



Beaumont Pointe

MOBILE SOURCE HEALTH RISK ASSESSMENT

CITY OF BEAUMONT

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12397-09 HRA Report

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LIST OF ABBREVIATED TERMS

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

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EXECUTIVE SUMMARY

This report evaluates the potential health risk impacts to sensitive receptors (which, for this Project, are residents) and adjacent workers associated with the development of the proposed Project. More specifically, this report evaluates health risk impacts because of exposure to Toxic Air Contaminants (TACs), specifically diesel particulate matter (DPM), which is the primary TAC emitted by the Project as a result of heavy-duty diesel trucks and equipment accessing the site during construction and operational activity. This section summarizes the significance criteria and Project health risks.

The results of the health risk assessment (HRA) of lifetime cancer risk and non-cancer hazard indices from Project-generated DPM emissions are provided in Table ES-1, ES-2, and ES-3 below

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction DPM source emissions is Location R4, which represents the existing residence at 14157 Bosana Lane, approximately 1,151 feet north of the Project site. At this maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 0.47 in one million, which is less than the South Coast Air Quality Management District's (SCAQMD's) significance threshold of 10 in one million. At this same location, non-cancer health risks were estimated to be ≤ 0.01 , 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 people in adjacent land uses as a result of Project construction activity. All other receptors during construction activity (even if they are located at a nearer distance to the site) would experience less risk than what is identified for the MEIR due to modeled meteorological conditions, source locations, and relative spatial distance from emission sources to other receptor locations.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project DPM source emissions is Location R4, which represents the existing residence at 14157 Bosana Lane, approximately 1,151 feet north of the Project site. At this MEIR, the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 0.86 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer health risks were estimated to be <0.01 , which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to nearby residences. All other receptors during operational activity (even if they are located at a nearer distance to the site) would experience less concentration and consequently less risk than what is identified for the MEIR due to modeled meteorological conditions, source locations, and relative spatial distance from emission sources to other receptor locations.

Worker Exposure Scenario:

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is Location R6, which represents the Hidden Canyon Industrial Building 2, approximately 305 feet east of the Project site. R6 is placed at the building façade where a worker could remain for a typical workday. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.23 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer health risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. All other receptors during operational activity (even if they are located at a nearer distance to the site) would experience less concentration and consequently less risk than what is identified for the MEIW due to modeled meteorological conditions, source locations, and relative spatial distance from emission sources to other receptor locations.

School Child Exposure Scenario:

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

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

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

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

COMBINED CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction and operational DPM source emissions is Location R4. At the MEIR, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 1.33 in one million, which is less than the threshold of 10 in one million. At this same location, non-cancer health risks were estimated to be ≤ 0.01, 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 land uses as a result of Project construction and operational activity. All other receptors during operational activity (even if they are located at a nearer distance to the site) would experience less concentration and consequently less risk than what is identified for the MEIR due to modeled meteorological conditions, source locations, and relative spatial distance from emission sources to other receptor locations.

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

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
5 Year Exposure	Maximum Exposed Sensitive Receptor	0.47	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO

TABLE ES-2: SUMMARY OF OPERATIONAL CANCER AND NON-CANCER HEALTH RISKS

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
30 Year Exposure	Maximum Exposed Individual Receptor	0.86	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor	0.23	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor	<0.01	1.0	NO
Annual Average	Maximum Exposed Worker Receptor	<0.01	1.0	NO

TABLE ES-3: SUMMARY OF COMBINED CONSTRUCTION AND OPERATIONAL CANCER AND NON-CANCER HEALTH 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	1.33	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO

1 INTRODUCTION

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

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

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

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

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

1.1 SITE LOCATION

The proposed Beaumont Pointe site is a 539.9 acre property located south of the State Route 60 (SR-60) Freeway at Jack Rabbit Trail, in the City of Beaumont's sphere of influence, as shown on Exhibit 1-A. Existing land uses near the site consist mostly of vacant land with some nearby residential homes located north across SR-60.

1.2 PROJECT DESCRIPTION

As shown in Exhibit 1-B, the Project is proposed to consist of a maximum of 246,000 square feet (sf) of general commercial uses in addition to a 125-room hotel and a maximum of 5,000,000 sf of industrial uses comprised of 4,500,000 sf of high-cube fulfillment center use and 500,000 sf of general light industrial use. The Project would provide 128.8 acres of open space to accommodate landscaped manufactured slopes, fuel modification areas, and natural open space as a buffer to adjacent conservation area and 134.7 acres of open space – conservation. The open space – conservation area would be preserved as natural habitat as required by the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). Associated improvements to the Project site would include, but are not limited to, paved roads, paved parking areas, drive aisles, truck courts, utility infrastructure, landscaping, water quality basins, signage, lighting, property walls, gates, solar photovoltaic (PV) systems comprising at least 20% of energy for the completed project, and fencing, including perimeter fencing for the Project site. For the purposes of this analysis, potential impacts have been assessed for three (3) development phases. These phases and their anticipated opening years are as follows:

- Phase 1 = 1,379,191 square feet of high-cube fulfillment center warehouse use (Opening Year 2023)
- Phase 1 + Phase 2 = 4,500,000 square feet of high-cube fulfillment center warehouse use and 500,000 square feet of general light industrial use (Opening Year 2025)
- Phase 3/Project Buildout = 4,500,000 square feet of high-cube fulfillment center warehouse use, 500,000 square feet of general light industrial use, and all uses within the general commercial area (Opening Year 2027)

As summarized in the *Jack Rabbit Trail Specific Plan Traffic Analysis* (TA) prepared by Urban Crossroads, Inc., Phase 1 of the Project is expected to generate a total of approximately 2,938 two-way trips per day which include 2,414 passenger cars two-way trips per day and 524 truck two-way trips per day. At Phase 2, the Project is anticipated to generate a total of 12,066 two-way trips per day which include 9,826 passenger cars two-way trips per day and 2,240 truck two-way trips per day. At Project Buildout, the Project will generate a total of 16,266 two-way trips per day which include 14,026 passenger cars two-way trips per day and 2,240 two-way truck trips per day (4). This study relies on the actual Project trips (as opposed to the passenger car equivalents) to account for the effect of individual truck trips on the study area roadway network.

EXHIBIT 1-A: LOCATION MAP

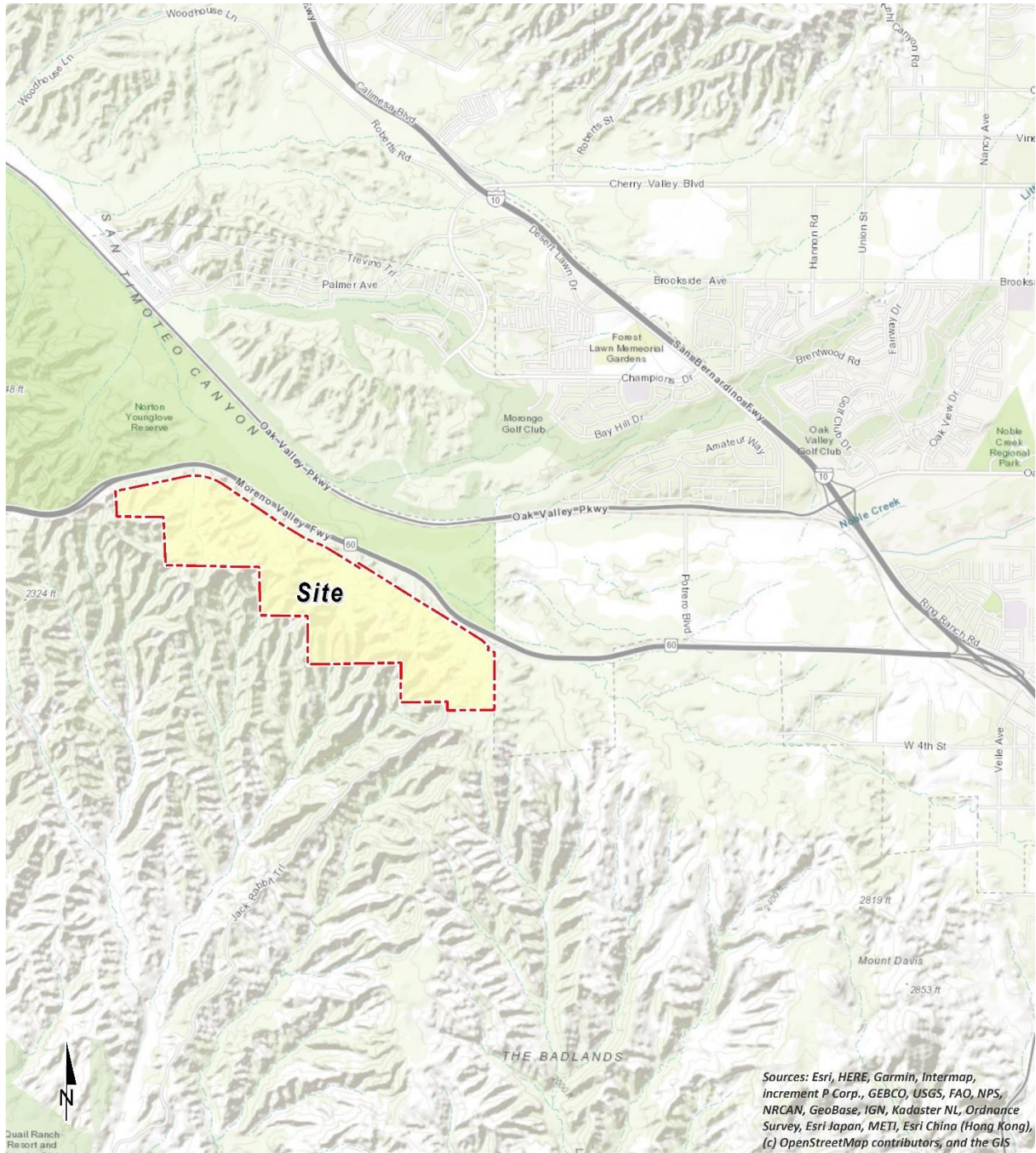
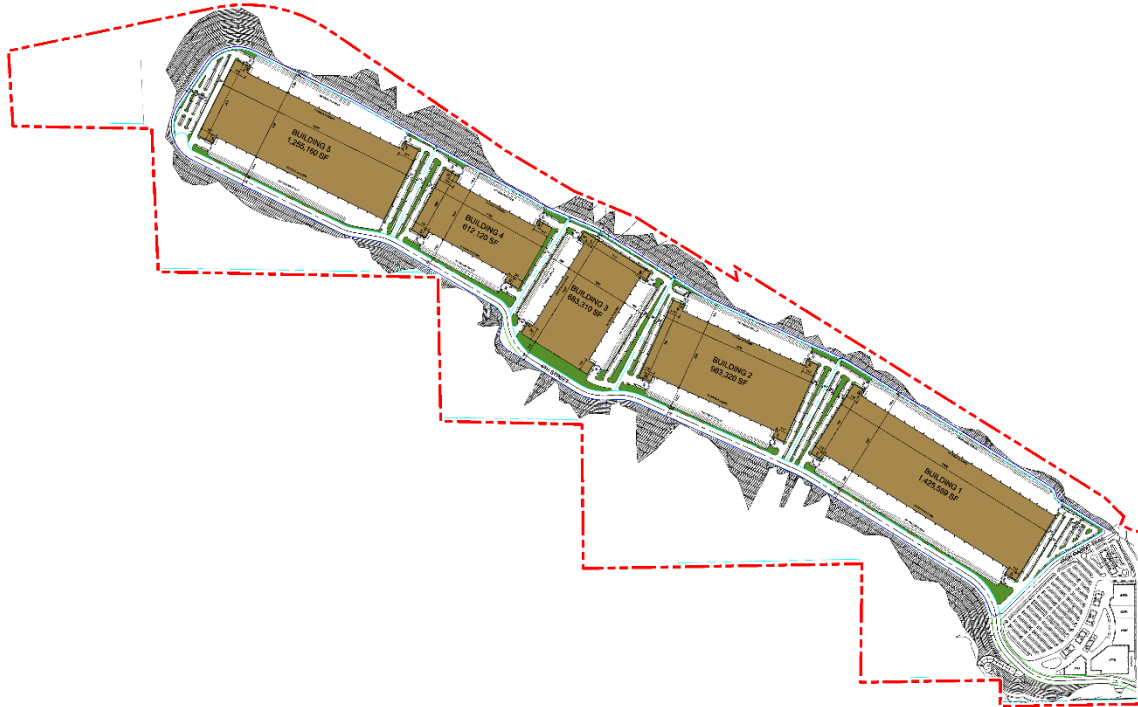


EXHIBIT 1-B: SITE PLAN



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2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

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

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

2.2 CONSTRUCTION HEALTH RISK ASSESSMENT

2.2.1 EMISSIONS CALCULATIONS

The emissions calculations for the construction HRA component are based on an assumed mix of construction equipment and hauling activity as presented in the *Beaumont Pointe Air Quality Analysis* ("technical study") prepared by Urban Crossroads, Inc. (5)

Construction related DPM emissions are expected to occur primarily as a function of heavy-duty construction equipment that would be operating on-site.

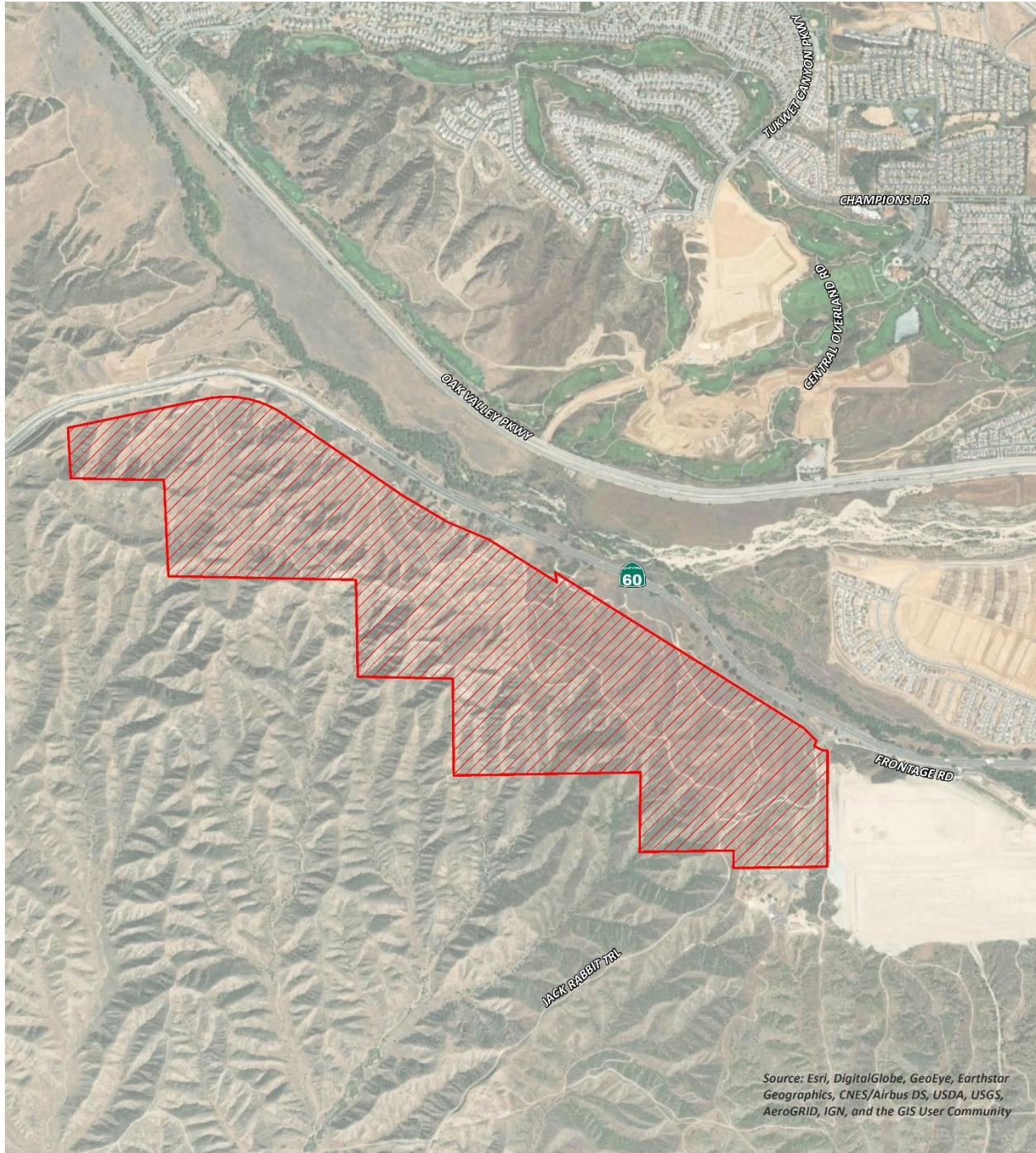
As discussed in the technical study, the Project would result in approximately 1,735 total working-days for construction activity. The construction duration by phase is shown on Table 2-1. A detailed summary of construction equipment assumptions by phase and additional construction details are included in the technical study. The modeled emission sources for construction activity are illustrated on Exhibit 2-A and conservatively includes the whole site.

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

TABLE 2-1: CONSTRUCTION DURATION

Phase	Area	Construction Activity	Start Date	End Date	Days
Phase 1	Industrial Building 1	Grading	05/02/2022	04/01/2023	240
		Building Construction	09/01/2022	12/29/2023	347
		Paving	07/01/2023	12/29/2023	130
		Architectural Coating	01/01/2023	12/29/2023	260
Phase 2	Industrial Buildings 2 & 3	Grading	06/01/2023	06/05/2024	265
		Building Construction	09/01/2023	12/31/2025	609
		Paving	01/20/2025	12/31/2025	248
		Architectural Coating	02/07/2024	12/31/2025	496
Phase 3	Industrial Buildings 4 & 5	Grading	06/03/2024	6/13/2025	270
		Building Construction	09/02/2024	7/31/2026	500
		Paving	12/16/2025	7/31/2026	164
		Architectural Coating	04/30/2025	7/31/2026	328
	Commercial Buildings	Building Construction	08/01/2026	01/31/2027	130
		Paving	12/20/2026	01/31/2027	30
		Architectural Coating	11/07/2026	01/31/2027	60

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES



LEGEND:

 Construction Activity

2.3 EMISSIONS ESTIMATION

2.3.1 ON-SITE AND OFF-SITE TRUCK ACTIVITY

Vehicle DPM emissions were calculated using emission factors for particulate matter less than 10 μ m in diameter (PM₁₀) generated with the 2017 version of the Emission FACTor model (EMFAC) developed by the CARB. EMFAC 2017 is a mathematical model that CARB developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the ARB to project changes in future emissions from on-road mobile sources (6). 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 PM₁₀ emission factors were generated by running EMFAC 2017 in EMFAC Mode for vehicles in the Riverside County jurisdiction. The EMFAC Mode generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of temperature, relative humidity, and vehicle speed. The model was run for speeds traveled in the vicinity of the Project. The vehicle travel speeds for each segment modeled are summarized below.

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

Calculated emission factors are shown at Table 2-1. As a conservative measure, a 2023 EMFAC 2017 run was conducted and a static 2023 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2023 emission factors would overstate potential impacts since this approach assumes that emission factors remain “static” and do not change over time due to fleet turnover or cleaner technology with lower emissions that would be incorporated into vehicles after 2023. Additionally, based on EMFAC 2017, the percentage of trucks by vehicle class that are diesel powered is as follows. Light-Heavy-Duty Trucks are comprised of 49% diesel, Medium-Heavy-Duty Trucks are comprised of 88% diesel, and Heavy-Heavy-Duty Trucks are comprised of 98% diesel. Trucks fueled by diesel are accounted for by these percentages accordingly in the emissions factor generation. Appendix 2.1 includes additional details on the emissions estimates from EMFAC.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM₁₀ emission factor (g/VMT) from EMFAC over the total distance traveled. The following equation was used to

estimate off-site emissions for each of the different vehicle classes comprising the mobile sources (7):

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

Where:

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

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

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

Similar to off-site traffic, on-site vehicle running emissions were calculated by applying the running exhaust PM₁₀ emission factor (g/VMT) from EMFAC and the total vehicle trip number over the length of the driving path using the same formula presented above for on-site emissions. In addition, on-site vehicle idling exhaust emissions were calculated by applying the idle exhaust PM₁₀ emission factor (g/idle-hr) from EMFAC and the total truck trip over the total assumed idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes (7):

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

Where:

$\text{Emissions}_{\text{idle}}$ (g/s): Vehicle emissions during idling;

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

TABLE 2-1: 2023 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Speed	Weighted Average
0 (idling)	0.08229 (g/idle-hr)
5	0.01528 (g/s)
25	0.00708 (g/s)

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

of the primary source of emissions (1) (in the case of the Project, the primary source of emissions is the on-site idling and on-site travel).

On-site truck idling was estimated to occur as trucks enter and travel through the Project site. Although the Project's diesel-fueled truck and equipment operators will be required by State law to comply with CARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions be calculated assuming 15 minutes of truck idling (8), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc. As such, this analysis calculates truck idling at 15 minutes, consistent with SCAQMD's recommendation.

As summarized in the *TA* prepared by Urban Crossroads, Inc. the Project is expected to generate a total of approximately 2,240 two-way truck trips per day (1,120 inbound and 1,120 outbound) (4). DPM-related impacts are associated with diesel exhaust from the 2,240 two-way truck trips per day including up to 74 two-way TRU truck trips per day generated by the Project (9).

EXHIBIT 2-A: MODELED EMISSION SOURCES

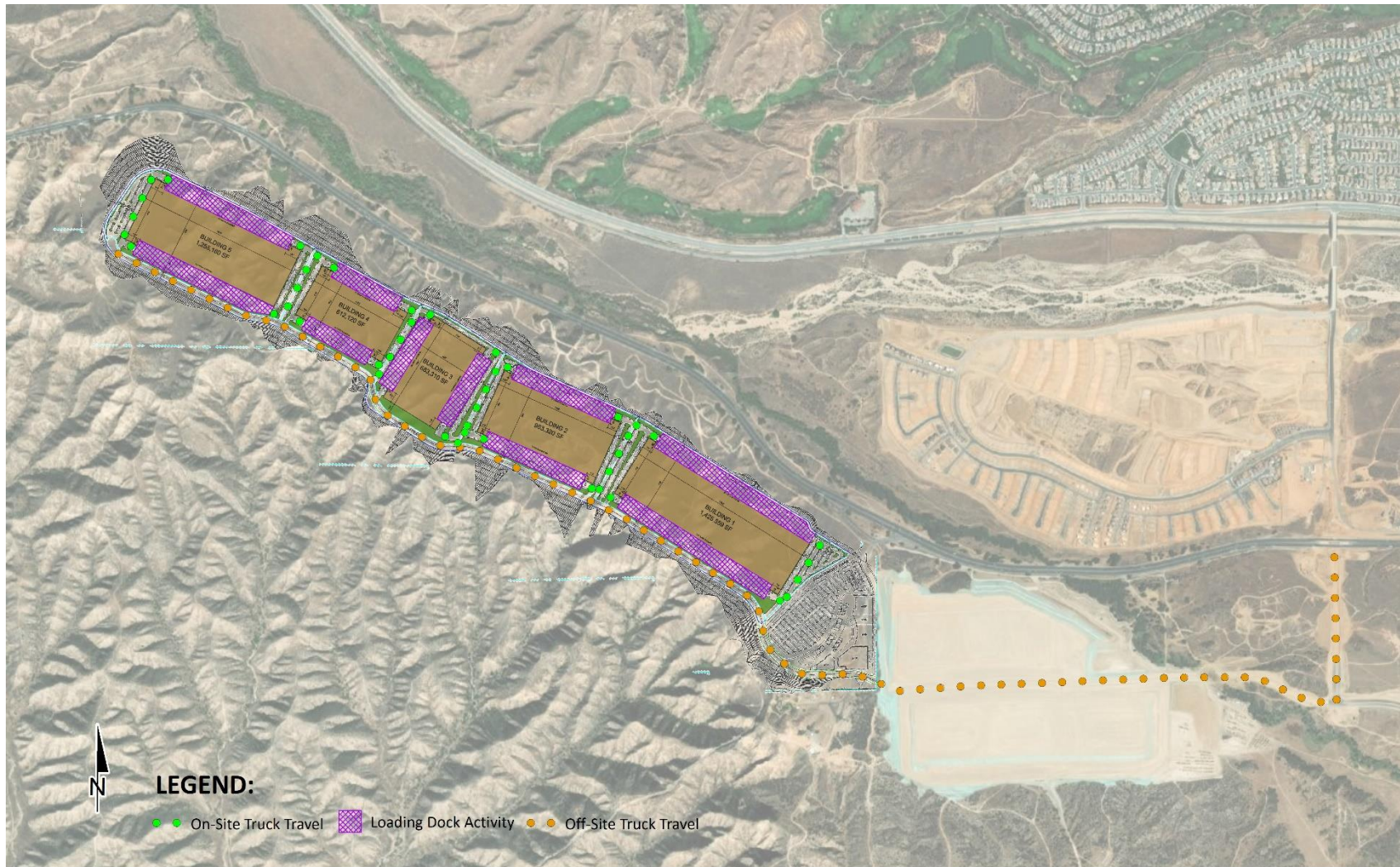


TABLE 2-2: DPM EMISSIONS FROM PROJECT TRUCKS (2023 ANALYSIS YEAR)

Truck Emission Rates						
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Truck Emission Rate ^b (grams/idle-hour)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling Building 1 (North)	161			0.0823	5.41	6.261E-05
On-Site Idling Building 1 (South)	161			0.0823	5.41	6.261E-05
On-Site Idling Building 2 (North)	111			0.0823	2.28	2.644E-05
On-Site Idling Building 2 (South)	111			0.0823	2.28	2.644E-05
On-Site Idling Building 3 (West)	77			0.0823	1.59	1.837E-05
On-Site Idling Building 3 (East)	77			0.0823	1.59	1.837E-05
On-Site Idling Building 4 (North)	69			0.0823	1.42	1.646E-05
On-Site Idling Building 4 (South)	69			0.0823	1.42	1.646E-05
On-Site Idling Building 5 (North)	142			0.0823	2.92	3.375E-05
On-Site Idling Building 5 (South)	142			0.0823	2.92	3.375E-05
On-Site Travel Building 1 (North)	322	239.69	0.0153		4.91	5.685E-05
On-Site Travel Building 1 (South)	322	169.35	0.0153		3.47	4.017E-05
On-Site Travel Building 2 (North)	222	70.99	0.0153		1.08	1.255E-05
On-Site Travel Building 2 (South)	222	76.95	0.0153		1.18	1.361E-05
On-Site Travel Building 3 (East)	154	71.76	0.0153		1.10	1.269E-05
On-Site Travel Building 3 (West)	154	31.73	0.0153		0.48	5.611E-06
On-Site Travel Building 4 (North)	138	56.77	0.0153		0.87	1.004E-05
On-Site Travel Building 4 (South)	138	38.38	0.0153		0.59	6.787E-06
On-Site Travel Building 5 (North)	283	179.16	0.0153		2.74	3.168E-05
On-Site Travel Building 5 (South)	283	131.29	0.0153		2.01	2.322E-05
Off-Site Travel Building 1 on 4th St.	644	281.06	0.0071		2.28	2.641E-05
Off-Site Travel Building 2 on 4th St.	444	347.77	0.0071		2.46	2.849E-05
Off-Site Travel Building 3 on 4th St.	309	309.54	0.0071		2.19	2.535E-05
Off-Site Travel Building 4 on 4th St.	276	349.94	0.0071		2.48	2.866E-05
Off-Site Travel Building 5 on 4th St.	567	958.15	0.0071		6.78	7.848E-05
Off-Site Travel 100% Inbound/Outbound	2240	3767.66	0.0071		27.79	3.217E-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 and each TRU idles for 30 minutes on-site.

2.3.2 TRANSPORT REFRIGERATION UNITS (TRUs)

In order to account for the possibility of refrigerated uses, trucks associated with the potential cold-storage land use are assumed to also have TRUs. For modeling purposes, 74 two-way truck trips have been estimated to include TRUs (e.g., all truck trips that would be associated with up to 100,000 sf of High-Cube Cold Storage use, as summarized in the *Beaumont Pointe Trip Generation Assessment* (10)). TRUs are accounted for during on-site and off-site travel. The TRU calculations are based on the 2017 Off-road Emissions model, version 1.0.1 (Orion), developed by the CARB. Orion does not provide emission rates per hour or mile as with the on-road emission model and only provides emission inventories. Emission results are produced in tons per day while all activity, fuel consumption and horsepower hours were reported at annual levels. The emission inventory is based on specific assumptions including the average horsepower rating of specific types of equipment and the hours of operation annually. These assumptions are not always consistent with assumptions used in the modeling of project level emissions. Therefore, the emissions inventory was converted into emission rates to accurately calculate emissions from TRU operation associated with project level details. This was accomplished by converting the annual horsepower hours to daily operational characteristics and converting the daily emission levels into hourly emission rates based on the total emission of each criteria pollutant by equipment type and the average daily hours of operation. As such, DPM TRU emissions are calculated at 0.226 grams per hour for on-site idling and off-site travel (see Appendix 2.2 for additional calculation details).

2.4 EXPOSURE QUANTIFICATION

The analysis herein has been conducted in accordance with the guidelines in the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2). SCAQMD recommends using the Environmental Protection Agency's (U.S. EPA's) AERMOD model. For purposes of this analysis, the Lakes AERMOD View (Version 10.2.0) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 21112 (11).

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

SCAQMD-recommended model parameters are presented in Table 2-3 (12). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's Banning (BNAP) monitoring station (SRA 29) was used to represent local

weather conditions and prevailing winds (13). A wind rose exhibit of the BNAP monitoring station is provided at Exhibit 2-B.

EXHIBIT 2-B: WIND ROSE (SRA 29)

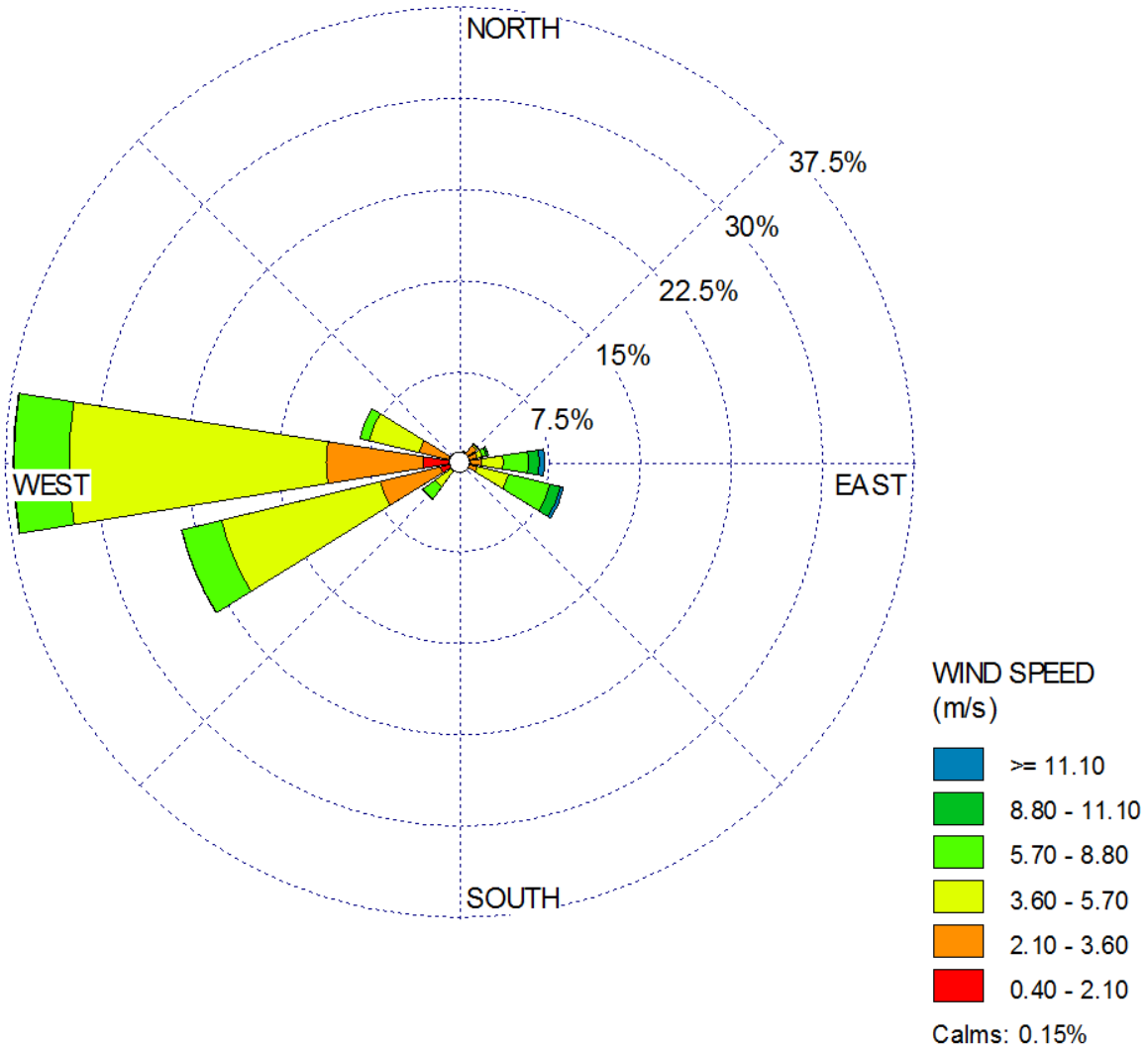


TABLE 2-3: AERMOD MODEL PARAMETERS

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

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

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

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

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

Consistent with SCAQMD modeling guidance, all receptors were set to existing elevation height so that only ground-level concentrations are analyzed (14). United States Geological Survey (USGS) Digital Elevation Model (DEM) terrain data based on a 7.5-minute topographic quadrangle map series using AERMAP was utilized in the HRA modeling to set elevations.

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Tables 2-4 through 2-6 summarize the Exposure Parameters for Residents and Workers based on 2015 OEHHA Guidelines. Appendix 2.4 includes the detailed risk calculation.

TABLE 2-4: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (CONSTRUCTION ACTIVITY)

Age ²	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	8
0 to 2	1,090	10	2	0.85	350	8
2 to 16	572	3	2.5	0.72	350	8

TABLE 2-5: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL)

Age ³	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	1,090	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 2-6: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (25 YEAR WORKER)

Age ⁴	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Exposure Frequency (days/year)	Exposure Time (hours/day)
16 to 41	230	1	25	250	12

2.5 CARCINOGENIC CHEMICAL RISK

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

² Age bins -0.25 through age 16 is appropriate and most conservative for analytical purposes as these age bins include the greatest age specific factors. Using these age bins represents the worst-case exposure duration for residents, which includes the range of the age bins herein.

³ Age bins -0.25 through 30 is based on SCAQMD recommended guidelines for residential exposure over 30 years. Additional information can be found in the SCAQMD’s Rule 1401 Risk Assessment procedures: <http://www.aqmd.gov/docs/default-source/permitting/rule-1401-risk-assessment/attachmentn-v8-1.pdf?sfvrsn=4>

⁴ Age bins 16-31 is based on SCAQMD recommended guidelines for worker exposure. Additional information can be found in the SCAQMD’s Rule 1401 Risk Assessment procedures: <http://www.aqmd.gov/docs/default-source/permitting/rule-1401-risk-assessment/attachmentn-v8-1.pdf?sfvrsn=4>

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

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

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

Where:

- DOSE_{air} = chronic daily intake (mg/kg/day)
- C_{air} = concentration of contaminant in air (ug/m³)
- [BR/BW]
BW-day) = daily breathing rate normalized to body weight (L/kg)
- 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)

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

Where:

- DOSE_{air} = chronic daily intake (mg/kg/day)
- CPF = cancer potency factor
- ED = number of years within particular age group
- AT = averaging time

2.6 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or Reference Exposure Level (REL). The REL for diesel particulates was obtained from OEHHA for this analysis. The chronic reference exposure level (REL) for DPM was established by OEHHA as $5 \mu\text{g}/\text{m}^3$ (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:

$$HI_{\text{DPM}} = C_{\text{DPM}}/\text{REL}_{\text{DPM}}$$

Where:

- HI_{DPM} = Hazard Index; an expression of the potential for non-cancer health effects.
- C_{DPM} = Annual average DPM concentration ($\mu\text{g}/\text{m}^3$).
- 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.

2.7 POTENTIAL PROJECT-RELATED DPM SOURCE CANCER AND NON-CANCER RISKS

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction DPM source emissions is Location R4, which represents the existing residence at 14157 Bosana Lane, approximately 1,151 feet north of the Project site. At this MEIR, the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 0.47 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer health risks were estimated to be ≤ 0.01 , 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 people in adjacent land uses as a result of Project construction activity. All other receptors during construction activity (even if they are located at a nearer distance to the site) would experience less risk than what is identified for the MEIR due to modeled meteorological conditions, source locations, and relative spatial distance from emission sources to other receptor locations. The nearest modeled receptors are illustrated on Exhibit 2-C.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project DPM source emissions is Location R4, which represents the existing residence at 14157 Bosana Lane, approximately 1,151 feet north of the Project site. At this MEIR, the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 0.86 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer health risks were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to nearby residences. All other receptors during operational activity (even if they are located at a nearer distance to the site) would experience less concentration and consequently less risk than what is identified for the MEIR due to modeled meteorological conditions, source locations, and relative spatial distance from emission sources to other receptor locations. The nearest modeled receptors 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 Location R6, which represents the Hidden Canyon Industrial Building 2, approximately 305 feet east of the Project site. R6 is placed at the building façade where a worker could remain for a typical workday. At the MEIW, the maximum incremental cancer risk impact is 0.23 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer health risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. All other receptors during operational activity (even if they are located at a nearer distance to the site) would experience less concentration and consequently less risk than what is identified for the MEIW due to modeled meteorological conditions, source locations, and relative spatial distance from emission sources to other receptor locations. The nearest modeled receptors 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 California Air Resources Board (CARB) and SCAQMD emissions and modeling analyses, an 80-percent drop-off in pollutant concentrations is expected at approximately 1,000 feet from a distribution center (1).

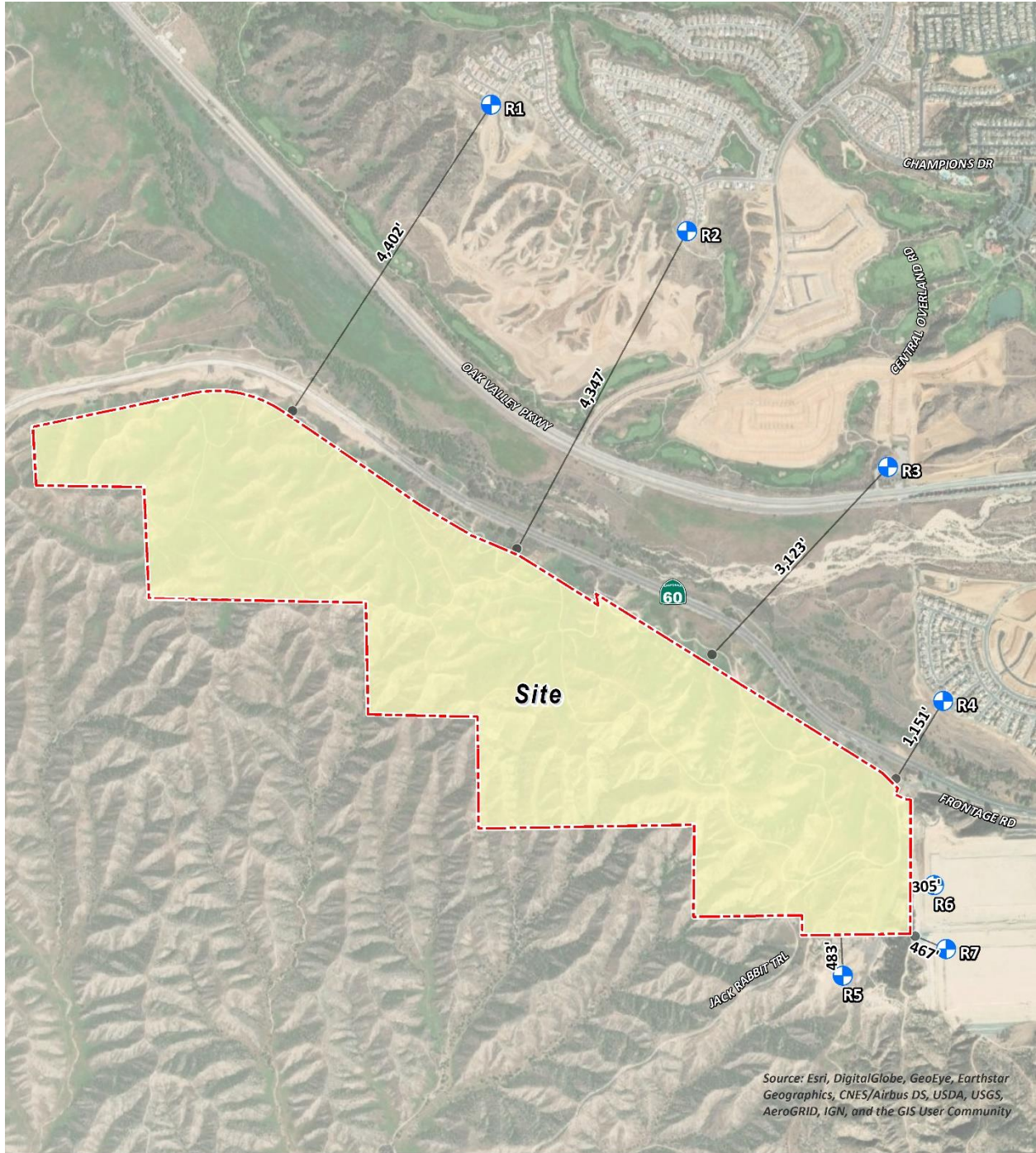
The 1,000-foot evaluation distance is supported by research-based findings concerning Toxic Air Contaminant (TAC) emission dispersion rates from roadways and large sources showing that emissions diminish substantially between 500 and 1,000 feet from emission sources.

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

COMBINED CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction and operational DPM source emissions is Location R4. At the MEIR, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 1.33 in one million, which is less than the threshold of 10 in one million. At this same location, non-cancer health risks were estimated to be ≤ 0.01 , 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 land uses as a result of Project construction and operational activity. All other receptors during operational activity (even if they are located at a nearer distance to the site) would experience less concentration and consequently less risk than what is identified for the MEIR due to modeled meteorological conditions, source locations, and relative spatial distance from emission sources to other receptor locations.

EXHIBIT 2-C: MODELED RECEPTORS



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- LEGEND:**
-  N
 -  Receptor Locations
 -  Distance from receptor to Project site boundary (in feet)

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3 REFERENCES

1. **Air Resources Board.** *Air Quality and Land Use Handbook: A Community Health Perspective.* 2005.
2. **South Coast Air Quality Management District.** Mobile Source Toxics Analysis. [Online] 2003. http://www.aqmd.gov/ceqa/handbook/mobile_toxic/mobile_toxic.html.
3. **Goss, Tracy A and Kroeger, Amy.** White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution. [Online] South Coast Air Quality Management District, 2003. [Cited: June 6, 2019.] <http://www.aqmd.gov/docs/default-source/Agendas/Environmental-Justice/cumulative-impacts-working-group/cumulative-impacts-white-paper.pdf?sfvrsn=2>.
4. **Urban Crossroads, Inc.** *Jack Rabbit Trail Specific Plan Traffic Analysis.* 2020.
5. —. *Beaumont Pointe Air Quality Analysis.* 2021.
6. **California Air Resources Board.** EMFAC 2017. [Online] <https://www.arb.ca.gov/emfac/2017/>.
7. **California Department of Transportation.** EMFAC Software. [Online] <http://www.dot.ca.gov/hq/env/air/pages/emfac.htm>.
8. **Wong, Jillian.** *Planning, Rule Development & Area Sources.* December 22, 2016.
9. **Urban Crossroads, Inc.** *Beaumont Pointe Trip Generation Assessment.* 2021.
10. —. *Beaumont Pointe Trip Generation Assessment.* 2021.
11. **Environmental Protection Agency.** User's Guide for the AMS/EPA Regulatory Model (AERMOD). [Online] 2019. https://www3.epa.gov/ttn/scram/models/aermod/aermod_userguide.pdf.
12. —. User's Guide for the AMS/EPA Regulatory Model (AERMOD). [Online] April 2018. https://www3.epa.gov/ttn/scram/models/aermod/aermod_userguide.pdf.
13. **South Coast Air Quality Management District.** Data for AERMOD. [Online] [Cited: June 10, 2019.] <https://www.aqmd.gov/home/air-quality/air-quality-data-studies/meteorological-data/data-for-aermod>.
14. —. South Coast AQMD Modeling Guidance for AERMOD. [Online] [Cited: September 18, 2019.] <http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance>.

