0023418	0	0.27170E-05	442624.9	3760466.2	203.8	3.49	7.44	3.25 YES
L0023419	0	0.27170E-05	442640.9	3760466.2	203.8	3.49	7.44	3.25 YES
L0023420	0	0.27170E-05	442656.9	3760466.2	203.8	3.49	7.44	3.25 YES

 L0023421   0   0.27170E-05 442672.9 3760466.2   203.8   3.49   7.44
3.25   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

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

 L0023422   0   0.27170E-05 442688.9 3760466.2   203.8   3.49   7.44
3.25   YES
 L0023423   0   0.27170E-05 442704.9 3760466.3   203.8   3.49   7.44
3.25   YES
 L0023424   0   0.27170E-05 442720.9 3760466.3   203.8   3.49   7.44
3.25   YES
 L0023425   0   0.27170E-05 442736.9 3760466.3   203.8   3.49   7.44
3.25   YES
 L0023426   0   0.27170E-05 442752.9 3760466.3   203.8   3.49   7.44
3.25   YES
 L0023427   0   0.27170E-05 442768.9 3760466.3   203.8   3.49   7.44
3.25   YES
 L0023428   0   0.27170E-05 442784.9 3760466.3   203.8   3.49   7.44
3.25   YES
 L0023429   0   0.27170E-05 442800.9 3760466.3   203.8   3.49   7.44
3.25   YES
 L0023430   0   0.27170E-05 442816.9 3760466.4   203.8   3.49   7.44
3.25   YES
 L0023431   0   0.27170E-05 442832.9 3760466.4   203.9   3.49   7.44
3.25   YES
 L0023432   0   0.27170E-05 442848.9 3760466.4   203.9   3.49   7.44
3.25   YES
 L0023433   0   0.27170E-05 442864.9 3760466.4   203.9   3.49   7.44
3.25   YES
 L0023434   0   0.27170E-05 442880.9 3760466.4   203.9   3.49   7.44
3.25   YES

L0023435	0	0.27170E-05	442896.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0023436	0	0.27170E-05	442912.9	3760466.4	203.9	3.49	7.44	3.25 YES
L0023437	0	0.27170E-05	442928.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0023438	0	0.27170E-05	442944.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0023439	0	0.27170E-05	442960.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0023440	0	0.27170E-05	442976.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0023441	0	0.27170E-05	442992.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0023442	0	0.27170E-05	443008.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0023443	0	0.27170E-05	443024.9	3760466.5	203.9	3.49	7.44	3.25 YES
L0023444	0	0.27170E-05	443040.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0023445	0	0.27170E-05	443056.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0023446	0	0.27170E-05	443072.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0023447	0	0.27170E-05	443088.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0023448	0	0.27170E-05	443104.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0023449	0	0.27170E-05	443120.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0023450	0	0.27170E-05	443136.9	3760466.6	203.9	3.49	7.44	3.25 YES
L0023451	0	0.27170E-05	443152.9	3760466.7	203.9	3.49	7.44	3.25 YES
L0023452	0	0.27170E-05	443168.9	3760466.7	203.9	3.49	7.44	3.25 YES
L0023453	0	0.27170E-05	443184.9	3760466.7	203.9	3.49	7.44	3.25 YES
L0023454	0	0.27170E-05	443200.9	3760466.7	203.9	3.49	7.44	3.25 YES
L0023455	0	0.27170E-05	443216.9	3760466.7	203.9	3.49	7.44	3.25 YES
L0023456	0	0.27170E-05	443232.9	3760466.7	203.9	3.49	7.44	3.25 YES
L0023457	0	0.27170E-05	443248.9	3760466.7	203.9	3.49	7.44	3.25 YES
L0023458	0	0.27170E-05	443264.9	3760466.8	203.9	3.49	7.44	3.25 YES

```
 L0023459         0   0.27170E-05  443280.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0023460         0   0.27170E-05  443296.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0023461         0   0.27170E-05  443312.9 3760466.8   203.9     3.49     7.44
3.25     YES
```



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


                                                        *** VOLUME SOURCE DATA ***

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

 L0023462         0   0.27170E-05  443328.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0023463         0   0.27170E-05  443344.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0023464         0   0.27170E-05  443360.9 3760466.8   203.9     3.49     7.44
3.25     YES
 L0023465         0   0.27170E-05  443376.9 3760466.9   203.9     3.49     7.44
3.25     YES
 L0023466         0   0.27170E-05  443392.9 3760466.9   203.9     3.49     7.44
3.25     YES
 L0023467         0   0.27170E-05  443408.9 3760466.9   203.9     3.49     7.44
3.25     YES
 L0023468         0   0.27170E-05  443424.9 3760466.9   203.9     3.49     7.44
3.25     YES
 L0023469         0   0.27170E-05  443440.9 3760466.9   203.9     3.49     7.44
3.25     YES
 L0023470         0   0.27170E-05  443456.9 3760466.9   203.9     3.49     7.44
3.25     YES
 L0023471         0   0.27170E-05  443472.9 3760466.9   203.9     3.49     7.44
3.25     YES
 L0023472         0   0.27170E-05  443488.9 3760467.0   203.9     3.49     7.44
3.25     YES
```

L0023473	0	0.27170E-05	443504.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0023474	0	0.27170E-05	443520.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0023475	0	0.27170E-05	443536.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0023476	0	0.27170E-05	443552.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0023477	0	0.27170E-05	443568.9	3760467.0	203.9	3.49	7.44	3.25 YES
L0023478	0	0.27170E-05	443584.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0023479	0	0.27170E-05	443600.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0023480	0	0.27170E-05	443616.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0023481	0	0.27170E-05	443632.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0023482	0	0.27170E-05	443648.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0023483	0	0.27170E-05	443664.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0023484	0	0.27170E-05	443680.9	3760467.1	203.9	3.49	7.44	3.25 YES
L0023485	0	0.27170E-05	443696.9	3760467.2	203.9	3.49	7.44	3.25 YES
L0023486	0	0.27170E-05	443712.9	3760467.2	203.9	3.49	7.44	3.25 YES
L0023487	0	0.27170E-05	443728.9	3760467.2	203.9	3.49	7.44	3.25 YES
L0023488	0	0.27170E-05	443744.9	3760467.2	204.2	3.49	7.44	3.25 YES
L0023489	0	0.27170E-05	443760.9	3760467.2	204.6	3.49	7.44	3.25 YES
L0023490	0	0.27170E-05	443776.9	3760467.2	205.0	3.49	7.44	3.25 YES
L0023491	0	0.27170E-05	443792.9	3760467.2	205.4	3.49	7.44	3.25 YES
L0023492	0	0.27170E-05	443808.9	3760467.3	205.8	3.49	7.44	3.25 YES
L0023493	0	0.27170E-05	443824.9	3760467.3	206.2	3.49	7.44	3.25 YES
L0023494	0	0.27170E-05	443840.9	3760467.3	206.7	3.49	7.44	3.25 YES
L0023495	0	0.27170E-05	443856.9	3760467.3	207.1	3.49	7.44	3.25 YES
L0023496	0	0.27170E-05	443872.9	3760467.3	207.5	3.49	7.44	3.25 YES

```
 L0023497         0   0.27170E-05  443888.9 3760467.3   207.9     3.49     7.44
3.25     YES
 L0023498         0   0.27170E-05  443904.9 3760467.3   207.9     3.49     7.44
3.25     YES
 L0023499         0   0.27170E-05  443920.9 3760467.4   207.9     3.49     7.44
3.25     YES
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:02:36
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```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                        *** AREA SOURCE DATA ***

               NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM
Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF AREA
OF AREA   OF AREA     SZ     SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   (DEG.)  (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 AREA1            0   0.20878E-08  442990.5 3760487.9   204.0     4.11    197.61
647.40      0.00     0.00     YES
 AREA2            0   0.17620E-08  443199.4 3760484.2   204.0     4.11    383.92
651.17      0.00     0.00     YES
 AREA3            0   0.13323E-08  441995.9 3760828.0   201.7     4.11    781.65
298.93      0.00     0.00     YES
 AREA4            0   0.13464E-08  442000.3 3760482.6   199.9     4.11    775.01
312.22      0.00     0.00     YES
 AREA5            0   0.14037E-08  442797.4 3760495.9   204.0     4.11    197.07
635.51      0.00     0.00     YES
 AREA6            0   0.12824E-08  443625.6 3760489.2   204.0     4.11    314.43
653.22      0.00     0.00     YES
 AREA7            0   0.50172E-09  441989.2 3761133.6   203.5     4.11    786.08
115.14      0.00     0.00     YES
 AREA8            0   0.52754E-09  442797.4 3761138.0   206.8     4.11    190.43
117.36      0.00     0.00     YES
 AREA9            0   0.51185E-09  442990.1 3761138.0   206.0     4.11    192.64
119.57      0.00     0.00     YES
 AREA10           0   0.54376E-09  443200.4 3761144.7   205.2     4.11    374.22
110.72      0.00     0.00     YES
 AREA11           0   0.49081E-09  443623.4 3761144.7   206.0     4.11    318.86
121.79      0.00     0.00     YES
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 , AREA8 ,
	AREA9 , AREA10 , AREA11 , L0021462 , L0021463 , L0021464 , L0021465 , L0021466 ,
	L0021467 , L0021468 , L0021469 , L0021470 , L0021471 , L0021472 , L0021473 , L0021474 ,
	L0021475 , L0021476 , L0021477 , L0021478 , L0021479 , L0021480 , L0021481 , L0021482 ,
	L0021483 , L0021484 , L0021485 , L0021486 , L0021487 , L0021488 , L0021489 , L0021490 ,
	L0021491 , L0021492 , L0021493 , L0021494 , L0021495 , L0021496 , L0021497 , L0021498 ,
	L0021499 , L0021500 , L0021501 , L0021502 , L0021503 , L0021504 , L0021505 , L0021506 ,
	L0021507 , L0021508 , L0021509 , L0021510 , L0021511 , L0021512 , L0021513 , L0021514 ,
	L0021515 , L0021516 , L0021517 , L0021518 , L0021519 , L0021520 , L0021521 , L0021522 ,
	L0021523 , L0021524 , L0021525 , L0021526 , L0021527 , L0021528 , L0021529 , L0021530 ,
	L0021531 , L0021532 , L0021533 , L0021534 , L0021535 , L0021536 , L0021537 , L0021538 ,

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L0021592 , L0021593 , L0021594 ,

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L0021600 , L0021601 , L0021602 ,

L0021603 , L0021604 , L0021605 , L0021606 , L0021607 ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0021627 , L0021628 , L0021629 , L0021630 , L0021631 , L0021632 , L0021633 , L0021634 ,

L0021635 , L0021636 , L0021637 , L0021638 , L0021639 , L0021640 , L0021641 , L0021642 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0021803 , L0021804 , L0021805 , L0021806 , L0021807 , L0021808 , L0021809 , L0021810 ,

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L0021856    , L0021857    , L0021858    ,

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             L0021875    , L0021876    , L0021877    , L0021878    , L0021879    ,
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L0021896    , L0021897    , L0021898    ,

             L0021899    , L0021900    , L0021901    , L0021902    , L0021903    ,
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L0021912    , L0021913    , L0021914    ,

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L0021920    , L0021921    , L0021922    ,