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4 CERTIFICATIONS

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

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EDUCATION

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

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

PROFESSIONAL AFFILIATIONS

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

PROFESSIONAL CERTIFICATIONS

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

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APPENDIX 2.1:
EMFAC EMISSIONS SUMMARY

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**AVERAGE EMISSION FACTOR
RIVERSIDE COUNTY 2023**

Speed	LHD1	MHD	HHD
0	0.392364	0.038645	0.01241
5	0.035611	0.005921	0.01285
25	0.012981	0.002881	0.00686

Speed	Weighted Average Emissions
0	0.08229
5	0.01528
25	0.00708

Emission Rates - 2023 Emission Factors

Truck Emission Rates						
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Truck Emission Rate ^b (grams/idle-hour)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling Building 1 (North)	161			0.0823	5.41	6.261E-05
On-Site Idling Building 1 (South)	161			0.0823	5.41	6.261E-05
On-Site Idling Building 2 (North)	111			0.0823	2.28	2.644E-05
On-Site Idling Building 2 (South)	111			0.0823	2.28	2.644E-05
On-Site Idling Building 3 (West)	77			0.0823	1.59	1.837E-05
On-Site Idling Building 3 (East)	77			0.0823	1.59	1.837E-05
On-Site Idling Building 4 (North)	69			0.0823	1.42	1.646E-05
On-Site Idling Building 4 (South)	69			0.0823	1.42	1.646E-05
On-Site Idling Building 5 (North)	142			0.0823	2.92	3.375E-05
On-Site Idling Building 5 (South)	142			0.0823	2.92	3.375E-05
On-Site Travel Building 1 (North)	322	239.69	0.0153		4.91	5.685E-05
On-Site Travel Building 1 (South)	322	169.35	0.0153		3.47	4.017E-05
On-Site Travel Building 2 (North)	222	70.99	0.0153		1.08	1.255E-05
On-Site Travel Building 2 (South)	222	76.95	0.0153		1.18	1.361E-05
On-Site Travel Building 3 (East)	154	71.76	0.0153		1.10	1.269E-05
On-Site Travel Building 3 (West)	154	31.73	0.0153		0.48	5.611E-06
On-Site Travel Building 4 (North)	138	56.77	0.0153		0.87	1.004E-05
On-Site Travel Building 4 (South)	138	38.38	0.0153		0.59	6.787E-06
On-Site Travel Building 5 (North)	283	179.16	0.0153		2.74	3.168E-05
On-Site Travel Building 5 (South)	283	131.29	0.0153		2.01	2.322E-05
Off-Site Travel Building 1 on 4th St.	644	281.06	0.0071		2.28	2.641E-05
Off-Site Travel Building 2 on 4th St.	444	347.77	0.0071		2.46	2.849E-05
Off-Site Travel Building 3 on 4th St.	309	309.54	0.0071		2.19	2.535E-05
Off-Site Travel Building 4 on 4th St.	276	349.94	0.0071		2.48	2.866E-05
Off-Site Travel Building 5 on 4th St.	567	958.15	0.0071		6.78	7.848E-05
Off-Site Travel 100% Inbound/Outbound	2240	3767.66	0.0071		27.79	3.217E-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 and each TRU idles for 30 minutes on-site.

calendar_	season_m	sub_area	vehicle_class	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_rate
2023	Annual	Riverside (SC)	HHDT	Dsl	60	70	RUNEX	5	PM10	0.013015
2023	Annual	Riverside (SC)	HHDT	Dsl	60	70	RUNEX	25	PM10	0.00695
2023	Annual	Riverside (SC)	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.071342
2023	Annual	Riverside (SC)	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.026006
2023	Annual	Riverside (SC)	MHDT	Dsl	60	70	RUNEX	5	PM10	0.006736
2023	Annual	Riverside (SC)	MHDT	Dsl	60	70	RUNEX	25	PM10	0.003278
2023	Annual	Riverside (SC)	HHDT	Dsl			IDLEX		PM10	0.012569
2023	Annual	Riverside (SC)	LHDT1	Dsl			IDLEX		PM10	0.786058
2023	Annual	Riverside (SC)	MHDT	Dsl			IDLEX		PM10	0.043967

Source: EMFAC2017 (v1.0.3) Emissions Inventory

Region Type: County

Region: Riverside

Calendar Year: 2023

Season: Annual

Vehicle Classification: EMFAC2007 Categories

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

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population
Riverside	2023	HHDT	Aggregate	Aggregate	Gasoline	7.088214
Riverside	2023	HHDT	Aggregate	Aggregate	Diesel	28234.19
Riverside	2023	HHDT	Aggregate	Aggregate	Natural Gas	355.8193
Riverside	2023	LHDT1	Aggregate	Aggregate	Gasoline	20379.4
Riverside	2023	LHDT1	Aggregate	Aggregate	Diesel	20310.56
Riverside	2023	MHDT	Aggregate	Aggregate	Gasoline	2097.293
Riverside	2023	MHDT	Aggregate	Aggregate	Diesel	15231.09

HHDT% GAS/NG	0.01269
HHDT% DSL	0.98731
LHDT1% GAS	0.50085
LHDT1% DSL	0.49915
MHDT% GAS	0.12103
MHDT% DSL	0.87897

APPENDIX 2.2:
TRU EMISSIONS CALCULATIONS

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TRU Type TRU - Instate Trailer TRU ▼ 2
 Number of Units 20
 Operating Time Each Unit 4

TRU Type TRU - Instate Truck TRU ▼ 3
 Number of Units 17
 Operating Time Each Unit 4

Unit	Emissions Pounds per Day						Annual
	ROG	NO _x	CO	SOX	PM10	PM2.5		MT CO_{2}
TRU - Instate Trailer TRU	0.38	2.65	4.57	0.00	0.02	0.02	63.30
TRU - Instate Truck TRU	0.14	1.32	1.10	0.00	0.05	0.05	26.44

0.07
 0.002

Daily Emission Rates

Year	Type	ROG	CO
2027	TRU - Instate Genset TRU	6.07E-03	9.46E-02
2027	TRU - Instate Trailer TRU	1.74E-02	2.07E-01
2027	TRU - Instate Truck TRU	7.43E-03	6.04E-02
2027	TRU - Instate Van TRU	4.74E-03	3.86E-02
2027	TRU - Out-of-State Genset TRU	6.08E-03	9.47E-02
2027	TRU - Out-of-State Trailer TRU	1.38E-02	1.79E-01
2027	TRU - Railcar TRU	1.38E-02	1.79E-01

Unit	Average HP	Average HP-Hr/D
2022 TRU - Instate Genset TRU	31.5	20287.04
2022 TRU - Instate Trailer TRU	34	159044.88
2022 TRU - Instate Truck TRU	14.1	17748.72
2022 TRU - Instate Van TRU	9	410.90
2022 TRU - Out-of-State Genset TRU	31.5	12783.42
2022 TRU - Out-of-State Trailer TRU	34	99783.69
2022 TRU - Railcar TRU	34	10328.90

Hourly Emissions Rates			
Code	Year	Type	CO
1	2022	TRU - Instate Genset TRU	4.42E-02
2	2022	TRU - Instate Trailer TRU	5.71E-02
3	2022	TRU - Instate Truck TRU	1.62E-02
4	2022	TRU - Instate Van TRU	1.03E-02
5	2022	TRU - Out-of-State Genset TRU	2.79E-01
6	2022	TRU - Out-of-State Trailer TRU	3.12E-01
7	2022	TRU - Railcar TRU	2.03E-01

Lookup data

- 1 TRU - Instate Genset TRU
- 2 TRU - Instate Trailer TRU
- 3 TRU - Instate Truck TRU
- 4 TRU - Instate Van TRU
- 5 TRU - Out-of-State Genset TRU
- 6 TRU - Out-of-State Trailer TRU
- 7 TRU - Railcar TRU

NOX	CO2	PM10	PM2.5	SOX
6.96E-02	1.91E+00	3.15E-04	2.90E-04	1.76E-05
1.20E-01	2.87E+00	1.01E-03	9.31E-04	2.63E-05
7.21E-02	1.45E+00	2.84E-03	2.61E-03	1.33E-05
4.60E-02	9.26E-01	1.81E-03	1.67E-03	8.50E-06
6.97E-02	1.91E+00	3.15E-04	2.90E-04	1.76E-05
1.12E-01	2.87E+00	6.10E-04	5.61E-04	2.64E-05
1.12E-01	2.87E+00	6.10E-04	5.61E-04	2.64E-05

Vehicle Class	Hr/Day/ Vehicle
Total Hr/day	Class
644.03	2.14
4677.79	3.63
1258.77	3.73
45.66	3.73
405.82	0.34
2934.81	0.57
303.79	0.88

NOX	CO2	PM10	PM2.5	SOX
3.26E-02	8.92E-01	1.47E-04	1.35E-04	8.24E-06
3.32E-02	7.91E-01	2.79E-04	2.56E-04	7.25E-06
1.93E-02	3.89E-01	7.60E-04	7.00E-04	3.57E-06
1.23E-02	2.48E-01	4.85E-04	4.47E-04	2.28E-06
2.06E-01	5.64E+00	9.30E-04	8.56E-04	5.20E-05
1.95E-01	5.00E+00	1.06E-03	9.76E-04	4.59E-05
1.27E-01	3.25E+00	6.91E-04	6.35E-04	2.99E-05

OFFROAD2017 (v1.0.1) Emissions Inventory

Region Type: County

Region: Riverside

Calendar Year: 2027

Scenario: All Adopted Rules - Exhaust

Vehicle Classification: OFFROAD2017 Equipment Types

Units: Emissions: tons/day, Fuel Consumption: gallons/year, Activity: hours/year, HP-Hours: HP-hours/year

Region	CalYr	VehClass	MdYr	HP_Bin	Fuel
Riverside	2027	TRU - Instate Genset TRU	Aggregate	Aggregate	Diesel
Riverside	2027	TRU - Instate Trailer TRU	Aggregate	Aggregate	Diesel
Riverside	2027	TRU - Instate Truck TRU	Aggregate	Aggregate	Diesel
Riverside	2027	TRU - Instate Van TRU	Aggregate	Aggregate	Diesel
Riverside	2027	TRU - Out-of-State Genset TRU	Aggregate	Aggregate	Diesel
Riverside	2027	TRU - Out-of-State Trailer TRU	Aggregate	Aggregate	Diesel
Riverside	2027	TRU - Railcar TRU	Aggregate	Aggregate	Diesel

HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2_5_tp	PM_tpd	SOx_tpd
0.001615	0.001954	0.002325	0.030455	0.022427	0.614728	0.000101	9.32E-05	0.000101	5.67E-06
0.033602	0.040659	0.048387	0.484872	0.281447	6.717807	0.002366	0.002177	0.002366	6.15E-05
0.003867	0.004679	0.005568	0.038017	0.045405	0.912652	0.001785	0.001642	0.001785	8.38E-06
8.95E-05	0.000108	0.000129	0.00088	0.001051	0.021129	4.13E-05	3.8E-05	4.13E-05	1.94E-07
0.001019	0.001233	0.001468	0.019208	0.014136	0.387357	6.39E-05	5.88E-05	6.39E-05	3.57E-06
0.016714	0.020224	0.024068	0.262887	0.164914	4.214707	0.000895	0.000823	0.000895	3.87E-05
0.00173	0.002093	0.002491	0.027212	0.017071	0.436276	9.27E-05	8.52E-05	9.27E-05	4.01E-06

NH3_tpd	Fuel_gpy	Total_Activity_h	Total_Population	Horsepower_Hours_hhpy
5.05E-06	390.2068	235072.0834	301.0962731	7404770.629
5.52E-05	4264.221	1707393.608	1288.712771	58051382.69
7.5E-06	579.3181	459452.6104	337.5845778	6478281.807
1.74E-07	13.41162	16664.08432	12.24400023	149976.7588
3.18E-06	245.8799	148125.3191	1197.999167	4665947.553
3.46E-05	2675.343	1071207.288	5105.272094	36421047.8
3.58E-06	276.9325	110883.7539	343.9002385	3770047.632

APPENDIX 2.3:
AERMOD MODEL INPUT/OUTPUT

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**

**

** AERMOD Input Produced by:

** AERMOD View Ver. 10.2.1

** Lakes Environmental Software Inc.

** Date: 8/5/2022

** File: C:\Lakes\AERMOD View\12397 CONS HRA\12397 CONS HRA.ADI

**

**

**

** AERMOD Control Pathway

**

**

CO STARTING

TITLEONE C:\Lakes\AERMOD View\12397 CONS HRA\12397 CONS HRA.isc

MODELOPT DFAULT CONC

AVERTIME 24 ANNUAL

URBANOPT 2189641

POLLUTID PM_10

RUNORNOT RUN

ERRORFIL "12397 CONS HRA.err"

CO FINISHED

**

** AERMOD Source Pathway

**

**

SO STARTING

** Source Location **

** Source ID - Type - X Coord. - Y Coord. **

LOCATION	PAREA1	AREAPOLY	493662.921	3755862.709	766.350
----------	--------	----------	------------	-------------	---------

** DESCRSRC Construction Area

** Source Parameters **

SRCPARAM	PAREA1	1.0189E-08	3.490	28	1.000
AREAVERT	PAREA1	493662.921	3755862.709	493651.442	3756073.165
AREAVERT	PAREA1	493861.898	3756115.256	494114.446	3756168.827
AREAVERT	PAREA1	494248.372	3756199.438	494389.952	3756203.265
AREAVERT	PAREA1	494516.226	3756161.174	494650.152	3756065.512
AREAVERT	PAREA1	494925.659	3755878.014	495235.603	3755679.038
AREAVERT	PAREA1	495266.215	3755682.864	495511.110	3755556.590
AREAVERT	PAREA1	495702.433	3755437.970	495710.086	3755480.061
AREAVERT	PAREA1	496666.705	3754879.304	496823.591	3754749.204
AREAVERT	PAREA1	496842.723	3754710.939	496838.897	3754270.894
AREAVERT	PAREA1	496452.423	3754259.415	496448.596	3754324.465
AREAVERT	PAREA1	496050.643	3754316.812	496054.469	3754645.889

SITEDATA 99999 2011
PROFBASE 660.0 METERS
ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 24 1ST

** Auto-Generated Plotfiles

PLOTFILE 24 ALL 1ST "12397 CONS HRA.AD\24H1GALL.PLT" 31

PLOTFILE ANNUAL ALL "12397 CONS HRA.AD\AN00GALL.PLT" 32

SUMMFILE "12397 CONS 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 103 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 103 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\12397 CONS HRA\12397
CONS HRA.isc *** 08/05/22
*** AERMET - VERSION 16216 *** ***
*** 17:33:52

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 1 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

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

**Other Options Specified:

ADJ_U* - Use ADJ_U* option for SBL in AERMET
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM₁₀

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates ANNUAL Averages

**This Run Includes: 1 Source(s); 1 Source Group(s); and 22
Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 1 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 660.00 ; Decay
Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: 12397 CONS HRA.err

**File for Summary of Results: 12397 CONS HRA.sum

▲ *** AERMOD - VERSION 21112 *** C:\Lakes\AERMOD View\12397 CONS HRA\12397
CONS HRA.isc *** 08/05/22
*** AERMET - VERSION 16216 ***
*** 17:33:52

PAGE 2

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

INIT.	NUMBER	EMISSION	RATE	LOCATION	OF	AREA	BASE	RELEASE	NUMBER
SOURCE	URBAN	EMISSION	RATE						
SZ	SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	OF	VERTS.
		SCALAR	VARY						

ID CATS. /METER**2) (METERS) (METERS) (METERS) (METERS)
 (METERS) BY

PAREA1 0 0.10189E-07 493662.9 3755862.7 766.3 3.49 28
 1.00 YES HRDOW7

*** AERMOD - VERSION 21112 *** C:\Lakes\AERMOD View\12397 CONS HRA\12397
 CONS HRA.isc *** 08/05/22
 *** AERMET - VERSION 16216 ***
 *** 17:33:52

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID SOURCE IDs

ALL PAREA1 ,
 *** AERMOD - VERSION 21112 *** C:\Lakes\AERMOD View\12397 CONS HRA\12397
 CONS HRA.isc *** 08/05/22
 *** AERMET - VERSION 16216 ***
 *** 17:33:52

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID URBAN POP SOURCE IDs

2189641. PAREA1 ,
 *** AERMOD - VERSION 21112 *** C:\Lakes\AERMOD View\12397 CONS HRA\12397
 CONS HRA.isc *** 08/05/22
 *** AERMET - VERSION 16216 ***
 *** 17:33:52

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY

OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = WEDNESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

```

1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00
6 .0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\12397 CONS HRA\12397
CONS HRA.isc *** 08/05/22
*** AERMET - VERSION 16216 *** ***
*** 17:33:52

```

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

( 495302.2, 3757245.3, 723.6, 745.0, 0.0); ( 496010.6,
3756792.7, 721.5, 757.0, 0.0);
( 496746.6, 3755954.5, 700.9, 725.0, 0.0); ( 496951.2,
3755100.4, 703.8, 733.0, 0.0);
( 496589.1, 3754124.4, 754.3, 769.0, 0.0); ( 497015.0,
3755061.0, 704.9, 733.0, 0.0);
( 497055.2, 3755049.5, 706.1, 733.0, 0.0); ( 497113.3,
3755031.6, 707.4, 733.0, 0.0);
( 497147.0, 3755016.5, 708.8, 733.0, 0.0); ( 496937.0,
3755126.0, 704.4, 732.0, 0.0);
( 497203.5, 3754981.1, 714.3, 733.0, 0.0); ( 496910.1,
3755157.3, 706.8, 723.0, 0.0);
( 496935.2, 3754500.8, 735.5, 770.0, 0.0); ( 496982.9,
3754212.1, 746.1, 771.0, 0.0);
( 497156.7, 3754370.5, 723.5, 771.0, 0.0); ( 497444.0,
3754371.9, 732.8, 758.0, 0.0);
( 497392.1, 3754531.7, 722.1, 758.0, 0.0); ( 496987.1,
3753999.1, 748.5, 771.0, 0.0);
( 496936.6, 3754356.5, 751.9, 769.0, 0.0); ( 497379.5,
3754209.3, 727.8, 758.0, 0.0);
( 497784.6, 3754074.8, 742.8, 760.0, 0.0); ( 497804.2,
3754237.4, 726.9, 760.0, 0.0);
^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\12397 CONS HRA\12397
CONS HRA.isc *** 08/05/22
*** AERMET - VERSION 16216 *** ***
*** 17:33:52

```

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR

PROCESSING ***


```

11 01 01 1 22 -24.5 0.252 -9.000 -9.000 -999. 304. 69.8 0.15 4.23
1.00 2.70 64. 9.1 272.5 5.5
11 01 01 1 23 -24.5 0.252 -9.000 -9.000 -999. 304. 69.8 0.15 4.23
1.00 2.70 61. 9.1 272.5 5.5
11 01 01 1 24 -24.5 0.252 -9.000 -9.000 -999. 304. 69.8 0.15 4.23
1.00 2.70 76. 9.1 272.5 5.5

```

First hour of profile data

```

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
11 01 01 01 5.5 0 -999. -99.00 274.3 99.0 -99.00 -99.00
11 01 01 01 9.1 1 108. 5.40 -999.0 99.0 -99.00 -99.00

```

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

```

^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\12397 CONS HRA\12397
CONS HRA.isc *** 08/05/22
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*** 17:33:52

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
495302.20	3757245.34	0.00006	496010.61
3756792.74	0.00020		
496746.57	3755954.46	0.00055	496951.22
3755100.44	0.00147		
496589.14	3754124.41	0.00012	497015.01
3755061.01	0.00146		
497055.19	3755049.52	0.00143	497113.32
3755031.58	0.00137		
497147.05	3755016.51	0.00135	496937.02
3755125.99	0.00144		
497203.53	3754981.09	0.00133	496910.08
3755157.31	0.00142		
496935.23	3754500.78	0.00308	496982.89
3754212.15	0.00052		

497156.68	3754370.53	0.00095	497444.01
3754371.93	0.00056		
497392.15	3754531.71	0.00089	496987.09
3753999.11	0.00008		
496936.64	3754356.52	0.00239	497379.53
3754209.35	0.00032		
497784.59	3754074.80	0.00015	497804.21
3754237.38	0.00024		

▲ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\12397 CONS HRA\12397
 CONS HRA.isc *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:33:52

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
495302.20	3757245.34	0.00340	(12121324)	496010.61
3756792.74	0.00275	(12121324)		
496746.57	3755954.46	0.00433c	(11121524)	496951.22
3755100.44	0.00945c	(11121524)		
496589.14	3754124.41	0.00682	(14121224)	497015.01
3755061.01	0.00942c	(11121524)		
497055.19	3755049.52	0.00926c	(11121524)	497113.32
3755031.58	0.00902c	(11121524)		
497147.05	3755016.51	0.00893c	(11121524)	496937.02
3755125.99	0.00928c	(11121524)		
497203.53	3754981.09	0.00888c	(11121524)	496910.08
3755157.31	0.00917c	(11121524)		
496935.23	3754500.78	0.01725	(15112624)	496982.89
3754212.15	0.00770	(14121224)		
497156.68	3754370.53	0.00915	(15112624)	497444.01
3754371.93	0.00699	(15112624)		
497392.15	3754531.71	0.00852	(15112624)	496987.09
3753999.11	0.00467	(14121224)		
496936.64	3754356.52	0.01569	(15112624)	497379.53
3754209.35	0.00469	(15112624)		

497784.59 3754074.80 0.00293 (12121324) 497804.21
 3754237.38 0.00421 (15112624)
 *** AERMOD - VERSION 21112 *** C:\Lakes\AERMOD View\12397 CONS HRA\12397
 CONS HRA.isc *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:33:52

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS

AVERAGED OVER 5 YEARS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	

ALL	1ST HIGHEST VALUE IS	0.00308 AT (	496935.23, 3754500.78,
735.55,	770.00, 0.00) DC		
	2ND HIGHEST VALUE IS	0.00239 AT (	496936.64, 3754356.52,
751.88,	769.00, 0.00) DC		
	3RD HIGHEST VALUE IS	0.00147 AT (	496951.22, 3755100.44,
703.85,	733.00, 0.00) DC		
	4TH HIGHEST VALUE IS	0.00146 AT (	497015.01, 3755061.01,
704.88,	733.00, 0.00) DC		
	5TH HIGHEST VALUE IS	0.00144 AT (	496937.02, 3755125.99,
704.37,	732.00, 0.00) DC		
	6TH HIGHEST VALUE IS	0.00143 AT (	497055.19, 3755049.52,
706.15,	733.00, 0.00) DC		
	7TH HIGHEST VALUE IS	0.00142 AT (	496910.08, 3755157.31,
706.76,	723.00, 0.00) DC		
	8TH HIGHEST VALUE IS	0.00137 AT (	497113.32, 3755031.58,
707.36,	733.00, 0.00) DC		
	9TH HIGHEST VALUE IS	0.00135 AT (	497147.05, 3755016.51,
708.79,	733.00, 0.00) DC		
	10TH HIGHEST VALUE IS	0.00133 AT (	497203.53, 3754981.09,
714.34,	733.00, 0.00) DC		

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

^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\12397 CONS HRA\12397
 CONS HRA.isc *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:33:52

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR

RESULTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR
ALL HIGH 1ST HIGH VALUE IS 3754500.78, 735.55, 770.00,	0.01725 0.00)	DC	ON 15112624: AT (496935.23,	

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

^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\12397 CONS HRA\12397
 CONS HRA.isc *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:33:52

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 2 Warning Message(s)
 A Total of 1311 Informational Message(s)
 A Total of 43824 Hours Were Processed
 A Total of 64 Calm Hours Identified

A Total of 1247 Missing Hours Identified (2.85 Percent)