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L0021928    , L0021929    , L0021930    ,
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                         ***        17:02:36

                                    PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
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 SRCGROUP ID                                          SOURCE IDs
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L0022088    , L0022089    , L0022090    ,
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                          SOURCE IDs
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             L0022091    , L0022092    , L0022093    , L0022094    , L0022095    ,
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L0022112    , L0022113    , L0022114    ,

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 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:02:36

                                  PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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                                                *** SOURCE IDs DEFINING SOURCE GROUPS
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 SRCGROUP ID                                              SOURCE IDs
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 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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↟ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC *** 01/10/20
*** AERMET - VERSION 16216 *** ***
*** 17:02:36

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS
***

SRCGROUP ID	SOURCE IDs

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
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 SRCGROUP ID   SOURCE IDs
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 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                         ***        17:02:36

                                    PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                              SOURCE IDs
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 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                         ***        17:02:36

                                    PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                 *** SOURCE IDs DEFINING SOURCE GROUPS
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SRCGROUP ID	SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	2035210.	AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 , AREA8 ,
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 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                         ***        17:02:36

                                    PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP                                    SOURCE IDs
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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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↟ *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:02:36

                                  PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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		L0021939 , L0021940 , L0021941 , L0021942 , L0021943 , L0021944 , L0021945 , L0021946 ,
		L0021947 , L0021948 , L0021949 , L0021950 , L0021951 , L0021952 , L0021953 , L0021954 ,
		L0021955 , L0021956 , L0021957 , L0021958 , L0021959 , L0021960 , L0021961 , L0021962 ,
		L0021963 , L0021964 , L0021965 , L0021966 , L0021967 , L0021968 , L0021969 , L0021970 ,
		L0021971 , L0021972 , L0021973 , L0021974 , L0021975 , L0021976 , L0021977 , L0021978 ,
		L0021979 , L0021980 , L0021981 , L0021982 , L0021983 , L0021984 , L0021985 , L0021986 ,
		L0021987 , L0021988 , L0021989 , L0021990 , L0021991 , L0021992 , L0021993 , L0021994 ,
		L0021995 , L0021996 , L0021997 , L0021998 , L0021999 , L0022000 , L0022001 , L0022002 ,
		L0022003 , L0022004 , L0022005 , L0022006 , L0022007 , L0022008 , L0022009 , L0022010 ,
		L0022011 , L0022012 , L0022013 , L0022014 , L0022015 , L0022016 , L0022017 , L0022018 ,
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		L0022027 , L0022028 , L0022029 , L0022030 , L0022031 , L0022032 , L0022033 , L0022034 ,
		L0022035 , L0022036 , L0022037 , L0022038 , L0022039 , L0022040 , L0022041 , L0022042 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0022091 , L0022092 , L0022093 , L0022094 , L0022095 ,
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L0022152    , L0022153    , L0022154    ,

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L0022168    , L0022169    , L0022170    ,

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 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
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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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		L0022307 , L0022308 , L0022309 , L0022310 , L0022311 , L0022312 , L0022313 , L0022314 ,
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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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↟ *** AERMOD - VERSION 19191 *** *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC *** 01/10/20
*** AERMET - VERSION 16216 *** ***
*** 17:02:36

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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L0022720    , L0022721    , L0022722    ,

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L0022728    , L0022729    , L0022730    ,
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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L0022763 , L0022764 , L0022765 , L0022766 , L0022767 , L0022768 , L0022769 , L0022770 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0022891 , L0022892 , L0022893 , L0022894 , L0022895 , L0022896 , L0022897 , L0022898 ,

L0022899 , L0022900 , L0022901 , L0022902 , L0022903 , L0022904 , L0022905 , L0022906 ,

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L0022915 , L0022916 , L0022917 , L0022918 , L0022919 , L0022920 , L0022921 , L0022922 ,

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L0022931 , L0022932 , L0022933 , L0022934 , L0022935 , L0022936 , L0022937 , L0022938 ,

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L0022968    , L0022969    , L0022970    ,

             L0022971    , L0022972    , L0022973    , L0022974    , L0022975    ,
L0022976    , L0022977    , L0022978    ,

             L0022979    , L0022980    , L0022981    , L0022982    , L0022983    ,
L0022984    , L0022985    , L0022986    ,

             L0022987    , L0022988    , L0022989    , L0022990    , L0022991    ,
L0022992    , L0022993    , L0022994    ,

             L0022995    , L0022996    , L0022997    , L0022998    , L0022999    ,
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L0023040    , L0023041    , L0023042    ,

             L0023043    , L0023044    , L0023045    , L0023046    , L0023047    ,
L0023048    , L0023049    , L0023050    ,
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                         ***        17:02:36

                                    PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

URBAN ID	URBAN POP	SOURCE IDs
		L0023051 , L0023052 , L0023053 , L0023054 , L0023055 , L0023056 , L0023057 , L0023058 ,
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		L0023075 , L0023076 , L0023077 , L0023078 , L0023079 , L0023080 , L0023081 , L0023082 ,
		L0023083 , L0023084 , L0023085 , L0023086 , L0023087 , L0023088 , L0023089 , L0023090 ,
		L0023091 , L0023092 , L0023093 , L0023094 , L0023095 , L0023096 , L0023097 , L0023098 ,
		L0023099 , L0023100 , L0023101 , L0023102 , L0023103 , L0023104 , L0023105 , L0023106 ,
		L0023107 , L0023108 , L0023109 , L0023110 , L0023111 , L0023112 , L0023113 , L0023114 ,
		L0023115 , L0023116 , L0023117 , L0023118 , L0023119 , L0023120 , L0023121 , L0023122 ,
		L0023123 , L0023124 , L0023125 , L0023126 , L0023127 , L0023128 , L0023129 , L0023130 ,
		L0023131 , L0023132 , L0023133 , L0023134 , L0023135 , L0023136 , L0023137 , L0023138 ,
		L0023139 , L0023140 , L0023141 , L0023142 , L0023143 , L0023144 , L0023145 , L0023146 ,
		L0023147 , L0023148 , L0023149 , L0023150 , L0023151 , L0023152 , L0023153 , L0023154 ,
		L0023155 , L0023156 , L0023157 , L0023158 , L0023159 , L0023160 , L0023161 , L0023162 ,
		L0023163 , L0023164 , L0023165 , L0023166 , L0023167 , L0023168 , L0023169 , L0023170 ,

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L0023208 , L0023209 , L0023210 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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L0023360 , L0023361 , L0023362 ,

L0023363 , L0023364 , L0023365 , L0023366 , L0023367 ,
L0023368 , L0023369 , L0023370 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
		L0023371 , L0023372 , L0023373 , L0023374 , L0023375 , L0023376 , L0023377 , L0023378 ,
		L0023379 , L0023380 , L0023381 , L0023382 , L0023383 , L0023384 , L0023385 , L0023386 ,
		L0023387 , L0023388 , L0023389 , L0023390 , L0023391 , L0023392 , L0023393 , L0023394 ,
		L0023395 , L0023396 , L0023397 , L0023398 , L0023399 , L0023400 , L0023401 , L0023402 ,
		L0023403 , L0023404 , L0023405 , L0023406 , L0023407 , L0023408 , L0023409 , L0023410 ,
		L0023411 , L0023412 , L0023413 , L0023414 , L0023415 , L0023416 , L0023417 , L0023418 ,
		L0023419 , L0023420 , L0023421 , L0023422 , L0023423 , L0023424 , L0023425 , L0023426 ,
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		L0023451 , L0023452 , L0023453 , L0023454 , L0023455 , L0023456 , L0023457 , L0023458 ,
		L0023459 , L0023460 , L0023461 , L0023462 , L0023463 , L0023464 , L0023465 , L0023466 ,
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             L0023491    , L0023492    , L0023493    , L0023494    , L0023495    ,
L0023496    , L0023497    , L0023498    ,