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

***** WARNING MESSAGES *****
ME W186 103 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 103 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. 10.2.1
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 8/5/2022
** FILE: C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397 OPS HRAV2.ADI
**
*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**
CO STARTING
  TITLEONE C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397 OPS HRAV2.ISC
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2189641
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "12397 OPS HRAV2.ERR"
CO FINISHED
**
*****
** AERMOD SOURCE PATHWAY
*****
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** -----
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC ON-SITE IDLING BUILDING 1 (NORTH)
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00006261
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 2
** 496065.312, 3755125.010, 713.43, 3.49, 4.00
** 496607.129, 3754790.180, 719.76, 3.49, 4.00
** -----

```

LOCATION L0018301	VOLUME	496068.966	3755122.753	713.47
LOCATION L0018302	VOLUME	496076.273	3755118.237	713.56
LOCATION L0018303	VOLUME	496083.580	3755113.721	713.64
LOCATION L0018304	VOLUME	496090.888	3755109.205	713.73
LOCATION L0018305	VOLUME	496098.195	3755104.690	713.81
LOCATION L0018306	VOLUME	496105.502	3755100.174	713.90
LOCATION L0018307	VOLUME	496112.809	3755095.658	713.98
LOCATION L0018308	VOLUME	496120.117	3755091.142	714.07
LOCATION L0018309	VOLUME	496127.424	3755086.627	714.16
LOCATION L0018310	VOLUME	496134.731	3755082.111	714.24
LOCATION L0018311	VOLUME	496142.039	3755077.595	714.33
LOCATION L0018312	VOLUME	496149.346	3755073.080	714.41
LOCATION L0018313	VOLUME	496156.653	3755068.564	714.50
LOCATION L0018314	VOLUME	496163.960	3755064.048	714.58
LOCATION L0018315	VOLUME	496171.268	3755059.532	714.67
LOCATION L0018316	VOLUME	496178.575	3755055.017	714.75
LOCATION L0018317	VOLUME	496185.882	3755050.501	714.84
LOCATION L0018318	VOLUME	496193.190	3755045.985	714.92
LOCATION L0018319	VOLUME	496200.497	3755041.469	715.01
LOCATION L0018320	VOLUME	496207.804	3755036.954	715.09
LOCATION L0018321	VOLUME	496215.111	3755032.438	715.18
LOCATION L0018322	VOLUME	496222.419	3755027.922	715.27
LOCATION L0018323	VOLUME	496229.726	3755023.406	715.35
LOCATION L0018324	VOLUME	496237.033	3755018.891	715.44
LOCATION L0018325	VOLUME	496244.340	3755014.375	715.52
LOCATION L0018326	VOLUME	496251.648	3755009.859	715.61
LOCATION L0018327	VOLUME	496258.955	3755005.344	715.69
LOCATION L0018328	VOLUME	496266.262	3755000.828	715.78
LOCATION L0018329	VOLUME	496273.570	3754996.312	715.86
LOCATION L0018330	VOLUME	496280.877	3754991.796	715.95
LOCATION L0018331	VOLUME	496288.184	3754987.281	716.03
LOCATION L0018332	VOLUME	496295.491	3754982.765	716.12
LOCATION L0018333	VOLUME	496302.799	3754978.249	716.20
LOCATION L0018334	VOLUME	496310.106	3754973.733	716.29
LOCATION L0018335	VOLUME	496317.413	3754969.218	716.38
LOCATION L0018336	VOLUME	496324.720	3754964.702	716.46
LOCATION L0018337	VOLUME	496332.028	3754960.186	716.55
LOCATION L0018338	VOLUME	496339.335	3754955.671	716.63
LOCATION L0018339	VOLUME	496346.642	3754951.155	716.72
LOCATION L0018340	VOLUME	496353.950	3754946.639	716.80
LOCATION L0018341	VOLUME	496361.257	3754942.123	716.89
LOCATION L0018342	VOLUME	496368.564	3754937.608	716.97
LOCATION L0018343	VOLUME	496375.871	3754933.092	717.06
LOCATION L0018344	VOLUME	496383.179	3754928.576	717.14
LOCATION L0018345	VOLUME	496390.486	3754924.060	717.23
LOCATION L0018346	VOLUME	496397.793	3754919.545	717.31
LOCATION L0018347	VOLUME	496405.100	3754915.029	717.40
LOCATION L0018348	VOLUME	496412.408	3754910.513	717.49
LOCATION L0018349	VOLUME	496419.715	3754905.997	717.57
LOCATION L0018350	VOLUME	496427.022	3754901.482	717.66

LOCATION L0018351	VOLUME	496434.330	3754896.966	717.74
LOCATION L0018352	VOLUME	496441.637	3754892.450	717.83
LOCATION L0018353	VOLUME	496448.944	3754887.935	717.91
LOCATION L0018354	VOLUME	496456.251	3754883.419	718.00
LOCATION L0018355	VOLUME	496463.559	3754878.903	718.08
LOCATION L0018356	VOLUME	496470.866	3754874.387	718.17
LOCATION L0018357	VOLUME	496478.173	3754869.872	718.25
LOCATION L0018358	VOLUME	496485.481	3754865.356	718.34
LOCATION L0018359	VOLUME	496492.788	3754860.840	718.42
LOCATION L0018360	VOLUME	496500.095	3754856.324	718.51
LOCATION L0018361	VOLUME	496507.402	3754851.809	718.59
LOCATION L0018362	VOLUME	496514.710	3754847.293	718.68
LOCATION L0018363	VOLUME	496522.017	3754842.777	718.77
LOCATION L0018364	VOLUME	496529.324	3754838.261	718.85
LOCATION L0018365	VOLUME	496536.631	3754833.746	718.94
LOCATION L0018366	VOLUME	496543.939	3754829.230	719.02
LOCATION L0018367	VOLUME	496551.246	3754824.714	719.11
LOCATION L0018368	VOLUME	496558.553	3754820.199	719.19
LOCATION L0018369	VOLUME	496565.861	3754815.683	719.28
LOCATION L0018370	VOLUME	496573.168	3754811.167	719.36
LOCATION L0018371	VOLUME	496580.475	3754806.651	719.45
LOCATION L0018372	VOLUME	496587.782	3754802.136	719.53
LOCATION L0018373	VOLUME	496595.090	3754797.620	719.62
LOCATION L0018374	VOLUME	496602.397	3754793.104	719.70

** END OF LINE VOLUME SOURCE ID = SLINE1

** -----

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE2

** DESCRSRC ON-SITE IDLING BUILDING 1 (SOUTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00006261

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 495947.614, 3754938.317, 752.24, 3.49, 4.00

** 496461.021, 3754623.779, 752.58, 3.49, 4.00

** -----

LOCATION L0018375	VOLUME	495951.276	3754936.073	752.24
LOCATION L0018376	VOLUME	495958.601	3754931.586	752.25
LOCATION L0018377	VOLUME	495965.926	3754927.098	752.25
LOCATION L0018378	VOLUME	495973.250	3754922.611	752.26
LOCATION L0018379	VOLUME	495980.575	3754918.123	752.26
LOCATION L0018380	VOLUME	495987.900	3754913.636	752.27
LOCATION L0018381	VOLUME	495995.224	3754909.148	752.27
LOCATION L0018382	VOLUME	496002.549	3754904.661	752.28
LOCATION L0018383	VOLUME	496009.874	3754900.174	752.28
LOCATION L0018384	VOLUME	496017.199	3754895.686	752.29
LOCATION L0018385	VOLUME	496024.523	3754891.199	752.29

LOCATION	L0018386	VOLUME	496031.848	3754886.711	752.30
LOCATION	L0018387	VOLUME	496039.173	3754882.224	752.30
LOCATION	L0018388	VOLUME	496046.497	3754877.736	752.31
LOCATION	L0018389	VOLUME	496053.822	3754873.249	752.31
LOCATION	L0018390	VOLUME	496061.147	3754868.761	752.32
LOCATION	L0018391	VOLUME	496068.471	3754864.274	752.32
LOCATION	L0018392	VOLUME	496075.796	3754859.787	752.32
LOCATION	L0018393	VOLUME	496083.121	3754855.299	752.33
LOCATION	L0018394	VOLUME	496090.445	3754850.812	752.33
LOCATION	L0018395	VOLUME	496097.770	3754846.324	752.34
LOCATION	L0018396	VOLUME	496105.095	3754841.837	752.34
LOCATION	L0018397	VOLUME	496112.419	3754837.349	752.35
LOCATION	L0018398	VOLUME	496119.744	3754832.862	752.35
LOCATION	L0018399	VOLUME	496127.069	3754828.374	752.36
LOCATION	L0018400	VOLUME	496134.393	3754823.887	752.36
LOCATION	L0018401	VOLUME	496141.718	3754819.399	752.37
LOCATION	L0018402	VOLUME	496149.043	3754814.912	752.37
LOCATION	L0018403	VOLUME	496156.367	3754810.425	752.38
LOCATION	L0018404	VOLUME	496163.692	3754805.937	752.38
LOCATION	L0018405	VOLUME	496171.017	3754801.450	752.39
LOCATION	L0018406	VOLUME	496178.341	3754796.962	752.39
LOCATION	L0018407	VOLUME	496185.666	3754792.475	752.40
LOCATION	L0018408	VOLUME	496192.991	3754787.987	752.40
LOCATION	L0018409	VOLUME	496200.315	3754783.500	752.41
LOCATION	L0018410	VOLUME	496207.640	3754779.012	752.41
LOCATION	L0018411	VOLUME	496214.965	3754774.525	752.42
LOCATION	L0018412	VOLUME	496222.289	3754770.038	752.42
LOCATION	L0018413	VOLUME	496229.614	3754765.550	752.43
LOCATION	L0018414	VOLUME	496236.939	3754761.063	752.43
LOCATION	L0018415	VOLUME	496244.264	3754756.575	752.44
LOCATION	L0018416	VOLUME	496251.588	3754752.088	752.44
LOCATION	L0018417	VOLUME	496258.913	3754747.600	752.45
LOCATION	L0018418	VOLUME	496266.238	3754743.113	752.45
LOCATION	L0018419	VOLUME	496273.562	3754738.625	752.46
LOCATION	L0018420	VOLUME	496280.887	3754734.138	752.46
LOCATION	L0018421	VOLUME	496288.212	3754729.650	752.47
LOCATION	L0018422	VOLUME	496295.536	3754725.163	752.47
LOCATION	L0018423	VOLUME	496302.861	3754720.676	752.48
LOCATION	L0018424	VOLUME	496310.186	3754716.188	752.48
LOCATION	L0018425	VOLUME	496317.510	3754711.701	752.48
LOCATION	L0018426	VOLUME	496324.835	3754707.213	752.49
LOCATION	L0018427	VOLUME	496332.160	3754702.726	752.49
LOCATION	L0018428	VOLUME	496339.484	3754698.238	752.50
LOCATION	L0018429	VOLUME	496346.809	3754693.751	752.50
LOCATION	L0018430	VOLUME	496354.134	3754689.263	752.51
LOCATION	L0018431	VOLUME	496361.458	3754684.776	752.51
LOCATION	L0018432	VOLUME	496368.783	3754680.289	752.52
LOCATION	L0018433	VOLUME	496376.108	3754675.801	752.52
LOCATION	L0018434	VOLUME	496383.432	3754671.314	752.53
LOCATION	L0018435	VOLUME	496390.757	3754666.826	752.53

LOCATION L0018436	VOLUME	496398.082	3754662.339	752.54
LOCATION L0018437	VOLUME	496405.406	3754657.851	752.54
LOCATION L0018438	VOLUME	496412.731	3754653.364	752.55
LOCATION L0018439	VOLUME	496420.056	3754648.876	752.55
LOCATION L0018440	VOLUME	496427.380	3754644.389	752.56
LOCATION L0018441	VOLUME	496434.705	3754639.901	752.56
LOCATION L0018442	VOLUME	496442.030	3754635.414	752.57
LOCATION L0018443	VOLUME	496449.354	3754630.927	752.57
LOCATION L0018444	VOLUME	496456.679	3754626.439	752.58

** END OF LINE VOLUME SOURCE ID = SLINE2

** -----

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE3

** DESCRSRC ON-SITE IDLING BUILDING 2 (NORTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00002644

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 495560.022, 3755362.436, 691.10, 3.49, 4.00

** 495892.824, 3755214.299, 720.70, 3.49, 4.00

** -----

LOCATION L0018445	VOLUME	495563.946	3755360.689	691.45
LOCATION L0018446	VOLUME	495571.794	3755357.196	692.15
LOCATION L0018447	VOLUME	495579.641	3755353.703	692.84
LOCATION L0018448	VOLUME	495587.489	3755350.210	693.54
LOCATION L0018449	VOLUME	495595.337	3755346.717	694.24
LOCATION L0018450	VOLUME	495603.184	3755343.224	694.94
LOCATION L0018451	VOLUME	495611.032	3755339.730	695.64
LOCATION L0018452	VOLUME	495618.880	3755336.237	696.33
LOCATION L0018453	VOLUME	495626.727	3755332.744	697.03
LOCATION L0018454	VOLUME	495634.575	3755329.251	697.73
LOCATION L0018455	VOLUME	495642.423	3755325.758	698.43
LOCATION L0018456	VOLUME	495650.270	3755322.265	699.13
LOCATION L0018457	VOLUME	495658.118	3755318.771	699.82
LOCATION L0018458	VOLUME	495665.966	3755315.278	700.52
LOCATION L0018459	VOLUME	495673.813	3755311.785	701.22
LOCATION L0018460	VOLUME	495681.661	3755308.292	701.92
LOCATION L0018461	VOLUME	495689.509	3755304.799	702.62
LOCATION L0018462	VOLUME	495697.356	3755301.306	703.31
LOCATION L0018463	VOLUME	495705.204	3755297.812	704.01
LOCATION L0018464	VOLUME	495713.052	3755294.319	704.71
LOCATION L0018465	VOLUME	495720.899	3755290.826	705.41
LOCATION L0018466	VOLUME	495728.747	3755287.333	706.11
LOCATION L0018467	VOLUME	495736.595	3755283.840	706.80
LOCATION L0018468	VOLUME	495744.442	3755280.346	707.50
LOCATION L0018469	VOLUME	495752.290	3755276.853	708.20
LOCATION L0018470	VOLUME	495760.138	3755273.360	708.90

LOCATION	VOLUME				
L0018471	495767.985	3755269.867	709.60		
L0018472	495775.833	3755266.374	710.29		
L0018473	495783.681	3755262.881	710.99		
L0018474	495791.528	3755259.387	711.69		
L0018475	495799.376	3755255.894	712.39		
L0018476	495807.224	3755252.401	713.09		
L0018477	495815.071	3755248.908	713.78		
L0018478	495822.919	3755245.415	714.48		
L0018479	495830.767	3755241.922	715.18		
L0018480	495838.614	3755238.428	715.88		
L0018481	495846.462	3755234.935	716.58		
L0018482	495854.310	3755231.442	717.27		
L0018483	495862.157	3755227.949	717.97		
L0018484	495870.005	3755224.456	718.67		
L0018485	495877.853	3755220.963	719.37		
L0018486	495885.700	3755217.469	720.07		

** END OF LINE VOLUME SOURCE ID = SLINE3

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE4

** DESCRSRC ON-SITE IDLING BUILDING 2 (SOUTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00002644

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 495474.792, 3755155.450, 728.11, 3.49, 4.00

** 495807.594, 3755007.312, 715.25, 3.49, 4.00

**

LOCATION	VOLUME				
L0018487	495478.716	3755153.703	727.96		
L0018488	495486.564	3755150.210	727.66		
L0018489	495494.412	3755146.717	727.35		
L0018490	495502.259	3755143.224	727.05		
L0018491	495510.107	3755139.730	726.75		
L0018492	495517.955	3755136.237	726.44		
L0018493	495525.802	3755132.744	726.14		
L0018494	495533.650	3755129.251	725.84		
L0018495	495541.498	3755125.758	725.53		
L0018496	495549.345	3755122.265	725.23		
L0018497	495557.193	3755118.771	724.93		
L0018498	495565.041	3755115.278	724.62		
L0018499	495572.888	3755111.785	724.32		
L0018500	495580.736	3755108.292	724.02		
L0018501	495588.584	3755104.799	723.71		
L0018502	495596.431	3755101.306	723.41		
L0018503	495604.279	3755097.812	723.11		
L0018504	495612.127	3755094.319	722.80		
L0018505	495619.974	3755090.826	722.50		

LOCATION L0018506	VOLUME	495627.822	3755087.333	722.20
LOCATION L0018507	VOLUME	495635.670	3755083.840	721.89
LOCATION L0018508	VOLUME	495643.517	3755080.346	721.59
LOCATION L0018509	VOLUME	495651.365	3755076.853	721.29
LOCATION L0018510	VOLUME	495659.213	3755073.360	720.98
LOCATION L0018511	VOLUME	495667.060	3755069.867	720.68
LOCATION L0018512	VOLUME	495674.908	3755066.374	720.38
LOCATION L0018513	VOLUME	495682.756	3755062.881	720.07
LOCATION L0018514	VOLUME	495690.603	3755059.387	719.77
LOCATION L0018515	VOLUME	495698.451	3755055.894	719.47
LOCATION L0018516	VOLUME	495706.299	3755052.401	719.16
LOCATION L0018517	VOLUME	495714.146	3755048.908	718.86
LOCATION L0018518	VOLUME	495721.994	3755045.415	718.56
LOCATION L0018519	VOLUME	495729.842	3755041.922	718.25
LOCATION L0018520	VOLUME	495737.689	3755038.428	717.95
LOCATION L0018521	VOLUME	495745.537	3755034.935	717.65
LOCATION L0018522	VOLUME	495753.385	3755031.442	717.34
LOCATION L0018523	VOLUME	495761.232	3755027.949	717.04
LOCATION L0018524	VOLUME	495769.080	3755024.456	716.74
LOCATION L0018525	VOLUME	495776.928	3755020.963	716.43
LOCATION L0018526	VOLUME	495784.775	3755017.469	716.13
LOCATION L0018527	VOLUME	495792.623	3755013.976	715.83
LOCATION L0018528	VOLUME	495800.471	3755010.483	715.53

** END OF LINE VOLUME SOURCE ID = SLINE4

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE5

** DESCRSRC ON-SITE IDLING BUILDING 3 (WEST)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00001837

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 495261.718, 3755547.100, 729.60, 3.49, 4.00

** 495127.786, 3755323.880, 757.37, 3.49, 4.00

**

LOCATION L0018529	VOLUME	495259.508	3755543.417	730.06
LOCATION L0018530	VOLUME	495255.089	3755536.051	730.97
LOCATION L0018531	VOLUME	495250.669	3755528.686	731.89
LOCATION L0018532	VOLUME	495246.250	3755521.320	732.81
LOCATION L0018533	VOLUME	495241.830	3755513.954	733.72
LOCATION L0018534	VOLUME	495237.411	3755506.588	734.64
LOCATION L0018535	VOLUME	495232.991	3755499.222	735.56
LOCATION L0018536	VOLUME	495228.572	3755491.856	736.47
LOCATION L0018537	VOLUME	495224.152	3755484.490	737.39
LOCATION L0018538	VOLUME	495219.733	3755477.125	738.31
LOCATION L0018539	VOLUME	495215.313	3755469.759	739.22
LOCATION L0018540	VOLUME	495210.894	3755462.393	740.14

LOCATION L0018541	VOLUME	495206.474	3755455.027	741.05
LOCATION L0018542	VOLUME	495202.055	3755447.661	741.97
LOCATION L0018543	VOLUME	495197.635	3755440.295	742.89
LOCATION L0018544	VOLUME	495193.216	3755432.929	743.80
LOCATION L0018545	VOLUME	495188.796	3755425.563	744.72
LOCATION L0018546	VOLUME	495184.377	3755418.198	745.64
LOCATION L0018547	VOLUME	495179.957	3755410.832	746.55
LOCATION L0018548	VOLUME	495175.538	3755403.466	747.47
LOCATION L0018549	VOLUME	495171.118	3755396.100	748.39
LOCATION L0018550	VOLUME	495166.699	3755388.734	749.30
LOCATION L0018551	VOLUME	495162.279	3755381.368	750.22
LOCATION L0018552	VOLUME	495157.860	3755374.002	751.13
LOCATION L0018553	VOLUME	495153.440	3755366.637	752.05
LOCATION L0018554	VOLUME	495149.020	3755359.271	752.97
LOCATION L0018555	VOLUME	495144.601	3755351.905	753.88
LOCATION L0018556	VOLUME	495140.181	3755344.539	754.80
LOCATION L0018557	VOLUME	495135.762	3755337.173	755.72
LOCATION L0018558	VOLUME	495131.342	3755329.807	756.63

** END OF LINE VOLUME SOURCE ID = SLINE5

** -----

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE6

** DESCRSRC ON-SITE IDLING BUILDING 3 (EAST)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00001837

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 495436.236, 3755435.490, 697.73, 3.49, 4.00

** 495302.304, 3755212.269, 723.08, 3.49, 4.00

** -----

LOCATION L0018559	VOLUME	495434.026	3755431.807	698.15
LOCATION L0018560	VOLUME	495429.607	3755424.441	698.98
LOCATION L0018561	VOLUME	495425.187	3755417.075	699.82
LOCATION L0018562	VOLUME	495420.768	3755409.709	700.66
LOCATION L0018563	VOLUME	495416.348	3755402.344	701.49
LOCATION L0018564	VOLUME	495411.929	3755394.978	702.33
LOCATION L0018565	VOLUME	495407.509	3755387.612	703.17
LOCATION L0018566	VOLUME	495403.090	3755380.246	704.00
LOCATION L0018567	VOLUME	495398.670	3755372.880	704.84
LOCATION L0018568	VOLUME	495394.251	3755365.514	705.68
LOCATION L0018569	VOLUME	495389.831	3755358.148	706.51
LOCATION L0018570	VOLUME	495385.412	3755350.783	707.35
LOCATION L0018571	VOLUME	495380.992	3755343.417	708.19
LOCATION L0018572	VOLUME	495376.573	3755336.051	709.02
LOCATION L0018573	VOLUME	495372.153	3755328.685	709.86
LOCATION L0018574	VOLUME	495367.734	3755321.319	710.70
LOCATION L0018575	VOLUME	495363.314	3755313.953	711.53

LOCATION L0018576	VOLUME	495358.895	3755306.587	712.37
LOCATION L0018577	VOLUME	495354.475	3755299.221	713.21
LOCATION L0018578	VOLUME	495350.055	3755291.856	714.04
LOCATION L0018579	VOLUME	495345.636	3755284.490	714.88
LOCATION L0018580	VOLUME	495341.216	3755277.124	715.71
LOCATION L0018581	VOLUME	495336.797	3755269.758	716.55
LOCATION L0018582	VOLUME	495332.377	3755262.392	717.39
LOCATION L0018583	VOLUME	495327.958	3755255.026	718.22
LOCATION L0018584	VOLUME	495323.538	3755247.660	719.06
LOCATION L0018585	VOLUME	495319.119	3755240.295	719.90
LOCATION L0018586	VOLUME	495314.699	3755232.929	720.73
LOCATION L0018587	VOLUME	495310.280	3755225.563	721.57
LOCATION L0018588	VOLUME	495305.860	3755218.197	722.41

** END OF LINE VOLUME SOURCE ID = SLINE6

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE7

** DESCRSRC ON-SITE IDLING BUILDING 4 (NORTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00001646

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 494920.800, 3755715.530, 694.00, 3.49, 4.00

** 495133.874, 3755599.861, 731.80, 3.49, 4.00

**

LOCATION L0018589	VOLUME	494924.574	3755713.481	694.67
LOCATION L0018590	VOLUME	494932.124	3755709.383	696.01
LOCATION L0018591	VOLUME	494939.673	3755705.285	697.35
LOCATION L0018592	VOLUME	494947.222	3755701.187	698.69
LOCATION L0018593	VOLUME	494954.772	3755697.088	700.03
LOCATION L0018594	VOLUME	494962.321	3755692.990	701.37
LOCATION L0018595	VOLUME	494969.870	3755688.892	702.71
LOCATION L0018596	VOLUME	494977.420	3755684.794	704.04
LOCATION L0018597	VOLUME	494984.969	3755680.695	705.38
LOCATION L0018598	VOLUME	494992.518	3755676.597	706.72
LOCATION L0018599	VOLUME	495000.068	3755672.499	708.06
LOCATION L0018600	VOLUME	495007.617	3755668.401	709.40
LOCATION L0018601	VOLUME	495015.166	3755664.303	710.74
LOCATION L0018602	VOLUME	495022.716	3755660.204	712.08
LOCATION L0018603	VOLUME	495030.265	3755656.106	713.42
LOCATION L0018604	VOLUME	495037.814	3755652.008	714.76
LOCATION L0018605	VOLUME	495045.364	3755647.910	716.10
LOCATION L0018606	VOLUME	495052.913	3755643.811	717.44
LOCATION L0018607	VOLUME	495060.463	3755639.713	718.78
LOCATION L0018608	VOLUME	495068.012	3755635.615	720.12
LOCATION L0018609	VOLUME	495075.561	3755631.517	721.46
LOCATION L0018610	VOLUME	495083.111	3755627.419	722.79

LOCATION	VOLUME				
L0018611	495090.660	3755623.320	724.13		
L0018612	495098.209	3755619.222	725.47		
L0018613	495105.759	3755615.124	726.81		
L0018614	495113.308	3755611.026	728.15		
L0018615	495120.857	3755606.927	729.49		
L0018616	495128.407	3755602.829	730.83		

** END OF LINE VOLUME SOURCE ID = SLINE7

**

 ** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE8

** DESCRSRC ON-SITE IDLING BUILDING 4 (SOUTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00001646

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 494833.541, 3755561.305, 724.59, 3.49, 4.00

** 495046.615, 3755445.636, 736.04, 3.49, 4.00

**

LOCATION	VOLUME				
L0018617	494837.315	3755559.256	724.79		
L0018618	494844.865	3755555.158	725.20		
L0018619	494852.414	3755551.060	725.60		
L0018620	494859.963	3755546.961	726.01		
L0018621	494867.513	3755542.863	726.42		
L0018622	494875.062	3755538.765	726.82		
L0018623	494882.611	3755534.667	727.23		
L0018624	494890.161	3755530.569	727.63		
L0018625	494897.710	3755526.470	728.04		
L0018626	494905.259	3755522.372	728.44		
L0018627	494912.809	3755518.274	728.85		
L0018628	494920.358	3755514.176	729.26		
L0018629	494927.907	3755510.077	729.66		
L0018630	494935.457	3755505.979	730.07		
L0018631	494943.006	3755501.881	730.47		
L0018632	494950.556	3755497.783	730.88		
L0018633	494958.105	3755493.685	731.28		
L0018634	494965.654	3755489.586	731.69		
L0018635	494973.204	3755485.488	732.10		
L0018636	494980.753	3755481.390	732.50		
L0018637	494988.302	3755477.292	732.91		
L0018638	494995.852	3755473.193	733.31		
L0018639	495003.401	3755469.095	733.72		
L0018640	495010.950	3755464.997	734.12		
L0018641	495018.500	3755460.899	734.53		
L0018642	495026.049	3755456.801	734.93		
L0018643	495033.598	3755452.702	735.34		
L0018644	495041.148	3755448.604	735.75		

** END OF LINE VOLUME SOURCE ID = SLINE8

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE9
** DESCRSRC ON-SITE IDLING BUILDING 5 (NORTH)
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00003375
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 2
** 494324.527, 3756025.323, 691.17, 3.49, 4.00
** 494757.488, 3755814.880, 696.04, 3.49, 4.00
** -----

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LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
L0018645	494328.390	3756023.445	691.21	
L0018646	494336.116	3756019.690	691.30	
L0018647	494343.841	3756015.935	691.39	
L0018648	494351.567	3756012.180	691.47	
L0018649	494359.293	3756008.424	691.56	
L0018650	494367.019	3756004.669	691.65	
L0018651	494374.744	3756000.914	691.73	
L0018652	494382.470	3755997.159	691.82	
L0018653	494390.196	3755993.404	691.91	
L0018654	494397.922	3755989.649	692.00	
L0018655	494405.647	3755985.894	692.08	
L0018656	494413.373	3755982.138	692.17	
L0018657	494421.099	3755978.383	692.26	
L0018658	494428.825	3755974.628	692.34	
L0018659	494436.550	3755970.873	692.43	
L0018660	494444.276	3755967.118	692.52	
L0018661	494452.002	3755963.363	692.60	
L0018662	494459.728	3755959.608	692.69	
L0018663	494467.453	3755955.853	692.78	
L0018664	494475.179	3755952.097	692.86	
L0018665	494482.905	3755948.342	692.95	
L0018666	494490.631	3755944.587	693.04	
L0018667	494498.356	3755940.832	693.13	
L0018668	494506.082	3755937.077	693.21	
L0018669	494513.808	3755933.322	693.30	
L0018670	494521.533	3755929.567	693.39	
L0018671	494529.259	3755925.811	693.47	
L0018672	494536.985	3755922.056	693.56	
L0018673	494544.711	3755918.301	693.65	
L0018674	494552.436	3755914.546	693.73	
L0018675	494560.162	3755910.791	693.82	
L0018676	494567.888	3755907.036	693.91	
L0018677	494575.614	3755903.281	693.99	
L0018678	494583.339	3755899.525	694.08	
L0018679	494591.065	3755895.770	694.17	
L0018680	494598.791	3755892.015	694.25	

LOCATION L0018681	VOLUME	494606.517	3755888.260	694.34
LOCATION L0018682	VOLUME	494614.242	3755884.505	694.43
LOCATION L0018683	VOLUME	494621.968	3755880.750	694.52
LOCATION L0018684	VOLUME	494629.694	3755876.995	694.60
LOCATION L0018685	VOLUME	494637.420	3755873.239	694.69
LOCATION L0018686	VOLUME	494645.145	3755869.484	694.78
LOCATION L0018687	VOLUME	494652.871	3755865.729	694.86
LOCATION L0018688	VOLUME	494660.597	3755861.974	694.95
LOCATION L0018689	VOLUME	494668.322	3755858.219	695.04
LOCATION L0018690	VOLUME	494676.048	3755854.464	695.12
LOCATION L0018691	VOLUME	494683.774	3755850.709	695.21
LOCATION L0018692	VOLUME	494691.500	3755846.953	695.30
LOCATION L0018693	VOLUME	494699.225	3755843.198	695.38
LOCATION L0018694	VOLUME	494706.951	3755839.443	695.47
LOCATION L0018695	VOLUME	494714.677	3755835.688	695.56
LOCATION L0018696	VOLUME	494722.403	3755831.933	695.65
LOCATION L0018697	VOLUME	494730.128	3755828.178	695.73
LOCATION L0018698	VOLUME	494737.854	3755824.423	695.82
LOCATION L0018699	VOLUME	494745.580	3755820.667	695.91
LOCATION L0018700	VOLUME	494753.306	3755816.912	695.99

** END OF LINE VOLUME SOURCE ID = SLINE9

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE10

** DESCRSRC ON-SITE IDLING BUILDING 5 (SOUTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00003375

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 494245.180, 3755818.330, 698.97, 3.49, 4.00

** 494678.140, 3755607.887, 755.47, 3.49, 4.00

**

LOCATION L0018701	VOLUME	494249.043	3755816.452	699.47
LOCATION L0018702	VOLUME	494256.768	3755812.697	700.48
LOCATION L0018703	VOLUME	494264.494	3755808.942	701.49
LOCATION L0018704	VOLUME	494272.220	3755805.187	702.50
LOCATION L0018705	VOLUME	494279.946	3755801.431	703.51
LOCATION L0018706	VOLUME	494287.671	3755797.676	704.52
LOCATION L0018707	VOLUME	494295.397	3755793.921	705.52
LOCATION L0018708	VOLUME	494303.123	3755790.166	706.53
LOCATION L0018709	VOLUME	494310.849	3755786.411	707.54
LOCATION L0018710	VOLUME	494318.574	3755782.656	708.55
LOCATION L0018711	VOLUME	494326.300	3755778.901	709.56
LOCATION L0018712	VOLUME	494334.026	3755775.146	710.56
LOCATION L0018713	VOLUME	494341.752	3755771.390	711.57
LOCATION L0018714	VOLUME	494349.477	3755767.635	712.58
LOCATION L0018715	VOLUME	494357.203	3755763.880	713.59

LOCATION L0018716	VOLUME	494364.929	3755760.125	714.60
LOCATION L0018717	VOLUME	494372.655	3755756.370	715.61
LOCATION L0018718	VOLUME	494380.380	3755752.615	716.61
LOCATION L0018719	VOLUME	494388.106	3755748.860	717.62
LOCATION L0018720	VOLUME	494395.832	3755745.104	718.63
LOCATION L0018721	VOLUME	494403.557	3755741.349	719.64
LOCATION L0018722	VOLUME	494411.283	3755737.594	720.65
LOCATION L0018723	VOLUME	494419.009	3755733.839	721.65
LOCATION L0018724	VOLUME	494426.735	3755730.084	722.66
LOCATION L0018725	VOLUME	494434.460	3755726.329	723.67
LOCATION L0018726	VOLUME	494442.186	3755722.574	724.68
LOCATION L0018727	VOLUME	494449.912	3755718.818	725.69
LOCATION L0018728	VOLUME	494457.638	3755715.063	726.70
LOCATION L0018729	VOLUME	494465.363	3755711.308	727.70
LOCATION L0018730	VOLUME	494473.089	3755707.553	728.71
LOCATION L0018731	VOLUME	494480.815	3755703.798	729.72
LOCATION L0018732	VOLUME	494488.541	3755700.043	730.73
LOCATION L0018733	VOLUME	494496.266	3755696.288	731.74
LOCATION L0018734	VOLUME	494503.992	3755692.532	732.74
LOCATION L0018735	VOLUME	494511.718	3755688.777	733.75
LOCATION L0018736	VOLUME	494519.444	3755685.022	734.76
LOCATION L0018737	VOLUME	494527.169	3755681.267	735.77
LOCATION L0018738	VOLUME	494534.895	3755677.512	736.78
LOCATION L0018739	VOLUME	494542.621	3755673.757	737.79
LOCATION L0018740	VOLUME	494550.346	3755670.002	738.79
LOCATION L0018741	VOLUME	494558.072	3755666.246	739.80
LOCATION L0018742	VOLUME	494565.798	3755662.491	740.81
LOCATION L0018743	VOLUME	494573.524	3755658.736	741.82
LOCATION L0018744	VOLUME	494581.249	3755654.981	742.83
LOCATION L0018745	VOLUME	494588.975	3755651.226	743.83
LOCATION L0018746	VOLUME	494596.701	3755647.471	744.84
LOCATION L0018747	VOLUME	494604.427	3755643.716	745.85
LOCATION L0018748	VOLUME	494612.152	3755639.960	746.86
LOCATION L0018749	VOLUME	494619.878	3755636.205	747.87
LOCATION L0018750	VOLUME	494627.604	3755632.450	748.88
LOCATION L0018751	VOLUME	494635.330	3755628.695	749.88
LOCATION L0018752	VOLUME	494643.055	3755624.940	750.89
LOCATION L0018753	VOLUME	494650.781	3755621.185	751.90
LOCATION L0018754	VOLUME	494658.507	3755617.430	752.91
LOCATION L0018755	VOLUME	494666.233	3755613.674	753.92
LOCATION L0018756	VOLUME	494673.958	3755609.919	754.92

** END OF LINE VOLUME SOURCE ID = SLINE10

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE11

** DESCRSRC ON-SITE TRAVEL BUILDING 1 (NORTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00005685

** VERTICAL DIMENSION = 6.99
 ** SZINIT = 3.25
 ** NODES = 4
 ** 496578.512, 3754686.290, 728.06, 3.49, 4.00
 ** 496641.472, 3754789.387, 717.09, 3.49, 4.00
 ** 495985.900, 3755200.202, 719.97, 3.49, 4.00
 ** 495845.027, 3754931.048, 712.80, 3.49, 4.00
 **

LOCATION L0018757	VOLUME	496580.750	3754689.956	727.67
LOCATION L0018758	VOLUME	496585.227	3754697.287	726.89
LOCATION L0018759	VOLUME	496589.704	3754704.618	726.11
LOCATION L0018760	VOLUME	496594.181	3754711.949	725.33
LOCATION L0018761	VOLUME	496598.658	3754719.280	724.55
LOCATION L0018762	VOLUME	496603.135	3754726.611	723.77
LOCATION L0018763	VOLUME	496607.612	3754733.942	722.99
LOCATION L0018764	VOLUME	496612.089	3754741.273	722.21
LOCATION L0018765	VOLUME	496616.566	3754748.604	721.43
LOCATION L0018766	VOLUME	496621.043	3754755.936	720.65
LOCATION L0018767	VOLUME	496625.520	3754763.267	719.87
LOCATION L0018768	VOLUME	496629.997	3754770.598	719.09
LOCATION L0018769	VOLUME	496634.474	3754777.929	718.31
LOCATION L0018770	VOLUME	496638.951	3754785.260	717.53
LOCATION L0018771	VOLUME	496638.291	3754791.381	717.10
LOCATION L0018772	VOLUME	496631.012	3754795.942	717.14
LOCATION L0018773	VOLUME	496623.734	3754800.503	717.17
LOCATION L0018774	VOLUME	496616.455	3754805.065	717.20
LOCATION L0018775	VOLUME	496609.176	3754809.626	717.23
LOCATION L0018776	VOLUME	496601.897	3754814.187	717.26
LOCATION L0018777	VOLUME	496594.618	3754818.749	717.30
LOCATION L0018778	VOLUME	496587.339	3754823.310	717.33
LOCATION L0018779	VOLUME	496580.060	3754827.871	717.36
LOCATION L0018780	VOLUME	496572.781	3754832.433	717.39
LOCATION L0018781	VOLUME	496565.502	3754836.994	717.42
LOCATION L0018782	VOLUME	496558.223	3754841.555	717.46
LOCATION L0018783	VOLUME	496550.945	3754846.117	717.49
LOCATION L0018784	VOLUME	496543.666	3754850.678	717.52
LOCATION L0018785	VOLUME	496536.387	3754855.239	717.55
LOCATION L0018786	VOLUME	496529.108	3754859.801	717.58
LOCATION L0018787	VOLUME	496521.829	3754864.362	717.62
LOCATION L0018788	VOLUME	496514.550	3754868.923	717.65
LOCATION L0018789	VOLUME	496507.271	3754873.485	717.68
LOCATION L0018790	VOLUME	496499.992	3754878.046	717.71
LOCATION L0018791	VOLUME	496492.713	3754882.607	717.74
LOCATION L0018792	VOLUME	496485.434	3754887.169	717.78
LOCATION L0018793	VOLUME	496478.156	3754891.730	717.81
LOCATION L0018794	VOLUME	496470.877	3754896.291	717.84
LOCATION L0018795	VOLUME	496463.598	3754900.852	717.87
LOCATION L0018796	VOLUME	496456.319	3754905.414	717.90
LOCATION L0018797	VOLUME	496449.040	3754909.975	717.94
LOCATION L0018798	VOLUME	496441.761	3754914.536	717.97

LOCATION L0018799	VOLUME	496434.482	3754919.098	718.00
LOCATION L0018800	VOLUME	496427.203	3754923.659	718.03
LOCATION L0018801	VOLUME	496419.924	3754928.220	718.06
LOCATION L0018802	VOLUME	496412.645	3754932.782	718.10
LOCATION L0018803	VOLUME	496405.367	3754937.343	718.13
LOCATION L0018804	VOLUME	496398.088	3754941.904	718.16
LOCATION L0018805	VOLUME	496390.809	3754946.466	718.19
LOCATION L0018806	VOLUME	496383.530	3754951.027	718.22
LOCATION L0018807	VOLUME	496376.251	3754955.588	718.26
LOCATION L0018808	VOLUME	496368.972	3754960.150	718.29
LOCATION L0018809	VOLUME	496361.693	3754964.711	718.32
LOCATION L0018810	VOLUME	496354.414	3754969.272	718.35
LOCATION L0018811	VOLUME	496347.135	3754973.834	718.38
LOCATION L0018812	VOLUME	496339.856	3754978.395	718.42
LOCATION L0018813	VOLUME	496332.578	3754982.956	718.45
LOCATION L0018814	VOLUME	496325.299	3754987.518	718.48
LOCATION L0018815	VOLUME	496318.020	3754992.079	718.51
LOCATION L0018816	VOLUME	496310.741	3754996.640	718.54
LOCATION L0018817	VOLUME	496303.462	3755001.202	718.57
LOCATION L0018818	VOLUME	496296.183	3755005.763	718.61
LOCATION L0018819	VOLUME	496288.904	3755010.324	718.64
LOCATION L0018820	VOLUME	496281.625	3755014.886	718.67
LOCATION L0018821	VOLUME	496274.346	3755019.447	718.70
LOCATION L0018822	VOLUME	496267.067	3755024.008	718.73
LOCATION L0018823	VOLUME	496259.789	3755028.570	718.77
LOCATION L0018824	VOLUME	496252.510	3755033.131	718.80
LOCATION L0018825	VOLUME	496245.231	3755037.692	718.83
LOCATION L0018826	VOLUME	496237.952	3755042.254	718.86
LOCATION L0018827	VOLUME	496230.673	3755046.815	718.89
LOCATION L0018828	VOLUME	496223.394	3755051.376	718.93
LOCATION L0018829	VOLUME	496216.115	3755055.938	718.96
LOCATION L0018830	VOLUME	496208.836	3755060.499	718.99
LOCATION L0018831	VOLUME	496201.557	3755065.060	719.02
LOCATION L0018832	VOLUME	496194.278	3755069.622	719.05
LOCATION L0018833	VOLUME	496187.000	3755074.183	719.09
LOCATION L0018834	VOLUME	496179.721	3755078.744	719.12
LOCATION L0018835	VOLUME	496172.442	3755083.306	719.15
LOCATION L0018836	VOLUME	496165.163	3755087.867	719.18
LOCATION L0018837	VOLUME	496157.884	3755092.428	719.21
LOCATION L0018838	VOLUME	496150.605	3755096.990	719.25
LOCATION L0018839	VOLUME	496143.326	3755101.551	719.28
LOCATION L0018840	VOLUME	496136.047	3755106.112	719.31
LOCATION L0018841	VOLUME	496128.768	3755110.674	719.34
LOCATION L0018842	VOLUME	496121.489	3755115.235	719.37
LOCATION L0018843	VOLUME	496114.211	3755119.796	719.41
LOCATION L0018844	VOLUME	496106.932	3755124.358	719.44
LOCATION L0018845	VOLUME	496099.653	3755128.919	719.47
LOCATION L0018846	VOLUME	496092.374	3755133.480	719.50
LOCATION L0018847	VOLUME	496085.095	3755138.042	719.53
LOCATION L0018848	VOLUME	496077.816	3755142.603	719.57

LOCATION L0018849	VOLUME	496070.537	3755147.164	719.60
LOCATION L0018850	VOLUME	496063.258	3755151.726	719.63
LOCATION L0018851	VOLUME	496055.979	3755156.287	719.66
LOCATION L0018852	VOLUME	496048.700	3755160.848	719.69
LOCATION L0018853	VOLUME	496041.422	3755165.409	719.73
LOCATION L0018854	VOLUME	496034.143	3755169.971	719.76
LOCATION L0018855	VOLUME	496026.864	3755174.532	719.79
LOCATION L0018856	VOLUME	496019.585	3755179.093	719.82
LOCATION L0018857	VOLUME	496012.306	3755183.655	719.85
LOCATION L0018858	VOLUME	496005.027	3755188.216	719.89
LOCATION L0018859	VOLUME	495997.748	3755192.777	719.92
LOCATION L0018860	VOLUME	495990.469	3755197.339	719.95
LOCATION L0018861	VOLUME	495984.417	3755197.369	719.89
LOCATION L0018862	VOLUME	495980.434	3755189.759	719.69
LOCATION L0018863	VOLUME	495976.450	3755182.148	719.49
LOCATION L0018864	VOLUME	495972.467	3755174.537	719.29
LOCATION L0018865	VOLUME	495968.484	3755166.927	719.08
LOCATION L0018866	VOLUME	495964.500	3755159.316	718.88
LOCATION L0018867	VOLUME	495960.517	3755151.706	718.68
LOCATION L0018868	VOLUME	495956.534	3755144.095	718.48
LOCATION L0018869	VOLUME	495952.550	3755136.484	718.27
LOCATION L0018870	VOLUME	495948.567	3755128.874	718.07
LOCATION L0018871	VOLUME	495944.584	3755121.263	717.87
LOCATION L0018872	VOLUME	495940.601	3755113.653	717.66
LOCATION L0018873	VOLUME	495936.617	3755106.042	717.46
LOCATION L0018874	VOLUME	495932.634	3755098.431	717.26
LOCATION L0018875	VOLUME	495928.651	3755090.821	717.06
LOCATION L0018876	VOLUME	495924.667	3755083.210	716.85
LOCATION L0018877	VOLUME	495920.684	3755075.600	716.65
LOCATION L0018878	VOLUME	495916.701	3755067.989	716.45
LOCATION L0018879	VOLUME	495912.717	3755060.378	716.25
LOCATION L0018880	VOLUME	495908.734	3755052.768	716.04
LOCATION L0018881	VOLUME	495904.751	3755045.157	715.84
LOCATION L0018882	VOLUME	495900.767	3755037.547	715.64
LOCATION L0018883	VOLUME	495896.784	3755029.936	715.43
LOCATION L0018884	VOLUME	495892.801	3755022.325	715.23
LOCATION L0018885	VOLUME	495888.817	3755014.715	715.03
LOCATION L0018886	VOLUME	495884.834	3755007.104	714.83
LOCATION L0018887	VOLUME	495880.851	3754999.494	714.62
LOCATION L0018888	VOLUME	495876.867	3754991.883	714.42
LOCATION L0018889	VOLUME	495872.884	3754984.272	714.22
LOCATION L0018890	VOLUME	495868.901	3754976.662	714.02
LOCATION L0018891	VOLUME	495864.917	3754969.051	713.81
LOCATION L0018892	VOLUME	495860.934	3754961.441	713.61
LOCATION L0018893	VOLUME	495856.951	3754953.830	713.41
LOCATION L0018894	VOLUME	495852.967	3754946.219	713.20
LOCATION L0018895	VOLUME	495848.984	3754938.609	713.00

** END OF LINE VOLUME SOURCE ID = SLINE11

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

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** LINE VOLUME SOURCE ID = SLINE12
** DESCRSRC ON-SITE TRAVEL BUILDING 1 (SOUTH)
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00004017
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 5
** 496575.364, 3754682.355, 729.32, 3.49, 4.00
** 496523.422, 3754594.211, 739.06, 3.49, 4.00
** 496493.516, 3754587.915, 739.61, 3.49, 4.00
** 495902.478, 3754944.427, 742.22, 3.49, 4.00
** 495887.525, 3754926.326, 732.36, 3.49, 4.00
**

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LOCATION	VOLUME			
L0018896	496573.183	3754678.655	729.73	
L0018897	496568.822	3754671.254	730.55	
L0018898	496564.461	3754663.854	731.36	
L0018899	496560.100	3754656.453	732.18	
L0018900	496555.739	3754649.053	733.00	
L0018901	496551.378	3754641.652	733.82	
L0018902	496547.017	3754634.251	734.64	
L0018903	496542.656	3754626.851	735.45	
L0018904	496538.295	3754619.450	736.27	
L0018905	496533.934	3754612.049	737.09	
L0018906	496529.573	3754604.649	737.91	
L0018907	496525.211	3754597.248	738.72	
L0018908	496518.466	3754593.168	739.15	
L0018909	496510.060	3754591.398	739.31	
L0018910	496501.654	3754589.629	739.46	
L0018911	496493.282	3754588.056	739.61	
L0018912	496485.926	3754592.493	739.64	
L0018913	496478.571	3754596.930	739.68	
L0018914	496471.215	3754601.367	739.71	
L0018915	496463.860	3754605.803	739.74	
L0018916	496456.504	3754610.240	739.77	
L0018917	496449.149	3754614.677	739.81	
L0018918	496441.793	3754619.114	739.84	
L0018919	496434.438	3754623.551	739.87	
L0018920	496427.082	3754627.987	739.90	
L0018921	496419.727	3754632.424	739.94	
L0018922	496412.372	3754636.861	739.97	
L0018923	496405.016	3754641.298	740.00	
L0018924	496397.661	3754645.735	740.03	
L0018925	496390.305	3754650.171	740.07	
L0018926	496382.950	3754654.608	740.10	
L0018927	496375.594	3754659.045	740.13	
L0018928	496368.239	3754663.482	740.16	
L0018929	496360.883	3754667.919	740.20	
L0018930	496353.528	3754672.355	740.23	

LOCATION	L0018931	VOLUME	496346.172	3754676.792	740.26
LOCATION	L0018932	VOLUME	496338.817	3754681.229	740.29
LOCATION	L0018933	VOLUME	496331.461	3754685.666	740.33
LOCATION	L0018934	VOLUME	496324.106	3754690.102	740.36
LOCATION	L0018935	VOLUME	496316.750	3754694.539	740.39
LOCATION	L0018936	VOLUME	496309.395	3754698.976	740.42
LOCATION	L0018937	VOLUME	496302.039	3754703.413	740.46
LOCATION	L0018938	VOLUME	496294.684	3754707.850	740.49
LOCATION	L0018939	VOLUME	496287.328	3754712.286	740.52
LOCATION	L0018940	VOLUME	496279.973	3754716.723	740.55
LOCATION	L0018941	VOLUME	496272.618	3754721.160	740.59
LOCATION	L0018942	VOLUME	496265.262	3754725.597	740.62
LOCATION	L0018943	VOLUME	496257.907	3754730.034	740.65
LOCATION	L0018944	VOLUME	496250.551	3754734.470	740.68
LOCATION	L0018945	VOLUME	496243.196	3754738.907	740.72
LOCATION	L0018946	VOLUME	496235.840	3754743.344	740.75
LOCATION	L0018947	VOLUME	496228.485	3754747.781	740.78
LOCATION	L0018948	VOLUME	496221.129	3754752.218	740.81
LOCATION	L0018949	VOLUME	496213.774	3754756.654	740.85
LOCATION	L0018950	VOLUME	496206.418	3754761.091	740.88
LOCATION	L0018951	VOLUME	496199.063	3754765.528	740.91
LOCATION	L0018952	VOLUME	496191.707	3754769.965	740.94
LOCATION	L0018953	VOLUME	496184.352	3754774.401	740.98
LOCATION	L0018954	VOLUME	496176.996	3754778.838	741.01
LOCATION	L0018955	VOLUME	496169.641	3754783.275	741.04
LOCATION	L0018956	VOLUME	496162.285	3754787.712	741.07
LOCATION	L0018957	VOLUME	496154.930	3754792.149	741.11
LOCATION	L0018958	VOLUME	496147.574	3754796.585	741.14
LOCATION	L0018959	VOLUME	496140.219	3754801.022	741.17
LOCATION	L0018960	VOLUME	496132.864	3754805.459	741.20
LOCATION	L0018961	VOLUME	496125.508	3754809.896	741.24
LOCATION	L0018962	VOLUME	496118.153	3754814.333	741.27
LOCATION	L0018963	VOLUME	496110.797	3754818.769	741.30
LOCATION	L0018964	VOLUME	496103.442	3754823.206	741.33
LOCATION	L0018965	VOLUME	496096.086	3754827.643	741.37
LOCATION	L0018966	VOLUME	496088.731	3754832.080	741.40
LOCATION	L0018967	VOLUME	496081.375	3754836.517	741.43
LOCATION	L0018968	VOLUME	496074.020	3754840.953	741.46
LOCATION	L0018969	VOLUME	496066.664	3754845.390	741.49
LOCATION	L0018970	VOLUME	496059.309	3754849.827	741.53
LOCATION	L0018971	VOLUME	496051.953	3754854.264	741.56
LOCATION	L0018972	VOLUME	496044.598	3754858.700	741.59
LOCATION	L0018973	VOLUME	496037.242	3754863.137	741.62
LOCATION	L0018974	VOLUME	496029.887	3754867.574	741.66
LOCATION	L0018975	VOLUME	496022.531	3754872.011	741.69
LOCATION	L0018976	VOLUME	496015.176	3754876.448	741.72
LOCATION	L0018977	VOLUME	496007.820	3754880.884	741.75
LOCATION	L0018978	VOLUME	496000.465	3754885.321	741.79
LOCATION	L0018979	VOLUME	495993.110	3754889.758	741.82
LOCATION	L0018980	VOLUME	495985.754	3754894.195	741.85

LOCATION L0018981	VOLUME	495978.399	3754898.632	741.88
LOCATION L0018982	VOLUME	495971.043	3754903.068	741.92
LOCATION L0018983	VOLUME	495963.688	3754907.505	741.95
LOCATION L0018984	VOLUME	495956.332	3754911.942	741.98
LOCATION L0018985	VOLUME	495948.977	3754916.379	742.01
LOCATION L0018986	VOLUME	495941.621	3754920.816	742.05
LOCATION L0018987	VOLUME	495934.266	3754925.252	742.08
LOCATION L0018988	VOLUME	495926.910	3754929.689	742.11
LOCATION L0018989	VOLUME	495919.555	3754934.126	742.14
LOCATION L0018990	VOLUME	495912.199	3754938.563	742.18
LOCATION L0018991	VOLUME	495904.844	3754943.000	742.21
LOCATION L0018992	VOLUME	495898.767	3754939.935	739.77
LOCATION L0018993	VOLUME	495893.296	3754933.312	736.17
LOCATION L0018994	VOLUME	495887.825	3754926.689	732.56

** END OF LINE VOLUME SOURCE ID = SLINE12

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE13

** DESCRSRC ON-SITE TRAVEL BUILDING 2 (NORTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00001255

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 495980.337, 3755201.751, 720.13, 3.49, 4.00

** 495509.091, 3755408.133, 693.01, 3.49, 4.00

**

LOCATION L0019094	VOLUME	495976.402	3755203.474	719.90
LOCATION L0019095	VOLUME	495968.534	3755206.920	719.45
LOCATION L0019096	VOLUME	495960.665	3755210.366	719.00
LOCATION L0019097	VOLUME	495952.797	3755213.812	718.55
LOCATION L0019098	VOLUME	495944.928	3755217.258	718.09
LOCATION L0019099	VOLUME	495937.060	3755220.704	717.64
LOCATION L0019100	VOLUME	495929.191	3755224.150	717.19
LOCATION L0019101	VOLUME	495921.323	3755227.596	716.73
LOCATION L0019102	VOLUME	495913.454	3755231.042	716.28
LOCATION L0019103	VOLUME	495905.586	3755234.488	715.83
LOCATION L0019104	VOLUME	495897.717	3755237.934	715.38
LOCATION L0019105	VOLUME	495889.849	3755241.380	714.92
LOCATION L0019106	VOLUME	495881.980	3755244.826	714.47
LOCATION L0019107	VOLUME	495874.112	3755248.272	714.02
LOCATION L0019108	VOLUME	495866.243	3755251.718	713.56
LOCATION L0019109	VOLUME	495858.375	3755255.164	713.11
LOCATION L0019110	VOLUME	495850.506	3755258.610	712.66
LOCATION L0019111	VOLUME	495842.638	3755262.056	712.21
LOCATION L0019112	VOLUME	495834.769	3755265.502	711.75
LOCATION L0019113	VOLUME	495826.901	3755268.948	711.30
LOCATION L0019114	VOLUME	495819.032	3755272.394	710.85

LOCATION L0019115	VOLUME	495811.164	3755275.840	710.39
LOCATION L0019116	VOLUME	495803.296	3755279.286	709.94
LOCATION L0019117	VOLUME	495795.427	3755282.732	709.49
LOCATION L0019118	VOLUME	495787.559	3755286.178	709.04