             L0023499    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
     ( 442032.3, 3761316.8,     208.2,     208.2,       0.0);         ( 441966.0,
3761227.0,     203.0,     203.0,       0.0);
     ( 441961.7, 3760816.6,     199.5,     199.5,       0.0);         ( 441959.1,
3760593.9,     197.8,     197.8,       0.0);
     ( 442439.0, 3760433.9,     204.3,     204.3,       0.0);         ( 443950.0,
3760446.0,     207.5,     207.5,       0.0);
     ( 443970.9, 3760748.7,     207.9,     207.9,       0.0);         ( 442994.6,
3761308.1,     207.0,     207.0,       0.0);
     ( 443971.5, 3760652.3,     207.0,     207.0,       0.0);         ( 442854.1,
3760416.5,     203.3,     203.3,       0.0);
     ( 442946.6, 3760418.1,     203.3,     203.3,       0.0);         ( 443057.6,
3760418.1,     203.3,     203.3,       0.0);
     ( 443140.1, 3760419.8,     203.4,     203.4,       0.0);         ( 443252.8,
3760423.2,     203.4,     203.4,       0.0);
     ( 443320.1, 3760423.2,     203.4,     203.4,       0.0);         ( 443417.7,
3760424.9,     203.4,     203.4,       0.0);
     ( 443517.0, 3760424.9,     203.4,     203.4,       0.0);         ( 442267.3,
3758597.0,     189.0,     189.0,       0.0);
     ( 445418.0, 3765343.3,     245.8,    2735.0,       0.0);         ( 446052.4,
3764637.6,     240.6,    2735.0,       0.0);
     ( 447239.8, 3764206.7,     240.6,    2735.0,       0.0);
```

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

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

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

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

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

Surface file: KCNO_V9_ADJU\KCNO_V9.SFC

Met Version: 16216
Profile file: KCNO_V9_ADJU\KCNO_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3179 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-2.3	0.067	-9.000	-9.000	-999.	41.	11.2	0.09	0.74	1.00	0.73	313.	7.9	279.2	2.0
12	01	01	1	02	-2.7	0.070	-9.000	-9.000	-999.	44.	11.3	0.09	0.74	1.00	0.80	342.	7.9	280.9	2.0
12	01	01	1	03	-5.6	0.098	-9.000	-9.000	-999.	73.	14.7	0.09	0.74	1.00	1.20	9.	7.9	281.4	2.0
12	01	01	1	04	-3.5	0.078	-9.000	-9.000	-999.	52.	11.9	0.09	0.74	1.00	0.94	21.	7.9	282.0	2.0
12	01	01	1	05	-8.4	0.119	-9.000	-9.000	-999.	99.	18.1	0.09	0.74	1.00	1.45	353.	7.9	279.9	2.0
12	01	01	1	06	-7.6	0.113	-9.000	-9.000	-999.	91.	17.0	0.09	0.74	1.00	1.38	325.	7.9	277.5	2.0
12	01	01	1	07	-8.0	0.117	-9.000	-9.000	-999.	96.	17.7	0.09	0.74	1.00	1.42	313.	7.9	281.4	2.0
12	01	01	1	08	-5.2	0.101	-9.000	-9.000	-999.	77.	17.5	0.09	0.74	0.53	1.23	19.	7.9	280.9	2.0
12	01	01	1	09	23.2	0.117	0.267	0.012	29.	97.	-6.2	0.09	0.74	0.31	0.96	318.	7.9	287.5	2.0
12	01	01	1	10	65.2	0.101	0.531	0.014	82.	77.	-1.4	0.09	0.74	0.24	0.63	244.	7.9	291.4	2.0
12	01	01	1	11	95.5	0.162	0.778	0.008	176.	156.	-4.0	0.09	0.74	0.21	1.23	91.	7.9	296.4	2.0
12	01	01	1	12	110.8	0.197	1.018	0.005	338.	209.	-6.1	0.09	0.74	0.20	1.60	90.	7.9	299.9	2.0
12	01	01	1	13	110.5	0.229	1.184	0.005	534.	262.	-9.6	0.09	0.74	0.20	1.98	92.	7.9	302.0	2.0
12	01	01	1	14	94.6	0.185	1.215	0.005	674.	191.	-5.9	0.09	0.74	0.21	1.50	73.	7.9	303.1	2.0
12	01	01	1	15	68.6	0.187	1.184	0.005	858.	194.	-8.4	0.09	0.74	0.25	1.59	64.	7.9	303.1	2.0
12	01	01	1	16	24.9	0.255	0.862	0.005	911.	308.	-58.8	0.09	0.74						

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0.34    2.61   92.    7.9  300.4    2.0
 12 01 01   1 17  -13.7  0.168 -9.000 -9.000 -999.  168.     31.1  0.09   0.74
0.62    1.98  107.    7.9  295.4    2.0
 12 01 01   1 18  -26.7  0.279 -9.000 -9.000 -999.  354.     85.6  0.09   0.74
1.00    3.22  134.    7.9  291.4    2.0
 12 01 01   1 19   -8.0  0.118 -9.000 -9.000 -999.  120.     18.2  0.09   0.74
1.00    1.43   37.    7.9  290.4    2.0
 12 01 01   1 20   -7.7  0.115 -9.000 -9.000 -999.   94.     17.6  0.09   0.74
1.00    1.40   49.    7.9  287.0    2.0
 12 01 01   1 21   -9.7  0.130 -9.000 -9.000 -999.  113.     20.2  0.09   0.74
1.00    1.57   26.    7.9  288.8    2.0
 12 01 01   1 22   -4.8  0.090 -9.000 -9.000 -999.   65.     13.6  0.09   0.74
1.00    1.11   56.    7.9  284.9    2.0
 12 01 01   1 23  -11.5  0.141 -9.000 -9.000 -999.  127.     21.9  0.09   0.74
1.00    1.69   36.    7.9  282.0    2.0
 12 01 01   1 24  -16.9  0.172 -9.000 -9.000 -999.  171.     32.4  0.09   0.74
1.00    2.03   33.    7.9  279.9    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    7.9 1  313.    0.73   279.3   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                  ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                         ***        17:02:36

                                    PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):     AREA1       , AREA2
 , AREA3       , AREA4       , AREA5       ,
                   AREA6       , AREA7       , AREA8       , AREA9       , AREA10
 , AREA11      , L0021462    , L0021463    ,
                   L0021464    , L0021465    , L0021466    , L0021467    , L0021468
 , L0021469    , L0021470    , L0021471    ,
                   L0021472    , L0021473    , L0021474    , L0021475    , L0021476
 , L0021477    , L0021478    ,  . . .      ,

                                                *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         442032.33    3761316.84        0.00250                     441966.02
3761227.01        0.00329
         441961.70    3760816.59        0.00733                     441959.10
3760593.88        0.00910
         442439.00    3760433.95        0.01970                     443950.05
3760445.99        0.01571
         443970.90    3760748.74        0.01453                     442994.61
3761308.08        0.00564
         443971.50    3760652.31        0.01461                     442854.06
3760416.46        0.01759
         442946.60    3760418.14        0.01845                     443057.64
3760418.14        0.01915
         443140.08    3760419.82        0.01957                     443252.81
3760423.19        0.02015
         443320.10    3760423.19        0.02004                     443417.69
3760424.87        0.02001
         443516.95    3760424.87        0.01925                     442267.32
3758596.97        0.00115
         445417.99    3765343.27        0.00074                     446052.41
3764637.60        0.00038
         447239.82    3764206.74        0.00036

 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                 ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:02:36

                                   PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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


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

```
ALL       1ST HIGHEST VALUE IS       0.02015 AT (  443252.81,  3760423.19,
203.41,   203.41,    0.00)  DC
          2ND HIGHEST VALUE IS       0.02004 AT (  443320.10,  3760423.19,
203.41,   203.41,    0.00)  DC
          3RD HIGHEST VALUE IS       0.02001 AT (  443417.69,  3760424.87,
203.43,   203.43,    0.00)  DC
          4TH HIGHEST VALUE IS       0.01970 AT (  442439.00,  3760433.95,
204.28,   204.28,    0.00)  DC
          5TH HIGHEST VALUE IS       0.01957 AT (  443140.08,  3760419.82,
203.36,   203.36,    0.00)  DC
          6TH HIGHEST VALUE IS       0.01925 AT (  443516.95,  3760424.87,
203.44,   203.44,    0.00)  DC
          7TH HIGHEST VALUE IS       0.01915 AT (  443057.64,  3760418.14,
203.34,   203.34,    0.00)  DC
          8TH HIGHEST VALUE IS       0.01845 AT (  442946.60,  3760418.14,
203.33,   203.33,    0.00)  DC
          9TH HIGHEST VALUE IS       0.01759 AT (  442854.06,  3760416.46,
203.31,   203.31,    0.00)  DC
         10TH HIGHEST VALUE IS       0.01571 AT (  443950.05,  3760445.99,
207.45,   207.45,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  19191 ***   *** C:\LAKES\AERMOD VIEW\12004 HRA\2026
HRA\2026 HRA.ISC                 ***        01/10/20
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:02:36

                                  PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of         1279 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          917 Calm Hours Identified

 A Total of          362 Missing Hours Identified (  0.83 Percent)
```

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


   ********   WARNING MESSAGES   ********
ME W186    4334       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
ME W187    4334       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

AVERAGE EMISSION FACTOR
SAN BERNARDINO 2022

Speed	LHD1	MHD	HHD
0	0.376835	0.110591	0.01646
5	0.033704	0.05133	0.04334
25	0.012224	0.025987	0.01821

Speed	Weighted Average Emissions
0	**0.08451**
5	**0.04266**
25	**0.01810**

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 PA4	174			0.0845	9.72	1.125E-04
On-Site Idling PA5	287			0.0845	16.03	1.856E-04
On-Site Travel PA4	348	137.74	0.0427		9.70	1.123E-04
On-Site Travel PA5	574	227.20	0.0427		16.01	1.853E-04
Off-Site Travel 20% to Euclid	184	920.29	0.0181		21.77	2.519E-04
Off-Site Travel 30% to SR-60	277	1268.27	0.0181		30.00	3.472E-04
Off-site Travel 50% to Archibald	461	358.67	0.0181		8.48	9.819E-05
Off-Site Travel 20% to I-15	184	661.17	0.0181		15.64	1.810E-04
Off-Site Travel 20% to SR-60	184	607.06	0.0181		14.36	1.662E-04
Off-Site Travel 10% to I-15	92	284.18	0.0181		6.72	7.780E-05
Off-Site Travel 100% on Merrill Ave.	922	1108.63	0.0181		26.22	3.035E-04

[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. Additionally, this colum includes idling from TRUs accessing the Project, it is assumed that TRUs would idle for up to 15 minutes.

EMFAC2017 (v1.0.2) Emissions Inventory
Region Type: County
Region: SAN BERNARDINO
Calendar Year: 2022
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population
SAN BERN	2022	HHDT	Aggregate	Aggregate	GAS	8.109229
SAN BERN	2022	HHDT	Aggregate	Aggregate	DSL	29107.97
SAN BERN	2022	HHDT	Aggregate	Aggregate	NG	1162.564
SAN BERN	2022	LHDT1	Aggregate	Aggregate	GAS	25305.85
SAN BERN	2022	LHDT1	Aggregate	Aggregate	DSL	23106.86
SAN BERN	2022	MHDT	Aggregate	Aggregate	GAS	2378.587
SAN BERN	2022	MHDT	Aggregate	Aggregate	DSL	17930.27

HHDT% GAS/NG	0.038663
HHDT% DSL	0.961337
LHDT1% GAS	0.522711
LHDT1% DSL	0.477289
MHDT% GAS	0.117121
MHDT% DSL	0.882879

AVERAGE EMISSION FACTOR
SAN BERNARDINO 2025

Speed	LHD1	MHD	HHD
0	0.388952	0.022533	0.01303
5	0.027133	0.005023	0.01278
25	0.010412	0.002631	0.00684

Speed	**Weighted Average Emissions**
0	**0.06934**
5	**0.01406**
25	**0.00691**

Emission Rates - 2025 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 PA4	174			0.0693	9.06	1.049E-04
On-Site Idling PA5	287			0.0693	14.95	1.730E-04
On-Site Idling PA1	281			0.0693	10.94	1.267E-04
On-Site Idling PA2	294			0.0693	11.45	1.325E-04
On-Site Idling PA3	163			0.0693	6.34	7.339E-05
On-Site Idling PA6	244			0.0693	9.50	1.100E-04
On-Site Travel PA4	348	137.74	0.0141		5.76	6.672E-05
On-Site Travel PA5	574	227.20	0.0141		9.51	1.101E-04
On-Site Travel PA1	561	272.25	0.0141		8.55	9.897E-05
On-Site Travel PA2	587	284.87	0.0141		8.95	1.036E-04
On-Site Travel PA3	325	128.64	0.0141		4.04	4.676E-05
On-Site Travel PA6	487	192.76	0.0141		6.05	7.007E-05
Off-Site Travel 20% to Euclid	576	2876.66	0.0069		31.78	3.679E-04
Off-Site Travel 30% to SR-60	865	3964.38	0.0069		43.80	5.070E-04
Off-site Travel 50% to Archibald	1441	1121.13	0.0069		12.39	1.434E-04
Off-Site Travel 20% to I-15	576	2066.68	0.0069		22.83	2.643E-04
Off-Site Travel 20% to SR-60	576	1897.56	0.0069		20.97	2.427E-04
Off-Site Travel 10% to I-15	288	888.29	0.0069		9.81	1.136E-04
Off-Site Travel 100% on Merrill Ave.	2882	3465.36	0.0069		38.29	4.431E-04

[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. Additionally, this colum includes idling from TRUs accessing the Project, it is assumed that TRUs would idle for up to 15 minutes.

EMFAC2017 (v1.0.2) Emissions Inventory
Region Type: County
Region: SAN BERNARDINO
Calendar Year: 2025
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population
SAN BERN	2025	HHDT	Aggregate	Aggregate	GAS	7.324479
SAN BERN	2025	HHDT	Aggregate	Aggregate	DSL	30979.2
SAN BERN	2025	HHDT	Aggregate	Aggregate	NG	1202.195
SAN BERN	2025	LHDT1	Aggregate	Aggregate	GAS	23898.66
SAN BERN	2025	LHDT1	Aggregate	Aggregate	DSL	23321.01
SAN BERN	2025	MHDT	Aggregate	Aggregate	GAS	2473.143
SAN BERN	2025	MHDT	Aggregate	Aggregate	DSL	19485.85

HHDT% GAS/NG	0.037576
HHDT% DSL	0.962424
LHDT1% GAS	0.506117
LHDT1% DSL	0.493883
MHDT% GAS	0.112626
MHDT% DSL	0.887374

AVERAGE EMISSION FACTOR
SAN BERNARDINO 2026

Speed	LHD1	MHD	HHD
0	0.392004	0.019625	0.01267
5	0.025046	0.004951	0.01258
25	0.009815	0.002621	0.00677

Speed	**Weighted Average Emissions**
0	**0.07044**
5	**0.01364**
25	**0.00678**

Emission Rates - 2026 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 PA4	174			0.0704	9.11	1.054E-04