LOCATION L0019119	VOLUME	495779.690	3755289.624	708.58
LOCATION L0019120	VOLUME	495771.822	3755293.070	708.13
LOCATION L0019121	VOLUME	495763.953	3755296.516	707.68
LOCATION L0019122	VOLUME	495756.085	3755299.962	707.22
LOCATION L0019123	VOLUME	495748.216	3755303.408	706.77
LOCATION L0019124	VOLUME	495740.348	3755306.854	706.32
LOCATION L0019125	VOLUME	495732.479	3755310.300	705.87
LOCATION L0019126	VOLUME	495724.611	3755313.746	705.41
LOCATION L0019127	VOLUME	495716.742	3755317.192	704.96
LOCATION L0019128	VOLUME	495708.874	3755320.638	704.51
LOCATION L0019129	VOLUME	495701.005	3755324.084	704.05
LOCATION L0019130	VOLUME	495693.137	3755327.530	703.60
LOCATION L0019131	VOLUME	495685.268	3755330.976	703.15
LOCATION L0019132	VOLUME	495677.400	3755334.422	702.70
LOCATION L0019133	VOLUME	495669.531	3755337.868	702.24
LOCATION L0019134	VOLUME	495661.663	3755341.314	701.79
LOCATION L0019135	VOLUME	495653.794	3755344.760	701.34
LOCATION L0019136	VOLUME	495645.926	3755348.206	700.88
LOCATION L0019137	VOLUME	495638.057	3755351.652	700.43
LOCATION L0019138	VOLUME	495630.189	3755355.098	699.98
LOCATION L0019139	VOLUME	495622.320	3755358.544	699.53
LOCATION L0019140	VOLUME	495614.452	3755361.990	699.07
LOCATION L0019141	VOLUME	495606.583	3755365.436	698.62
LOCATION L0019142	VOLUME	495598.715	3755368.882	698.17
LOCATION L0019143	VOLUME	495590.846	3755372.328	697.71
LOCATION L0019144	VOLUME	495582.978	3755375.774	697.26
LOCATION L0019145	VOLUME	495575.109	3755379.220	696.81
LOCATION L0019146	VOLUME	495567.241	3755382.666	696.36
LOCATION L0019147	VOLUME	495559.372	3755386.112	695.90
LOCATION L0019148	VOLUME	495551.504	3755389.558	695.45
LOCATION L0019149	VOLUME	495543.635	3755393.004	695.00
LOCATION L0019150	VOLUME	495535.767	3755396.450	694.55
LOCATION L0019151	VOLUME	495527.898	3755399.896	694.09
LOCATION L0019152	VOLUME	495520.030	3755403.342	693.64
LOCATION L0019153	VOLUME	495512.161	3755406.788	693.19

** END OF LINE VOLUME SOURCE ID = SLINE13

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE14

** DESCRSRC ON-SITE TRAVEL BUILDING 2 (SOUTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00001361

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25


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** NODES = 5
** 495825.188, 3754949.454, 696.74, 3.49, 4.00
** 495833.405, 3754977.003, 707.76, 3.49, 4.00
** 495393.092, 3755163.568, 735.32, 3.49, 4.00
** 495374.242, 3755163.085, 742.24, 3.49, 4.00
** 495362.158, 3755133.602, 742.70, 3.49, 4.00

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LOCATION L0019154      VOLUME  495826.415 3754953.569 698.39
LOCATION L0019155      VOLUME  495828.871 3754961.801 701.68
LOCATION L0019156      VOLUME  495831.326 3754970.033 704.97
LOCATION L0019157      VOLUME  495832.193 3754977.517 707.84
LOCATION L0019158      VOLUME  495824.283 3754980.868 708.33
LOCATION L0019159      VOLUME  495816.374 3754984.219 708.83
LOCATION L0019160      VOLUME  495808.465 3754987.571 709.32
LOCATION L0019161      VOLUME  495800.556 3754990.922 709.82
LOCATION L0019162      VOLUME  495792.646 3754994.273 710.31
LOCATION L0019163      VOLUME  495784.737 3754997.624 710.81
LOCATION L0019164      VOLUME  495776.828 3755000.976 711.30
LOCATION L0019165      VOLUME  495768.918 3755004.327 711.80
LOCATION L0019166      VOLUME  495761.009 3755007.678 712.29
LOCATION L0019167      VOLUME  495753.100 3755011.029 712.79
LOCATION L0019168      VOLUME  495745.190 3755014.381 713.28
LOCATION L0019169      VOLUME  495737.281 3755017.732 713.78
LOCATION L0019170      VOLUME  495729.372 3755021.083 714.27
LOCATION L0019171      VOLUME  495721.462 3755024.434 714.77
LOCATION L0019172      VOLUME  495713.553 3755027.786 715.26
LOCATION L0019173      VOLUME  495705.644 3755031.137 715.76
LOCATION L0019174      VOLUME  495697.734 3755034.488 716.25
LOCATION L0019175      VOLUME  495689.825 3755037.839 716.75
LOCATION L0019176      VOLUME  495681.916 3755041.191 717.24
LOCATION L0019177      VOLUME  495674.007 3755044.542 717.74
LOCATION L0019178      VOLUME  495666.097 3755047.893 718.23
LOCATION L0019179      VOLUME  495658.188 3755051.244 718.73
LOCATION L0019180      VOLUME  495650.279 3755054.596 719.22
LOCATION L0019181      VOLUME  495642.369 3755057.947 719.72
LOCATION L0019182      VOLUME  495634.460 3755061.298 720.21
LOCATION L0019183      VOLUME  495626.551 3755064.649 720.71
LOCATION L0019184      VOLUME  495618.641 3755068.001 721.20
LOCATION L0019185      VOLUME  495610.732 3755071.352 721.70
LOCATION L0019186      VOLUME  495602.823 3755074.703 722.19
LOCATION L0019187      VOLUME  495594.913 3755078.054 722.69
LOCATION L0019188      VOLUME  495587.004 3755081.406 723.18
LOCATION L0019189      VOLUME  495579.095 3755084.757 723.68
LOCATION L0019190      VOLUME  495571.186 3755088.108 724.17
LOCATION L0019191      VOLUME  495563.276 3755091.459 724.67
LOCATION L0019192      VOLUME  495555.367 3755094.811 725.16
LOCATION L0019193      VOLUME  495547.458 3755098.162 725.66
LOCATION L0019194      VOLUME  495539.548 3755101.513 726.15
LOCATION L0019195      VOLUME  495531.639 3755104.864 726.65
LOCATION L0019196      VOLUME  495523.730 3755108.216 727.14

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LOCATION L0019197	VOLUME	495515.820	3755111.567	727.64
LOCATION L0019198	VOLUME	495507.911	3755114.918	728.13
LOCATION L0019199	VOLUME	495500.002	3755118.270	728.63
LOCATION L0019200	VOLUME	495492.092	3755121.621	729.12
LOCATION L0019201	VOLUME	495484.183	3755124.972	729.62
LOCATION L0019202	VOLUME	495476.274	3755128.323	730.11
LOCATION L0019203	VOLUME	495468.365	3755131.675	730.61
LOCATION L0019204	VOLUME	495460.455	3755135.026	731.10
LOCATION L0019205	VOLUME	495452.546	3755138.377	731.60
LOCATION L0019206	VOLUME	495444.637	3755141.728	732.09
LOCATION L0019207	VOLUME	495436.727	3755145.080	732.59
LOCATION L0019208	VOLUME	495428.818	3755148.431	733.08
LOCATION L0019209	VOLUME	495420.909	3755151.782	733.58
LOCATION L0019210	VOLUME	495412.999	3755155.133	734.07
LOCATION L0019211	VOLUME	495405.090	3755158.485	734.57
LOCATION L0019212	VOLUME	495397.181	3755161.836	735.06
LOCATION L0019213	VOLUME	495388.944	3755163.462	736.84
LOCATION L0019214	VOLUME	495380.357	3755163.242	740.00
LOCATION L0019215	VOLUME	495373.304	3755160.797	742.28
LOCATION L0019216	VOLUME	495370.046	3755152.849	742.40
LOCATION L0019217	VOLUME	495366.789	3755144.900	742.52
LOCATION L0019218	VOLUME	495363.531	3755136.952	742.65

** END OF LINE VOLUME SOURCE ID = SLINE14

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE15

** DESCRSRC ON-SITE TRAVEL BUILDING 3 (EAST)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00001269

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 7

** 495381.851, 3755177.842, 740.39, 3.49, 4.00

** 495515.513, 3755437.386, 691.85, 3.49, 4.00

** 495476.616, 3755457.895, 694.03, 3.49, 4.00

** 495313.253, 3755189.158, 735.50, 3.49, 4.00

** 495295.573, 3755158.041, 740.32, 3.49, 4.00

** 495336.590, 3755145.311, 748.81, 3.49, 4.00

** 495355.685, 3755143.189, 746.67, 3.49, 4.00

**

LOCATION L0019219	VOLUME	495383.818	3755181.661	739.68
LOCATION L0019220	VOLUME	495387.751	3755189.298	738.25
LOCATION L0019221	VOLUME	495391.683	3755196.934	736.82
LOCATION L0019222	VOLUME	495395.616	3755204.571	735.39
LOCATION L0019223	VOLUME	495399.549	3755212.208	733.96
LOCATION L0019224	VOLUME	495403.482	3755219.845	732.53
LOCATION L0019225	VOLUME	495407.415	3755227.482	731.11
LOCATION L0019226	VOLUME	495411.348	3755235.118	729.68

LOCATION	L0019227	VOLUME	495415.281	3755242.755	728.25
LOCATION	L0019228	VOLUME	495419.213	3755250.392	726.82
LOCATION	L0019229	VOLUME	495423.146	3755258.029	725.39
LOCATION	L0019230	VOLUME	495427.079	3755265.666	723.97
LOCATION	L0019231	VOLUME	495431.012	3755273.302	722.54
LOCATION	L0019232	VOLUME	495434.945	3755280.939	721.11
LOCATION	L0019233	VOLUME	495438.878	3755288.576	719.68
LOCATION	L0019234	VOLUME	495442.810	3755296.213	718.25
LOCATION	L0019235	VOLUME	495446.743	3755303.850	716.82
LOCATION	L0019236	VOLUME	495450.676	3755311.486	715.40
LOCATION	L0019237	VOLUME	495454.609	3755319.123	713.97
LOCATION	L0019238	VOLUME	495458.542	3755326.760	712.54
LOCATION	L0019239	VOLUME	495462.475	3755334.397	711.11
LOCATION	L0019240	VOLUME	495466.408	3755342.034	709.68
LOCATION	L0019241	VOLUME	495470.340	3755349.670	708.25
LOCATION	L0019242	VOLUME	495474.273	3755357.307	706.83
LOCATION	L0019243	VOLUME	495478.206	3755364.944	705.40
LOCATION	L0019244	VOLUME	495482.139	3755372.581	703.97
LOCATION	L0019245	VOLUME	495486.072	3755380.218	702.54
LOCATION	L0019246	VOLUME	495490.005	3755387.855	701.11
LOCATION	L0019247	VOLUME	495493.938	3755395.491	699.69
LOCATION	L0019248	VOLUME	495497.870	3755403.128	698.26
LOCATION	L0019249	VOLUME	495501.803	3755410.765	696.83
LOCATION	L0019250	VOLUME	495505.736	3755418.402	695.40
LOCATION	L0019251	VOLUME	495509.669	3755426.039	693.97
LOCATION	L0019252	VOLUME	495513.602	3755433.675	692.54
LOCATION	L0019253	VOLUME	495517.535	3755441.312	691.11
LOCATION	L0019254	VOLUME	495521.468	3755448.949	689.68
LOCATION	L0019255	VOLUME	495525.401	3755456.586	688.25
LOCATION	L0019256	VOLUME	495529.334	3755464.223	686.82
LOCATION	L0019257	VOLUME	495533.267	3755471.860	685.39
LOCATION	L0019258	VOLUME	495537.200	3755479.497	683.96
LOCATION	L0019259	VOLUME	495541.133	3755487.134	682.53
LOCATION	L0019260	VOLUME	495545.066	3755494.771	681.10
LOCATION	L0019261	VOLUME	495549.000	3755502.408	679.67
LOCATION	L0019262	VOLUME	495552.933	3755510.045	678.24
LOCATION	L0019263	VOLUME	495556.866	3755517.682	676.81
LOCATION	L0019264	VOLUME	495560.799	3755525.319	675.38
LOCATION	L0019265	VOLUME	495564.732	3755532.956	673.95
LOCATION	L0019266	VOLUME	495568.665	3755540.593	672.52
LOCATION	L0019267	VOLUME	495572.598	3755548.230	671.09
LOCATION	L0019268	VOLUME	495576.531	3755555.867	669.66
LOCATION	L0019269	VOLUME	495580.464	3755563.504	668.23
LOCATION	L0019270	VOLUME	495584.397	3755571.141	666.80
LOCATION	L0019271	VOLUME	495588.330	3755578.778	665.37
LOCATION	L0019272	VOLUME	495592.263	3755586.415	663.94
LOCATION	L0019273	VOLUME	495596.196	3755594.052	662.51
LOCATION	L0019274	VOLUME	495600.129	3755601.689	661.08
LOCATION	L0019275	VOLUME	495604.062	3755609.326	659.65
LOCATION	L0019276	VOLUME	495608.000	3755616.963	658.22

LOCATION	VOLUME				
L0019277	495390.074	3755315.531	716.00		
L0019278	495385.612	3755308.191	717.13		
L0019279	495381.150	3755300.850	718.26		
L0019280	495376.688	3755293.510	719.40		
L0019281	495372.226	3755286.170	720.53		
L0019282	495367.764	3755278.830	721.66		
L0019283	495363.302	3755271.490	722.79		
L0019284	495358.840	3755264.150	723.93		
L0019285	495354.378	3755256.809	725.06		
L0019286	495349.916	3755249.469	726.19		
L0019287	495345.454	3755242.129	727.33		
L0019288	495340.992	3755234.789	728.46		
L0019289	495336.530	3755227.449	729.59		
L0019290	495332.067	3755220.109	730.72		
L0019291	495327.605	3755212.768	731.86		
L0019292	495323.143	3755205.428	732.99		
L0019293	495318.681	3755198.088	734.12		
L0019294	495314.219	3755190.748	735.25		
L0019295	495309.928	3755183.307	736.41		
L0019296	495305.685	3755175.838	737.56		
L0019297	495301.441	3755168.370	738.72		
L0019298	495297.198	3755160.901	739.88		
L0019299	495300.634	3755156.470	741.37		
L0019300	495308.838	3755153.924	743.07		
L0019301	495317.042	3755151.378	744.76		
L0019302	495325.246	3755148.832	746.46		
L0019303	495333.450	3755146.285	748.16		
L0019304	495341.860	3755144.725	748.22		
L0019305	495350.398	3755143.777	747.26		

** END OF LINE VOLUME SOURCE ID = SLINE15

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE16

** DESCRSRC ON-SITE TRAVEL BUILDING 3 (WEST)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 5.611E-06

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 2

** 495255.262, 3755572.462, 712.24, 3.49, 4.00

** 495081.290, 3755290.995, 736.61, 3.49, 4.00

**

L0019306	495253.004	3755568.808	712.56		
L0019307	495248.487	3755561.501	713.19		
L0019308	495243.971	3755554.194	713.82		
L0019309	495239.455	3755546.887	714.45		
L0019310	495234.938	3755539.581	715.09		
L0019311	495230.422	3755532.274	715.72		

LOCATION L0019312	VOLUME	495225.906	3755524.967	716.35
LOCATION L0019313	VOLUME	495221.389	3755517.660	716.98
LOCATION L0019314	VOLUME	495216.873	3755510.353	717.62
LOCATION L0019315	VOLUME	495212.357	3755503.046	718.25
LOCATION L0019316	VOLUME	495207.841	3755495.739	718.88
LOCATION L0019317	VOLUME	495203.324	3755488.432	719.52
LOCATION L0019318	VOLUME	495198.808	3755481.125	720.15
LOCATION L0019319	VOLUME	495194.292	3755473.818	720.78
LOCATION L0019320	VOLUME	495189.775	3755466.511	721.41
LOCATION L0019321	VOLUME	495185.259	3755459.205	722.05
LOCATION L0019322	VOLUME	495180.743	3755451.898	722.68
LOCATION L0019323	VOLUME	495176.226	3755444.591	723.31
LOCATION L0019324	VOLUME	495171.710	3755437.284	723.94
LOCATION L0019325	VOLUME	495167.194	3755429.977	724.58
LOCATION L0019326	VOLUME	495162.677	3755422.670	725.21
LOCATION L0019327	VOLUME	495158.161	3755415.363	725.84
LOCATION L0019328	VOLUME	495153.645	3755408.056	726.47
LOCATION L0019329	VOLUME	495149.128	3755400.749	727.11
LOCATION L0019330	VOLUME	495144.612	3755393.442	727.74
LOCATION L0019331	VOLUME	495140.096	3755386.136	728.37
LOCATION L0019332	VOLUME	495135.579	3755378.829	729.01
LOCATION L0019333	VOLUME	495131.063	3755371.522	729.64
LOCATION L0019334	VOLUME	495126.547	3755364.215	730.27
LOCATION L0019335	VOLUME	495122.030	3755356.908	730.90
LOCATION L0019336	VOLUME	495117.514	3755349.601	731.54
LOCATION L0019337	VOLUME	495112.998	3755342.294	732.17
LOCATION L0019338	VOLUME	495108.481	3755334.987	732.80
LOCATION L0019339	VOLUME	495103.965	3755327.680	733.43
LOCATION L0019340	VOLUME	495099.449	3755320.373	734.07
LOCATION L0019341	VOLUME	495094.932	3755313.066	734.70
LOCATION L0019342	VOLUME	495090.416	3755305.760	735.33
LOCATION L0019343	VOLUME	495085.900	3755298.453	735.96
LOCATION L0019344	VOLUME	495081.383	3755291.146	736.60

** END OF LINE VOLUME SOURCE ID = SLINE16

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE17

** DESCRSRC ON-SITE TRAVEL BUILDING 4 (NORTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00001004

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 7

** 494848.620, 3755789.573, 696.09, 3.49, 4.00

** 494878.323, 3755774.722, 695.62, 3.49, 4.00

** 494899.539, 3755755.627, 693.64, 3.49, 4.00

** 495043.808, 3755671.470, 710.21, 3.49, 4.00

** 495188.078, 3755595.799, 729.93, 3.49, 4.00

** 495220.281, 3755593.824, 708.31, 3.49, 4.00

** 495098.263, 3755390.710, 755.82, 3.49, 4.00

**

LOCATION	L0020965	VOLUME	494852.462	3755787.652	696.03
LOCATION	L0020966	VOLUME	494860.145	3755783.811	695.91
LOCATION	L0020967	VOLUME	494867.828	3755779.969	695.79
LOCATION	L0020968	VOLUME	494875.511	3755776.127	695.66
LOCATION	L0020969	VOLUME	494882.371	3755771.078	695.24
LOCATION	L0020970	VOLUME	494888.756	3755765.332	694.65
LOCATION	L0020971	VOLUME	494895.141	3755759.585	694.05
LOCATION	L0020972	VOLUME	494901.848	3755754.280	693.91
LOCATION	L0020973	VOLUME	494909.268	3755749.952	694.76
LOCATION	L0020974	VOLUME	494916.688	3755745.624	695.61
LOCATION	L0020975	VOLUME	494924.108	3755741.295	696.46
LOCATION	L0020976	VOLUME	494931.527	3755736.967	697.31
LOCATION	L0020977	VOLUME	494938.947	3755732.639	698.17
LOCATION	L0020978	VOLUME	494946.367	3755728.311	699.02
LOCATION	L0020979	VOLUME	494953.787	3755723.982	699.87
LOCATION	L0020980	VOLUME	494961.207	3755719.654	700.72
LOCATION	L0020981	VOLUME	494968.627	3755715.326	701.58
LOCATION	L0020982	VOLUME	494976.047	3755710.998	702.43
LOCATION	L0020983	VOLUME	494983.466	3755706.669	703.28
LOCATION	L0020984	VOLUME	494990.886	3755702.341	704.13
LOCATION	L0020985	VOLUME	494998.306	3755698.013	704.98
LOCATION	L0020986	VOLUME	495005.726	3755693.685	705.84
LOCATION	L0020987	VOLUME	495013.146	3755689.356	706.69
LOCATION	L0020988	VOLUME	495020.566	3755685.028	707.54
LOCATION	L0020989	VOLUME	495027.986	3755680.700	708.39
LOCATION	L0020990	VOLUME	495035.405	3755676.372	709.24
LOCATION	L0020991	VOLUME	495042.825	3755672.043	710.10
LOCATION	L0020992	VOLUME	495050.408	3755668.009	711.11
LOCATION	L0020993	VOLUME	495058.015	3755664.019	712.15
LOCATION	L0020994	VOLUME	495065.622	3755660.029	713.19
LOCATION	L0020995	VOLUME	495073.229	3755656.039	714.23
LOCATION	L0020996	VOLUME	495080.836	3755652.049	715.27
LOCATION	L0020997	VOLUME	495088.443	3755648.059	716.31
LOCATION	L0020998	VOLUME	495096.050	3755644.069	717.35
LOCATION	L0020999	VOLUME	495103.657	3755640.079	718.39
LOCATION	L0021000	VOLUME	495111.264	3755636.089	719.43
LOCATION	L0021001	VOLUME	495118.872	3755632.099	720.47
LOCATION	L0021002	VOLUME	495126.479	3755628.109	721.51
LOCATION	L0021003	VOLUME	495134.086	3755624.119	722.55
LOCATION	L0021004	VOLUME	495141.693	3755620.129	723.59
LOCATION	L0021005	VOLUME	495149.300	3755616.139	724.63
LOCATION	L0021006	VOLUME	495156.907	3755612.149	725.67
LOCATION	L0021007	VOLUME	495164.514	3755608.159	726.71
LOCATION	L0021008	VOLUME	495172.121	3755604.169	727.75
LOCATION	L0021009	VOLUME	495179.728	3755600.179	728.79
LOCATION	L0021010	VOLUME	495187.335	3755596.189	729.83
LOCATION	L0021011	VOLUME	495195.815	3755595.325	724.74

LOCATION	VOLUME				
L0021012	495204.389	3755594.799	718.98		
L0021013	495212.963	3755594.273	713.22		
L0021014	495219.633	3755592.745	708.56		
L0021015	495215.210	3755585.382	710.28		
L0021016	495210.786	3755578.018	712.01		
L0021017	495206.362	3755570.655	713.73		
L0021018	495201.939	3755563.291	715.45		
L0021019	495197.515	3755555.928	717.17		
L0021020	495193.092	3755548.564	718.90		
L0021021	495188.668	3755541.201	720.62		
L0021022	495184.245	3755533.837	722.34		
L0021023	495179.821	3755526.474	724.06		
L0021024	495175.398	3755519.110	725.79		
L0021025	495170.974	3755511.747	727.51		
L0021026	495166.551	3755504.384	729.23		
L0021027	495162.127	3755497.020	730.95		
L0021028	495157.704	3755489.657	732.68		
L0021029	495153.280	3755482.293	734.40		
L0021030	495148.857	3755474.930	736.12		
L0021031	495144.433	3755467.566	737.84		
L0021032	495140.010	3755460.203	739.57		
L0021033	495135.586	3755452.839	741.29		
L0021034	495131.163	3755445.476	743.01		
L0021035	495126.739	3755438.112	744.73		
L0021036	495122.316	3755430.749	746.45		
L0021037	495117.892	3755423.385	748.18		
L0021038	495113.469	3755416.022	749.90		
L0021039	495109.045	3755408.659	751.62		
L0021040	495104.622	3755401.295	753.34		
L0021041	495100.198	3755393.932	755.07		

** END OF LINE VOLUME SOURCE ID = SLINE17

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE18

** DESCRSRC ON-SITE TRAVEL BUILDING 4 (SOUTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 6.787E-06

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 7

** 494753.855, 3755550.538, 748.03, 3.49, 4.00

** 494771.535, 3755568.218, 736.03, 3.49, 4.00

** 494809.017, 3755551.246, 736.48, 3.49, 4.00

** 495075.632, 3755402.026, 748.90, 3.49, 4.00

** 495094.020, 3755390.710, 755.48, 3.49, 4.00

** 495077.047, 3755365.958, 728.37, 3.49, 4.00

** 495068.560, 3755344.035, 725.74, 3.49, 4.00

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LOCATION	L0019422	VOLUME	494756.892	3755553.575	745.97
LOCATION	L0019423	VOLUME	494762.966	3755559.649	741.85
LOCATION	L0019424	VOLUME	494769.040	3755565.723	737.72
LOCATION	L0019425	VOLUME	494776.146	3755566.130	736.09
LOCATION	L0019426	VOLUME	494783.971	3755562.587	736.18
LOCATION	L0019427	VOLUME	494791.796	3755559.044	736.27
LOCATION	L0019428	VOLUME	494799.621	3755555.500	736.37
LOCATION	L0019429	VOLUME	494807.446	3755551.957	736.46
LOCATION	L0019430	VOLUME	494815.008	3755547.892	736.76
LOCATION	L0019431	VOLUME	494822.504	3755543.697	737.11
LOCATION	L0019432	VOLUME	494830.000	3755539.502	737.46
LOCATION	L0019433	VOLUME	494837.496	3755535.306	737.81
LOCATION	L0019434	VOLUME	494844.992	3755531.111	738.16
LOCATION	L0019435	VOLUME	494852.488	3755526.916	738.51
LOCATION	L0019436	VOLUME	494859.983	3755522.720	738.85
LOCATION	L0019437	VOLUME	494867.479	3755518.525	739.20
LOCATION	L0019438	VOLUME	494874.975	3755514.330	739.55
LOCATION	L0019439	VOLUME	494882.471	3755510.135	739.90
LOCATION	L0019440	VOLUME	494889.967	3755505.939	740.25
LOCATION	L0019441	VOLUME	494897.463	3755501.744	740.60
LOCATION	L0019442	VOLUME	494904.958	3755497.549	740.95
LOCATION	L0019443	VOLUME	494912.454	3755493.353	741.30
LOCATION	L0019444	VOLUME	494919.950	3755489.158	741.65
LOCATION	L0019445	VOLUME	494927.446	3755484.963	742.00
LOCATION	L0019446	VOLUME	494934.942	3755480.768	742.35
LOCATION	L0019447	VOLUME	494942.438	3755476.572	742.70
LOCATION	L0019448	VOLUME	494949.934	3755472.377	743.04
LOCATION	L0019449	VOLUME	494957.429	3755468.182	743.39
LOCATION	L0019450	VOLUME	494964.925	3755463.986	743.74
LOCATION	L0019451	VOLUME	494972.421	3755459.791	744.09
LOCATION	L0019452	VOLUME	494979.917	3755455.596	744.44
LOCATION	L0019453	VOLUME	494987.413	3755451.401	744.79
LOCATION	L0019454	VOLUME	494994.909	3755447.205	745.14
LOCATION	L0019455	VOLUME	495002.404	3755443.010	745.49
LOCATION	L0019456	VOLUME	495009.900	3755438.815	745.84
LOCATION	L0019457	VOLUME	495017.396	3755434.619	746.19
LOCATION	L0019458	VOLUME	495024.892	3755430.424	746.54
LOCATION	L0019459	VOLUME	495032.388	3755426.229	746.89
LOCATION	L0019460	VOLUME	495039.884	3755422.034	747.23
LOCATION	L0019461	VOLUME	495047.380	3755417.838	747.58
LOCATION	L0019462	VOLUME	495054.875	3755413.643	747.93
LOCATION	L0019463	VOLUME	495062.371	3755409.448	748.28
LOCATION	L0019464	VOLUME	495069.867	3755405.252	748.63
LOCATION	L0019465	VOLUME	495077.321	3755400.986	749.50
LOCATION	L0019466	VOLUME	495084.637	3755396.484	752.12
LOCATION	L0019467	VOLUME	495091.953	3755391.982	754.74
LOCATION	L0019468	VOLUME	495090.534	3755385.628	749.91
LOCATION	L0019469	VOLUME	495085.676	3755378.543	742.15
LOCATION	L0019470	VOLUME	495080.819	3755371.459	734.39
LOCATION	L0019471	VOLUME	495076.353	3755364.167	728.16

LOCATION L0019472 VOLUME 495073.253 3755356.156 727.19
LOCATION L0019473 VOLUME 495070.152 3755348.146 726.23

** END OF LINE VOLUME SOURCE ID = SLINE18

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE19

** DESCRSRC ON-SITE TRAVEL BUILDING 5 (NORTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00003168

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 4

** 494229.022, 3755945.094, 701.04, 3.49, 4.00

** 494289.006, 3756067.231, 689.63, 3.49, 4.00

** 494846.211, 3755796.940, 693.01, 3.49, 4.00

** 494734.914, 3755559.893, 747.76, 3.49, 4.00

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LOCATION L0019474 VOLUME 494230.915 3755948.950 700.68
LOCATION L0019475 VOLUME 494234.702 3755956.660 699.96
LOCATION L0019476 VOLUME 494238.489 3755964.370 699.24
LOCATION L0019477 VOLUME 494242.275 3755972.080 698.52
LOCATION L0019478 VOLUME 494246.062 3755979.791 697.80
LOCATION L0019479 VOLUME 494249.849 3755987.501 697.08
LOCATION L0019480 VOLUME 494253.635 3755995.211 696.36
LOCATION L0019481 VOLUME 494257.422 3756002.922 695.64
LOCATION L0019482 VOLUME 494261.209 3756010.632 694.92
LOCATION L0019483 VOLUME 494264.996 3756018.342 694.20
LOCATION L0019484 VOLUME 494268.782 3756026.053 693.48
LOCATION L0019485 VOLUME 494272.569 3756033.763 692.76
LOCATION L0019486 VOLUME 494276.356 3756041.473 692.04
LOCATION L0019487 VOLUME 494280.142 3756049.184 691.32
LOCATION L0019488 VOLUME 494283.929 3756056.894 690.60
LOCATION L0019489 VOLUME 494287.716 3756064.604 689.88
LOCATION L0019490 VOLUME 494294.101 3756064.760 689.66
LOCATION L0019491 VOLUME 494301.830 3756061.011 689.71
LOCATION L0019492 VOLUME 494309.559 3756057.262 689.75
LOCATION L0019493 VOLUME 494317.288 3756053.512 689.80
LOCATION L0019494 VOLUME 494325.016 3756049.763 689.85
LOCATION L0019495 VOLUME 494332.745 3756046.014 689.90
LOCATION L0019496 VOLUME 494340.474 3756042.265 689.94
LOCATION L0019497 VOLUME 494348.202 3756038.516 689.99
LOCATION L0019498 VOLUME 494355.931 3756034.767 690.04
LOCATION L0019499 VOLUME 494363.660 3756031.018 690.08
LOCATION L0019500 VOLUME 494371.388 3756027.269 690.13
LOCATION L0019501 VOLUME 494379.117 3756023.520 690.18
LOCATION L0019502 VOLUME 494386.846 3756019.771 690.22
LOCATION L0019503 VOLUME 494394.574 3756016.022 690.27
LOCATION L0019504 VOLUME 494402.303 3756012.273 690.32

LOCATION	L0019505	VOLUME	494410.032	3756008.524	690.36
LOCATION	L0019506	VOLUME	494417.760	3756004.775	690.41
LOCATION	L0019507	VOLUME	494425.489	3756001.026	690.46
LOCATION	L0019508	VOLUME	494433.218	3755997.277	690.50
LOCATION	L0019509	VOLUME	494440.947	3755993.527	690.55
LOCATION	L0019510	VOLUME	494448.675	3755989.778	690.60
LOCATION	L0019511	VOLUME	494456.404	3755986.029	690.65
LOCATION	L0019512	VOLUME	494464.133	3755982.280	690.69
LOCATION	L0019513	VOLUME	494471.861	3755978.531	690.74
LOCATION	L0019514	VOLUME	494479.590	3755974.782	690.79
LOCATION	L0019515	VOLUME	494487.319	3755971.033	690.83
LOCATION	L0019516	VOLUME	494495.047	3755967.284	690.88
LOCATION	L0019517	VOLUME	494502.776	3755963.535	690.93
LOCATION	L0019518	VOLUME	494510.505	3755959.786	690.97
LOCATION	L0019519	VOLUME	494518.233	3755956.037	691.02
LOCATION	L0019520	VOLUME	494525.962	3755952.288	691.07
LOCATION	L0019521	VOLUME	494533.691	3755948.539	691.11
LOCATION	L0019522	VOLUME	494541.419	3755944.790	691.16
LOCATION	L0019523	VOLUME	494549.148	3755941.041	691.21
LOCATION	L0019524	VOLUME	494556.877	3755937.291	691.25
LOCATION	L0019525	VOLUME	494564.606	3755933.542	691.30
LOCATION	L0019526	VOLUME	494572.334	3755929.793	691.35
LOCATION	L0019527	VOLUME	494580.063	3755926.044	691.40
LOCATION	L0019528	VOLUME	494587.792	3755922.295	691.44
LOCATION	L0019529	VOLUME	494595.520	3755918.546	691.49
LOCATION	L0019530	VOLUME	494603.249	3755914.797	691.54
LOCATION	L0019531	VOLUME	494610.978	3755911.048	691.58
LOCATION	L0019532	VOLUME	494618.706	3755907.299	691.63
LOCATION	L0019533	VOLUME	494626.435	3755903.550	691.68
LOCATION	L0019534	VOLUME	494634.164	3755899.801	691.72
LOCATION	L0019535	VOLUME	494641.892	3755896.052	691.77
LOCATION	L0019536	VOLUME	494649.621	3755892.303	691.82
LOCATION	L0019537	VOLUME	494657.350	3755888.554	691.86
LOCATION	L0019538	VOLUME	494665.078	3755884.805	691.91
LOCATION	L0019539	VOLUME	494672.807	3755881.055	691.96
LOCATION	L0019540	VOLUME	494680.536	3755877.306	692.01
LOCATION	L0019541	VOLUME	494688.265	3755873.557	692.05
LOCATION	L0019542	VOLUME	494695.993	3755869.808	692.10
LOCATION	L0019543	VOLUME	494703.722	3755866.059	692.15
LOCATION	L0019544	VOLUME	494711.451	3755862.310	692.19
LOCATION	L0019545	VOLUME	494719.179	3755858.561	692.24
LOCATION	L0019546	VOLUME	494726.908	3755854.812	692.29
LOCATION	L0019547	VOLUME	494734.637	3755851.063	692.33
LOCATION	L0019548	VOLUME	494742.365	3755847.314	692.38
LOCATION	L0019549	VOLUME	494750.094	3755843.565	692.43
LOCATION	L0019550	VOLUME	494757.823	3755839.816	692.47
LOCATION	L0019551	VOLUME	494765.551	3755836.067	692.52
LOCATION	L0019552	VOLUME	494773.280	3755832.318	692.57
LOCATION	L0019553	VOLUME	494781.009	3755828.569	692.61
LOCATION	L0019554	VOLUME	494788.737	3755824.820	692.66

LOCATION	VOLUME	SOURCE ID	EMISSION RATE	VERTICAL DIMENSION	LENGTH OF SIDE	CONFIGURATION
L0019555	494796.466	3755821.070	692.71			
L0019556	494804.195	3755817.321	692.76			
L0019557	494811.924	3755813.572	692.80			
L0019558	494819.652	3755809.823	692.85			
L0019559	494827.381	3755806.074	692.90			
L0019560	494835.110	3755802.325	692.94			
L0019561	494842.838	3755798.576	692.99			
L0019562	494844.153	3755792.557	694.02			
L0019563	494840.502	3755784.782	695.82			
L0019564	494836.851	3755777.006	697.61			
L0019565	494833.201	3755769.231	699.41			
L0019566	494829.550	3755761.455	701.21			
L0019567	494825.899	3755753.679	703.00			
L0019568	494822.248	3755745.904	704.80			
L0019569	494818.598	3755738.128	706.59			
L0019570	494814.947	3755730.352	708.39			
L0019571	494811.296	3755722.577	710.19			
L0019572	494807.645	3755714.801	711.98			
L0019573	494803.995	3755707.026	713.78			
L0019574	494800.344	3755699.250	715.57			
L0019575	494796.693	3755691.474	717.37			
L0019576	494793.042	3755683.699	719.17			
L0019577	494789.392	3755675.923	720.96			
L0019578	494785.741	3755668.148	722.76			
L0019579	494782.090	3755660.372	724.55			
L0019580	494778.439	3755652.596	726.35			
L0019581	494774.789	3755644.821	728.14			
L0019582	494771.138	3755637.045	729.94			
L0019583	494767.487	3755629.270	731.74			
L0019584	494763.836	3755621.494	733.53			
L0019585	494760.186	3755613.718	735.33			
L0019586	494756.535	3755605.943	737.12			
L0019587	494752.884	3755598.167	738.92			
L0019588	494749.233	3755590.391	740.72			
L0019589	494745.583	3755582.616	742.51			
L0019590	494741.932	3755574.840	744.31			
L0019591	494738.281	3755567.065	746.10			

** END OF LINE VOLUME SOURCE ID = SLINE19

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE20

** DESCRSRC ON-SITE TRAVEL BUILDING 5 (SOUTH)

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00002322

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 5

** 494223.963, 3755946.540, 700.83, 3.49, 4.00

** 494169.037, 3755823.680, 710.01, 3.49, 4.00
** 494684.325, 3755596.029, 757.25, 3.49, 4.00
** 494713.956, 3755587.356, 742.64, 3.49, 4.00
** 494713.956, 3755570.734, 749.13, 3.49, 4.00

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LOCATION	L0019592	VOLUME	494222.210	3755942.619	701.12
LOCATION	L0019593	VOLUME	494218.704	3755934.777	701.71
LOCATION	L0019594	VOLUME	494215.198	3755926.935	702.29
LOCATION	L0019595	VOLUME	494211.692	3755919.093	702.88
LOCATION	L0019596	VOLUME	494208.187	3755911.251	703.47
LOCATION	L0019597	VOLUME	494204.681	3755903.409	704.05
LOCATION	L0019598	VOLUME	494201.175	3755895.567	704.64
LOCATION	L0019599	VOLUME	494197.669	3755887.725	705.22
LOCATION	L0019600	VOLUME	494194.163	3755879.883	705.81
LOCATION	L0019601	VOLUME	494190.657	3755872.041	706.40
LOCATION	L0019602	VOLUME	494187.151	3755864.199	706.98
LOCATION	L0019603	VOLUME	494183.646	3755856.357	707.57
LOCATION	L0019604	VOLUME	494180.140	3755848.515	708.15
LOCATION	L0019605	VOLUME	494176.634	3755840.673	708.74
LOCATION	L0019606	VOLUME	494173.128	3755832.831	709.33
LOCATION	L0019607	VOLUME	494169.622	3755824.989	709.91
LOCATION	L0019608	VOLUME	494175.584	3755820.788	710.61
LOCATION	L0019609	VOLUME	494183.441	3755817.317	711.33
LOCATION	L0019610	VOLUME	494191.298	3755813.845	712.05
LOCATION	L0019611	VOLUME	494199.156	3755810.374	712.77
LOCATION	L0019612	VOLUME	494207.013	3755806.903	713.49
LOCATION	L0019613	VOLUME	494214.870	3755803.431	714.21
LOCATION	L0019614	VOLUME	494222.728	3755799.960	714.93
LOCATION	L0019615	VOLUME	494230.585	3755796.489	715.65
LOCATION	L0019616	VOLUME	494238.443	3755793.017	716.37
LOCATION	L0019617	VOLUME	494246.300	3755789.546	717.09
LOCATION	L0019618	VOLUME	494254.157	3755786.075	717.81
LOCATION	L0019619	VOLUME	494262.015	3755782.603	718.53
LOCATION	L0019620	VOLUME	494269.872	3755779.132	719.25
LOCATION	L0019621	VOLUME	494277.729	3755775.661	719.97
LOCATION	L0019622	VOLUME	494285.587	3755772.189	720.69
LOCATION	L0019623	VOLUME	494293.444	3755768.718	721.42
LOCATION	L0019624	VOLUME	494301.301	3755765.247	722.14
LOCATION	L0019625	VOLUME	494309.159	3755761.775	722.86
LOCATION	L0019626	VOLUME	494317.016	3755758.304	723.58
LOCATION	L0019627	VOLUME	494324.873	3755754.833	724.30
LOCATION	L0019628	VOLUME	494332.731	3755751.361	725.02
LOCATION	L0019629	VOLUME	494340.588	3755747.890	725.74
LOCATION	L0019630	VOLUME	494348.445	3755744.419	726.46
LOCATION	L0019631	VOLUME	494356.303	3755740.947	727.18
LOCATION	L0019632	VOLUME	494364.160	3755737.476	727.90
LOCATION	L0019633	VOLUME	494372.017	3755734.005	728.62
LOCATION	L0019634	VOLUME	494379.875	3755730.533	729.34
LOCATION	L0019635	VOLUME	494387.732	3755727.062	730.06
LOCATION	L0019636	VOLUME	494395.589	3755723.591	730.78

LOCATION L0019637	VOLUME	494403.447	3755720.119	731.50
LOCATION L0019638	VOLUME	494411.304	3755716.648	732.22
LOCATION L0019639	VOLUME	494419.162	3755713.177	732.94
LOCATION L0019640	VOLUME	494427.019	3755709.705	733.66
LOCATION L0019641	VOLUME	494434.876	3755706.234	734.38
LOCATION L0019642	VOLUME	494442.734	3755702.763	735.10
LOCATION L0019643	VOLUME	494450.591	3755699.291	735.82
LOCATION L0019644	VOLUME	494458.448	3755695.820	736.54
LOCATION L0019645	VOLUME	494466.306	3755692.349	737.26
LOCATION L0019646	VOLUME	494474.163	3755688.877	737.98
LOCATION L0019647	VOLUME	494482.020	3755685.406	738.70
LOCATION L0019648	VOLUME	494489.878	3755681.935	739.42
LOCATION L0019649	VOLUME	494497.735	3755678.463	740.14
LOCATION L0019650	VOLUME	494505.592	3755674.992	740.86
LOCATION L0019651	VOLUME	494513.450	3755671.520	741.58
LOCATION L0019652	VOLUME	494521.307	3755668.049	742.31
LOCATION L0019653	VOLUME	494529.164	3755664.578	743.03
LOCATION L0019654	VOLUME	494537.022	3755661.106	743.75
LOCATION L0019655	VOLUME	494544.879	3755657.635	744.47
LOCATION L0019656	VOLUME	494552.736	3755654.164	745.19
LOCATION L0019657	VOLUME	494560.594	3755650.692	745.91
LOCATION L0019658	VOLUME	494568.451	3755647.221	746.63
LOCATION L0019659	VOLUME	494576.308	3755643.750	747.35
LOCATION L0019660	VOLUME	494584.166	3755640.278	748.07
LOCATION L0019661	VOLUME	494592.023	3755636.807	748.79
LOCATION L0019662	VOLUME	494599.881	3755633.336	749.51
LOCATION L0019663	VOLUME	494607.738	3755629.864	750.23
LOCATION L0019664	VOLUME	494615.595	3755626.393	750.95
LOCATION L0019665	VOLUME	494623.453	3755622.922	751.67
LOCATION L0019666	VOLUME	494631.310	3755619.450	752.39
LOCATION L0019667	VOLUME	494639.167	3755615.979	753.11
LOCATION L0019668	VOLUME	494647.025	3755612.508	753.83
LOCATION L0019669	VOLUME	494654.882	3755609.036	754.55
LOCATION L0019670	VOLUME	494662.739	3755605.565	755.27
LOCATION L0019671	VOLUME	494670.597	3755602.094	755.99
LOCATION L0019672	VOLUME	494678.454	3755598.622	756.71
LOCATION L0019673	VOLUME	494686.409	3755595.419	756.22
LOCATION L0019674	VOLUME	494694.653	3755593.006	752.16
LOCATION L0019675	VOLUME	494702.897	3755590.593	748.09
LOCATION L0019676	VOLUME	494711.142	3755588.180	744.03
LOCATION L0019677	VOLUME	494713.956	3755581.699	744.85
LOCATION L0019678	VOLUME	494713.956	3755573.109	748.20

** END OF LINE VOLUME SOURCE ID = SLINE20

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE21

** DESCRSRC OFF-SITE TRAVEL BUILDING 1 ON 4TH ST.

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

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** EMISSION RATE = 0.00002641
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 8
** 495878.659, 3754907.467, 741.91, 3.49, 4.00
** 496078.806, 3754785.047, 754.58, 3.49, 4.00
** 496168.192, 3754732.581, 752.26, 3.49, 4.00
** 496306.158, 3754647.081, 736.36, 3.49, 4.00
** 496393.601, 3754588.786, 754.68, 3.49, 4.00
** 496416.919, 3754551.865, 759.64, 3.49, 4.00
** 496434.407, 3754522.718, 748.09, 3.49, 4.00
** 496442.180, 3754505.229, 742.51, 3.49, 4.00

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LOCATION L0019679      VOLUME  495882.323 3754905.226 742.14
LOCATION L0019680      VOLUME  495889.651 3754900.744 742.61
LOCATION L0019681      VOLUME  495896.979 3754896.262 743.07
LOCATION L0019682      VOLUME  495904.307 3754891.779 743.53
LOCATION L0019683      VOLUME  495911.635 3754887.297 744.00
LOCATION L0019684      VOLUME  495918.962 3754882.815 744.46
LOCATION L0019685      VOLUME  495926.290 3754878.333 744.93
LOCATION L0019686      VOLUME  495933.618 3754873.851 745.39
LOCATION L0019687      VOLUME  495940.946 3754869.369 745.85
LOCATION L0019688      VOLUME  495948.274 3754864.887 746.32
LOCATION L0019689      VOLUME  495955.602 3754860.404 746.78
LOCATION L0019690      VOLUME  495962.930 3754855.922 747.24
LOCATION L0019691      VOLUME  495970.258 3754851.440 747.71
LOCATION L0019692      VOLUME  495977.586 3754846.958 748.17
LOCATION L0019693      VOLUME  495984.914 3754842.476 748.64
LOCATION L0019694      VOLUME  495992.242 3754837.994 749.10
LOCATION L0019695      VOLUME  495999.570 3754833.512 749.56
LOCATION L0019696      VOLUME  496006.898 3754829.030 750.03
LOCATION L0019697      VOLUME  496014.226 3754824.547 750.49
LOCATION L0019698      VOLUME  496021.553 3754820.065 750.96
LOCATION L0019699      VOLUME  496028.881 3754815.583 751.42
LOCATION L0019700      VOLUME  496036.209 3754811.101 751.88
LOCATION L0019701      VOLUME  496043.537 3754806.619 752.35
LOCATION L0019702      VOLUME  496050.865 3754802.137 752.81
LOCATION L0019703      VOLUME  496058.193 3754797.655 753.28
LOCATION L0019704      VOLUME  496065.521 3754793.172 753.74
LOCATION L0019705      VOLUME  496072.849 3754788.690 754.20
LOCATION L0019706      VOLUME  496080.192 3754784.233 754.54
LOCATION L0019707      VOLUME  496087.600 3754779.885 754.35
LOCATION L0019708      VOLUME  496095.008 3754775.537 754.16
LOCATION L0019709      VOLUME  496102.416 3754771.188 753.97
LOCATION L0019710      VOLUME  496109.825 3754766.840 753.77
LOCATION L0019711      VOLUME  496117.233 3754762.492 753.58
LOCATION L0019712      VOLUME  496124.641 3754758.144 753.39
LOCATION L0019713      VOLUME  496132.049 3754753.795 753.20
LOCATION L0019714      VOLUME  496139.457 3754749.447 753.01
LOCATION L0019715      VOLUME  496146.865 3754745.099 752.81

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LOCATION L0019716	VOLUME	496154.273	3754740.751	752.62
LOCATION L0019717	VOLUME	496161.682	3754736.402	752.43
LOCATION L0019718	VOLUME	496169.077	3754732.033	752.16
LOCATION L0019719	VOLUME	496176.378	3754727.508	751.32
LOCATION L0019720	VOLUME	496183.680	3754722.983	750.48
LOCATION L0019721	VOLUME	496190.982	3754718.458	749.63
LOCATION L0019722	VOLUME	496198.283	3754713.933	748.79
LOCATION L0019723	VOLUME	496205.585	3754709.408	747.95
LOCATION L0019724	VOLUME	496212.886	3754704.883	747.11
LOCATION L0019725	VOLUME	496220.188	3754700.358	746.27
LOCATION L0019726	VOLUME	496227.490	3754695.833	745.43
LOCATION L0019727	VOLUME	496234.791	3754691.308	744.58
LOCATION L0019728	VOLUME	496242.093	3754686.783	743.74
LOCATION L0019729	VOLUME	496249.394	3754682.258	742.90
LOCATION L0019730	VOLUME	496256.696	3754677.734	742.06
LOCATION L0019731	VOLUME	496263.997	3754673.209	741.22
LOCATION L0019732	VOLUME	496271.299	3754668.684	740.38
LOCATION L0019733	VOLUME	496278.601	3754664.159	739.54
LOCATION L0019734	VOLUME	496285.902	3754659.634	738.69
LOCATION L0019735	VOLUME	496293.204	3754655.109	737.85
LOCATION L0019736	VOLUME	496300.505	3754650.584	737.01
LOCATION L0019737	VOLUME	496307.772	3754646.005	736.70
LOCATION L0019738	VOLUME	496314.919	3754641.240	738.20
LOCATION L0019739	VOLUME	496322.067	3754636.475	739.69
LOCATION L0019740	VOLUME	496329.214	3754631.710	741.19
LOCATION L0019741	VOLUME	496336.361	3754626.945	742.69
LOCATION L0019742	VOLUME	496343.509	3754622.181	744.19
LOCATION L0019743	VOLUME	496350.656	3754617.416	745.68
LOCATION L0019744	VOLUME	496357.803	3754612.651	747.18
LOCATION L0019745	VOLUME	496364.951	3754607.886	748.68
LOCATION L0019746	VOLUME	496372.098	3754603.121	750.17
LOCATION L0019747	VOLUME	496379.245	3754598.356	751.67
LOCATION L0019748	VOLUME	496386.393	3754593.591	753.17
LOCATION L0019749	VOLUME	496393.540	3754588.826	754.67
LOCATION L0019750	VOLUME	496398.149	3754581.585	755.65
LOCATION L0019751	VOLUME	496402.736	3754574.322	756.62
LOCATION L0019752	VOLUME	496407.323	3754567.059	757.60
LOCATION L0019753	VOLUME	496411.910	3754559.797	758.57
LOCATION L0019754	VOLUME	496416.497	3754552.534	759.55
LOCATION L0019755	VOLUME	496420.932	3754545.178	756.99
LOCATION L0019756	VOLUME	496425.351	3754537.812	754.07
LOCATION L0019757	VOLUME	496429.771	3754530.446	751.15
LOCATION L0019758	VOLUME	496434.190	3754523.080	748.23
LOCATION L0019759	VOLUME	496437.725	3754515.254	745.71
LOCATION L0019760	VOLUME	496441.213	3754507.404	743.20

** END OF LINE VOLUME SOURCE ID = SLINE21

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE22

** DESCRSRC OFF-SITE TRAVEL BUILDING 2 ON 4TH ST.

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** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00002849
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 11
** 495361.774, 3755117.330, 739.21, 3.49, 4.00
** 495427.842, 3755107.614, 723.11, 3.49, 4.00
** 495476.421, 3755084.296, 707.36, 3.49, 4.00
** 495589.125, 3755035.717, 716.36, 3.49, 4.00
** 495664.909, 3755000.739, 718.73, 3.49, 4.00
** 495789.273, 3754946.330, 687.50, 3.49, 4.00
** 495888.375, 3754901.637, 739.79, 3.49, 4.00
** 496325.590, 3754633.479, 731.10, 3.49, 4.00
** 496391.658, 3754590.729, 751.94, 3.49, 4.00
** 496418.862, 3754567.411, 757.92, 3.49, 4.00
** 496438.294, 3754509.116, 745.85, 3.49, 4.00

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LOCATION	VOLUME			
L0019761	495366.023	3755116.705	738.17	
L0019762	495374.522	3755115.455	736.10	
L0019763	495383.020	3755114.205	734.03	
L0019764	495391.519	3755112.956	731.96	
L0019765	495400.017	3755111.706	729.89	
L0019766	495408.516	3755110.456	727.82	
L0019767	495417.015	3755109.206	725.75	
L0019768	495425.513	3755107.957	723.68	
L0019769	495433.464	3755104.915	721.29	
L0019770	495441.208	3755101.198	718.78	
L0019771	495448.952	3755097.481	716.27	
L0019772	495456.696	3755093.764	713.76	
L0019773	495464.440	3755090.047	711.24	
L0019774	495472.184	3755086.330	708.73	
L0019775	495479.994	3755082.756	707.65	
L0019776	495487.882	3755079.356	708.28	
L0019777	495495.771	3755075.956	708.91	
L0019778	495503.659	3755072.555	709.54	
L0019779	495511.547	3755069.155	710.17	
L0019780	495519.436	3755065.755	710.79	
L0019781	495527.324	3755062.355	711.42	
L0019782	495535.213	3755058.955	712.05	
L0019783	495543.101	3755055.555	712.68	
L0019784	495550.989	3755052.154	713.31	
L0019785	495558.878	3755048.754	713.94	
L0019786	495566.766	3755045.354	714.57	
L0019787	495574.655	3755041.954	715.20	
L0019788	495582.543	3755038.554	715.83	
L0019789	495590.417	3755035.121	716.40	
L0019790	495598.216	3755031.521	716.64	
L0019791	495606.016	3755027.921	716.89	

LOCATION	L0019792	VOLUME	495613.815	3755024.321	717.13
LOCATION	L0019793	VOLUME	495621.614	3755020.722	717.38
LOCATION	L0019794	VOLUME	495629.414	3755017.122	717.62
LOCATION	L0019795	VOLUME	495637.213	3755013.522	717.86
LOCATION	L0019796	VOLUME	495645.012	3755009.923	718.11
LOCATION	L0019797	VOLUME	495652.812	3755006.323	718.35
LOCATION	L0019798	VOLUME	495660.611	3755002.723	718.60
LOCATION	L0019799	VOLUME	495668.442	3754999.194	717.84
LOCATION	L0019800	VOLUME	495676.312	3754995.751	715.87
LOCATION	L0019801	VOLUME	495684.182	3754992.308	713.89
LOCATION	L0019802	VOLUME	495692.051	3754988.865	711.91
LOCATION	L0019803	VOLUME	495699.921	3754985.422	709.94
LOCATION	L0019804	VOLUME	495707.791	3754981.979	707.96
LOCATION	L0019805	VOLUME	495715.661	3754978.536	705.99
LOCATION	L0019806	VOLUME	495723.531	3754975.093	704.01
LOCATION	L0019807	VOLUME	495731.400	3754971.649	702.03
LOCATION	L0019808	VOLUME	495739.270	3754968.206	700.06
LOCATION	L0019809	VOLUME	495747.140	3754964.763	698.08
LOCATION	L0019810	VOLUME	495755.010	3754961.320	696.10
LOCATION	L0019811	VOLUME	495762.880	3754957.877	694.13
LOCATION	L0019812	VOLUME	495770.749	3754954.434	692.15
LOCATION	L0019813	VOLUME	495778.619	3754950.991	690.18
LOCATION	L0019814	VOLUME	495786.489	3754947.548	688.20
LOCATION	L0019815	VOLUME	495794.333	3754944.048	690.17
LOCATION	L0019816	VOLUME	495802.164	3754940.517	694.30
LOCATION	L0019817	VOLUME	495809.994	3754936.985	698.43
LOCATION	L0019818	VOLUME	495817.825	3754933.454	702.57
LOCATION	L0019819	VOLUME	495825.655	3754929.922	706.70
LOCATION	L0019820	VOLUME	495833.486	3754926.391	710.83
LOCATION	L0019821	VOLUME	495841.317	3754922.860	714.96
LOCATION	L0019822	VOLUME	495849.147	3754919.328	719.09
LOCATION	L0019823	VOLUME	495856.978	3754915.797	723.22
LOCATION	L0019824	VOLUME	495864.808	3754912.265	727.36
LOCATION	L0019825	VOLUME	495872.639	3754908.734	731.49
LOCATION	L0019826	VOLUME	495880.469	3754905.203	735.62
LOCATION	L0019827	VOLUME	495888.300	3754901.671	739.75
LOCATION	L0019828	VOLUME	495895.627	3754897.189	739.65
LOCATION	L0019829	VOLUME	495902.949	3754892.698	739.50
LOCATION	L0019830	VOLUME	495910.272	3754888.207	739.35
LOCATION	L0019831	VOLUME	495917.594	3754883.716	739.21
LOCATION	L0019832	VOLUME	495924.917	3754879.225	739.06
LOCATION	L0019833	VOLUME	495932.239	3754874.734	738.92
LOCATION	L0019834	VOLUME	495939.562	3754870.243	738.77
LOCATION	L0019835	VOLUME	495946.884	3754865.752	738.63
LOCATION	L0019836	VOLUME	495954.207	3754861.260	738.48
LOCATION	L0019837	VOLUME	495961.529	3754856.769	738.34
LOCATION	L0019838	VOLUME	495968.851	3754852.278	738.19
LOCATION	L0019839	VOLUME	495976.174	3754847.787	738.04
LOCATION	L0019840	VOLUME	495983.496	3754843.296	737.90
LOCATION	L0019841	VOLUME	495990.819	3754838.805	737.75

LOCATION	L0019842	VOLUME	495998.141	3754834.314	737.61
LOCATION	L0019843	VOLUME	496005.464	3754829.823	737.46
LOCATION	L0019844	VOLUME	496012.786	3754825.332	737.32
LOCATION	L0019845	VOLUME	496020.109	3754820.841	737.17
LOCATION	L0019846	VOLUME	496027.431	3754816.349	737.03
LOCATION	L0019847	VOLUME	496034.753	3754811.858	736.88
LOCATION	L0019848	VOLUME	496042.076	3754807.367	736.74
LOCATION	L0019849	VOLUME	496049.398	3754802.876	736.59
LOCATION	L0019850	VOLUME	496056.721	3754798.385	736.44
LOCATION	L0019851	VOLUME	496064.043	3754793.894	736.30
LOCATION	L0019852	VOLUME	496071.366	3754789.403	736.15
LOCATION	L0019853	VOLUME	496078.688	3754784.912	736.01
LOCATION	L0019854	VOLUME	496086.011	3754780.421	735.86
LOCATION	L0019855	VOLUME	496093.333	3754775.930	735.72
LOCATION	L0019856	VOLUME	496100.655	3754771.438	735.57
LOCATION	L0019857	VOLUME	496107.978	3754766.947	735.43
LOCATION	L0019858	VOLUME	496115.300	3754762.456	735.28
LOCATION	L0019859	VOLUME	496122.623	3754757.965	735.13
LOCATION	L0019860	VOLUME	496129.945	3754753.474	734.99
LOCATION	L0019861	VOLUME	496137.268	3754748.983	734.84
LOCATION	L0019862	VOLUME	496144.590	3754744.492	734.70
LOCATION	L0019863	VOLUME	496151.912	3754740.001	734.55
LOCATION	L0019864	VOLUME	496159.235	3754735.510	734.41
LOCATION	L0019865	VOLUME	496166.557	3754731.019	734.26
LOCATION	L0019866	VOLUME	496173.880	3754726.528	734.12
LOCATION	L0019867	VOLUME	496181.202	3754722.036	733.97
LOCATION	L0019868	VOLUME	496188.525	3754717.545	733.82
LOCATION	L0019869	VOLUME	496195.847	3754713.054	733.68
LOCATION	L0019870	VOLUME	496203.170	3754708.563	733.53
LOCATION	L0019871	VOLUME	496210.492	3754704.072	733.39
LOCATION	L0019872	VOLUME	496217.814	3754699.581	733.24
LOCATION	L0019873	VOLUME	496225.137	3754695.090	733.10
LOCATION	L0019874	VOLUME	496232.459	3754690.599	732.95
LOCATION	L0019875	VOLUME	496239.782	3754686.108	732.81
LOCATION	L0019876	VOLUME	496247.104	3754681.617	732.66
LOCATION	L0019877	VOLUME	496254.427	3754677.125	732.51
LOCATION	L0019878	VOLUME	496261.749	3754672.634	732.37
LOCATION	L0019879	VOLUME	496269.072	3754668.143	732.22
LOCATION	L0019880	VOLUME	496276.394	3754663.652	732.08
LOCATION	L0019881	VOLUME	496283.716	3754659.161	731.93
LOCATION	L0019882	VOLUME	496291.039	3754654.670	731.79
LOCATION	L0019883	VOLUME	496298.361	3754650.179	731.64
LOCATION	L0019884	VOLUME	496305.684	3754645.688	731.50
LOCATION	L0019885	VOLUME	496313.006	3754641.197	731.35
LOCATION	L0019886	VOLUME	496320.329	3754636.706	731.20
LOCATION	L0019887	VOLUME	496327.620	3754632.165	731.74
LOCATION	L0019888	VOLUME	496334.832	3754627.499	734.02
LOCATION	L0019889	VOLUME	496342.044	3754622.832	736.29
LOCATION	L0019890	VOLUME	496349.256	3754618.165	738.57
LOCATION	L0019891	VOLUME	496356.468	3754613.499	740.84

LOCATION L0019892	VOLUME	496363.679	3754608.832	743.11
LOCATION L0019893	VOLUME	496370.891	3754604.166	745.39
LOCATION L0019894	VOLUME	496378.103	3754599.499	747.66
LOCATION L0019895	VOLUME	496385.315	3754594.833	749.94
LOCATION L0019896	VOLUME	496392.444	3754590.055	752.11
LOCATION L0019897	VOLUME	496398.966	3754584.465	753.55
LOCATION L0019898	VOLUME	496405.488	3754578.874	754.98
LOCATION L0019899	VOLUME	496412.010	3754573.284	756.41
LOCATION L0019900	VOLUME	496418.532	3754567.694	757.85
LOCATION L0019901	VOLUME	496421.441	3754559.674	756.32
LOCATION L0019902	VOLUME	496424.157	3754551.525	754.63
LOCATION L0019903	VOLUME	496426.874	3754543.376	752.94
LOCATION L0019904	VOLUME	496429.590	3754535.226	751.26
LOCATION L0019905	VOLUME	496432.307	3754527.077	749.57
LOCATION L0019906	VOLUME	496435.023	3754518.928	747.88
LOCATION L0019907	VOLUME	496437.739	3754510.779	746.19

** END OF LINE VOLUME SOURCE ID = SLINE22

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE23

** DESCRSRC OFF-SITE TRAVEL BUILDING 3 ON 4TH ST.

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00002535

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 17

** 495068.354,	3755282.500,	735.02,	3.49,	4.00
** 495093.615,	3755239.750,	751.29,	3.49,	4.00
** 495134.422,	3755208.659,	740.78,	3.49,	4.00
** 495206.320,	3755167.853,	728.35,	3.49,	4.00
** 495272.388,	3755127.046,	745.82,	3.49,	4.00
** 495319.024,	3755111.500,	750.23,	3.49,	4.00
** 495350.115,	3755113.444,	746.72,	3.49,	4.00
** 495363.717,	3755115.387,	738.87,	3.49,	4.00
** 495420.069,	3755107.614,	723.53,	3.49,	4.00
** 495490.023,	3755080.410,	708.21,	3.49,	4.00
** 495845.625,	3754921.069,	719.59,	3.49,	4.00
** 495973.874,	3754851.115,	727.48,	3.49,	4.00
** 496139.045,	3754750.070,	758.17,	3.49,	4.00
** 496319.760,	3754639.308,	732.62,	3.49,	4.00
** 496401.373,	3754577.127,	755.26,	3.49,	4.00
** 496422.748,	3754559.638,	758.51,	3.49,	4.00
** 496440.237,	3754507.172,	743.20,	3.49,	4.00

**

LOCATION L0019908	VOLUME	495070.539	3755278.802	736.43
LOCATION L0019909	VOLUME	495074.909	3755271.407	739.24
LOCATION L0019910	VOLUME	495079.279	3755264.012	742.06
LOCATION L0019911	VOLUME	495083.649	3755256.616	744.87

LOCATION	L0019912	VOLUME	495088.019	3755249.221	747.69
LOCATION	L0019913	VOLUME	495092.389	3755241.826	750.50
LOCATION	L0019914	VOLUME	495098.530	3755236.005	750.02
LOCATION	L0019915	VOLUME	495105.363	3755230.799	748.26
LOCATION	L0019916	VOLUME	495112.196	3755225.593	746.50
LOCATION	L0019917	VOLUME	495119.029	3755220.387	744.74
LOCATION	L0019918	VOLUME	495125.862	3755215.182	742.98
LOCATION	L0019919	VOLUME	495132.694	3755209.976	741.22
LOCATION	L0019920	VOLUME	495140.004	3755205.491	739.82
LOCATION	L0019921	VOLUME	495147.474	3755201.251	738.52
LOCATION	L0019922	VOLUME	495154.945	3755197.011	737.23
LOCATION	L0019923	VOLUME	495162.415	3755192.771	735.94
LOCATION	L0019924	VOLUME	495169.886	3755188.531	734.65
LOCATION	L0019925	VOLUME	495177.357	3755184.291	733.36
LOCATION	L0019926	VOLUME	495184.827	3755180.051	732.07
LOCATION	L0019927	VOLUME	495192.298	3755175.811	730.77
LOCATION	L0019928	VOLUME	495199.768	3755171.571	729.48
LOCATION	L0019929	VOLUME	495207.219	3755167.297	728.59
LOCATION	L0019930	VOLUME	495214.527	3755162.783	730.52
LOCATION	L0019931	VOLUME	495221.836	3755158.269	732.45
LOCATION	L0019932	VOLUME	495229.144	3755153.755	734.39
LOCATION	L0019933	VOLUME	495236.452	3755149.241	736.32
LOCATION	L0019934	VOLUME	495243.761	3755144.727	738.25
LOCATION	L0019935	VOLUME	495251.069	3755140.213	740.18
LOCATION	L0019936	VOLUME	495258.378	3755135.699	742.12
LOCATION	L0019937	VOLUME	495265.686	3755131.185	744.05
LOCATION	L0019938	VOLUME	495273.064	3755126.820	745.88
LOCATION	L0019939	VOLUME	495281.213	3755124.104	746.65
LOCATION	L0019940	VOLUME	495289.362	3755121.388	747.43
LOCATION	L0019941	VOLUME	495297.512	3755118.671	748.20
LOCATION	L0019942	VOLUME	495305.661	3755115.955	748.97
LOCATION	L0019943	VOLUME	495313.810	3755113.238	749.74
LOCATION	L0019944	VOLUME	495322.112	3755111.693	749.88
LOCATION	L0019945	VOLUME	495330.685	3755112.229	748.91
LOCATION	L0019946	VOLUME	495339.258	3755112.765	747.95
LOCATION	L0019947	VOLUME	495347.832	3755113.301	746.98
LOCATION	L0019948	VOLUME	495356.354	3755114.335	743.12
LOCATION	L0019949	VOLUME	495364.858	3755115.229	738.56
LOCATION	L0019950	VOLUME	495373.368	3755114.056	736.24
LOCATION	L0019951	VOLUME	495381.877	3755112.882	733.93
LOCATION	L0019952	VOLUME	495390.387	3755111.708	731.61
LOCATION	L0019953	VOLUME	495398.896	3755110.534	729.29
LOCATION	L0019954	VOLUME	495407.406	3755109.361	726.98
LOCATION	L0019955	VOLUME	495415.915	3755108.187	724.66
LOCATION	L0019956	VOLUME	495424.167	3755106.021	722.63
LOCATION	L0019957	VOLUME	495432.173	3755102.907	720.88
LOCATION	L0019958	VOLUME	495440.179	3755099.794	719.13
LOCATION	L0019959	VOLUME	495448.184	3755096.680	717.37
LOCATION	L0019960	VOLUME	495456.190	3755093.567	715.62
LOCATION	L0019961	VOLUME	495464.196	3755090.453	713.87

LOCATION	L0019962	VOLUME	495472.202	3755087.340	712.11
LOCATION	L0019963	VOLUME	495480.208	3755084.227	710.36
LOCATION	L0019964	VOLUME	495488.214	3755081.113	708.61
LOCATION	L0019965	VOLUME	495496.091	3755077.691	708.40
LOCATION	L0019966	VOLUME	495503.930	3755074.178	708.66
LOCATION	L0019967	VOLUME	495511.769	3755070.666	708.91
LOCATION	L0019968	VOLUME	495519.608	3755067.153	709.16
LOCATION	L0019969	VOLUME	495527.447	3755063.641	709.41
LOCATION	L0019970	VOLUME	495535.286	3755060.128	709.66
LOCATION	L0019971	VOLUME	495543.125	3755056.616	709.91
LOCATION	L0019972	VOLUME	495550.964	3755053.103	710.16
LOCATION	L0019973	VOLUME	495558.803	3755049.590	710.41
LOCATION	L0019974	VOLUME	495566.642	3755046.078	710.66
LOCATION	L0019975	VOLUME	495574.481	3755042.565	710.91
LOCATION	L0019976	VOLUME	495582.320	3755039.053	711.16
LOCATION	L0019977	VOLUME	495590.159	3755035.540	711.41
LOCATION	L0019978	VOLUME	495597.998	3755032.028	711.67
LOCATION	L0019979	VOLUME	495605.837	3755028.515	711.92
LOCATION	L0019980	VOLUME	495613.676	3755025.002	712.17
LOCATION	L0019981	VOLUME	495621.515	3755021.490	712.42
LOCATION	L0019982	VOLUME	495629.354	3755017.977	712.67
LOCATION	L0019983	VOLUME	495637.193	3755014.465	712.92
LOCATION	L0019984	VOLUME	495645.032	3755010.952	713.17
LOCATION	L0019985	VOLUME	495652.871	3755007.440	713.42
LOCATION	L0019986	VOLUME	495660.710	3755003.927	713.67
LOCATION	L0019987	VOLUME	495668.549	3755000.415	713.92
LOCATION	L0019988	VOLUME	495676.388	3754996.902	714.17
LOCATION	L0019989	VOLUME	495684.227	3754993.389	714.42
LOCATION	L0019990	VOLUME	495692.066	3754989.877	714.68
LOCATION	L0019991	VOLUME	495699.905	3754986.364	714.93
LOCATION	L0019992	VOLUME	495707.744	3754982.852	715.18
LOCATION	L0019993	VOLUME	495715.583	3754979.339	715.43
LOCATION	L0019994	VOLUME	495723.422	3754975.827	715.68
LOCATION	L0019995	VOLUME	495731.261	3754972.314	715.93
LOCATION	L0019996	VOLUME	495739.100	3754968.802	716.18
LOCATION	L0019997	VOLUME	495746.939	3754965.289	716.43
LOCATION	L0019998	VOLUME	495754.778	3754961.776	716.68
LOCATION	L0019999	VOLUME	495762.617	3754958.264	716.93
LOCATION	L0020000	VOLUME	495770.456	3754954.751	717.18
LOCATION	L0020001	VOLUME	495778.295	3754951.239	717.44
LOCATION	L0020002	VOLUME	495786.134	3754947.726	717.69
LOCATION	L0020003	VOLUME	495793.973	3754944.214	717.94
LOCATION	L0020004	VOLUME	495801.812	3754940.701	718.19
LOCATION	L0020005	VOLUME	495809.651	3754937.188	718.44
LOCATION	L0020006	VOLUME	495817.490	3754933.676	718.69
LOCATION	L0020007	VOLUME	495825.329	3754930.163	718.94
LOCATION	L0020008	VOLUME	495833.168	3754926.651	719.19
LOCATION	L0020009	VOLUME	495841.007	3754923.138	719.44
LOCATION	L0020010	VOLUME	495848.846	3754919.625	719.69
LOCATION	L0020011	VOLUME	495856.685	3754916.112	720.00

LOCATION	L0020012	VOLUME	495863.806	3754911.152	720.71
LOCATION	L0020013	VOLUME	495871.347	3754907.039	721.17
LOCATION	L0020014	VOLUME	495878.888	3754902.925	721.64
LOCATION	L0020015	VOLUME	495886.429	3754898.812	722.10
LOCATION	L0020016	VOLUME	495893.970	3754894.699	722.56
LOCATION	L0020017	VOLUME	495901.512	3754890.585	723.03
LOCATION	L0020018	VOLUME	495909.053	3754886.472	723.49
LOCATION	L0020019	VOLUME	495916.594	3754882.359	723.96
LOCATION	L0020020	VOLUME	495924.135	3754878.245	724.42
LOCATION	L0020021	VOLUME	495931.676	3754874.132	724.88
LOCATION	L0020022	VOLUME	495939.217	3754870.019	725.35
LOCATION	L0020023	VOLUME	495946.758	3754865.905	725.81
LOCATION	L0020024	VOLUME	495954.299	3754861.792	726.28
LOCATION	L0020025	VOLUME	495961.841	3754857.679	726.74
LOCATION	L0020026	VOLUME	495969.382	3754853.565	727.20
LOCATION	L0020027	VOLUME	495976.836	3754849.303	728.03
LOCATION	L0020028	VOLUME	495984.164	3754844.820	729.39
LOCATION	L0020029	VOLUME	495991.492	3754840.337	730.75
LOCATION	L0020030	VOLUME	495998.819	3754835.854	732.11
LOCATION	L0020031	VOLUME	496006.147	3754831.372	733.48
LOCATION	L0020032	VOLUME	496013.474	3754826.889	734.84
LOCATION	L0020033	VOLUME	496020.802	3754822.406	736.20
LOCATION	L0020034	VOLUME	496028.129	3754817.923	737.56
LOCATION	L0020035	VOLUME	496035.457	3754813.441	738.92
LOCATION	L0020036	VOLUME	496042.784	3754808.958	740.28
LOCATION	L0020037	VOLUME	496050.112	3754804.475	741.65
LOCATION	L0020038	VOLUME	496057.440	3754799.993	743.01
LOCATION	L0020039	VOLUME	496064.767	3754795.510	744.37
LOCATION	L0020040	VOLUME	496072.095	3754791.027	745.73
LOCATION	L0020041	VOLUME	496079.422	3754786.544	747.09
LOCATION	L0020042	VOLUME	496086.750	3754782.062	748.45
LOCATION	L0020043	VOLUME	496094.077	3754777.579	749.81
LOCATION	L0020044	VOLUME	496101.405	3754773.096	751.18
LOCATION	L0020045	VOLUME	496108.733	3754768.613	752.54
LOCATION	L0020046	VOLUME	496116.060	3754764.131	753.90
LOCATION	L0020047	VOLUME	496123.388	3754759.648	755.26
LOCATION	L0020048	VOLUME	496130.715	3754755.165	756.62
LOCATION	L0020049	VOLUME	496138.043	3754750.682	757.98
LOCATION	L0020050	VOLUME	496145.367	3754746.194	757.28
LOCATION	L0020051	VOLUME	496152.691	3754741.706	756.24
LOCATION	L0020052	VOLUME	496160.015	3754737.217	755.21
LOCATION	L0020053	VOLUME	496167.339	3754732.728	754.17
LOCATION	L0020054	VOLUME	496174.662	3754728.239	753.13
LOCATION	L0020055	VOLUME	496181.986	3754723.750	752.10
LOCATION	L0020056	VOLUME	496189.310	3754719.262	751.06
LOCATION	L0020057	VOLUME	496196.634	3754714.773	750.03
LOCATION	L0020058	VOLUME	496203.958	3754710.284	748.99
LOCATION	L0020059	VOLUME	496211.282	3754705.795	747.96
LOCATION	L0020060	VOLUME	496218.606	3754701.306	746.92
LOCATION	L0020061	VOLUME	496225.929	3754696.817	745.89

LOCATION L0020062	VOLUME	496233.253	3754692.329	744.85
LOCATION L0020063	VOLUME	496240.577	3754687.840	743.82
LOCATION L0020064	VOLUME	496247.901	3754683.351	742.78
LOCATION L0020065	VOLUME	496255.225	3754678.862	741.74
LOCATION L0020066	VOLUME	496262.549	3754674.373	740.71
LOCATION L0020067	VOLUME	496269.872	3754669.885	739.67
LOCATION L0020068	VOLUME	496277.196	3754665.396	738.64
LOCATION L0020069	VOLUME	496284.520	3754660.907	737.60
LOCATION L0020070	VOLUME	496291.844	3754656.418	736.57
LOCATION L0020071	VOLUME	496299.168	3754651.929	735.53
LOCATION L0020072	VOLUME	496306.492	3754647.441	734.50
LOCATION L0020073	VOLUME	496313.816	3754642.952	733.46
LOCATION L0020074	VOLUME	496321.047	3754638.328	732.98
LOCATION L0020075	VOLUME	496327.880	3754633.122	734.87
LOCATION L0020076	VOLUME	496334.712	3754627.916	736.77
LOCATION L0020077	VOLUME	496341.545	3754622.710	738.66
LOCATION L0020078	VOLUME	496348.378	3754617.504	740.56
LOCATION L0020079	VOLUME	496355.211	3754612.298	742.45
LOCATION L0020080	VOLUME	496362.043	3754607.092	744.35
LOCATION L0020081	VOLUME	496368.876	3754601.887	746.25
LOCATION L0020082	VOLUME	496375.709	3754596.681	748.14
LOCATION L0020083	VOLUME	496382.542	3754591.475	750.04
LOCATION L0020084	VOLUME	496389.374	3754586.269	751.93
LOCATION L0020085	VOLUME	496396.207	3754581.063	753.83
LOCATION L0020086	VOLUME	496402.995	3754575.800	755.51
LOCATION L0020087	VOLUME	496409.643	3754570.361	756.52
LOCATION L0020088	VOLUME	496416.292	3754564.921	757.53
LOCATION L0020089	VOLUME	496422.827	3754559.403	758.44
LOCATION L0020090	VOLUME	496425.543	3754551.254	756.06
LOCATION L0020091	VOLUME	496428.259	3754543.105	753.69
LOCATION L0020092	VOLUME	496430.976	3754534.956	751.31
LOCATION L0020093	VOLUME	496433.692	3754526.807	748.93
LOCATION L0020094	VOLUME	496436.409	3754518.657	746.55
LOCATION L0020095	VOLUME	496439.125	3754510.508	744.17

** END OF LINE VOLUME SOURCE ID = SLINE23

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE24

** DESCRSRC OFF-SITE TRAVEL BUILDING 4 ON 4TH ST.

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00002866

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 20

** 494751.616, 3755533.170, 754.22, 3.49, 4.00

** 494944.891, 3755425.401, 738.90, 3.49, 4.00

** 495034.812, 3755375.752, 745.79, 3.49, 4.00

** 495053.337, 3755343.230, 718.79, 3.49, 4.00

** 495093.615, 3755239.750, 751.29, 3.49, 4.00
 ** 495134.422, 3755208.659, 740.78, 3.49, 4.00
 ** 495206.320, 3755167.853, 728.35, 3.49, 4.00
 ** 495272.388, 3755127.046, 745.82, 3.49, 4.00
 ** 495319.024, 3755111.500, 750.23, 3.49, 4.00
 ** 495350.115, 3755113.444, 746.72, 3.49, 4.00
 ** 495363.717, 3755115.387, 738.87, 3.49, 4.00
 ** 495420.069, 3755107.614, 723.53, 3.49, 4.00
 ** 495490.023, 3755080.410, 708.21, 3.49, 4.00
 ** 495845.625, 3754921.069, 719.59, 3.49, 4.00
 ** 495973.874, 3754851.115, 727.48, 3.49, 4.00
 ** 496139.045, 3754750.070, 758.17, 3.49, 4.00
 ** 496319.760, 3754639.308, 732.62, 3.49, 4.00
 ** 496401.373, 3754577.127, 755.26, 3.49, 4.00
 ** 496422.748, 3754559.638, 758.51, 3.49, 4.00
 ** 496440.237, 3754507.172, 743.20, 3.49, 4.00

**

LOCATION L0021042	VOLUME	494755.367	3755531.078	753.92
LOCATION L0021043	VOLUME	494762.870	3755526.895	753.33
LOCATION L0021044	VOLUME	494770.372	3755522.712	752.73
LOCATION L0021045	VOLUME	494777.875	3755518.528	752.14
LOCATION L0021046	VOLUME	494785.377	3755514.345	751.54
LOCATION L0021047	VOLUME	494792.880	3755510.161	750.95
LOCATION L0021048	VOLUME	494800.382	3755505.978	750.35
LOCATION L0021049	VOLUME	494807.885	3755501.795	749.76
LOCATION L0021050	VOLUME	494815.387	3755497.611	749.17
LOCATION L0021051	VOLUME	494822.890	3755493.428	748.57
LOCATION L0021052	VOLUME	494830.393	3755489.245	747.98
LOCATION L0021053	VOLUME	494837.895	3755485.061	747.38
LOCATION L0021054	VOLUME	494845.398	3755480.878	746.79
LOCATION L0021055	VOLUME	494852.900	3755476.695	746.19
LOCATION L0021056	VOLUME	494860.403	3755472.511	745.60
LOCATION L0021057	VOLUME	494867.905	3755468.328	745.00
LOCATION L0021058	VOLUME	494875.408	3755464.145	744.41
LOCATION L0021059	VOLUME	494882.910	3755459.961	743.81
LOCATION L0021060	VOLUME	494890.413	3755455.778	743.22
LOCATION L0021061	VOLUME	494897.915	3755451.595	742.62
LOCATION L0021062	VOLUME	494905.418	3755447.411	742.03
LOCATION L0021063	VOLUME	494912.920	3755443.228	741.43
LOCATION L0021064	VOLUME	494920.423	3755439.045	740.84
LOCATION L0021065	VOLUME	494927.925	3755434.861	740.24
LOCATION L0021066	VOLUME	494935.428	3755430.678	739.65
LOCATION L0021067	VOLUME	494942.930	3755426.495	739.06
LOCATION L0021068	VOLUME	494950.446	3755422.334	739.33
LOCATION L0021069	VOLUME	494957.965	3755418.182	739.90
LOCATION L0021070	VOLUME	494965.485	3755414.030	740.48
LOCATION L0021071	VOLUME	494973.005	3755409.878	741.05
LOCATION L0021072	VOLUME	494980.525	3755405.726	741.63
LOCATION L0021073	VOLUME	494988.045	3755401.574	742.21
LOCATION L0021074	VOLUME	494995.565	3755397.422	742.78

LOCATION	L0021075	VOLUME	495003.085	3755393.270	743.36
LOCATION	L0021076	VOLUME	495010.604	3755389.118	743.94
LOCATION	L0021077	VOLUME	495018.124	3755384.966	744.51
LOCATION	L0021078	VOLUME	495025.644	3755380.814	745.09
LOCATION	L0021079	VOLUME	495033.164	3755376.662	745.66
LOCATION	L0021080	VOLUME	495038.132	3755369.923	740.95
LOCATION	L0021081	VOLUME	495042.383	3755362.459	734.75
LOCATION	L0021082	VOLUME	495046.635	3755354.995	728.56
LOCATION	L0021083	VOLUME	495050.887	3755347.531	722.36
LOCATION	L0021084	VOLUME	495054.657	3755339.838	719.86
LOCATION	L0021085	VOLUME	495057.773	3755331.833	722.37
LOCATION	L0021086	VOLUME	495060.889	3755323.828	724.88
LOCATION	L0021087	VOLUME	495064.005	3755315.823	727.40
LOCATION	L0021088	VOLUME	495067.121	3755307.818	729.91
LOCATION	L0021089	VOLUME	495070.236	3755299.813	732.43
LOCATION	L0021090	VOLUME	495073.352	3755291.808	734.94
LOCATION	L0021091	VOLUME	495076.468	3755283.803	737.45
LOCATION	L0021092	VOLUME	495079.584	3755275.798	739.97
LOCATION	L0021093	VOLUME	495082.700	3755267.793	742.48
LOCATION	L0021094	VOLUME	495085.816	3755259.788	745.00
LOCATION	L0021095	VOLUME	495088.932	3755251.783	747.51
LOCATION	L0021096	VOLUME	495092.047	3755243.778	750.02
LOCATION	L0021097	VOLUME	495097.010	3755237.164	750.42
LOCATION	L0021098	VOLUME	495103.843	3755231.958	748.66
LOCATION	L0021099	VOLUME	495110.675	3755226.752	746.90
LOCATION	L0021100	VOLUME	495117.508	3755221.546	745.14
LOCATION	L0021101	VOLUME	495124.341	3755216.340	743.38
LOCATION	L0021102	VOLUME	495131.174	3755211.134	741.62
LOCATION	L0021103	VOLUME	495138.341	3755206.435	740.10
LOCATION	L0021104	VOLUME	495145.812	3755202.195	738.81
LOCATION	L0021105	VOLUME	495153.282	3755197.955	737.52
LOCATION	L0021106	VOLUME	495160.753	3755193.715	736.23
LOCATION	L0021107	VOLUME	495168.223	3755189.475	734.94
LOCATION	L0021108	VOLUME	495175.694	3755185.235	733.64
LOCATION	L0021109	VOLUME	495183.165	3755180.995	732.35
LOCATION	L0021110	VOLUME	495190.635	3755176.755	731.06
LOCATION	L0021111	VOLUME	495198.106	3755172.514	729.77
LOCATION	L0021112	VOLUME	495205.576	3755168.274	728.48
LOCATION	L0021113	VOLUME	495212.901	3755163.788	730.09
LOCATION	L0021114	VOLUME	495220.209	3755159.274	732.02
LOCATION	L0021115	VOLUME	495227.518	3755154.760	733.96
LOCATION	L0021116	VOLUME	495234.826	3755150.246	735.89
LOCATION	L0021117	VOLUME	495242.134	3755145.732	737.82
LOCATION	L0021118	VOLUME	495249.443	3755141.218	739.75
LOCATION	L0021119	VOLUME	495256.751	3755136.704	741.69
LOCATION	L0021120	VOLUME	495264.059	3755132.190	743.62
LOCATION	L0021121	VOLUME	495271.368	3755127.676	745.55
LOCATION	L0021122	VOLUME	495279.400	3755124.709	746.48
LOCATION	L0021123	VOLUME	495287.549	3755121.992	747.25
LOCATION	L0021124	VOLUME	495295.698	3755119.276	748.02

LOCATION	L0021125	VOLUME	495303.847	3755116.559	748.79
LOCATION	L0021126	VOLUME	495311.996	3755113.843	749.57
LOCATION	L0021127	VOLUME	495320.204	3755111.574	750.10
LOCATION	L0021128	VOLUME	495328.777	3755112.110	749.13
LOCATION	L0021129	VOLUME	495337.350	3755112.646	748.16
LOCATION	L0021130	VOLUME	495345.924	3755113.182	747.19
LOCATION	L0021131	VOLUME	495354.461	3755114.065	744.21
LOCATION	L0021132	VOLUME	495362.965	3755115.279	739.30
LOCATION	L0021133	VOLUME	495371.474	3755114.317	736.76
LOCATION	L0021134	VOLUME	495379.983	3755113.143	734.44
LOCATION	L0021135	VOLUME	495388.493	3755111.969	732.13
LOCATION	L0021136	VOLUME	495397.002	3755110.796	729.81
LOCATION	L0021137	VOLUME	495405.512	3755109.622	727.49
LOCATION	L0021138	VOLUME	495414.021	3755108.448	725.18
LOCATION	L0021139	VOLUME	495422.385	3755106.713	723.02
LOCATION	L0021140	VOLUME	495430.391	3755103.600	721.27
LOCATION	L0021141	VOLUME	495438.397	3755100.487	719.52
LOCATION	L0021142	VOLUME	495446.403	3755097.373	717.76
LOCATION	L0021143	VOLUME	495454.409	3755094.260	716.01
LOCATION	L0021144	VOLUME	495462.415	3755091.146	714.26
LOCATION	L0021145	VOLUME	495470.420	3755088.033	712.50
LOCATION	L0021146	VOLUME	495478.426	3755084.920	710.75
LOCATION	L0021147	VOLUME	495486.432	3755081.806	709.00
LOCATION	L0021148	VOLUME	495494.346	3755078.473	708.35
LOCATION	L0021149	VOLUME	495502.185	3755074.960	708.60
LOCATION	L0021150	VOLUME	495510.024	3755071.448	708.85
LOCATION	L0021151	VOLUME	495517.863	3755067.935	709.10
LOCATION	L0021152	VOLUME	495525.702	3755064.422	709.35
LOCATION	L0021153	VOLUME	495533.541	3755060.910	709.60
LOCATION	L0021154	VOLUME	495541.380	3755057.397	709.85
LOCATION	L0021155	VOLUME	495549.219	3755053.885	710.10
LOCATION	L0021156	VOLUME	495557.058	3755050.372	710.36
LOCATION	L0021157	VOLUME	495564.897	3755046.860	710.61
LOCATION	L0021158	VOLUME	495572.736	3755043.347	710.86
LOCATION	L0021159	VOLUME	495580.575	3755039.834	711.11
LOCATION	L0021160	VOLUME	495588.414	3755036.322	711.36
LOCATION	L0021161	VOLUME	495596.253	3755032.809	711.61
LOCATION	L0021162	VOLUME	495604.092	3755029.297	711.86
LOCATION	L0021163	VOLUME	495611.931	3755025.784	712.11
LOCATION	L0021164	VOLUME	495619.770	3755022.272	712.36
LOCATION	L0021165	VOLUME	495627.609	3755018.759	712.61
LOCATION	L0021166	VOLUME	495635.448	3755015.247	712.86
LOCATION	L0021167	VOLUME	495643.287	3755011.734	713.11
LOCATION	L0021168	VOLUME	495651.126	3755008.221	713.37
LOCATION	L0021169	VOLUME	495658.965	3755004.709	713.62
LOCATION	L0021170	VOLUME	495666.804	3755001.196	713.87
LOCATION	L0021171	VOLUME	495674.643	3754997.684	714.12
LOCATION	L0021172	VOLUME	495682.482	3754994.171	714.37
LOCATION	L0021173	VOLUME	495690.321	3754990.659	714.62
LOCATION	L0021174	VOLUME	495698.160	3754987.146	714.87

LOCATION	L0021175	VOLUME	495705.999	3754983.634	715.12
LOCATION	L0021176	VOLUME	495713.838	3754980.121	715.37
LOCATION	L0021177	VOLUME	495721.677	3754976.608	715.62
LOCATION	L0021178	VOLUME	495729.516	3754973.096	715.87
LOCATION	L0021179	VOLUME	495737.355	3754969.583	716.13
LOCATION	L0021180	VOLUME	495745.194	3754966.071	716.38
LOCATION	L0021181	VOLUME	495753.033	3754962.558	716.63
LOCATION	L0021182	VOLUME	495760.872	3754959.046	716.88
LOCATION	L0021183	VOLUME	495768.711	3754955.533	717.13
LOCATION	L0021184	VOLUME	495776.550	3754952.020	717.38
LOCATION	L0021185	VOLUME	495784.389	3754948.508	717.63
LOCATION	L0021186	VOLUME	495792.228	3754944.995	717.88
LOCATION	L0021187	VOLUME	495800.067	3754941.483	718.13
LOCATION	L0021188	VOLUME	495807.906	3754937.970	718.38
LOCATION	L0021189	VOLUME	495815.745	3754934.458	718.63
LOCATION	L0021190	VOLUME	495823.584	3754930.945	718.88
LOCATION	L0021191	VOLUME	495831.423	3754927.433	719.14
LOCATION	L0021192	VOLUME	495839.262	3754923.920	719.39
LOCATION	L0021193	VOLUME	495847.101	3754920.408	719.64
LOCATION	L0021194	VOLUME	495854.940	3754916.895	720.14
LOCATION	L0021195	VOLUME	495862.779	3754913.383	720.61
LOCATION	L0021196	VOLUME	495870.618	3754909.870	721.07
LOCATION	L0021197	VOLUME	495878.457	3754906.358	721.53
LOCATION	L0021198	VOLUME	495886.296	3754902.845	722.00
LOCATION	L0021199	VOLUME	495894.135	3754899.333	722.46
LOCATION	L0021200	VOLUME	495901.974	3754895.820	722.92
LOCATION	L0021201	VOLUME	495909.813	3754892.308	723.39
LOCATION	L0021202	VOLUME	495917.652	3754888.795	723.85
LOCATION	L0021203	VOLUME	495925.491	3754885.283	724.32
LOCATION	L0021204	VOLUME	495933.330	3754881.770	724.78
LOCATION	L0021205	VOLUME	495941.169	3754878.258	725.24
LOCATION	L0021206	VOLUME	495949.008	3754874.745	725.71
LOCATION	L0021207	VOLUME	495956.847	3754871.233	726.17
LOCATION	L0021208	VOLUME	495964.686	3754867.720	726.64
LOCATION	L0021209	VOLUME	495972.525	3754864.208	727.10
LOCATION	L0021210	VOLUME	495980.364	3754860.695	727.73
LOCATION	L0021211	VOLUME	495988.203	3754857.183	729.09
LOCATION	L0021212	VOLUME	495996.042	3754853.670	730.45
LOCATION	L0021213	VOLUME	496003.881	3754850.158	731.81
LOCATION	L0021214	VOLUME	496011.720	3754846.645	733.17
LOCATION	L0021215	VOLUME	496019.559	3754843.133	734.53
LOCATION	L0021216	VOLUME	496027.398	3754839.620	735.90
LOCATION	L0021217	VOLUME	496035.237	3754836.108	737.26
LOCATION	L0021218	VOLUME	496043.076	3754832.595	738.62
LOCATION	L0021219	VOLUME	496050.915	3754829.083	739.98
LOCATION	L0021220	VOLUME	496058.754	3754825.570	741.34
LOCATION	L0021221	VOLUME	496066.593	3754822.058	742.70
LOCATION	L0021222	VOLUME	496074.432	3754818.545	744.07
LOCATION	L0021223	VOLUME	496082.271	3754815.033	745.43
LOCATION	L0021224	VOLUME	496090.110	3754811.520	746.79

LOCATION	L0021225	VOLUME	496085.119	3754783.059	748.15
LOCATION	L0021226	VOLUME	496092.447	3754778.576	749.51
LOCATION	L0021227	VOLUME	496099.774	3754774.094	750.87
LOCATION	L0021228	VOLUME	496107.102	3754769.611	752.23
LOCATION	L0021229	VOLUME	496114.429	3754765.128	753.60
LOCATION	L0021230	VOLUME	496121.757	3754760.646	754.96
LOCATION	L0021231	VOLUME	496129.084	3754756.163	756.32
LOCATION	L0021232	VOLUME	496136.412	3754751.680	757.68
LOCATION	L0021233	VOLUME	496143.737	3754747.193	757.51
LOCATION	L0021234	VOLUME	496151.061	3754742.705	756.47
LOCATION	L0021235	VOLUME	496158.385	3754738.216	755.44
LOCATION	L0021236	VOLUME	496165.709	3754733.727	754.40
LOCATION	L0021237	VOLUME	496173.032	3754729.238	753.36
LOCATION	L0021238	VOLUME	496180.356	3754724.749	752.33
LOCATION	L0021239	VOLUME	496187.680	3754720.261	751.29
LOCATION	L0021240	VOLUME	496195.004	3754715.772	750.26
LOCATION	L0021241	VOLUME	496202.328	3754711.283	749.22
LOCATION	L0021242	VOLUME	496209.652	3754706.794	748.19
LOCATION	L0021243	VOLUME	496216.976	3754702.305	747.15
LOCATION	L0021244	VOLUME	496224.299	3754697.817	746.12
LOCATION	L0021245	VOLUME	496231.623	3754693.328	745.08
LOCATION	L0021246	VOLUME	496238.947	3754688.839	744.05
LOCATION	L0021247	VOLUME	496246.271	3754684.350	743.01
LOCATION	L0021248	VOLUME	496253.595	3754679.861	741.97
LOCATION	L0021249	VOLUME	496260.919	3754675.372	740.94
LOCATION	L0021250	VOLUME	496268.242	3754670.884	739.90
LOCATION	L0021251	VOLUME	496275.566	3754666.395	738.87
LOCATION	L0021252	VOLUME	496282.890	3754661.906	737.83
LOCATION	L0021253	VOLUME	496290.214	3754657.417	736.80
LOCATION	L0021254	VOLUME	496297.538	3754652.928	735.76
LOCATION	L0021255	VOLUME	496304.862	3754648.440	734.73
LOCATION	L0021256	VOLUME	496312.186	3754643.951	733.69
LOCATION	L0021257	VOLUME	496319.509	3754639.462	732.66
LOCATION	L0021258	VOLUME	496326.833	3754634.973	731.63
LOCATION	L0021259	VOLUME	496333.157	3754629.484	730.60
LOCATION	L0021260	VOLUME	496340.481	3754624.995	729.57
LOCATION	L0021261	VOLUME	496346.805	3754619.506	728.54
LOCATION	L0021262	VOLUME	496353.129	3754614.017	727.51
LOCATION	L0021263	VOLUME	496360.453	3754608.528	726.48
LOCATION	L0021264	VOLUME	496367.777	3754603.039	725.45
LOCATION	L0021265	VOLUME	496374.101	3754597.550	724.42
LOCATION	L0021266	VOLUME	496381.425	3754592.061	723.39
LOCATION	L0021267	VOLUME	496387.749	3754586.572	722.36
LOCATION	L0021268	VOLUME	496394.073	3754581.083	721.33
LOCATION	L0021269	VOLUME	496401.397	3754575.594	720.30
LOCATION	L0021270	VOLUME	496408.721	3754570.105	719.27
LOCATION	L0021271	VOLUME	496414.045	3754564.616	718.24
LOCATION	L0021272	VOLUME	496421.369	3754559.127	717.21
LOCATION	L0021273	VOLUME	496427.693	3754553.638	716.18
LOCATION	L0021274	VOLUME	496434.017	3754548.149	715.15

LOCATION L0021275	VOLUME	496430.371	3754536.770	751.84
LOCATION L0021276	VOLUME	496433.088	3754528.620	749.46
LOCATION L0021277	VOLUME	496435.804	3754520.471	747.08
LOCATION L0021278	VOLUME	496438.520	3754512.322	744.70

** END OF LINE VOLUME SOURCE ID = SLINE24

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE25

** DESCRSRC OFF-SITE TRAVEL BUILDING 5 ON 4TH ST.

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.00007848

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 24

** 494137.572, 3755818.817, 721.72, 3.49, 4.00

** 494184.428, 3755776.818, 715.27, 3.49, 4.00

** 494456.011, 3755642.418, 716.42, 3.49, 4.00

** 494621.150, 3755567.909, 728.00, 3.49, 4.00

** 494712.784, 3755551.433, 752.84, 3.49, 4.00

** 494944.891, 3755425.401, 738.90, 3.49, 4.00

** 495034.812, 3755375.752, 745.79, 3.49, 4.00

** 495053.337, 3755343.230, 718.79, 3.49, 4.00

** 495093.615, 3755239.750, 751.29, 3.49, 4.00

** 495134.422, 3755208.659, 740.78, 3.49, 4.00

** 495206.320, 3755167.853, 728.35, 3.49, 4.00

** 495272.388, 3755127.046, 745.82, 3.49, 4.00

** 495319.024, 3755111.500, 750.23, 3.49, 4.00

** 495350.115, 3755113.444, 746.72, 3.49, 4.00

** 495363.717, 3755115.387, 738.87, 3.49, 4.00

** 495420.069, 3755107.614, 723.53, 3.49, 4.00

** 495490.023, 3755080.410, 708.21, 3.49, 4.00

** 495845.625, 3754921.069, 719.59, 3.49, 4.00

** 495973.874, 3754851.115, 727.48, 3.49, 4.00

** 496139.045, 3754750.070, 758.17, 3.49, 4.00

** 496319.760, 3754639.308, 732.62, 3.49, 4.00

** 496401.373, 3754577.127, 755.26, 3.49, 4.00

** 496422.748, 3754559.638, 758.51, 3.49, 4.00

** 496440.237, 3754507.172, 743.20, 3.49, 4.00

**

LOCATION L0021279 VOLUME 494140.770 3755815.950 721.28
LOCATION L0021280 VOLUME 494147.167 3755810.217 720.40
LOCATION L0021281 VOLUME 494153.563 3755804.483 719.52
LOCATION L0021282 VOLUME 494159.960 3755798.750 718.64
LOCATION L0021283 VOLUME 494166.356 3755793.016 717.76
LOCATION L0021284 VOLUME 494172.753 3755787.283 716.88
LOCATION L0021285 VOLUME 494179.149 3755781.549 716.00
LOCATION L0021286 VOLUME 494185.774 3755776.152 715.28
LOCATION L0021287 VOLUME 494193.472 3755772.342 715.31

LOCATION	L0021288	VOLUME	494201.171	3755768.532	715.34
LOCATION	L0021289	VOLUME	494208.870	3755764.722	715.37
LOCATION	L0021290	VOLUME	494216.569	3755760.912	715.41
LOCATION	L0021291	VOLUME	494224.268	3755757.102	715.44
LOCATION	L0021292	VOLUME	494231.967	3755753.292	715.47
LOCATION	L0021293	VOLUME	494239.665	3755749.482	715.50
LOCATION	L0021294	VOLUME	494247.364	3755745.672	715.54
LOCATION	L0021295	VOLUME	494255.063	3755741.862	715.57
LOCATION	L0021296	VOLUME	494262.762	3755738.052	715.60
LOCATION	L0021297	VOLUME	494270.461	3755734.242	715.63
LOCATION	L0021298	VOLUME	494278.160	3755730.432	715.67
LOCATION	L0021299	VOLUME	494285.859	3755726.622	715.70
LOCATION	L0021300	VOLUME	494293.557	3755722.812	715.73
LOCATION	L0021301	VOLUME	494301.256	3755719.002	715.76
LOCATION	L0021302	VOLUME	494308.955	3755715.192	715.80
LOCATION	L0021303	VOLUME	494316.654	3755711.382	715.83
LOCATION	L0021304	VOLUME	494324.353	3755707.572	715.86
LOCATION	L0021305	VOLUME	494332.052	3755703.763	715.90
LOCATION	L0021306	VOLUME	494339.750	3755699.953	715.93
LOCATION	L0021307	VOLUME	494347.449	3755696.143	715.96
LOCATION	L0021308	VOLUME	494355.148	3755692.333	715.99
LOCATION	L0021309	VOLUME	494362.847	3755688.523	716.03
LOCATION	L0021310	VOLUME	494370.546	3755684.713	716.06
LOCATION	L0021311	VOLUME	494378.245	3755680.903	716.09
LOCATION	L0021312	VOLUME	494385.944	3755677.093	716.12
LOCATION	L0021313	VOLUME	494393.642	3755673.283	716.16
LOCATION	L0021314	VOLUME	494401.341	3755669.473	716.19
LOCATION	L0021315	VOLUME	494409.040	3755665.663	716.22
LOCATION	L0021316	VOLUME	494416.739	3755661.853	716.25
LOCATION	L0021317	VOLUME	494424.438	3755658.043	716.29
LOCATION	L0021318	VOLUME	494432.137	3755654.233	716.32
LOCATION	L0021319	VOLUME	494439.835	3755650.423	716.35
LOCATION	L0021320	VOLUME	494447.534	3755646.613	716.38
LOCATION	L0021321	VOLUME	494455.233	3755642.803	716.42
LOCATION	L0021322	VOLUME	494463.050	3755639.242	716.91
LOCATION	L0021323	VOLUME	494470.880	3755635.709	717.46
LOCATION	L0021324	VOLUME	494478.710	3755632.177	718.01
LOCATION	L0021325	VOLUME	494486.540	3755628.644	718.56
LOCATION	L0021326	VOLUME	494494.370	3755625.111	719.11
LOCATION	L0021327	VOLUME	494502.199	3755621.578	719.66
LOCATION	L0021328	VOLUME	494510.029	3755618.046	720.21
LOCATION	L0021329	VOLUME	494517.859	3755614.513	720.76
LOCATION	L0021330	VOLUME	494525.689	3755610.980	721.31
LOCATION	L0021331	VOLUME	494533.519	3755607.447	721.86
LOCATION	L0021332	VOLUME	494541.349	3755603.914	722.40
LOCATION	L0021333	VOLUME	494549.179	3755600.382	722.95
LOCATION	L0021334	VOLUME	494557.009	3755596.849	723.50
LOCATION	L0021335	VOLUME	494564.839	3755593.316	724.05
LOCATION	L0021336	VOLUME	494572.669	3755589.783	724.60
LOCATION	L0021337	VOLUME	494580.499	3755586.251	725.15

LOCATION	L0021338	VOLUME	494588.329	3755582.718	725.70
LOCATION	L0021339	VOLUME	494596.158	3755579.185	726.25
LOCATION	L0021340	VOLUME	494603.988	3755575.652	726.80
LOCATION	L0021341	VOLUME	494611.818	3755572.120	727.35
LOCATION	L0021342	VOLUME	494619.648	3755568.587	727.89
LOCATION	L0021343	VOLUME	494627.983	3755566.681	729.85
LOCATION	L0021344	VOLUME	494636.437	3755565.160	732.14
LOCATION	L0021345	VOLUME	494644.892	3755563.640	734.44
LOCATION	L0021346	VOLUME	494653.346	3755562.120	736.73
LOCATION	L0021347	VOLUME	494661.801	3755560.600	739.02
LOCATION	L0021348	VOLUME	494670.255	3755559.080	741.31
LOCATION	L0021349	VOLUME	494678.709	3755557.560	743.60
LOCATION	L0021350	VOLUME	494687.164	3755556.039	745.89
LOCATION	L0021351	VOLUME	494695.618	3755554.519	748.19
LOCATION	L0021352	VOLUME	494704.073	3755552.999	750.48
LOCATION	L0021353	VOLUME	494712.527	3755551.479	752.77
LOCATION	L0021354	VOLUME	494720.104	3755547.458	752.40
LOCATION	L0021355	VOLUME	494727.652	3755543.359	751.95
LOCATION	L0021356	VOLUME	494735.201	3755539.260	751.49
LOCATION	L0021357	VOLUME	494742.750	3755535.161	751.04
LOCATION	L0021358	VOLUME	494750.299	3755531.062	750.59
LOCATION	L0021359	VOLUME	494757.848	3755526.963	750.13
LOCATION	L0021360	VOLUME	494765.397	3755522.864	749.68
LOCATION	L0021361	VOLUME	494772.946	3755518.765	749.23
LOCATION	L0021362	VOLUME	494780.495	3755514.666	748.77
LOCATION	L0021363	VOLUME	494788.044	3755510.567	748.32
LOCATION	L0021364	VOLUME	494795.593	3755506.469	747.87
LOCATION	L0021365	VOLUME	494803.142	3755502.370	747.41
LOCATION	L0021366	VOLUME	494810.691	3755498.271	746.96
LOCATION	L0021367	VOLUME	494818.240	3755494.172	746.51
LOCATION	L0021368	VOLUME	494825.789	3755490.073	746.05
LOCATION	L0021369	VOLUME	494833.338	3755485.974	745.60
LOCATION	L0021370	VOLUME	494840.886	3755481.875	745.15
LOCATION	L0021371	VOLUME	494848.435	3755477.776	744.69
LOCATION	L0021372	VOLUME	494855.984	3755473.677	744.24
LOCATION	L0021373	VOLUME	494863.533	3755469.578	743.79
LOCATION	L0021374	VOLUME	494871.082	3755465.479	743.33
LOCATION	L0021375	VOLUME	494878.631	3755461.380	742.88
LOCATION	L0021376	VOLUME	494886.180	3755457.281	742.43
LOCATION	L0021377	VOLUME	494893.729	3755453.182	741.97
LOCATION	L0021378	VOLUME	494901.278	3755449.083	741.52
LOCATION	L0021379	VOLUME	494908.827	3755444.984	741.07
LOCATION	L0021380	VOLUME	494916.376	3755440.885	740.61
LOCATION	L0021381	VOLUME	494923.925	3755436.786	740.16
LOCATION	L0021382	VOLUME	494931.474	3755432.687	739.71
LOCATION	L0021383	VOLUME	494939.023	3755428.588	739.25
LOCATION	L0021384	VOLUME	494946.565	3755424.477	739.03
LOCATION	L0021385	VOLUME	494954.085	3755420.325	739.60
LOCATION	L0021386	VOLUME	494961.605	3755416.173	740.18
LOCATION	L0021387	VOLUME	494969.125	3755412.021	740.76

LOCATION	L0021388	VOLUME	494976.644	3755407.869	741.33
LOCATION	L0021389	VOLUME	494984.164	3755403.717	741.91
LOCATION	L0021390	VOLUME	494991.684	3755399.564	742.49
LOCATION	L0021391	VOLUME	494999.204	3755395.412	743.06
LOCATION	L0021392	VOLUME	495006.724	3755391.260	743.64
LOCATION	L0021393	VOLUME	495014.244	3755387.108	744.21
LOCATION	L0021394	VOLUME	495021.764	3755382.956	744.79
LOCATION	L0021395	VOLUME	495029.284	3755378.804	745.37
LOCATION	L0021396	VOLUME	495035.938	3755373.775	744.15
LOCATION	L0021397	VOLUME	495040.189	3755366.311	737.95
LOCATION	L0021398	VOLUME	495044.441	3755358.847	731.76
LOCATION	L0021399	VOLUME	495048.693	3755351.383	725.56
LOCATION	L0021400	VOLUME	495052.945	3755343.919	719.36
LOCATION	L0021401	VOLUME	495056.165	3755335.964	721.07
LOCATION	L0021402	VOLUME	495059.281	3755327.959	723.59
LOCATION	L0021403	VOLUME	495062.397	3755319.954	726.10
LOCATION	L0021404	VOLUME	495065.513	3755311.949	728.61
LOCATION	L0021405	VOLUME	495068.629	3755303.944	731.13
LOCATION	L0021406	VOLUME	495071.744	3755295.939	733.64
LOCATION	L0021407	VOLUME	495074.860	3755287.934	736.16
LOCATION	L0021408	VOLUME	495077.976	3755279.929	738.67
LOCATION	L0021409	VOLUME	495081.092	3755271.924	741.19
LOCATION	L0021410	VOLUME	495084.208	3755263.919	743.70
LOCATION	L0021411	VOLUME	495087.324	3755255.914	746.21
LOCATION	L0021412	VOLUME	495090.439	3755247.909	748.73
LOCATION	L0021413	VOLUME	495093.555	3755239.904	751.24
LOCATION	L0021414	VOLUME	495100.317	3755234.644	749.56
LOCATION	L0021415	VOLUME	495107.149	3755229.438	747.80
LOCATION	L0021416	VOLUME	495113.982	3755224.233	746.04
LOCATION	L0021417	VOLUME	495120.815	3755219.027	744.28
LOCATION	L0021418	VOLUME	495127.648	3755213.821	742.52
LOCATION	L0021419	VOLUME	495134.486	3755208.623	740.77
LOCATION	L0021420	VOLUME	495141.956	3755204.383	739.48
LOCATION	L0021421	VOLUME	495149.427	3755200.143	738.19
LOCATION	L0021422	VOLUME	495156.898	3755195.903	736.89
LOCATION	L0021423	VOLUME	495164.368	3755191.663	735.60
LOCATION	L0021424	VOLUME	495171.839	3755187.423	734.31
LOCATION	L0021425	VOLUME	495179.309	3755183.183	733.02
LOCATION	L0021426	VOLUME	495186.780	3755178.943	731.73
LOCATION	L0021427	VOLUME	495194.251	3755174.702	730.44
LOCATION	L0021428	VOLUME	495201.721	3755170.462	729.14
LOCATION	L0021429	VOLUME	495209.129	3755166.117	729.09
LOCATION	L0021430	VOLUME	495216.438	3755161.603	731.03
LOCATION	L0021431	VOLUME	495223.746	3755157.089	732.96
LOCATION	L0021432	VOLUME	495231.055	3755152.575	734.89
LOCATION	L0021433	VOLUME	495238.363	3755148.061	736.82
LOCATION	L0021434	VOLUME	495245.671	3755143.547	738.76
LOCATION	L0021435	VOLUME	495252.980	3755139.033	740.69
LOCATION	L0021436	VOLUME	495260.288	3755134.519	742.62
LOCATION	L0021437	VOLUME	495267.596	3755130.005	744.55

LOCATION	L0021438	VOLUME	495275.194	3755126.110	746.09
LOCATION	L0021439	VOLUME	495283.343	3755123.394	746.86
LOCATION	L0021440	VOLUME	495291.493	3755120.677	747.63
LOCATION	L0021441	VOLUME	495299.642	3755117.961	748.40
LOCATION	L0021442	VOLUME	495307.791	3755115.245	749.17
LOCATION	L0021443	VOLUME	495315.940	3755112.528	749.94
LOCATION	L0021444	VOLUME	495324.353	3755111.834	749.63
LOCATION	L0021445	VOLUME	495332.926	3755112.369	748.66
LOCATION	L0021446	VOLUME	495341.500	3755112.905	747.69
LOCATION	L0021447	VOLUME	495350.073	3755113.441	746.72
LOCATION	L0021448	VOLUME	495358.577	3755114.653	741.84
LOCATION	L0021449	VOLUME	495367.083	3755114.923	737.95
LOCATION	L0021450	VOLUME	495375.592	3755113.749	735.64
LOCATION	L0021451	VOLUME	495384.102	3755112.575	733.32
LOCATION	L0021452	VOLUME	495392.611	3755111.401	731.00
LOCATION	L0021453	VOLUME	495401.121	3755110.228	728.69
LOCATION	L0021454	VOLUME	495409.630	3755109.054	726.37
LOCATION	L0021455	VOLUME	495418.139	3755107.880	724.06
LOCATION	L0021456	VOLUME	495426.260	3755105.207	722.17
LOCATION	L0021457	VOLUME	495434.265	3755102.093	720.42
LOCATION	L0021458	VOLUME	495442.271	3755098.980	718.67
LOCATION	L0021459	VOLUME	495450.277	3755095.866	716.91
LOCATION	L0021460	VOLUME	495458.283	3755092.753	715.16
LOCATION	L0021461	VOLUME	495466.289	3755089.640	713.41
LOCATION	L0021462	VOLUME	495474.295	3755086.526	711.65
LOCATION	L0021463	VOLUME	495482.301	3755083.413	709.90
LOCATION	L0021464	VOLUME	495490.301	3755080.285	708.22
LOCATION	L0021465	VOLUME	495498.140	3755076.773	708.47
LOCATION	L0021466	VOLUME	495505.979	3755073.260	708.72
LOCATION	L0021467	VOLUME	495513.818	3755069.748	708.97
LOCATION	L0021468	VOLUME	495521.657	3755066.235	709.22
LOCATION	L0021469	VOLUME	495529.496	3755062.722	709.47
LOCATION	L0021470	VOLUME	495537.335	3755059.210	709.72
LOCATION	L0021471	VOLUME	495545.174	3755055.697	709.97
LOCATION	L0021472	VOLUME	495553.013	3755052.185	710.23
LOCATION	L0021473	VOLUME	495560.852	3755048.672	710.48
LOCATION	L0021474	VOLUME	495568.691	3755045.160	710.73
LOCATION	L0021475	VOLUME	495576.530	3755041.647	710.98
LOCATION	L0021476	VOLUME	495584.369	3755038.135	711.23
LOCATION	L0021477	VOLUME	495592.208	3755034.622	711.48
LOCATION	L0021478	VOLUME	495600.047	3755031.109	711.73
LOCATION	L0021479	VOLUME	495607.886	3755027.597	711.98
LOCATION	L0021480	VOLUME	495615.725	3755024.084	712.23
LOCATION	L0021481	VOLUME	495623.564	3755020.572	712.48
LOCATION	L0021482	VOLUME	495631.403	3755017.059	712.73
LOCATION	L0021483	VOLUME	495639.242	3755013.547	712.99
LOCATION	L0021484	VOLUME	495647.081	3755010.034	713.24
LOCATION	L0021485	VOLUME	495654.920	3755006.521	713.49
LOCATION	L0021486	VOLUME	495662.759	3755003.009	713.74
LOCATION	L0021487	VOLUME	495670.598	3754999.496	713.99

LOCATION	L0021488	VOLUME	495678.437	3754995.984	714.24
LOCATION	L0021489	VOLUME	495686.276	3754992.471	714.49
LOCATION	L0021490	VOLUME	495694.115	3754988.959	714.74
LOCATION	L0021491	VOLUME	495701.954	3754985.446	714.99
LOCATION	L0021492	VOLUME	495709.793	3754981.934	715.24
LOCATION	L0021493	VOLUME	495717.632	3754978.421	715.49
LOCATION	L0021494	VOLUME	495725.471	3754974.908	715.74
LOCATION	L0021495	VOLUME	495733.310	3754971.396	716.00
LOCATION	L0021496	VOLUME	495741.149	3754967.883	716.25
LOCATION	L0021497	VOLUME	495748.988	3754964.371	716.50
LOCATION	L0021498	VOLUME	495756.827	3754960.858	716.75
LOCATION	L0021499	VOLUME	495764.666	3754957.346	717.00