On-Site Idling PA5	287			0.0704	15.02	1.739E-04
On-Site Idling PA1	281			0.0704	11.02	1.276E-04
On-Site Idling PA2	294			0.0704	11.53	1.335E-04
On-Site Idling PA3	163			0.0704	6.39	7.391E-05
On-Site Idling PA6	244			0.0704	9.57	1.107E-04
On-Site Travel PA4	348	137.74	0.0136		5.71	6.604E-05
On-Site Travel PA5	574	227.20	0.0136		9.41	1.089E-04
On-Site Travel PA1	561	272.25	0.0136		8.43	9.763E-05
On-Site Travel PA2	587	284.87	0.0136		8.83	1.022E-04
On-Site Travel PA3	325	128.64	0.0136		3.99	4.613E-05
On-Site Travel PA6	487	192.76	0.0136		5.97	6.912E-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. Additionally, this colum includes idling from TRUs accessing the Project, it is assumed that TRUs would idle for up to 15 minutes.

AVERAGE EMISSION FACTOR
SAN BERNARDINO 2026

Speed	LHD1	MHD	HHD
0	0.392004	0.019625	0.01267
5	0.025046	0.004951	0.01258
25	0.009815	0.002621	0.00677

Speed	**Weighted Average Emissions**
0	**0.07834**
5	**0.01309**
25	**0.00642**

Emission Rates - 2026 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 PA1A	131			0.0783	2.57	2.970E-05
On-Site Idling PA3A	34			0.0783	0.67	7.707E-06
On-Site Idling PA4A	34			0.0783	0.67	7.707E-06
On-Site Idling PA5A	65			0.0783	1.27	1.473E-05
On-Site Idling PA6A	55			0.0783	1.08	1.247E-05
On-Site Travel PA1A	262	103.70	0.0131		1.36	1.571E-05
On-Site Travel PA3A	68	26.92	0.0131		0.35	4.078E-06
On-Site Travel PA4A	68	26.92	0.0131		0.35	4.078E-06
On-Site Travel PA5A	130	51.46	0.0131		0.67	7.796E-06
On-Site Travel PA6A	110	43.54	0.0131		0.57	6.597E-06

[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. Additionally, this colum includes idling from TRUs accessing the Project, it is assumed that TRUs would idle for up to 15 minutes.

AVERAGE EMISSION FACTOR
SAN BERNARDINO 2026

Speed	LHD1	MHD	HHD
0	0.392004	0.019625	0.01267
5	0.025046	0.004951	0.01258
25	0.009815	0.002621	0.00677

Speed	**Weighted Average Emissions**
0	**0.07086**
5	**0.01350**
25	**0.00671**

Emission Rates - 2026 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)
High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse						
On-Site Idling PA4	174			0.0704	9.11	1.054E-04
On-Site Idling PA5	287			0.0704	15.02	1.739E-04
On-Site Idling PA1	281			0.0704	11.02	1.276E-04
On-Site Idling PA2	294			0.0704	11.53	1.335E-04
On-Site Idling PA3	163			0.0704	6.39	7.391E-05
On-Site Idling PA6	244			0.0704	9.57	1.107E-04
On-Site Travel PA4	348	137.74	0.0136		13.97	1.617E-04
On-Site Travel PA5	574	227.20	0.0136		23.04	2.666E-04
On-Site Travel PA1	561	272.25	0.0136		15.88	1.838E-04
On-Site Travel PA2	587	284.87	0.0136		16.61	1.923E-04
On-Site Travel PA3	325	128.64	0.0136		8.80	1.019E-04
On-Site Travel PA6	487	192.76	0.0136		13.19	1.526E-04
Business Park						
On-Site Idling PA1A	131			0.0783	2.57	2.970E-05
On-Site Idling PA3A	34			0.0783	0.67	7.707E-06
On-Site Idling PA4A	34			0.0783	0.67	7.707E-06
On-Site Idling PA5A	65			0.0783	1.27	1.473E-05
On-Site Idling PA6A	55			0.0783	1.08	1.247E-05
On-Site Travel PA1A	262	103.70	0.0131		1.36	1.571E-05
On-Site Travel PA3A	68	26.92	0.0131		0.35	4.078E-06
On-Site Travel PA4A	68	26.92	0.0131		0.35	4.078E-06
On-Site Travel PA5A	130	51.46	0.0131		0.67	7.796E-06
On-Site Travel PA6A	110	43.54	0.0131		0.57	6.597E-06
High-Cube Fulfillment Center Warehouse/High-Cube Cold Storage Warehouse + Business Park						
Off-Site Travel 20% to Euclid	704	3514.47	0.0067		35.48	4.106E-04
Off-Site Travel 30% to SR-60	1056	4843.37	0.0067		32.49	3.761E-04
Off-site Travel 50% to Archibald	1761	1369.70	0.0067		9.19	1.063E-04
Off-Site Travel 20% to I-15	704	2524.91	0.0067		16.94	1.960E-04
Off-Site Travel 20% to SR-60	704	2318.29	0.0067		15.55	1.800E-04
Off-Site Travel 10% to I-15	352	1085.24	0.0067		7.28	8.426E-05
Off-Site Travel 100% on Merrill Ave.	3521	4233.70	0.0067		28.40	3.287E-04

[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. Additionally, this colum includes idling from TRUs accessing the Project, it is assumed that TRUs would idle for up to 15 minutes.

EMFAC2017 (v1.0.2) Emissions Inventory
Region Type: County
Region: SAN BERNARDINO
Calendar Year: 2026
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population
SAN BERN	2026	HHDT	Aggregate	Aggregate	GAS	7.352123
SAN BERN	2026	HHDT	Aggregate	Aggregate	DSL	31520.06
SAN BERN	2026	HHDT	Aggregate	Aggregate	NG	1206.437
SAN BERN	2026	LHDT1	Aggregate	Aggregate	GAS	23573.32
SAN BERN	2026	LHDT1	Aggregate	Aggregate	DSL	23360.85
SAN BERN	2026	MHDT	Aggregate	Aggregate	GAS	2514.325
SAN BERN	2026	MHDT	Aggregate	Aggregate	DSL	20254.96

HHDT% GAS/NG	0.037081
HHDT% DSL	0.962919
LHDT1% GAS	0.502263
LHDT1% DSL	0.497737
MHDT% GAS	0.110426