LOCATION	L0021500	VOLUME	495772.505	3754953.833	717.25
LOCATION	L0021501	VOLUME	495780.344	3754950.321	717.50
LOCATION	L0021502	VOLUME	495788.183	3754946.808	717.75
LOCATION	L0021503	VOLUME	495796.022	3754943.295	718.00
LOCATION	L0021504	VOLUME	495803.861	3754939.783	718.25
LOCATION	L0021505	VOLUME	495811.700	3754936.270	718.50
LOCATION	L0021506	VOLUME	495819.539	3754932.758	718.76
LOCATION	L0021507	VOLUME	495827.378	3754929.245	719.01
LOCATION	L0021508	VOLUME	495835.217	3754925.733	719.26
LOCATION	L0021509	VOLUME	495843.056	3754922.220	719.51
LOCATION	L0021510	VOLUME	495850.895	3754918.707	719.76
LOCATION	L0021511	VOLUME	495858.734	3754915.194	720.01
LOCATION	L0021512	VOLUME	495866.573	3754911.681	720.26
LOCATION	L0021513	VOLUME	495874.412	3754908.168	720.51
LOCATION	L0021514	VOLUME	495882.251	3754904.655	720.76
LOCATION	L0021515	VOLUME	495890.090	3754901.142	721.01
LOCATION	L0021516	VOLUME	495897.929	3754897.629	721.26
LOCATION	L0021517	VOLUME	495905.768	3754894.116	721.51
LOCATION	L0021518	VOLUME	495913.607	3754890.603	721.76
LOCATION	L0021519	VOLUME	495921.446	3754887.090	722.01
LOCATION	L0021520	VOLUME	495929.285	3754883.577	722.26
LOCATION	L0021521	VOLUME	495937.124	3754880.064	722.51
LOCATION	L0021522	VOLUME	495944.963	3754876.551	722.76
LOCATION	L0021523	VOLUME	495952.802	3754873.038	723.01
LOCATION	L0021524	VOLUME	495960.641	3754869.525	723.26
LOCATION	L0021525	VOLUME	495968.480	3754866.012	723.51
LOCATION	L0021526	VOLUME	495976.319	3754862.499	723.76
LOCATION	L0021527	VOLUME	495984.158	3754858.986	724.01
LOCATION	L0021528	VOLUME	495991.997	3754855.473	724.26
LOCATION	L0021529	VOLUME	496000.836	3754851.960	724.51
LOCATION	L0021530	VOLUME	496008.675	3754848.447	724.76
LOCATION	L0021531	VOLUME	496016.514	3754844.934	725.01
LOCATION	L0021532	VOLUME	496024.353	3754841.421	725.26
LOCATION	L0021533	VOLUME	496032.192	3754837.908	725.51
LOCATION	L0021534	VOLUME	496040.031	3754834.395	725.76
LOCATION	L0021535	VOLUME	496047.870	3754830.882	726.01
LOCATION	L0021536	VOLUME	496055.709	3754827.369	726.26
LOCATION	L0021537	VOLUME	496063.548	3754823.856	726.51

LOCATION	L0021538	VOLUME	496059.355	3754798.821	743.36
LOCATION	L0021539	VOLUME	496066.683	3754794.338	744.72
LOCATION	L0021540	VOLUME	496074.010	3754789.855	746.09
LOCATION	L0021541	VOLUME	496081.338	3754785.372	747.45
LOCATION	L0021542	VOLUME	496088.665	3754780.890	748.81
LOCATION	L0021543	VOLUME	496095.993	3754776.407	750.17
LOCATION	L0021544	VOLUME	496103.320	3754771.924	751.53
LOCATION	L0021545	VOLUME	496110.648	3754767.442	752.89
LOCATION	L0021546	VOLUME	496117.976	3754762.959	754.26
LOCATION	L0021547	VOLUME	496125.303	3754758.476	755.62
LOCATION	L0021548	VOLUME	496132.631	3754753.993	756.98
LOCATION	L0021549	VOLUME	496139.958	3754749.510	758.04
LOCATION	L0021550	VOLUME	496147.282	3754745.021	757.01
LOCATION	L0021551	VOLUME	496154.605	3754740.532	755.97
LOCATION	L0021552	VOLUME	496161.929	3754736.043	754.93
LOCATION	L0021553	VOLUME	496169.253	3754731.555	753.90
LOCATION	L0021554	VOLUME	496176.577	3754727.066	752.86
LOCATION	L0021555	VOLUME	496183.901	3754722.577	751.83
LOCATION	L0021556	VOLUME	496191.225	3754718.088	750.79
LOCATION	L0021557	VOLUME	496198.549	3754713.599	749.76
LOCATION	L0021558	VOLUME	496205.872	3754709.111	748.72
LOCATION	L0021559	VOLUME	496213.196	3754704.622	747.69
LOCATION	L0021560	VOLUME	496220.520	3754700.133	746.65
LOCATION	L0021561	VOLUME	496227.844	3754695.644	745.62
LOCATION	L0021562	VOLUME	496235.168	3754691.155	744.58
LOCATION	L0021563	VOLUME	496242.492	3754686.666	743.54
LOCATION	L0021564	VOLUME	496249.815	3754682.178	742.51
LOCATION	L0021565	VOLUME	496257.139	3754677.689	741.47
LOCATION	L0021566	VOLUME	496264.463	3754673.200	740.44
LOCATION	L0021567	VOLUME	496271.787	3754668.711	739.40
LOCATION	L0021568	VOLUME	496279.111	3754664.222	738.37
LOCATION	L0021569	VOLUME	496286.435	3754659.734	737.33
LOCATION	L0021570	VOLUME	496293.758	3754655.245	736.30
LOCATION	L0021571	VOLUME	496301.082	3754650.756	735.26
LOCATION	L0021572	VOLUME	496308.406	3754646.267	734.23
LOCATION	L0021573	VOLUME	496315.730	3754641.778	733.19
LOCATION	L0021574	VOLUME	496322.833	3754636.967	733.47
LOCATION	L0021575	VOLUME	496329.666	3754631.761	735.37
LOCATION	L0021576	VOLUME	496336.499	3754626.555	737.26
LOCATION	L0021577	VOLUME	496343.331	3754621.349	739.16
LOCATION	L0021578	VOLUME	496350.164	3754616.143	741.05
LOCATION	L0021579	VOLUME	496356.997	3754610.938	742.95
LOCATION	L0021580	VOLUME	496363.830	3754605.732	744.85
LOCATION	L0021581	VOLUME	496370.662	3754600.526	746.74
LOCATION	L0021582	VOLUME	496377.495	3754595.320	748.64
LOCATION	L0021583	VOLUME	496384.328	3754590.114	750.53
LOCATION	L0021584	VOLUME	496391.161	3754584.908	752.43
LOCATION	L0021585	VOLUME	496397.993	3754579.702	754.32
LOCATION	L0021586	VOLUME	496404.733	3754574.378	755.77
LOCATION	L0021587	VOLUME	496411.381	3754568.939	756.78

LOCATION L0021588	VOLUME	496418.029	3754563.499	757.79
LOCATION L0021589	VOLUME	496423.537	3754557.273	757.82
LOCATION L0021590	VOLUME	496426.253	3754549.124	755.44
LOCATION L0021591	VOLUME	496428.970	3754540.975	753.06
LOCATION L0021592	VOLUME	496431.686	3754532.826	750.69
LOCATION L0021593	VOLUME	496434.402	3754524.676	748.31
LOCATION L0021594	VOLUME	496437.119	3754516.527	745.93
LOCATION L0021595	VOLUME	496439.835	3754508.378	743.55

** END OF LINE VOLUME SOURCE ID = SLINE25

**

** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

** LINE VOLUME SOURCE ID = SLINE26

** DESCRSRC OFF-SITE TRAVEL 100% TO SR-60

** PREFIX

** LENGTH OF SIDE = 8.59

** CONFIGURATION = ADJACENT

** EMISSION RATE = 0.0003217

** VERTICAL DIMENSION = 6.99

** SZINIT = 3.25

** NODES = 17

** 496435.395, 3754497.390, 741.21, 3.49, 4.00
 ** 496447.383, 3754449.435, 739.20, 3.49, 4.00
 ** 496493.340, 3754371.509, 751.39, 3.49, 4.00
 ** 496557.280, 3754331.546, 761.39, 3.49, 4.00
 ** 496661.182, 3754317.560, 738.92, 3.49, 4.00
 ** 496733.114, 3754321.556, 728.39, 3.49, 4.00
 ** 496791.059, 3754315.561, 732.18, 3.49, 4.00
 ** 496866.988, 3754295.580, 752.09, 3.49, 4.00
 ** 496918.939, 3754283.592, 760.76, 3.49, 4.00
 ** 497577.823, 3754312.996, 741.08, 3.49, 4.00
 ** 498068.913, 3754331.648, 720.16, 3.49, 4.00
 ** 498163.543, 3754330.306, 731.75, 3.49, 4.00
 ** 498255.286, 3754301.582, 730.99, 3.49, 4.00
 ** 498322.453, 3754254.732, 729.93, 3.49, 4.00
 ** 498412.434, 3754236.147, 733.81, 3.49, 4.00
 ** 498459.425, 3754235.071, 731.80, 3.49, 4.00
 ** 498456.940, 3754797.155, 742.87, 3.49, 4.00

**

LOCATION L0021596	VOLUME	496436.436	3754493.223	741.04
LOCATION L0021597	VOLUME	496438.520	3754484.890	740.69
LOCATION L0021598	VOLUME	496440.603	3754476.556	740.34
LOCATION L0021599	VOLUME	496442.687	3754468.223	739.99
LOCATION L0021600	VOLUME	496444.770	3754459.889	739.64
LOCATION L0021601	VOLUME	496446.853	3754451.556	739.29
LOCATION L0021602	VOLUME	496450.637	3754443.919	740.06
LOCATION L0021603	VOLUME	496455.000	3754436.520	741.22
LOCATION L0021604	VOLUME	496459.364	3754429.120	742.38
LOCATION L0021605	VOLUME	496463.728	3754421.721	743.54
LOCATION L0021606	VOLUME	496468.091	3754414.322	744.69
LOCATION L0021607	VOLUME	496472.455	3754406.923	745.85

LOCATION	L0021608	VOLUME	496476.818	3754399.524	747.01
LOCATION	L0021609	VOLUME	496481.182	3754392.125	748.17
LOCATION	L0021610	VOLUME	496485.546	3754384.726	749.32
LOCATION	L0021611	VOLUME	496489.909	3754377.327	750.48
LOCATION	L0021612	VOLUME	496494.897	3754370.536	751.63
LOCATION	L0021613	VOLUME	496502.181	3754365.983	752.77
LOCATION	L0021614	VOLUME	496509.466	3754361.430	753.91
LOCATION	L0021615	VOLUME	496516.750	3754356.878	755.05
LOCATION	L0021616	VOLUME	496524.034	3754352.325	756.19
LOCATION	L0021617	VOLUME	496531.318	3754347.772	757.33
LOCATION	L0021618	VOLUME	496538.603	3754343.220	758.47
LOCATION	L0021619	VOLUME	496545.887	3754338.667	759.61
LOCATION	L0021620	VOLUME	496553.171	3754334.114	760.75
LOCATION	L0021621	VOLUME	496560.991	3754331.047	760.59
LOCATION	L0021622	VOLUME	496569.505	3754329.901	758.75
LOCATION	L0021623	VOLUME	496578.018	3754328.755	756.91
LOCATION	L0021624	VOLUME	496586.531	3754327.609	755.06
LOCATION	L0021625	VOLUME	496595.044	3754326.463	753.22
LOCATION	L0021626	VOLUME	496603.557	3754325.317	751.38
LOCATION	L0021627	VOLUME	496612.071	3754324.171	749.54
LOCATION	L0021628	VOLUME	496620.584	3754323.025	747.70
LOCATION	L0021629	VOLUME	496629.097	3754321.879	745.86
LOCATION	L0021630	VOLUME	496637.610	3754320.733	744.02
LOCATION	L0021631	VOLUME	496646.124	3754319.587	742.18
LOCATION	L0021632	VOLUME	496654.637	3754318.441	740.34
LOCATION	L0021633	VOLUME	496663.165	3754317.670	738.63
LOCATION	L0021634	VOLUME	496671.741	3754318.146	737.37
LOCATION	L0021635	VOLUME	496680.318	3754318.623	736.12
LOCATION	L0021636	VOLUME	496688.895	3754319.099	734.86
LOCATION	L0021637	VOLUME	496697.472	3754319.576	733.61
LOCATION	L0021638	VOLUME	496706.049	3754320.052	732.35
LOCATION	L0021639	VOLUME	496714.625	3754320.529	731.10
LOCATION	L0021640	VOLUME	496723.202	3754321.005	729.84
LOCATION	L0021641	VOLUME	496731.779	3754321.482	728.59
LOCATION	L0021642	VOLUME	496740.328	3754320.810	728.86
LOCATION	L0021643	VOLUME	496748.873	3754319.926	729.42
LOCATION	L0021644	VOLUME	496757.417	3754319.042	729.98
LOCATION	L0021645	VOLUME	496765.962	3754318.158	730.54
LOCATION	L0021646	VOLUME	496774.506	3754317.274	731.10
LOCATION	L0021647	VOLUME	496783.050	3754316.390	731.66
LOCATION	L0021648	VOLUME	496791.580	3754315.425	732.32
LOCATION	L0021649	VOLUME	496799.887	3754313.238	734.49
LOCATION	L0021650	VOLUME	496808.194	3754311.052	736.67
LOCATION	L0021651	VOLUME	496816.501	3754308.866	738.85
LOCATION	L0021652	VOLUME	496824.809	3754306.680	741.03
LOCATION	L0021653	VOLUME	496833.116	3754304.494	743.21
LOCATION	L0021654	VOLUME	496841.423	3754302.308	745.39
LOCATION	L0021655	VOLUME	496849.730	3754300.122	747.56
LOCATION	L0021656	VOLUME	496858.037	3754297.936	749.74
LOCATION	L0021657	VOLUME	496866.344	3754295.750	751.92

LOCATION	L0021658	VOLUME	496874.710	3754293.798	753.38
LOCATION	L0021659	VOLUME	496883.080	3754291.867	754.78
LOCATION	L0021660	VOLUME	496891.450	3754289.935	756.17
LOCATION	L0021661	VOLUME	496899.820	3754288.004	757.57
LOCATION	L0021662	VOLUME	496908.190	3754286.072	758.97
LOCATION	L0021663	VOLUME	496916.560	3754284.141	760.36
LOCATION	L0021664	VOLUME	496925.081	3754283.866	760.58
LOCATION	L0021665	VOLUME	496933.662	3754284.249	760.32
LOCATION	L0021666	VOLUME	496942.244	3754284.632	760.06
LOCATION	L0021667	VOLUME	496950.825	3754285.015	759.81
LOCATION	L0021668	VOLUME	496959.407	3754285.398	759.55
LOCATION	L0021669	VOLUME	496967.988	3754285.781	759.29
LOCATION	L0021670	VOLUME	496976.570	3754286.164	759.04
LOCATION	L0021671	VOLUME	496985.151	3754286.546	758.78
LOCATION	L0021672	VOLUME	496993.733	3754286.929	758.53
LOCATION	L0021673	VOLUME	497002.314	3754287.312	758.27
LOCATION	L0021674	VOLUME	497010.896	3754287.695	758.01
LOCATION	L0021675	VOLUME	497019.477	3754288.078	757.76
LOCATION	L0021676	VOLUME	497028.059	3754288.461	757.50
LOCATION	L0021677	VOLUME	497036.640	3754288.844	757.24
LOCATION	L0021678	VOLUME	497045.221	3754289.227	756.99
LOCATION	L0021679	VOLUME	497053.803	3754289.610	756.73
LOCATION	L0021680	VOLUME	497062.384	3754289.993	756.48
LOCATION	L0021681	VOLUME	497070.966	3754290.376	756.22
LOCATION	L0021682	VOLUME	497079.547	3754290.759	755.96
LOCATION	L0021683	VOLUME	497088.129	3754291.142	755.71
LOCATION	L0021684	VOLUME	497096.710	3754291.525	755.45
LOCATION	L0021685	VOLUME	497105.292	3754291.908	755.19
LOCATION	L0021686	VOLUME	497113.873	3754292.291	754.94
LOCATION	L0021687	VOLUME	497122.455	3754292.674	754.68
LOCATION	L0021688	VOLUME	497131.036	3754293.057	754.42
LOCATION	L0021689	VOLUME	497139.617	3754293.440	754.17
LOCATION	L0021690	VOLUME	497148.199	3754293.823	753.91
LOCATION	L0021691	VOLUME	497156.780	3754294.206	753.66
LOCATION	L0021692	VOLUME	497165.362	3754294.589	753.40
LOCATION	L0021693	VOLUME	497173.943	3754294.972	753.14
LOCATION	L0021694	VOLUME	497182.525	3754295.355	752.89
LOCATION	L0021695	VOLUME	497191.106	3754295.738	752.63
LOCATION	L0021696	VOLUME	497199.688	3754296.121	752.37
LOCATION	L0021697	VOLUME	497208.269	3754296.504	752.12
LOCATION	L0021698	VOLUME	497216.851	3754296.886	751.86
LOCATION	L0021699	VOLUME	497225.432	3754297.269	751.61
LOCATION	L0021700	VOLUME	497234.014	3754297.652	751.35
LOCATION	L0021701	VOLUME	497242.595	3754298.035	751.09
LOCATION	L0021702	VOLUME	497251.176	3754298.418	750.84
LOCATION	L0021703	VOLUME	497259.758	3754298.801	750.58
LOCATION	L0021704	VOLUME	497268.339	3754299.184	750.32
LOCATION	L0021705	VOLUME	497276.921	3754299.567	750.07
LOCATION	L0021706	VOLUME	497285.502	3754299.950	749.81
LOCATION	L0021707	VOLUME	497294.084	3754300.333	749.55

LOCATION	L0021708	VOLUME	497302.665	3754300.716	749.30
LOCATION	L0021709	VOLUME	497311.247	3754301.099	749.04
LOCATION	L0021710	VOLUME	497319.828	3754301.482	748.79
LOCATION	L0021711	VOLUME	497328.410	3754301.865	748.53
LOCATION	L0021712	VOLUME	497336.991	3754302.248	748.27
LOCATION	L0021713	VOLUME	497345.572	3754302.631	748.02
LOCATION	L0021714	VOLUME	497354.154	3754303.014	747.76
LOCATION	L0021715	VOLUME	497362.735	3754303.397	747.50
LOCATION	L0021716	VOLUME	497371.317	3754303.780	747.25
LOCATION	L0021717	VOLUME	497379.898	3754304.163	746.99
LOCATION	L0021718	VOLUME	497388.480	3754304.546	746.74
LOCATION	L0021719	VOLUME	497397.061	3754304.929	746.48
LOCATION	L0021720	VOLUME	497405.643	3754305.312	746.22
LOCATION	L0021721	VOLUME	497414.224	3754305.695	745.97
LOCATION	L0021722	VOLUME	497422.806	3754306.078	745.71
LOCATION	L0021723	VOLUME	497431.387	3754306.461	745.45
LOCATION	L0021724	VOLUME	497439.969	3754306.844	745.20
LOCATION	L0021725	VOLUME	497448.550	3754307.226	744.94
LOCATION	L0021726	VOLUME	497457.131	3754307.609	744.68
LOCATION	L0021727	VOLUME	497465.713	3754307.992	744.43
LOCATION	L0021728	VOLUME	497474.294	3754308.375	744.17
LOCATION	L0021729	VOLUME	497482.876	3754308.758	743.92
LOCATION	L0021730	VOLUME	497491.457	3754309.141	743.66
LOCATION	L0021731	VOLUME	497500.039	3754309.524	743.40
LOCATION	L0021732	VOLUME	497508.620	3754309.907	743.15
LOCATION	L0021733	VOLUME	497517.202	3754310.290	742.89
LOCATION	L0021734	VOLUME	497525.783	3754310.673	742.63
LOCATION	L0021735	VOLUME	497534.365	3754311.056	742.38
LOCATION	L0021736	VOLUME	497542.946	3754311.439	742.12
LOCATION	L0021737	VOLUME	497551.528	3754311.822	741.87
LOCATION	L0021738	VOLUME	497560.109	3754312.205	741.61
LOCATION	L0021739	VOLUME	497568.690	3754312.588	741.35
LOCATION	L0021740	VOLUME	497577.272	3754312.971	741.10
LOCATION	L0021741	VOLUME	497585.856	3754313.354	740.84
LOCATION	L0021742	VOLUME	497594.439	3754313.737	740.58
LOCATION	L0021743	VOLUME	497603.023	3754314.120	740.32
LOCATION	L0021744	VOLUME	497611.607	3754314.503	739.99
LOCATION	L0021745	VOLUME	497620.191	3754314.886	739.73
LOCATION	L0021746	VOLUME	497628.775	3754315.269	739.47
LOCATION	L0021747	VOLUME	497637.358	3754315.652	739.21
LOCATION	L0021748	VOLUME	497645.942	3754316.035	738.95
LOCATION	L0021749	VOLUME	497654.526	3754316.418	738.69
LOCATION	L0021750	VOLUME	497663.110	3754316.801	738.43
LOCATION	L0021751	VOLUME	497671.694	3754317.184	738.17
LOCATION	L0021752	VOLUME	497680.277	3754317.567	737.91
LOCATION	L0021753	VOLUME	497688.861	3754317.950	737.65
LOCATION	L0021754	VOLUME	497697.445	3754318.333	737.39
LOCATION	L0021755	VOLUME	497706.029	3754318.716	737.13
LOCATION	L0021756	VOLUME	497714.613	3754319.099	736.87
LOCATION	L0021757	VOLUME	497723.197	3754320.482	736.61

LOCATION	L0021758	VOLUME	497731.780	3754318.843	734.52
LOCATION	L0021759	VOLUME	497740.364	3754319.169	734.16
LOCATION	L0021760	VOLUME	497748.948	3754319.495	733.79
LOCATION	L0021761	VOLUME	497757.532	3754319.821	733.42
LOCATION	L0021762	VOLUME	497766.116	3754320.147	733.06
LOCATION	L0021763	VOLUME	497774.699	3754320.473	732.69
LOCATION	L0021764	VOLUME	497783.283	3754320.799	732.33
LOCATION	L0021765	VOLUME	497791.867	3754321.125	731.96
LOCATION	L0021766	VOLUME	497800.451	3754321.451	731.60
LOCATION	L0021767	VOLUME	497809.035	3754321.777	731.23
LOCATION	L0021768	VOLUME	497817.618	3754322.103	730.86
LOCATION	L0021769	VOLUME	497826.202	3754322.429	730.50
LOCATION	L0021770	VOLUME	497834.786	3754322.755	730.13
LOCATION	L0021771	VOLUME	497843.370	3754323.081	729.77
LOCATION	L0021772	VOLUME	497851.954	3754323.407	729.40
LOCATION	L0021773	VOLUME	497860.537	3754323.733	729.04
LOCATION	L0021774	VOLUME	497869.121	3754324.059	728.67
LOCATION	L0021775	VOLUME	497877.705	3754324.385	728.31
LOCATION	L0021776	VOLUME	497886.289	3754324.711	727.94
LOCATION	L0021777	VOLUME	497894.873	3754325.037	727.57
LOCATION	L0021778	VOLUME	497903.457	3754325.363	727.21
LOCATION	L0021779	VOLUME	497912.040	3754325.689	726.84
LOCATION	L0021780	VOLUME	497920.624	3754326.015	726.48
LOCATION	L0021781	VOLUME	497929.208	3754326.341	726.11
LOCATION	L0021782	VOLUME	497937.792	3754326.668	725.75
LOCATION	L0021783	VOLUME	497946.376	3754326.994	725.38
LOCATION	L0021784	VOLUME	497954.959	3754327.320	725.01
LOCATION	L0021785	VOLUME	497963.543	3754327.646	724.65
LOCATION	L0021786	VOLUME	497972.127	3754327.972	724.28
LOCATION	L0021787	VOLUME	497980.711	3754328.298	723.92
LOCATION	L0021788	VOLUME	497989.295	3754328.624	723.55
LOCATION	L0021789	VOLUME	497997.878	3754328.950	723.19
LOCATION	L0021790	VOLUME	498006.462	3754329.276	722.82
LOCATION	L0021791	VOLUME	498015.046	3754329.602	722.45
LOCATION	L0021792	VOLUME	498023.630	3754329.928	722.09
LOCATION	L0021793	VOLUME	498032.214	3754330.254	721.72
LOCATION	L0021794	VOLUME	498040.798	3754330.580	721.36
LOCATION	L0021795	VOLUME	498049.381	3754330.906	720.99
LOCATION	L0021796	VOLUME	498057.965	3754331.232	720.63
LOCATION	L0021797	VOLUME	498066.549	3754331.558	720.26
LOCATION	L0021798	VOLUME	498075.137	3754331.559	720.92
LOCATION	L0021799	VOLUME	498083.726	3754331.438	721.97
LOCATION	L0021800	VOLUME	498092.315	3754331.316	723.03
LOCATION	L0021801	VOLUME	498100.904	3754331.194	724.08
LOCATION	L0021802	VOLUME	498109.493	3754331.072	725.13
LOCATION	L0021803	VOLUME	498118.082	3754330.950	726.18
LOCATION	L0021804	VOLUME	498126.671	3754330.829	727.23
LOCATION	L0021805	VOLUME	498135.261	3754330.707	728.29
LOCATION	L0021806	VOLUME	498143.850	3754330.585	729.34
LOCATION	L0021807	VOLUME	498152.439	3754330.463	730.39

LOCATION	L0021808	VOLUME	498161.028	3754330.342	731.44
LOCATION	L0021809	VOLUME	498169.340	3754328.491	731.70
LOCATION	L0021810	VOLUME	498177.538	3754325.924	731.63
LOCATION	L0021811	VOLUME	498185.735	3754323.358	731.57
LOCATION	L0021812	VOLUME	498193.933	3754320.791	731.50
LOCATION	L0021813	VOLUME	498202.131	3754318.224	731.43
LOCATION	L0021814	VOLUME	498210.328	3754315.658	731.36
LOCATION	L0021815	VOLUME	498218.526	3754313.091	731.29
LOCATION	L0021816	VOLUME	498226.723	3754310.525	731.23
LOCATION	L0021817	VOLUME	498234.921	3754307.958	731.16
LOCATION	L0021818	VOLUME	498243.119	3754305.392	731.09
LOCATION	L0021819	VOLUME	498251.316	3754302.825	731.02
LOCATION	L0021820	VOLUME	498258.920	3754299.048	730.93
LOCATION	L0021821	VOLUME	498265.965	3754294.133	730.82
LOCATION	L0021822	VOLUME	498273.010	3754289.219	730.71
LOCATION	L0021823	VOLUME	498280.056	3754284.305	730.60
LOCATION	L0021824	VOLUME	498287.101	3754279.390	730.49
LOCATION	L0021825	VOLUME	498294.147	3754274.476	730.38
LOCATION	L0021826	VOLUME	498301.192	3754269.561	730.27
LOCATION	L0021827	VOLUME	498308.237	3754264.647	730.15
LOCATION	L0021828	VOLUME	498315.283	3754259.733	730.04
LOCATION	L0021829	VOLUME	498322.328	3754254.818	729.93
LOCATION	L0021830	VOLUME	498330.716	3754253.025	730.29
LOCATION	L0021831	VOLUME	498339.129	3754251.287	730.65
LOCATION	L0021832	VOLUME	498347.541	3754249.550	731.01
LOCATION	L0021833	VOLUME	498355.954	3754247.812	731.37
LOCATION	L0021834	VOLUME	498364.366	3754246.075	731.74
LOCATION	L0021835	VOLUME	498372.778	3754244.337	732.10
LOCATION	L0021836	VOLUME	498381.191	3754242.600	732.46
LOCATION	L0021837	VOLUME	498389.603	3754240.862	732.83
LOCATION	L0021838	VOLUME	498398.016	3754239.125	733.19
LOCATION	L0021839	VOLUME	498406.428	3754237.387	733.55
LOCATION	L0021840	VOLUME	498414.891	3754236.091	733.70
LOCATION	L0021841	VOLUME	498423.479	3754235.894	733.34
LOCATION	L0021842	VOLUME	498432.066	3754235.697	732.97
LOCATION	L0021843	VOLUME	498440.654	3754235.500	732.60
LOCATION	L0021844	VOLUME	498449.242	3754235.304	732.24
LOCATION	L0021845	VOLUME	498457.830	3754235.107	731.87
LOCATION	L0021846	VOLUME	498459.394	3754242.065	731.94
LOCATION	L0021847	VOLUME	498459.356	3754250.655	732.11
LOCATION	L0021848	VOLUME	498459.318	3754259.245	732.28
LOCATION	L0021849	VOLUME	498459.280	3754267.835	732.45
LOCATION	L0021850	VOLUME	498459.242	3754276.424	732.61
LOCATION	L0021851	VOLUME	498459.204	3754285.014	732.78
LOCATION	L0021852	VOLUME	498459.166	3754293.604	732.95
LOCATION	L0021853	VOLUME	498459.128	3754302.194	733.12
LOCATION	L0021854	VOLUME	498459.090	3754310.784	733.29
LOCATION	L0021855	VOLUME	498459.052	3754319.374	733.46
LOCATION	L0021856	VOLUME	498459.014	3754327.964	733.63
LOCATION	L0021857	VOLUME	498458.976	3754336.554	733.80

LOCATION	L0021858	VOLUME	498458.938	3754345.144	733.97
LOCATION	L0021859	VOLUME	498458.900	3754353.734	734.14
LOCATION	L0021860	VOLUME	498458.862	3754362.324	734.31
LOCATION	L0021861	VOLUME	498458.824	3754370.914	734.48
LOCATION	L0021862	VOLUME	498458.786	3754379.503	734.64
LOCATION	L0021863	VOLUME	498458.748	3754388.093	734.81
LOCATION	L0021864	VOLUME	498458.710	3754396.683	734.98
LOCATION	L0021865	VOLUME	498458.672	3754405.273	735.15
LOCATION	L0021866	VOLUME	498458.634	3754413.863	735.32
LOCATION	L0021867	VOLUME	498458.596	3754422.453	735.49
LOCATION	L0021868	VOLUME	498458.558	3754431.043	735.66
LOCATION	L0021869	VOLUME	498458.520	3754439.633	735.83
LOCATION	L0021870	VOLUME	498458.482	3754448.223	736.00
LOCATION	L0021871	VOLUME	498458.444	3754456.813	736.17
LOCATION	L0021872	VOLUME	498458.407	3754465.403	736.34
LOCATION	L0021873	VOLUME	498458.369	3754473.993	736.51
LOCATION	L0021874	VOLUME	498458.331	3754482.582	736.67
LOCATION	L0021875	VOLUME	498458.293	3754491.172	736.84
LOCATION	L0021876	VOLUME	498458.255	3754499.762	737.01
LOCATION	L0021877	VOLUME	498458.217	3754508.352	737.18
LOCATION	L0021878	VOLUME	498458.179	3754516.942	737.35
LOCATION	L0021879	VOLUME	498458.141	3754525.532	737.52
LOCATION	L0021880	VOLUME	498458.103	3754534.122	737.69
LOCATION	L0021881	VOLUME	498458.065	3754542.712	737.86
LOCATION	L0021882	VOLUME	498458.027	3754551.302	738.03
LOCATION	L0021883	VOLUME	498457.989	3754559.892	738.20
LOCATION	L0021884	VOLUME	498457.951	3754568.482	738.37
LOCATION	L0021885	VOLUME	498457.913	3754577.072	738.54
LOCATION	L0021886	VOLUME	498457.875	3754585.661	738.70
LOCATION	L0021887	VOLUME	498457.837	3754594.251	738.87
LOCATION	L0021888	VOLUME	498457.799	3754602.841	739.04
LOCATION	L0021889	VOLUME	498457.761	3754611.431	739.21
LOCATION	L0021890	VOLUME	498457.723	3754620.021	739.38
LOCATION	L0021891	VOLUME	498457.685	3754628.611	739.55
LOCATION	L0021892	VOLUME	498457.647	3754637.201	739.72
LOCATION	L0021893	VOLUME	498457.609	3754645.791	739.89
LOCATION	L0021894	VOLUME	498457.571	3754654.381	740.06
LOCATION	L0021895	VOLUME	498457.533	3754662.971	740.23
LOCATION	L0021896	VOLUME	498457.495	3754671.561	740.40
LOCATION	L0021897	VOLUME	498457.457	3754680.151	740.57
LOCATION	L0021898	VOLUME	498457.419	3754688.740	740.73
LOCATION	L0021899	VOLUME	498457.381	3754697.330	740.90
LOCATION	L0021900	VOLUME	498457.343	3754705.920	741.07
LOCATION	L0021901	VOLUME	498457.305	3754714.510	741.24
LOCATION	L0021902	VOLUME	498457.267	3754723.100	741.41
LOCATION	L0021903	VOLUME	498457.229	3754731.690	741.58
LOCATION	L0021904	VOLUME	498457.191	3754740.280	741.75
LOCATION	L0021905	VOLUME	498457.153	3754748.870	741.92
LOCATION	L0021906	VOLUME	498457.115	3754757.460	742.09
LOCATION	L0021907	VOLUME	498457.077	3754766.050	742.26

LOCATION L0021908 VOLUME 498457.039 3754774.640 742.43
LOCATION L0021909 VOLUME 498457.001 3754783.229 742.60
LOCATION L0021910 VOLUME 498456.963 3754791.819 742.76

** END OF LINE VOLUME SOURCE ID = SLINE26

** SOURCE PARAMETERS **

** LINE VOLUME SOURCE ID = SLINE1

SRCPARAM L0018301	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018302	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018303	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018304	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018305	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018306	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018307	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018308	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018309	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018310	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018311	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018312	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018313	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018314	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018315	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018316	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018317	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018318	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018319	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018320	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018321	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018322	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018323	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018324	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018325	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018326	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018327	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018328	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018329	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018330	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018331	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018332	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018333	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018334	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018335	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018336	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018337	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018338	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018339	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018340	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018341	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018342	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018343	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018344	0.0000008461	3.49	4.00	3.25

SRCPARAM L0018345	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018346	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018347	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018348	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018349	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018350	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018351	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018352	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018353	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018354	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018355	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018356	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018357	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018358	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018359	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018360	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018361	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018362	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018363	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018364	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018365	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018366	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018367	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018368	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018369	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018370	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018371	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018372	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018373	0.0000008461	3.49	4.00	3.25
SRCPARAM L0018374	0.0000008461	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE2

SRCPARAM L0018375	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018376	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018377	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018378	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018379	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018380	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018381	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018382	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018383	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018384	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018385	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018386	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018387	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018388	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018389	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018390	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018391	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018392	0.0000008944	3.49	4.00	3.25

SRCPARAM L0018443	0.0000008944	3.49	4.00	3.25
SRCPARAM L0018444	0.0000008944	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE3

SRCPARAM L0018445	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018446	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018447	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018448	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018449	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018450	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018451	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018452	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018453	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018454	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018455	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018456	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018457	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018458	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018459	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018460	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018461	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018462	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018463	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018464	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018465	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018466	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018467	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018468	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018469	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018470	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018471	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018472	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018473	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018474	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018475	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018476	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018477	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018478	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018479	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018480	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018481	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018482	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018483	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018484	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018485	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018486	0.0000006295	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE4

SRCPARAM L0018487	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018488	0.0000006295	3.49	4.00	3.25

SRCPARAM L0018489	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018490	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018491	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018492	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018493	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018494	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018495	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018496	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018497	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018498	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018499	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018500	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018501	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018502	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018503	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018504	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018505	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018506	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018507	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018508	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018509	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018510	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018511	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018512	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018513	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018514	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018515	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018516	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018517	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018518	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018519	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018520	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018521	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018522	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018523	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018524	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018525	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018526	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018527	0.0000006295	3.49	4.00	3.25
SRCPARAM L0018528	0.0000006295	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE5

SRCPARAM L0018529	0.0000006123	3.49	4.00	3.25
SRCPARAM L0018530	0.0000006123	3.49	4.00	3.25
SRCPARAM L0018531	0.0000006123	3.49	4.00	3.25
SRCPARAM L0018532	0.0000006123	3.49	4.00	3.25
SRCPARAM L0018533	0.0000006123	3.49	4.00	3.25
SRCPARAM L0018534	0.0000006123	3.49	4.00	3.25
SRCPARAM L0018535	0.0000006123	3.49	4.00	3.25
SRCPARAM L0018536	0.0000006123	3.49	4.00	3.25

SRCPARAM	L0018537	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018538	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018539	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018540	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018541	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018542	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018543	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018544	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018545	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018546	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018547	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018548	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018549	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018550	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018551	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018552	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018553	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018554	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018555	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018556	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018557	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018558	0.0000006123	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE6

SRCPARAM	L0018559	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018560	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018561	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018562	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018563	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018564	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018565	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018566	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018567	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018568	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018569	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018570	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018571	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018572	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018573	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018574	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018575	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018576	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018577	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018578	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018579	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018580	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018581	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018582	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018583	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018584	0.0000006123	3.49	4.00	3.25

SRCPARAM	L0018585	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018586	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018587	0.0000006123	3.49	4.00	3.25
SRCPARAM	L0018588	0.0000006123	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE7

SRCPARAM	L0018589	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018590	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018591	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018592	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018593	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018594	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018595	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018596	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018597	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018598	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018599	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018600	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018601	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018602	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018603	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018604	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018605	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018606	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018607	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018608	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018609	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018610	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018611	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018612	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018613	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018614	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018615	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018616	0.0000005879	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE8

SRCPARAM	L0018617	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018618	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018619	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018620	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018621	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018622	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018623	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018624	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018625	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018626	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018627	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018628	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018629	0.0000005879	3.49	4.00	3.25
SRCPARAM	L0018630	0.0000005879	3.49	4.00	3.25

SRCPARAM L0018631	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018632	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018633	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018634	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018635	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018636	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018637	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018638	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018639	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018640	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018641	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018642	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018643	0.0000005879	3.49	4.00	3.25
SRCPARAM L0018644	0.0000005879	3.49	4.00	3.25

**

** LINE VOLUME SOURCE ID = SLINE9

SRCPARAM L0018645	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018646	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018647	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018648	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018649	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018650	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018651	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018652	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018653	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018654	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018655	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018656	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018657	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018658	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018659	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018660	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018661	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018662	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018663	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018664	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018665	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018666	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018667	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018668	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018669	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018670	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018671	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018672	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018673	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018674	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018675	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018676	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018677	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018678	0.0000006027	3.49	4.00	3.25

SRCPARAM L0018679	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018680	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018681	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018682	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018683	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018684	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018685	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018686	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018687	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018688	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018689	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018690	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018691	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018692	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018693	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018694	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018695	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018696	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018697	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018698	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018699	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018700	0.0000006027	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE10

SRCPARAM L0018701	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018702	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018703	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018704	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018705	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018706	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018707	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018708	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018709	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018710	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018711	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018712	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018713	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018714	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018715	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018716	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018717	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018718	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018719	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018720	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018721	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018722	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018723	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018724	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018725	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018726	0.0000006027	3.49	4.00	3.25

SRCPARAM L0018727	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018728	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018729	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018730	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018731	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018732	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018733	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018734	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018735	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018736	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018737	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018738	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018739	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018740	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018741	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018742	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018743	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018744	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018745	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018746	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018747	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018748	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018749	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018750	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018751	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018752	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018753	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018754	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018755	0.0000006027	3.49	4.00	3.25
SRCPARAM L0018756	0.0000006027	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE11

SRCPARAM L0018757	0.000000409	3.49	4.00	3.25
SRCPARAM L0018758	0.000000409	3.49	4.00	3.25
SRCPARAM L0018759	0.000000409	3.49	4.00	3.25
SRCPARAM L0018760	0.000000409	3.49	4.00	3.25
SRCPARAM L0018761	0.000000409	3.49	4.00	3.25
SRCPARAM L0018762	0.000000409	3.49	4.00	3.25
SRCPARAM L0018763	0.000000409	3.49	4.00	3.25
SRCPARAM L0018764	0.000000409	3.49	4.00	3.25
SRCPARAM L0018765	0.000000409	3.49	4.00	3.25
SRCPARAM L0018766	0.000000409	3.49	4.00	3.25
SRCPARAM L0018767	0.000000409	3.49	4.00	3.25
SRCPARAM L0018768	0.000000409	3.49	4.00	3.25
SRCPARAM L0018769	0.000000409	3.49	4.00	3.25
SRCPARAM L0018770	0.000000409	3.49	4.00	3.25
SRCPARAM L0018771	0.000000409	3.49	4.00	3.25
SRCPARAM L0018772	0.000000409	3.49	4.00	3.25
SRCPARAM L0018773	0.000000409	3.49	4.00	3.25
SRCPARAM L0018774	0.000000409	3.49	4.00	3.25

SRCPARAM L0018875	0.000000409	3.49	4.00	3.25
SRCPARAM L0018876	0.000000409	3.49	4.00	3.25
SRCPARAM L0018877	0.000000409	3.49	4.00	3.25
SRCPARAM L0018878	0.000000409	3.49	4.00	3.25
SRCPARAM L0018879	0.000000409	3.49	4.00	3.25
SRCPARAM L0018880	0.000000409	3.49	4.00	3.25
SRCPARAM L0018881	0.000000409	3.49	4.00	3.25
SRCPARAM L0018882	0.000000409	3.49	4.00	3.25
SRCPARAM L0018883	0.000000409	3.49	4.00	3.25
SRCPARAM L0018884	0.000000409	3.49	4.00	3.25
SRCPARAM L0018885	0.000000409	3.49	4.00	3.25
SRCPARAM L0018886	0.000000409	3.49	4.00	3.25
SRCPARAM L0018887	0.000000409	3.49	4.00	3.25
SRCPARAM L0018888	0.000000409	3.49	4.00	3.25
SRCPARAM L0018889	0.000000409	3.49	4.00	3.25
SRCPARAM L0018890	0.000000409	3.49	4.00	3.25
SRCPARAM L0018891	0.000000409	3.49	4.00	3.25
SRCPARAM L0018892	0.000000409	3.49	4.00	3.25
SRCPARAM L0018893	0.000000409	3.49	4.00	3.25
SRCPARAM L0018894	0.000000409	3.49	4.00	3.25
SRCPARAM L0018895	0.000000409	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE12

SRCPARAM L0018896	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018897	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018898	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018899	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018900	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018901	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018902	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018903	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018904	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018905	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018906	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018907	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018908	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018909	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018910	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018911	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018912	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018913	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018914	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018915	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018916	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018917	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018918	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018919	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018920	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018921	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018922	0.0000004058	3.49	4.00	3.25

SRCPARAM L0018973	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018974	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018975	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018976	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018977	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018978	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018979	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018980	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018981	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018982	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018983	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018984	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018985	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018986	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018987	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018988	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018989	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018990	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018991	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018992	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018993	0.0000004058	3.49	4.00	3.25
SRCPARAM L0018994	0.0000004058	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE13

SRCPARAM L0019094	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019095	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019096	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019097	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019098	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019099	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019100	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019101	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019102	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019103	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019104	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019105	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019106	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019107	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019108	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019109	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019110	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019111	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019112	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019113	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019114	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019115	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019116	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019117	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019118	0.0000002092	3.49	4.00	3.25
SRCPARAM L0019119	0.0000002092	3.49	4.00	3.25

SRCPARAM	L0019120	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019121	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019122	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019123	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019124	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019125	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019126	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019127	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019128	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019129	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019130	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019131	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019132	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019133	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019134	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019135	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019136	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019137	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019138	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019139	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019140	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019141	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019142	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019143	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019144	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019145	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019146	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019147	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019148	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019149	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019150	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019151	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019152	0.0000002092	3.49	4.00	3.25
SRCPARAM	L0019153	0.0000002092	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE14

SRCPARAM	L0019154	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019155	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019156	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019157	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019158	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019159	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019160	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019161	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019162	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019163	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019164	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019165	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019166	0.0000002094	3.49	4.00	3.25
SRCPARAM	L0019167	0.0000002094	3.49	4.00	3.25

SRCPARAM L0019218	0.0000002094	3.49	4.00	3.25
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** LINE VOLUME SOURCE ID = SLINE15

SRCPARAM L0019219	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019220	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019221	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019222	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019223	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019224	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019225	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019226	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019227	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019228	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019229	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019230	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019231	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019232	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019233	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019234	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019235	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019236	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019237	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019238	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019239	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019240	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019241	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019242	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019243	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019244	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019245	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019246	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019247	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019248	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019249	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019250	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019251	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019252	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019253	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019254	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019255	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019256	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019257	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019258	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019259	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019260	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019261	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019262	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019263	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019264	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019265	0.0000001459	3.49	4.00	3.25

SRCPARAM L0019266	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019267	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019268	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019269	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019270	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019271	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019272	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019273	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019274	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019275	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019276	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019277	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019278	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019279	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019280	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019281	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019282	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019283	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019284	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019285	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019286	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019287	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019288	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019289	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019290	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019291	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019292	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019293	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019294	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019295	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019296	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019297	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019298	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019299	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019300	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019301	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019302	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019303	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019304	0.0000001459	3.49	4.00	3.25
SRCPARAM L0019305	0.0000001459	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE16

SRCPARAM L0019306	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019307	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019308	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019309	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019310	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019311	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019312	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019313	0.0000001439	3.49	4.00	3.25

SRCPARAM L0019314	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019315	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019316	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019317	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019318	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019319	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019320	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019321	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019322	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019323	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019324	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019325	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019326	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019327	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019328	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019329	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019330	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019331	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019332	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019333	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019334	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019335	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019336	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019337	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019338	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019339	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019340	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019341	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019342	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019343	0.0000001439	3.49	4.00	3.25
SRCPARAM L0019344	0.0000001439	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE17

SRCPARAM L0020965	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020966	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020967	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020968	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020969	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020970	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020971	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020972	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020973	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020974	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020975	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020976	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020977	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020978	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020979	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020980	0.0000001304	3.49	4.00	3.25
SRCPARAM L0020981	0.0000001304	3.49	4.00	3.25

SRCPARAM L0021032	0.0000001304	3.49	4.00	3.25
SRCPARAM L0021033	0.0000001304	3.49	4.00	3.25
SRCPARAM L0021034	0.0000001304	3.49	4.00	3.25
SRCPARAM L0021035	0.0000001304	3.49	4.00	3.25
SRCPARAM L0021036	0.0000001304	3.49	4.00	3.25
SRCPARAM L0021037	0.0000001304	3.49	4.00	3.25
SRCPARAM L0021038	0.0000001304	3.49	4.00	3.25
SRCPARAM L0021039	0.0000001304	3.49	4.00	3.25
SRCPARAM L0021040	0.0000001304	3.49	4.00	3.25
SRCPARAM L0021041	0.0000001304	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE18

SRCPARAM L0019422	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019423	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019424	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019425	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019426	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019427	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019428	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019429	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019430	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019431	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019432	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019433	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019434	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019435	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019436	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019437	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019438	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019439	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019440	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019441	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019442	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019443	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019444	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019445	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019446	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019447	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019448	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019449	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019450	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019451	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019452	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019453	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019454	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019455	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019456	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019457	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019458	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019459	0.0000001305	3.49	4.00	3.25

SRCPARAM L0019460	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019461	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019462	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019463	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019464	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019465	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019466	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019467	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019468	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019469	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019470	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019471	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019472	0.0000001305	3.49	4.00	3.25
SRCPARAM L0019473	0.0000001305	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE19

SRCPARAM L0019474	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019475	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019476	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019477	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019478	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019479	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019480	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019481	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019482	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019483	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019484	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019485	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019486	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019487	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019488	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019489	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019490	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019491	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019492	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019493	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019494	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019495	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019496	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019497	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019498	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019499	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019500	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019501	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019502	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019503	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019504	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019505	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019506	0.0000002685	3.49	4.00	3.25
SRCPARAM L0019507	0.0000002685	3.49	4.00	3.25

SRCPARAM	L0019558	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019559	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019560	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019561	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019562	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019563	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019564	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019565	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019566	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019567	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019568	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019569	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019570	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019571	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019572	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019573	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019574	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019575	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019576	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019577	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019578	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019579	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019580	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019581	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019582	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019583	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019584	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019585	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019586	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019587	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019588	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019589	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019590	0.0000002685	3.49	4.00	3.25
SRCPARAM	L0019591	0.0000002685	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE20

SRCPARAM	L0019592	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019593	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019594	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019595	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019596	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019597	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019598	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019599	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019600	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019601	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019602	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019603	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019604	0.0000002669	3.49	4.00	3.25
SRCPARAM	L0019605	0.0000002669	3.49	4.00	3.25

SRCPARAM L0019656	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019657	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019658	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019659	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019660	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019661	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019662	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019663	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019664	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019665	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019666	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019667	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019668	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019669	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019670	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019671	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019672	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019673	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019674	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019675	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019676	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019677	0.0000002669	3.49	4.00	3.25
SRCPARAM L0019678	0.0000002669	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE21

SRCPARAM L0019679	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019680	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019681	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019682	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019683	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019684	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019685	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019686	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019687	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019688	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019689	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019690	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019691	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019692	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019693	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019694	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019695	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019696	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019697	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019698	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019699	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019700	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019701	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019702	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019703	0.0000003221	3.49	4.00	3.25

SRCPARAM L0019754	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019755	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019756	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019757	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019758	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019759	0.0000003221	3.49	4.00	3.25
SRCPARAM L0019760	0.0000003221	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE22

SRCPARAM L0019761	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019762	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019763	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019764	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019765	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019766	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019767	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019768	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019769	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019770	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019771	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019772	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019773	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019774	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019775	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019776	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019777	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019778	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019779	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019780	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019781	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019782	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019783	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019784	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019785	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019786	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019787	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019788	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019789	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019790	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019791	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019792	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019793	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019794	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019795	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019796	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019797	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019798	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019799	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019800	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019801	0.0000001938	3.49	4.00	3.25

SRCPARAM L0019902	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019903	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019904	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019905	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019906	0.0000001938	3.49	4.00	3.25
SRCPARAM L0019907	0.0000001938	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE23

SRCPARAM L0019908	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019909	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019910	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019911	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019912	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019913	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019914	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019915	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019916	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019917	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019918	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019919	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019920	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019921	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019922	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019923	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019924	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019925	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019926	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019927	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019928	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019929	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019930	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019931	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019932	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019933	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019934	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019935	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019936	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019937	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019938	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019939	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019940	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019941	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019942	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019943	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019944	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019945	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019946	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019947	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019948	0.0000001348	3.49	4.00	3.25
SRCPARAM L0019949	0.0000001348	3.49	4.00	3.25

SRCPARAM L0020050	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020051	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020052	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020053	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020054	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020055	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020056	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020057	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020058	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020059	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020060	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020061	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020062	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020063	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020064	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020065	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020066	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020067	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020068	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020069	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020070	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020071	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020072	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020073	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020074	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020075	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020076	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020077	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020078	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020079	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020080	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020081	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020082	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020083	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020084	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020085	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020086	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020087	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020088	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020089	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020090	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020091	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020092	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020093	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020094	0.0000001348	3.49	4.00	3.25
SRCPARAM L0020095	0.0000001348	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE24

SRCPARAM L0021042	0.0000001209	3.49	4.00	3.25
SRCPARAM L0021043	0.0000001209	3.49	4.00	3.25

SRCPARAM	L0021244	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021245	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021246	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021247	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021248	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021249	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021250	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021251	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021252	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021253	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021254	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021255	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021256	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021257	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021258	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021259	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021260	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021261	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021262	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021263	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021264	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021265	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021266	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021267	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021268	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021269	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021270	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021271	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021272	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021273	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021274	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021275	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021276	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021277	0.0000001209	3.49	4.00	3.25