MHDT% DSL	0.889574

calendar_y	season_mo	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2026	Annual	San Bernar	HHDT	Dsl	60	70	RUNEX	5	PM10	0.013069
2026	Annual	San Bernar	HHDT	Dsl	60	70	RUNEX	25	PM10	0.007033
2026	Annual	San Bernar	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.050321
2026	Annual	San Bernar	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.019719
2026	Annual	San Bernar	MHDT	Dsl	60	70	RUNEX	5	PM10	0.005566
2026	Annual	San Bernar	MHDT	Dsl	60	70	RUNEX	25	PM10	0.002946
2026	Annual	San Bernar	HHDT	Dsl			IDLEX		PM10	0.013156
2026	Annual	San Bernar	LHDT1	Dsl			IDLEX		PM10	0.787573
2026	Annual	San Bernar	MHDT	Dsl			IDLEX		PM10	0.022062

Idling / TRU Unmitigated

Emission Factor:		
TRU EF	0.12	g/bhp-hr
TRU HP	23	HP
TRU Load Factor	0.46	
TRU EF @23 HP and 0.53 LF	1.2696	g/idle-hr
Emission Factor:		
TRU EF	0.01	g/bhp-hr
TRU HP	34	HP
TRU Load Factor	0.53	
TRU EF @34 HP and 0.53 LF	0.1802	g/idle-hr
Emission Factor:		
Weighted Avg TRU EF (60% 25+ HP, 40% <25 HP)	0.61596	g/idle-hr

Idling / TRU Unmitigated

Emission Factor:		
TRU EF	0.12	g/bhp-hr
TRU HP	23	HP
TRU Load Factor	0.46	
TRU EF @23 HP and 0.53 LF	1.2696	g/idle-hr
Emission Factor:		
TRU EF	0.01	g/bhp-hr
TRU HP	34	HP
TRU Load Factor	0.53	
TRU EF @34 HP and 0.53 LF	0.1802	g/idle-hr
Emission Factor:		
Weighted Avg TRU EF (60% 25+ HP, 40% <25 HP)	0.61596	g/idle-hr

Idling / TRU Unmitigated

Emission Factor:		
TRU EF	0.12	g/bhp-hr
TRU HP	23	HP
TRU Load Factor	0.46	
TRU EF @23 HP and 0.53 LF	1.2696	g/idle-hr
Emission Factor:		
TRU EF	0.01	g/bhp-hr
TRU HP	34	HP
TRU Load Factor	0.53	
TRU EF @34 HP and 0.53 LF	0.1802	g/idle-hr
Emission Factor:		
Weighted Avg TRU EF (60% 25+ HP, 40% <25 HP)	0.61596	g/idle-hr

APPENDIX 2.2:

RISK CALCULATIONS

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

Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.01461	1.46E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-06	1.6E-07	5.0E+00	1.4E-03	2.9E-03							
TOTAL								1.6E-07			2.9E-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

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	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.01461	1.46E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-05	3.9E-06	5.0E+00	1.4E-03	2.9E-03							
TOTAL								3.9E-06			2.9E-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

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	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.01937	1.94E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-05	4.8E-06	5.0E+00	1.4E-03	3.9E-03							
TOTAL								4.8E-06			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

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	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**								
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(ug/m^3)	(mg/m^3)			(ug/m^3)$^{-1}$	(mg/kg/day)$^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.01213	1.21E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-06	4.7E-07	5.0E+00	1.4E-03	2.4E-03							
TOTAL								4.7E-07			2.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
								0.47										

** 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) 9.34

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**									
						URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
		(ug/m^3)	(mg/m^3)			($ug/m^3)^{-1}$	$(mg/kg/day)^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	Diesel Particulates	1.95E-02	1.95E-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								1.1E-06			3.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
									1.15										

** 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)	250
exposure duration (years)	25
inhalation rate (L/kg-day))	230
inhalation absorption factor	1
averaging time (years)	70

Table 6
Quantification of Carcinogenic Risks and Noncarcinogenic Risks
9-Year School Child Exposure Scenario

	Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
						URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
		(ug/m^3)	(mg/m^3)			($ug/m^3)^{-1}$	$(mg/kg/day)^{-1}$	(mg/kg-day)		(ug/m^3)	(mg/kg/day)								
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	Diesel Particulates	7.32E-04	7.32E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-07	8.4E-08	5.0E+00	1.4E-03	1.5E-04							
	TOTAL								8.4E-08			1.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
									0.08										

** 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)	180
exposure duration (years)	9
inhalation rate (L/kg-day))	572
inhalation absorption factor	1
averaging time (years)	70
age sensitivity factor (ages 4-13)	3