SRCPARAM	L0021278	0.0000001209	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE25

SRCPARAM	L0021279	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021280	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021281	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021282	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021283	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021284	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021285	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021286	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021287	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021288	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021289	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021290	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021291	0.0000002476	3.49	4.00	3.25

SRCPARAM	L0021592	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021593	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021594	0.0000002476	3.49	4.00	3.25
SRCPARAM	L0021595	0.0000002476	3.49	4.00	3.25

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** LINE VOLUME SOURCE ID = SLINE26

SRCPARAM	L0021596	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021597	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021598	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021599	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021600	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021601	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021602	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021603	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021604	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021605	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021606	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021607	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021608	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021609	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021610	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021611	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021612	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021613	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021614	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021615	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021616	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021617	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021618	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021619	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021620	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021621	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021622	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021623	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021624	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021625	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021626	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021627	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021628	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021629	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021630	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021631	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021632	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021633	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021634	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021635	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021636	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021637	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021638	0.000001021	3.49	4.00	3.25
SRCPARAM	L0021639	0.000001021	3.49	4.00	3.25

SRCPARAM L0021890	0.000001021	3.49	4.00	3.25
SRCPARAM L0021891	0.000001021	3.49	4.00	3.25
SRCPARAM L0021892	0.000001021	3.49	4.00	3.25
SRCPARAM L0021893	0.000001021	3.49	4.00	3.25
SRCPARAM L0021894	0.000001021	3.49	4.00	3.25
SRCPARAM L0021895	0.000001021	3.49	4.00	3.25
SRCPARAM L0021896	0.000001021	3.49	4.00	3.25
SRCPARAM L0021897	0.000001021	3.49	4.00	3.25
SRCPARAM L0021898	0.000001021	3.49	4.00	3.25
SRCPARAM L0021899	0.000001021	3.49	4.00	3.25
SRCPARAM L0021900	0.000001021	3.49	4.00	3.25
SRCPARAM L0021901	0.000001021	3.49	4.00	3.25
SRCPARAM L0021902	0.000001021	3.49	4.00	3.25
SRCPARAM L0021903	0.000001021	3.49	4.00	3.25
SRCPARAM L0021904	0.000001021	3.49	4.00	3.25
SRCPARAM L0021905	0.000001021	3.49	4.00	3.25
SRCPARAM L0021906	0.000001021	3.49	4.00	3.25
SRCPARAM L0021907	0.000001021	3.49	4.00	3.25
SRCPARAM L0021908	0.000001021	3.49	4.00	3.25
SRCPARAM L0021909	0.000001021	3.49	4.00	3.25
SRCPARAM L0021910	0.000001021	3.49	4.00	3.25

**

 URBANSRC ALL
 SRCGROUP ALL

SO FINISHED

**

** AERMOD RECEPTOR PATHWAY

**

**

RE STARTING
 INCLUDED "12397 OPS HRAV2.ROU"

RE FINISHED

**

** AERMOD METEOROLOGY PATHWAY

**

**

ME STARTING
 SURFFILE BNAP_V9_ADJU\BNAP_V9.SFC
 PROFFILE BNAP_V9_ADJU\BNAP_V9.PFL
 SURFDATA 3171 2011
 UAIRDATA 3190 2011
 SITEDATA 99999 2011
 PROFBASE 660.0 METERS

ME FINISHED

**

** AERMOD OUTPUT PATHWAY

**
**
OU STARTING
** AUTO-GENERATED PLOTFILES
PLOTFILE ANNUAL ALL "12397 OPS HRAV2.AD\AN00GALL.PLT" 31
SUMMFILE "12397 OPS HRAV2.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 5747 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 5747 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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

*** MODEL SETUP OPTIONS SUMMARY

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

-- DEPOSITION LOGIC --

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

**Model Uses URBAN Dispersion Algorithm for the SBL for 2565 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

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

**Other Options Specified:
ADJ_U* - Use ADJ_U* option for SBL in AERMET
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: 2565 Source(s); 1 Source Group(s); and 22
Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 2565 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of 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) = 660.00 ; 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: 12397 OPS HRAV2.ERR

**File for Summary of Results: 12397 OPS HRAV2.SUM

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018301		0	0.84610E-06	496069.0	3755122.8	713.5	3.49	4.00
3.25	YES							
L0018302		0	0.84610E-06	496076.3	3755118.2	713.6	3.49	4.00
3.25	YES							
L0018303		0	0.84610E-06	496083.6	3755113.7	713.6	3.49	4.00
3.25	YES							

L0018304	0	0.84610E-06	496090.9	3755109.2	713.7	3.49	4.00
3.25	YES						
L0018305	0	0.84610E-06	496098.2	3755104.7	713.8	3.49	4.00
3.25	YES						
L0018306	0	0.84610E-06	496105.5	3755100.2	713.9	3.49	4.00
3.25	YES						
L0018307	0	0.84610E-06	496112.8	3755095.7	714.0	3.49	4.00
3.25	YES						
L0018308	0	0.84610E-06	496120.1	3755091.1	714.1	3.49	4.00
3.25	YES						
L0018309	0	0.84610E-06	496127.4	3755086.6	714.2	3.49	4.00
3.25	YES						
L0018310	0	0.84610E-06	496134.7	3755082.1	714.2	3.49	4.00
3.25	YES						
L0018311	0	0.84610E-06	496142.0	3755077.6	714.3	3.49	4.00
3.25	YES						
L0018312	0	0.84610E-06	496149.3	3755073.1	714.4	3.49	4.00
3.25	YES						
L0018313	0	0.84610E-06	496156.7	3755068.6	714.5	3.49	4.00
3.25	YES						
L0018314	0	0.84610E-06	496164.0	3755064.0	714.6	3.49	4.00
3.25	YES						
L0018315	0	0.84610E-06	496171.3	3755059.5	714.7	3.49	4.00
3.25	YES						
L0018316	0	0.84610E-06	496178.6	3755055.0	714.8	3.49	4.00
3.25	YES						
L0018317	0	0.84610E-06	496185.9	3755050.5	714.8	3.49	4.00
3.25	YES						
L0018318	0	0.84610E-06	496193.2	3755046.0	714.9	3.49	4.00
3.25	YES						
L0018319	0	0.84610E-06	496200.5	3755041.5	715.0	3.49	4.00
3.25	YES						
L0018320	0	0.84610E-06	496207.8	3755037.0	715.1	3.49	4.00
3.25	YES						
L0018321	0	0.84610E-06	496215.1	3755032.4	715.2	3.49	4.00
3.25	YES						
L0018322	0	0.84610E-06	496222.4	3755027.9	715.3	3.49	4.00
3.25	YES						
L0018323	0	0.84610E-06	496229.7	3755023.4	715.3	3.49	4.00
3.25	YES						
L0018324	0	0.84610E-06	496237.0	3755018.9	715.4	3.49	4.00
3.25	YES						
L0018325	0	0.84610E-06	496244.3	3755014.4	715.5	3.49	4.00
3.25	YES						
L0018326	0	0.84610E-06	496251.6	3755009.9	715.6	3.49	4.00
3.25	YES						
L0018327	0	0.84610E-06	496259.0	3755005.3	715.7	3.49	4.00
3.25	YES						
L0018328	0	0.84610E-06	496266.3	3755000.8	715.8	3.49	4.00
3.25	YES						

L0018329	0	0.84610E-06	496273.6	3754996.3	715.9	3.49	4.00
3.25	YES						
L0018330	0	0.84610E-06	496280.9	3754991.8	715.9	3.49	4.00
3.25	YES						
L0018331	0	0.84610E-06	496288.2	3754987.3	716.0	3.49	4.00
3.25	YES						
L0018332	0	0.84610E-06	496295.5	3754982.8	716.1	3.49	4.00
3.25	YES						
L0018333	0	0.84610E-06	496302.8	3754978.2	716.2	3.49	4.00
3.25	YES						
L0018334	0	0.84610E-06	496310.1	3754973.7	716.3	3.49	4.00
3.25	YES						
L0018335	0	0.84610E-06	496317.4	3754969.2	716.4	3.49	4.00
3.25	YES						
L0018336	0	0.84610E-06	496324.7	3754964.7	716.5	3.49	4.00
3.25	YES						
L0018337	0	0.84610E-06	496332.0	3754960.2	716.5	3.49	4.00
3.25	YES						
L0018338	0	0.84610E-06	496339.3	3754955.7	716.6	3.49	4.00
3.25	YES						
L0018339	0	0.84610E-06	496346.6	3754951.2	716.7	3.49	4.00
3.25	YES						
L0018340	0	0.84610E-06	496354.0	3754946.6	716.8	3.49	4.00
3.25	YES						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018341	0	0.84610E-06	496361.3	3754942.1	716.9	3.49	4.00
3.25	YES						
L0018342	0	0.84610E-06	496368.6	3754937.6	717.0	3.49	4.00
3.25	YES						
L0018343	0	0.84610E-06	496375.9	3754933.1	717.1	3.49	4.00
3.25	YES						

L0018344	0	0.84610E-06	496383.2	3754928.6	717.1	3.49	4.00
3.25	YES						
L0018345	0	0.84610E-06	496390.5	3754924.1	717.2	3.49	4.00
3.25	YES						
L0018346	0	0.84610E-06	496397.8	3754919.5	717.3	3.49	4.00
3.25	YES						
L0018347	0	0.84610E-06	496405.1	3754915.0	717.4	3.49	4.00
3.25	YES						
L0018348	0	0.84610E-06	496412.4	3754910.5	717.5	3.49	4.00
3.25	YES						
L0018349	0	0.84610E-06	496419.7	3754906.0	717.6	3.49	4.00
3.25	YES						
L0018350	0	0.84610E-06	496427.0	3754901.5	717.7	3.49	4.00
3.25	YES						
L0018351	0	0.84610E-06	496434.3	3754897.0	717.7	3.49	4.00
3.25	YES						
L0018352	0	0.84610E-06	496441.6	3754892.4	717.8	3.49	4.00
3.25	YES						
L0018353	0	0.84610E-06	496448.9	3754887.9	717.9	3.49	4.00
3.25	YES						
L0018354	0	0.84610E-06	496456.3	3754883.4	718.0	3.49	4.00
3.25	YES						
L0018355	0	0.84610E-06	496463.6	3754878.9	718.1	3.49	4.00
3.25	YES						
L0018356	0	0.84610E-06	496470.9	3754874.4	718.2	3.49	4.00
3.25	YES						
L0018357	0	0.84610E-06	496478.2	3754869.9	718.2	3.49	4.00
3.25	YES						
L0018358	0	0.84610E-06	496485.5	3754865.4	718.3	3.49	4.00
3.25	YES						
L0018359	0	0.84610E-06	496492.8	3754860.8	718.4	3.49	4.00
3.25	YES						
L0018360	0	0.84610E-06	496500.1	3754856.3	718.5	3.49	4.00
3.25	YES						
L0018361	0	0.84610E-06	496507.4	3754851.8	718.6	3.49	4.00
3.25	YES						
L0018362	0	0.84610E-06	496514.7	3754847.3	718.7	3.49	4.00
3.25	YES						
L0018363	0	0.84610E-06	496522.0	3754842.8	718.8	3.49	4.00
3.25	YES						
L0018364	0	0.84610E-06	496529.3	3754838.3	718.8	3.49	4.00
3.25	YES						
L0018365	0	0.84610E-06	496536.6	3754833.7	718.9	3.49	4.00
3.25	YES						
L0018366	0	0.84610E-06	496543.9	3754829.2	719.0	3.49	4.00
3.25	YES						
L0018367	0	0.84610E-06	496551.2	3754824.7	719.1	3.49	4.00
3.25	YES						
L0018368	0	0.84610E-06	496558.6	3754820.2	719.2	3.49	4.00
3.25	YES						

L0018369	0	0.84610E-06	496565.9	3754815.7	719.3	3.49	4.00
3.25	YES						
L0018370	0	0.84610E-06	496573.2	3754811.2	719.4	3.49	4.00
3.25	YES						
L0018371	0	0.84610E-06	496580.5	3754806.7	719.4	3.49	4.00
3.25	YES						
L0018372	0	0.84610E-06	496587.8	3754802.1	719.5	3.49	4.00
3.25	YES						
L0018373	0	0.84610E-06	496595.1	3754797.6	719.6	3.49	4.00
3.25	YES						
L0018374	0	0.84610E-06	496602.4	3754793.1	719.7	3.49	4.00
3.25	YES						
L0018375	0	0.89440E-06	495951.3	3754936.1	752.2	3.49	4.00
3.25	YES						
L0018376	0	0.89440E-06	495958.6	3754931.6	752.2	3.49	4.00
3.25	YES						
L0018377	0	0.89440E-06	495965.9	3754927.1	752.2	3.49	4.00
3.25	YES						
L0018378	0	0.89440E-06	495973.2	3754922.6	752.3	3.49	4.00
3.25	YES						
L0018379	0	0.89440E-06	495980.6	3754918.1	752.3	3.49	4.00
3.25	YES						
L0018380	0	0.89440E-06	495987.9	3754913.6	752.3	3.49	4.00
3.25	YES						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018381	0	0.89440E-06	495995.2	3754909.1	752.3	3.49	4.00
3.25	YES						
L0018382	0	0.89440E-06	496002.5	3754904.7	752.3	3.49	4.00
3.25	YES						
L0018383	0	0.89440E-06	496009.9	3754900.2	752.3	3.49	4.00
3.25	YES						

L0018384	0	0.89440E-06	496017.2	3754895.7	752.3	3.49	4.00
3.25	YES						
L0018385	0	0.89440E-06	496024.5	3754891.2	752.3	3.49	4.00
3.25	YES						
L0018386	0	0.89440E-06	496031.8	3754886.7	752.3	3.49	4.00
3.25	YES						
L0018387	0	0.89440E-06	496039.2	3754882.2	752.3	3.49	4.00
3.25	YES						
L0018388	0	0.89440E-06	496046.5	3754877.7	752.3	3.49	4.00
3.25	YES						
L0018389	0	0.89440E-06	496053.8	3754873.2	752.3	3.49	4.00
3.25	YES						
L0018390	0	0.89440E-06	496061.1	3754868.8	752.3	3.49	4.00
3.25	YES						
L0018391	0	0.89440E-06	496068.5	3754864.3	752.3	3.49	4.00
3.25	YES						
L0018392	0	0.89440E-06	496075.8	3754859.8	752.3	3.49	4.00
3.25	YES						
L0018393	0	0.89440E-06	496083.1	3754855.3	752.3	3.49	4.00
3.25	YES						
L0018394	0	0.89440E-06	496090.4	3754850.8	752.3	3.49	4.00
3.25	YES						
L0018395	0	0.89440E-06	496097.8	3754846.3	752.3	3.49	4.00
3.25	YES						
L0018396	0	0.89440E-06	496105.1	3754841.8	752.3	3.49	4.00
3.25	YES						
L0018397	0	0.89440E-06	496112.4	3754837.3	752.3	3.49	4.00
3.25	YES						
L0018398	0	0.89440E-06	496119.7	3754832.9	752.3	3.49	4.00
3.25	YES						
L0018399	0	0.89440E-06	496127.1	3754828.4	752.4	3.49	4.00
3.25	YES						
L0018400	0	0.89440E-06	496134.4	3754823.9	752.4	3.49	4.00
3.25	YES						
L0018401	0	0.89440E-06	496141.7	3754819.4	752.4	3.49	4.00
3.25	YES						
L0018402	0	0.89440E-06	496149.0	3754814.9	752.4	3.49	4.00
3.25	YES						
L0018403	0	0.89440E-06	496156.4	3754810.4	752.4	3.49	4.00
3.25	YES						
L0018404	0	0.89440E-06	496163.7	3754805.9	752.4	3.49	4.00
3.25	YES						
L0018405	0	0.89440E-06	496171.0	3754801.4	752.4	3.49	4.00
3.25	YES						
L0018406	0	0.89440E-06	496178.3	3754797.0	752.4	3.49	4.00
3.25	YES						
L0018407	0	0.89440E-06	496185.7	3754792.5	752.4	3.49	4.00
3.25	YES						
L0018408	0	0.89440E-06	496193.0	3754788.0	752.4	3.49	4.00
3.25	YES						

L0018409	0	0.89440E-06	496200.3	3754783.5	752.4	3.49	4.00
3.25	YES						
L0018410	0	0.89440E-06	496207.6	3754779.0	752.4	3.49	4.00
3.25	YES						
L0018411	0	0.89440E-06	496215.0	3754774.5	752.4	3.49	4.00
3.25	YES						
L0018412	0	0.89440E-06	496222.3	3754770.0	752.4	3.49	4.00
3.25	YES						
L0018413	0	0.89440E-06	496229.6	3754765.5	752.4	3.49	4.00
3.25	YES						
L0018414	0	0.89440E-06	496236.9	3754761.1	752.4	3.49	4.00
3.25	YES						
L0018415	0	0.89440E-06	496244.3	3754756.6	752.4	3.49	4.00
3.25	YES						
L0018416	0	0.89440E-06	496251.6	3754752.1	752.4	3.49	4.00
3.25	YES						
L0018417	0	0.89440E-06	496258.9	3754747.6	752.4	3.49	4.00
3.25	YES						
L0018418	0	0.89440E-06	496266.2	3754743.1	752.4	3.49	4.00
3.25	YES						
L0018419	0	0.89440E-06	496273.6	3754738.6	752.5	3.49	4.00
3.25	YES						
L0018420	0	0.89440E-06	496280.9	3754734.1	752.5	3.49	4.00
3.25	YES						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018421	0	0.89440E-06	496288.2	3754729.6	752.5	3.49	4.00
3.25	YES						
L0018422	0	0.89440E-06	496295.5	3754725.2	752.5	3.49	4.00
3.25	YES						
L0018423	0	0.89440E-06	496302.9	3754720.7	752.5	3.49	4.00
3.25	YES						

L0018424	0	0.89440E-06	496310.2	3754716.2	752.5	3.49	4.00
3.25	YES						
L0018425	0	0.89440E-06	496317.5	3754711.7	752.5	3.49	4.00
3.25	YES						
L0018426	0	0.89440E-06	496324.8	3754707.2	752.5	3.49	4.00
3.25	YES						
L0018427	0	0.89440E-06	496332.2	3754702.7	752.5	3.49	4.00
3.25	YES						
L0018428	0	0.89440E-06	496339.5	3754698.2	752.5	3.49	4.00
3.25	YES						
L0018429	0	0.89440E-06	496346.8	3754693.8	752.5	3.49	4.00
3.25	YES						
L0018430	0	0.89440E-06	496354.1	3754689.3	752.5	3.49	4.00
3.25	YES						
L0018431	0	0.89440E-06	496361.5	3754684.8	752.5	3.49	4.00
3.25	YES						
L0018432	0	0.89440E-06	496368.8	3754680.3	752.5	3.49	4.00
3.25	YES						
L0018433	0	0.89440E-06	496376.1	3754675.8	752.5	3.49	4.00
3.25	YES						
L0018434	0	0.89440E-06	496383.4	3754671.3	752.5	3.49	4.00
3.25	YES						
L0018435	0	0.89440E-06	496390.8	3754666.8	752.5	3.49	4.00
3.25	YES						
L0018436	0	0.89440E-06	496398.1	3754662.3	752.5	3.49	4.00
3.25	YES						
L0018437	0	0.89440E-06	496405.4	3754657.9	752.5	3.49	4.00
3.25	YES						
L0018438	0	0.89440E-06	496412.7	3754653.4	752.5	3.49	4.00
3.25	YES						
L0018439	0	0.89440E-06	496420.1	3754648.9	752.5	3.49	4.00
3.25	YES						
L0018440	0	0.89440E-06	496427.4	3754644.4	752.6	3.49	4.00
3.25	YES						
L0018441	0	0.89440E-06	496434.7	3754639.9	752.6	3.49	4.00
3.25	YES						
L0018442	0	0.89440E-06	496442.0	3754635.4	752.6	3.49	4.00
3.25	YES						
L0018443	0	0.89440E-06	496449.4	3754630.9	752.6	3.49	4.00
3.25	YES						
L0018444	0	0.89440E-06	496456.7	3754626.4	752.6	3.49	4.00
3.25	YES						
L0018445	0	0.62950E-06	495563.9	3755360.7	691.4	3.49	4.00
3.25	YES						
L0018446	0	0.62950E-06	495571.8	3755357.2	692.1	3.49	4.00
3.25	YES						
L0018447	0	0.62950E-06	495579.6	3755353.7	692.8	3.49	4.00
3.25	YES						
L0018448	0	0.62950E-06	495587.5	3755350.2	693.5	3.49	4.00
3.25	YES						

L0018449	0	0.62950E-06	495595.3	3755346.7	694.2	3.49	4.00
3.25	YES						
L0018450	0	0.62950E-06	495603.2	3755343.2	694.9	3.49	4.00
3.25	YES						
L0018451	0	0.62950E-06	495611.0	3755339.7	695.6	3.49	4.00
3.25	YES						
L0018452	0	0.62950E-06	495618.9	3755336.2	696.3	3.49	4.00
3.25	YES						
L0018453	0	0.62950E-06	495626.7	3755332.7	697.0	3.49	4.00
3.25	YES						
L0018454	0	0.62950E-06	495634.6	3755329.3	697.7	3.49	4.00
3.25	YES						
L0018455	0	0.62950E-06	495642.4	3755325.8	698.4	3.49	4.00
3.25	YES						
L0018456	0	0.62950E-06	495650.3	3755322.3	699.1	3.49	4.00
3.25	YES						
L0018457	0	0.62950E-06	495658.1	3755318.8	699.8	3.49	4.00
3.25	YES						
L0018458	0	0.62950E-06	495666.0	3755315.3	700.5	3.49	4.00
3.25	YES						
L0018459	0	0.62950E-06	495673.8	3755311.8	701.2	3.49	4.00
3.25	YES						
L0018460	0	0.62950E-06	495681.7	3755308.3	701.9	3.49	4.00
3.25	YES						

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018461	0	0.62950E-06	495689.5	3755304.8	702.6	3.49	4.00
3.25	YES						
L0018462	0	0.62950E-06	495697.4	3755301.3	703.3	3.49	4.00
3.25	YES						
L0018463	0	0.62950E-06	495705.2	3755297.8	704.0	3.49	4.00
3.25	YES						

L0018464	0	0.62950E-06	495713.1	3755294.3	704.7	3.49	4.00
3.25	YES						
L0018465	0	0.62950E-06	495720.9	3755290.8	705.4	3.49	4.00
3.25	YES						
L0018466	0	0.62950E-06	495728.7	3755287.3	706.1	3.49	4.00
3.25	YES						
L0018467	0	0.62950E-06	495736.6	3755283.8	706.8	3.49	4.00
3.25	YES						
L0018468	0	0.62950E-06	495744.4	3755280.3	707.5	3.49	4.00
3.25	YES						
L0018469	0	0.62950E-06	495752.3	3755276.9	708.2	3.49	4.00
3.25	YES						
L0018470	0	0.62950E-06	495760.1	3755273.4	708.9	3.49	4.00
3.25	YES						
L0018471	0	0.62950E-06	495768.0	3755269.9	709.6	3.49	4.00
3.25	YES						
L0018472	0	0.62950E-06	495775.8	3755266.4	710.3	3.49	4.00
3.25	YES						
L0018473	0	0.62950E-06	495783.7	3755262.9	711.0	3.49	4.00
3.25	YES						
L0018474	0	0.62950E-06	495791.5	3755259.4	711.7	3.49	4.00
3.25	YES						
L0018475	0	0.62950E-06	495799.4	3755255.9	712.4	3.49	4.00
3.25	YES						
L0018476	0	0.62950E-06	495807.2	3755252.4	713.1	3.49	4.00
3.25	YES						
L0018477	0	0.62950E-06	495815.1	3755248.9	713.8	3.49	4.00
3.25	YES						
L0018478	0	0.62950E-06	495822.9	3755245.4	714.5	3.49	4.00
3.25	YES						
L0018479	0	0.62950E-06	495830.8	3755241.9	715.2	3.49	4.00
3.25	YES						
L0018480	0	0.62950E-06	495838.6	3755238.4	715.9	3.49	4.00
3.25	YES						
L0018481	0	0.62950E-06	495846.5	3755234.9	716.6	3.49	4.00
3.25	YES						
L0018482	0	0.62950E-06	495854.3	3755231.4	717.3	3.49	4.00
3.25	YES						
L0018483	0	0.62950E-06	495862.2	3755227.9	718.0	3.49	4.00
3.25	YES						
L0018484	0	0.62950E-06	495870.0	3755224.5	718.7	3.49	4.00
3.25	YES						
L0018485	0	0.62950E-06	495877.9	3755221.0	719.4	3.49	4.00
3.25	YES						
L0018486	0	0.62950E-06	495885.7	3755217.5	720.1	3.49	4.00
3.25	YES						
L0018487	0	0.62950E-06	495478.7	3755153.7	728.0	3.49	4.00
3.25	YES						
L0018488	0	0.62950E-06	495486.6	3755150.2	727.7	3.49	4.00
3.25	YES						

L0018489	0	0.62950E-06	495494.4	3755146.7	727.3	3.49	4.00
3.25 YES							
L0018490	0	0.62950E-06	495502.3	3755143.2	727.0	3.49	4.00
3.25 YES							
L0018491	0	0.62950E-06	495510.1	3755139.7	726.8	3.49	4.00
3.25 YES							
L0018492	0	0.62950E-06	495518.0	3755136.2	726.4	3.49	4.00
3.25 YES							
L0018493	0	0.62950E-06	495525.8	3755132.7	726.1	3.49	4.00
3.25 YES							
L0018494	0	0.62950E-06	495533.6	3755129.3	725.8	3.49	4.00
3.25 YES							
L0018495	0	0.62950E-06	495541.5	3755125.8	725.5	3.49	4.00
3.25 YES							
L0018496	0	0.62950E-06	495549.3	3755122.3	725.2	3.49	4.00
3.25 YES							
L0018497	0	0.62950E-06	495557.2	3755118.8	724.9	3.49	4.00
3.25 YES							
L0018498	0	0.62950E-06	495565.0	3755115.3	724.6	3.49	4.00
3.25 YES							
L0018499	0	0.62950E-06	495572.9	3755111.8	724.3	3.49	4.00
3.25 YES							
L0018500	0	0.62950E-06	495580.7	3755108.3	724.0	3.49	4.00
3.25 YES							

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018501	0	0.62950E-06	495588.6	3755104.8	723.7	3.49	4.00
3.25 YES							
L0018502	0	0.62950E-06	495596.4	3755101.3	723.4	3.49	4.00
3.25 YES							
L0018503	0	0.62950E-06	495604.3	3755097.8	723.1	3.49	4.00
3.25 YES							

L0018504	0	0.62950E-06	495612.1	3755094.3	722.8	3.49	4.00
3.25 YES							
L0018505	0	0.62950E-06	495620.0	3755090.8	722.5	3.49	4.00
3.25 YES							
L0018506	0	0.62950E-06	495627.8	3755087.3	722.2	3.49	4.00
3.25 YES							
L0018507	0	0.62950E-06	495635.7	3755083.8	721.9	3.49	4.00
3.25 YES							
L0018508	0	0.62950E-06	495643.5	3755080.3	721.6	3.49	4.00
3.25 YES							
L0018509	0	0.62950E-06	495651.4	3755076.9	721.3	3.49	4.00
3.25 YES							
L0018510	0	0.62950E-06	495659.2	3755073.4	721.0	3.49	4.00
3.25 YES							
L0018511	0	0.62950E-06	495667.1	3755069.9	720.7	3.49	4.00
3.25 YES							
L0018512	0	0.62950E-06	495674.9	3755066.4	720.4	3.49	4.00
3.25 YES							
L0018513	0	0.62950E-06	495682.8	3755062.9	720.1	3.49	4.00
3.25 YES							
L0018514	0	0.62950E-06	495690.6	3755059.4	719.8	3.49	4.00
3.25 YES							
L0018515	0	0.62950E-06	495698.5	3755055.9	719.5	3.49	4.00
3.25 YES							
L0018516	0	0.62950E-06	495706.3	3755052.4	719.2	3.49	4.00
3.25 YES							
L0018517	0	0.62950E-06	495714.1	3755048.9	718.9	3.49	4.00
3.25 YES							
L0018518	0	0.62950E-06	495722.0	3755045.4	718.6	3.49	4.00
3.25 YES							
L0018519	0	0.62950E-06	495729.8	3755041.9	718.2	3.49	4.00
3.25 YES							
L0018520	0	0.62950E-06	495737.7	3755038.4	717.9	3.49	4.00
3.25 YES							
L0018521	0	0.62950E-06	495745.5	3755034.9	717.6	3.49	4.00
3.25 YES							
L0018522	0	0.62950E-06	495753.4	3755031.4	717.3	3.49	4.00
3.25 YES							
L0018523	0	0.62950E-06	495761.2	3755027.9	717.0	3.49	4.00
3.25 YES							
L0018524	0	0.62950E-06	495769.1	3755024.5	716.7	3.49	4.00
3.25 YES							
L0018525	0	0.62950E-06	495776.9	3755021.0	716.4	3.49	4.00
3.25 YES							
L0018526	0	0.62950E-06	495784.8	3755017.5	716.1	3.49	4.00
3.25 YES							
L0018527	0	0.62950E-06	495792.6	3755014.0	715.8	3.49	4.00
3.25 YES							
L0018528	0	0.62950E-06	495800.5	3755010.5	715.5	3.49	4.00
3.25 YES							

L0018529	0	0.61230E-06	495259.5	3755543.4	730.1	3.49	4.00
3.25	YES						
L0018530	0	0.61230E-06	495255.1	3755536.1	731.0	3.49	4.00
3.25	YES						
L0018531	0	0.61230E-06	495250.7	3755528.7	731.9	3.49	4.00
3.25	YES						
L0018532	0	0.61230E-06	495246.2	3755521.3	732.8	3.49	4.00
3.25	YES						
L0018533	0	0.61230E-06	495241.8	3755514.0	733.7	3.49	4.00
3.25	YES						
L0018534	0	0.61230E-06	495237.4	3755506.6	734.6	3.49	4.00
3.25	YES						
L0018535	0	0.61230E-06	495233.0	3755499.2	735.6	3.49	4.00
3.25	YES						
L0018536	0	0.61230E-06	495228.6	3755491.9	736.5	3.49	4.00
3.25	YES						
L0018537	0	0.61230E-06	495224.2	3755484.5	737.4	3.49	4.00
3.25	YES						
L0018538	0	0.61230E-06	495219.7	3755477.1	738.3	3.49	4.00
3.25	YES						
L0018539	0	0.61230E-06	495215.3	3755469.8	739.2	3.49	4.00
3.25	YES						
L0018540	0	0.61230E-06	495210.9	3755462.4	740.1	3.49	4.00
3.25	YES						

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*** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC                       ***      08/05/22
*** AERMET - VERSION 16216 ***      ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018541	0	0.61230E-06	495206.5	3755455.0	741.0	3.49	4.00
3.25	YES						
L0018542	0	0.61230E-06	495202.1	3755447.7	742.0	3.49	4.00
3.25	YES						
L0018543	0	0.61230E-06	495197.6	3755440.3	742.9	3.49	4.00
3.25	YES						

L0018544	0	0.61230E-06	495193.2	3755432.9	743.8	3.49	4.00
3.25	YES						
L0018545	0	0.61230E-06	495188.8	3755425.6	744.7	3.49	4.00
3.25	YES						
L0018546	0	0.61230E-06	495184.4	3755418.2	745.6	3.49	4.00
3.25	YES						
L0018547	0	0.61230E-06	495180.0	3755410.8	746.5	3.49	4.00
3.25	YES						
L0018548	0	0.61230E-06	495175.5	3755403.5	747.5	3.49	4.00
3.25	YES						
L0018549	0	0.61230E-06	495171.1	3755396.1	748.4	3.49	4.00
3.25	YES						
L0018550	0	0.61230E-06	495166.7	3755388.7	749.3	3.49	4.00
3.25	YES						
L0018551	0	0.61230E-06	495162.3	3755381.4	750.2	3.49	4.00
3.25	YES						
L0018552	0	0.61230E-06	495157.9	3755374.0	751.1	3.49	4.00
3.25	YES						
L0018553	0	0.61230E-06	495153.4	3755366.6	752.0	3.49	4.00
3.25	YES						
L0018554	0	0.61230E-06	495149.0	3755359.3	753.0	3.49	4.00
3.25	YES						
L0018555	0	0.61230E-06	495144.6	3755351.9	753.9	3.49	4.00
3.25	YES						
L0018556	0	0.61230E-06	495140.2	3755344.5	754.8	3.49	4.00
3.25	YES						
L0018557	0	0.61230E-06	495135.8	3755337.2	755.7	3.49	4.00
3.25	YES						
L0018558	0	0.61230E-06	495131.3	3755329.8	756.6	3.49	4.00
3.25	YES						
L0018559	0	0.61230E-06	495434.0	3755431.8	698.1	3.49	4.00
3.25	YES						
L0018560	0	0.61230E-06	495429.6	3755424.4	699.0	3.49	4.00
3.25	YES						
L0018561	0	0.61230E-06	495425.2	3755417.1	699.8	3.49	4.00
3.25	YES						
L0018562	0	0.61230E-06	495420.8	3755409.7	700.7	3.49	4.00
3.25	YES						
L0018563	0	0.61230E-06	495416.3	3755402.3	701.5	3.49	4.00
3.25	YES						
L0018564	0	0.61230E-06	495411.9	3755395.0	702.3	3.49	4.00
3.25	YES						
L0018565	0	0.61230E-06	495407.5	3755387.6	703.2	3.49	4.00
3.25	YES						
L0018566	0	0.61230E-06	495403.1	3755380.2	704.0	3.49	4.00
3.25	YES						
L0018567	0	0.61230E-06	495398.7	3755372.9	704.8	3.49	4.00
3.25	YES						
L0018568	0	0.61230E-06	495394.3	3755365.5	705.7	3.49	4.00
3.25	YES						

L0018569	0	0.61230E-06	495389.8	3755358.1	706.5	3.49	4.00
3.25	YES						
L0018570	0	0.61230E-06	495385.4	3755350.8	707.3	3.49	4.00
3.25	YES						
L0018571	0	0.61230E-06	495381.0	3755343.4	708.2	3.49	4.00
3.25	YES						
L0018572	0	0.61230E-06	495376.6	3755336.1	709.0	3.49	4.00
3.25	YES						
L0018573	0	0.61230E-06	495372.2	3755328.7	709.9	3.49	4.00
3.25	YES						
L0018574	0	0.61230E-06	495367.7	3755321.3	710.7	3.49	4.00
3.25	YES						
L0018575	0	0.61230E-06	495363.3	3755314.0	711.5	3.49	4.00
3.25	YES						
L0018576	0	0.61230E-06	495358.9	3755306.6	712.4	3.49	4.00
3.25	YES						
L0018577	0	0.61230E-06	495354.5	3755299.2	713.2	3.49	4.00
3.25	YES						
L0018578	0	0.61230E-06	495350.1	3755291.9	714.0	3.49	4.00
3.25	YES						
L0018579	0	0.61230E-06	495345.6	3755284.5	714.9	3.49	4.00
3.25	YES						
L0018580	0	0.61230E-06	495341.2	3755277.1	715.7	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018581	0	0.61230E-06	495336.8	3755269.8	716.5	3.49	4.00
3.25	YES						
L0018582	0	0.61230E-06	495332.4	3755262.4	717.4	3.49	4.00
3.25	YES						
L0018583	0	0.61230E-06	495328.0	3755255.0	718.2	3.49	4.00
3.25	YES						

L0018584	0	0.61230E-06	495323.5	3755247.7	719.1	3.49	4.00
3.25	YES						
L0018585	0	0.61230E-06	495319.1	3755240.3	719.9	3.49	4.00
3.25	YES						
L0018586	0	0.61230E-06	495314.7	3755232.9	720.7	3.49	4.00
3.25	YES						
L0018587	0	0.61230E-06	495310.3	3755225.6	721.6	3.49	4.00
3.25	YES						
L0018588	0	0.61230E-06	495305.9	3755218.2	722.4	3.49	4.00
3.25	YES						
L0018589	0	0.58790E-06	494924.6	3755713.5	694.7	3.49	4.00
3.25	YES						
L0018590	0	0.58790E-06	494932.1	3755709.4	696.0	3.49	4.00
3.25	YES						
L0018591	0	0.58790E-06	494939.7	3755705.3	697.3	3.49	4.00
3.25	YES						
L0018592	0	0.58790E-06	494947.2	3755701.2	698.7	3.49	4.00
3.25	YES						
L0018593	0	0.58790E-06	494954.8	3755697.1	700.0	3.49	4.00
3.25	YES						
L0018594	0	0.58790E-06	494962.3	3755693.0	701.4	3.49	4.00
3.25	YES						
L0018595	0	0.58790E-06	494969.9	3755688.9	702.7	3.49	4.00
3.25	YES						
L0018596	0	0.58790E-06	494977.4	3755684.8	704.0	3.49	4.00
3.25	YES						
L0018597	0	0.58790E-06	494985.0	3755680.7	705.4	3.49	4.00
3.25	YES						
L0018598	0	0.58790E-06	494992.5	3755676.6	706.7	3.49	4.00
3.25	YES						
L0018599	0	0.58790E-06	495000.1	3755672.5	708.1	3.49	4.00
3.25	YES						
L0018600	0	0.58790E-06	495007.6	3755668.4	709.4	3.49	4.00
3.25	YES						
L0018601	0	0.58790E-06	495015.2	3755664.3	710.7	3.49	4.00
3.25	YES						
L0018602	0	0.58790E-06	495022.7	3755660.2	712.1	3.49	4.00
3.25	YES						
L0018603	0	0.58790E-06	495030.3	3755656.1	713.4	3.49	4.00
3.25	YES						
L0018604	0	0.58790E-06	495037.8	3755652.0	714.8	3.49	4.00
3.25	YES						
L0018605	0	0.58790E-06	495045.4	3755647.9	716.1	3.49	4.00
3.25	YES						
L0018606	0	0.58790E-06	495052.9	3755643.8	717.4	3.49	4.00
3.25	YES						
L0018607	0	0.58790E-06	495060.5	3755639.7	718.8	3.49	4.00
3.25	YES						
L0018608	0	0.58790E-06	495068.0	3755635.6	720.1	3.49	4.00
3.25	YES						

L0018609	0	0.58790E-06	495075.6	3755631.5	721.5	3.49	4.00
3.25	YES						
L0018610	0	0.58790E-06	495083.1	3755627.4	722.8	3.49	4.00
3.25	YES						
L0018611	0	0.58790E-06	495090.7	3755623.3	724.1	3.49	4.00
3.25	YES						
L0018612	0	0.58790E-06	495098.2	3755619.2	725.5	3.49	4.00
3.25	YES						
L0018613	0	0.58790E-06	495105.8	3755615.1	726.8	3.49	4.00
3.25	YES						
L0018614	0	0.58790E-06	495113.3	3755611.0	728.1	3.49	4.00
3.25	YES						
L0018615	0	0.58790E-06	495120.9	3755606.9	729.5	3.49	4.00
3.25	YES						
L0018616	0	0.58790E-06	495128.4	3755602.8	730.8	3.49	4.00
3.25	YES						
L0018617	0	0.58790E-06	494837.3	3755559.3	724.8	3.49	4.00
3.25	YES						
L0018618	0	0.58790E-06	494844.9	3755555.2	725.2	3.49	4.00
3.25	YES						
L0018619	0	0.58790E-06	494852.4	3755551.1	725.6	3.49	4.00
3.25	YES						
L0018620	0	0.58790E-06	494860.0	3755547.0	726.0	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018621	0	0.58790E-06	494867.5	3755542.9	726.4	3.49	4.00
3.25	YES						
L0018622	0	0.58790E-06	494875.1	3755538.8	726.8	3.49	4.00
3.25	YES						
L0018623	0	0.58790E-06	494882.6	3755534.7	727.2	3.49	4.00
3.25	YES						

L0018624	0	0.58790E-06	494890.2	3755530.6	727.6	3.49	4.00
3.25	YES						
L0018625	0	0.58790E-06	494897.7	3755526.5	728.0	3.49	4.00
3.25	YES						
L0018626	0	0.58790E-06	494905.3	3755522.4	728.4	3.49	4.00
3.25	YES						
L0018627	0	0.58790E-06	494912.8	3755518.3	728.8	3.49	4.00
3.25	YES						
L0018628	0	0.58790E-06	494920.4	3755514.2	729.3	3.49	4.00
3.25	YES						
L0018629	0	0.58790E-06	494927.9	3755510.1	729.7	3.49	4.00
3.25	YES						
L0018630	0	0.58790E-06	494935.5	3755506.0	730.1	3.49	4.00
3.25	YES						
L0018631	0	0.58790E-06	494943.0	3755501.9	730.5	3.49	4.00
3.25	YES						
L0018632	0	0.58790E-06	494950.6	3755497.8	730.9	3.49	4.00
3.25	YES						
L0018633	0	0.58790E-06	494958.1	3755493.7	731.3	3.49	4.00
3.25	YES						
L0018634	0	0.58790E-06	494965.7	3755489.6	731.7	3.49	4.00
3.25	YES						
L0018635	0	0.58790E-06	494973.2	3755485.5	732.1	3.49	4.00
3.25	YES						
L0018636	0	0.58790E-06	494980.8	3755481.4	732.5	3.49	4.00
3.25	YES						
L0018637	0	0.58790E-06	494988.3	3755477.3	732.9	3.49	4.00
3.25	YES						
L0018638	0	0.58790E-06	494995.9	3755473.2	733.3	3.49	4.00
3.25	YES						
L0018639	0	0.58790E-06	495003.4	3755469.1	733.7	3.49	4.00
3.25	YES						
L0018640	0	0.58790E-06	495011.0	3755465.0	734.1	3.49	4.00
3.25	YES						
L0018641	0	0.58790E-06	495018.5	3755460.9	734.5	3.49	4.00
3.25	YES						
L0018642	0	0.58790E-06	495026.0	3755456.8	734.9	3.49	4.00
3.25	YES						
L0018643	0	0.58790E-06	495033.6	3755452.7	735.3	3.49	4.00
3.25	YES						
L0018644	0	0.58790E-06	495041.1	3755448.6	735.8	3.49	4.00
3.25	YES						
L0018645	0	0.60270E-06	494328.4	3756023.4	691.2	3.49	4.00
3.25	YES						
L0018646	0	0.60270E-06	494336.1	3756019.7	691.3	3.49	4.00
3.25	YES						
L0018647	0	0.60270E-06	494343.8	3756015.9	691.4	3.49	4.00
3.25	YES						
L0018648	0	0.60270E-06	494351.6	3756012.2	691.5	3.49	4.00
3.25	YES						

L0018649	0	0.60270E-06	494359.3	3756008.4	691.6	3.49	4.00
3.25	YES						
L0018650	0	0.60270E-06	494367.0	3756004.7	691.6	3.49	4.00
3.25	YES						
L0018651	0	0.60270E-06	494374.7	3756000.9	691.7	3.49	4.00
3.25	YES						
L0018652	0	0.60270E-06	494382.5	3755997.2	691.8	3.49	4.00
3.25	YES						
L0018653	0	0.60270E-06	494390.2	3755993.4	691.9	3.49	4.00
3.25	YES						
L0018654	0	0.60270E-06	494397.9	3755989.6	692.0	3.49	4.00
3.25	YES						
L0018655	0	0.60270E-06	494405.6	3755985.9	692.1	3.49	4.00
3.25	YES						
L0018656	0	0.60270E-06	494413.4	3755982.1	692.2	3.49	4.00
3.25	YES						
L0018657	0	0.60270E-06	494421.1	3755978.4	692.3	3.49	4.00
3.25	YES						
L0018658	0	0.60270E-06	494428.8	3755974.6	692.3	3.49	4.00
3.25	YES						
L0018659	0	0.60270E-06	494436.5	3755970.9	692.4	3.49	4.00
3.25	YES						
L0018660	0	0.60270E-06	494444.3	3755967.1	692.5	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018661	0	0.60270E-06	494452.0	3755963.4	692.6	3.49	4.00
3.25	YES						
L0018662	0	0.60270E-06	494459.7	3755959.6	692.7	3.49	4.00
3.25	YES						
L0018663	0	0.60270E-06	494467.5	3755955.9	692.8	3.49	4.00
3.25	YES						

L0018664	0	0.60270E-06	494475.2	3755952.1	692.9	3.49	4.00
3.25 YES							
L0018665	0	0.60270E-06	494482.9	3755948.3	692.9	3.49	4.00
3.25 YES							
L0018666	0	0.60270E-06	494490.6	3755944.6	693.0	3.49	4.00
3.25 YES							
L0018667	0	0.60270E-06	494498.4	3755940.8	693.1	3.49	4.00
3.25 YES							
L0018668	0	0.60270E-06	494506.1	3755937.1	693.2	3.49	4.00
3.25 YES							
L0018669	0	0.60270E-06	494513.8	3755933.3	693.3	3.49	4.00
3.25 YES							
L0018670	0	0.60270E-06	494521.5	3755929.6	693.4	3.49	4.00
3.25 YES							
L0018671	0	0.60270E-06	494529.3	3755925.8	693.5	3.49	4.00
3.25 YES							
L0018672	0	0.60270E-06	494537.0	3755922.1	693.6	3.49	4.00
3.25 YES							
L0018673	0	0.60270E-06	494544.7	3755918.3	693.6	3.49	4.00
3.25 YES							
L0018674	0	0.60270E-06	494552.4	3755914.5	693.7	3.49	4.00
3.25 YES							
L0018675	0	0.60270E-06	494560.2	3755910.8	693.8	3.49	4.00
3.25 YES							
L0018676	0	0.60270E-06	494567.9	3755907.0	693.9	3.49	4.00
3.25 YES							
L0018677	0	0.60270E-06	494575.6	3755903.3	694.0	3.49	4.00
3.25 YES							
L0018678	0	0.60270E-06	494583.3	3755899.5	694.1	3.49	4.00
3.25 YES							
L0018679	0	0.60270E-06	494591.1	3755895.8	694.2	3.49	4.00
3.25 YES							
L0018680	0	0.60270E-06	494598.8	3755892.0	694.2	3.49	4.00
3.25 YES							
L0018681	0	0.60270E-06	494606.5	3755888.3	694.3	3.49	4.00
3.25 YES							
L0018682	0	0.60270E-06	494614.2	3755884.5	694.4	3.49	4.00
3.25 YES							
L0018683	0	0.60270E-06	494622.0	3755880.8	694.5	3.49	4.00
3.25 YES							
L0018684	0	0.60270E-06	494629.7	3755877.0	694.6	3.49	4.00
3.25 YES							
L0018685	0	0.60270E-06	494637.4	3755873.2	694.7	3.49	4.00
3.25 YES							
L0018686	0	0.60270E-06	494645.1	3755869.5	694.8	3.49	4.00
3.25 YES							
L0018687	0	0.60270E-06	494652.9	3755865.7	694.9	3.49	4.00
3.25 YES							
L0018688	0	0.60270E-06	494660.6	3755862.0	694.9	3.49	4.00
3.25 YES							

L0018689	0	0.60270E-06	494668.3	3755858.2	695.0	3.49	4.00
3.25	YES						
L0018690	0	0.60270E-06	494676.0	3755854.5	695.1	3.49	4.00
3.25	YES						
L0018691	0	0.60270E-06	494683.8	3755850.7	695.2	3.49	4.00
3.25	YES						
L0018692	0	0.60270E-06	494691.5	3755847.0	695.3	3.49	4.00
3.25	YES						
L0018693	0	0.60270E-06	494699.2	3755843.2	695.4	3.49	4.00
3.25	YES						
L0018694	0	0.60270E-06	494707.0	3755839.4	695.5	3.49	4.00
3.25	YES						
L0018695	0	0.60270E-06	494714.7	3755835.7	695.6	3.49	4.00
3.25	YES						
L0018696	0	0.60270E-06	494722.4	3755831.9	695.6	3.49	4.00
3.25	YES						
L0018697	0	0.60270E-06	494730.1	3755828.2	695.7	3.49	4.00
3.25	YES						
L0018698	0	0.60270E-06	494737.9	3755824.4	695.8	3.49	4.00
3.25	YES						
L0018699	0	0.60270E-06	494745.6	3755820.7	695.9	3.49	4.00
3.25	YES						
L0018700	0	0.60270E-06	494753.3	3755816.9	696.0	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018701	0	0.60270E-06	494249.0	3755816.5	699.5	3.49	4.00
3.25	YES						
L0018702	0	0.60270E-06	494256.8	3755812.7	700.5	3.49	4.00
3.25	YES						
L0018703	0	0.60270E-06	494264.5	3755808.9	701.5	3.49	4.00
3.25	YES						

L0018704	0	0.60270E-06	494272.2	3755805.2	702.5	3.49	4.00
3.25 YES							
L0018705	0	0.60270E-06	494279.9	3755801.4	703.5	3.49	4.00
3.25 YES							
L0018706	0	0.60270E-06	494287.7	3755797.7	704.5	3.49	4.00
3.25 YES							
L0018707	0	0.60270E-06	494295.4	3755793.9	705.5	3.49	4.00
3.25 YES							
L0018708	0	0.60270E-06	494303.1	3755790.2	706.5	3.49	4.00
3.25 YES							
L0018709	0	0.60270E-06	494310.8	3755786.4	707.5	3.49	4.00
3.25 YES							
L0018710	0	0.60270E-06	494318.6	3755782.7	708.5	3.49	4.00
3.25 YES							
L0018711	0	0.60270E-06	494326.3	3755778.9	709.6	3.49	4.00
3.25 YES							
L0018712	0	0.60270E-06	494334.0	3755775.1	710.6	3.49	4.00
3.25 YES							
L0018713	0	0.60270E-06	494341.8	3755771.4	711.6	3.49	4.00
3.25 YES							
L0018714	0	0.60270E-06	494349.5	3755767.6	712.6	3.49	4.00
3.25 YES							
L0018715	0	0.60270E-06	494357.2	3755763.9	713.6	3.49	4.00
3.25 YES							
L0018716	0	0.60270E-06	494364.9	3755760.1	714.6	3.49	4.00
3.25 YES							
L0018717	0	0.60270E-06	494372.7	3755756.4	715.6	3.49	4.00
3.25 YES							
L0018718	0	0.60270E-06	494380.4	3755752.6	716.6	3.49	4.00
3.25 YES							
L0018719	0	0.60270E-06	494388.1	3755748.9	717.6	3.49	4.00
3.25 YES							
L0018720	0	0.60270E-06	494395.8	3755745.1	718.6	3.49	4.00
3.25 YES							
L0018721	0	0.60270E-06	494403.6	3755741.3	719.6	3.49	4.00
3.25 YES							
L0018722	0	0.60270E-06	494411.3	3755737.6	720.6	3.49	4.00
3.25 YES							
L0018723	0	0.60270E-06	494419.0	3755733.8	721.6	3.49	4.00
3.25 YES							
L0018724	0	0.60270E-06	494426.7	3755730.1	722.7	3.49	4.00
3.25 YES							
L0018725	0	0.60270E-06	494434.5	3755726.3	723.7	3.49	4.00
3.25 YES							
L0018726	0	0.60270E-06	494442.2	3755722.6	724.7	3.49	4.00
3.25 YES							
L0018727	0	0.60270E-06	494449.9	3755718.8	725.7	3.49	4.00
3.25 YES							
L0018728	0	0.60270E-06	494457.6	3755715.1	726.7	3.49	4.00
3.25 YES							

L0018729	0	0.60270E-06	494465.4	3755711.3	727.7	3.49	4.00
3.25	YES						
L0018730	0	0.60270E-06	494473.1	3755707.6	728.7	3.49	4.00
3.25	YES						
L0018731	0	0.60270E-06	494480.8	3755703.8	729.7	3.49	4.00
3.25	YES						
L0018732	0	0.60270E-06	494488.5	3755700.0	730.7	3.49	4.00
3.25	YES						
L0018733	0	0.60270E-06	494496.3	3755696.3	731.7	3.49	4.00
3.25	YES						
L0018734	0	0.60270E-06	494504.0	3755692.5	732.7	3.49	4.00
3.25	YES						
L0018735	0	0.60270E-06	494511.7	3755688.8	733.8	3.49	4.00
3.25	YES						
L0018736	0	0.60270E-06	494519.4	3755685.0	734.8	3.49	4.00
3.25	YES						
L0018737	0	0.60270E-06	494527.2	3755681.3	735.8	3.49	4.00
3.25	YES						
L0018738	0	0.60270E-06	494534.9	3755677.5	736.8	3.49	4.00
3.25	YES						
L0018739	0	0.60270E-06	494542.6	3755673.8	737.8	3.49	4.00
3.25	YES						
L0018740	0	0.60270E-06	494550.3	3755670.0	738.8	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC                ***      08/05/22
*** AERMET - VERSION 16216 ***      ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018741	0	0.60270E-06	494558.1	3755666.2	739.8	3.49	4.00
3.25	YES						
L0018742	0	0.60270E-06	494565.8	3755662.5	740.8	3.49	4.00
3.25	YES						
L0018743	0	0.60270E-06	494573.5	3755658.7	741.8	3.49	4.00
3.25	YES						

L0018744	0	0.60270E-06	494581.2	3755655.0	742.8	3.49	4.00
3.25	YES						
L0018745	0	0.60270E-06	494589.0	3755651.2	743.8	3.49	4.00
3.25	YES						
L0018746	0	0.60270E-06	494596.7	3755647.5	744.8	3.49	4.00
3.25	YES						
L0018747	0	0.60270E-06	494604.4	3755643.7	745.8	3.49	4.00
3.25	YES						
L0018748	0	0.60270E-06	494612.2	3755640.0	746.9	3.49	4.00
3.25	YES						
L0018749	0	0.60270E-06	494619.9	3755636.2	747.9	3.49	4.00
3.25	YES						
L0018750	0	0.60270E-06	494627.6	3755632.4	748.9	3.49	4.00
3.25	YES						
L0018751	0	0.60270E-06	494635.3	3755628.7	749.9	3.49	4.00
3.25	YES						
L0018752	0	0.60270E-06	494643.1	3755624.9	750.9	3.49	4.00
3.25	YES						
L0018753	0	0.60270E-06	494650.8	3755621.2	751.9	3.49	4.00
3.25	YES						
L0018754	0	0.60270E-06	494658.5	3755617.4	752.9	3.49	4.00
3.25	YES						
L0018755	0	0.60270E-06	494666.2	3755613.7	753.9	3.49	4.00
3.25	YES						
L0018756	0	0.60270E-06	494674.0	3755609.9	754.9	3.49	4.00
3.25	YES						
L0018757	0	0.40900E-06	496580.8	3754690.0	727.7	3.49	4.00
3.25	YES						
L0018758	0	0.40900E-06	496585.2	3754697.3	726.9	3.49	4.00
3.25	YES						
L0018759	0	0.40900E-06	496589.7	3754704.6	726.1	3.49	4.00
3.25	YES						
L0018760	0	0.40900E-06	496594.2	3754711.9	725.3	3.49	4.00
3.25	YES						
L0018761	0	0.40900E-06	496598.7	3754719.3	724.5	3.49	4.00
3.25	YES						
L0018762	0	0.40900E-06	496603.1	3754726.6	723.8	3.49	4.00
3.25	YES						
L0018763	0	0.40900E-06	496607.6	3754733.9	723.0	3.49	4.00
3.25	YES						
L0018764	0	0.40900E-06	496612.1	3754741.3	722.2	3.49	4.00
3.25	YES						
L0018765	0	0.40900E-06	496616.6	3754748.6	721.4	3.49	4.00
3.25	YES						
L0018766	0	0.40900E-06	496621.0	3754755.9	720.6	3.49	4.00
3.25	YES						
L0018767	0	0.40900E-06	496625.5	3754763.3	719.9	3.49	4.00
3.25	YES						
L0018768	0	0.40900E-06	496630.0	3754770.6	719.1	3.49	4.00
3.25	YES						

L0018769	0	0.40900E-06	496634.5	3754777.9	718.3	3.49	4.00
3.25 YES							
L0018770	0	0.40900E-06	496639.0	3754785.3	717.5	3.49	4.00
3.25 YES							
L0018771	0	0.40900E-06	496638.3	3754791.4	717.1	3.49	4.00
3.25 YES							
L0018772	0	0.40900E-06	496631.0	3754795.9	717.1	3.49	4.00
3.25 YES							
L0018773	0	0.40900E-06	496623.7	3754800.5	717.2	3.49	4.00
3.25 YES							
L0018774	0	0.40900E-06	496616.5	3754805.1	717.2	3.49	4.00
3.25 YES							
L0018775	0	0.40900E-06	496609.2	3754809.6	717.2	3.49	4.00
3.25 YES							
L0018776	0	0.40900E-06	496601.9	3754814.2	717.3	3.49	4.00
3.25 YES							
L0018777	0	0.40900E-06	496594.6	3754818.7	717.3	3.49	4.00
3.25 YES							
L0018778	0	0.40900E-06	496587.3	3754823.3	717.3	3.49	4.00
3.25 YES							
L0018779	0	0.40900E-06	496580.1	3754827.9	717.4	3.49	4.00
3.25 YES							
L0018780	0	0.40900E-06	496572.8	3754832.4	717.4	3.49	4.00
3.25 YES							

*** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
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 *** 17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY			(METERS)	(METERS)	(METERS)
ID		CATS.	BY			(METERS)	(METERS)	(METERS)
(METERS)								

L0018781	0	0.40900E-06	496565.5	3754837.0	717.4	3.49	4.00
3.25 YES							
L0018782	0	0.40900E-06	496558.2	3754841.6	717.5	3.49	4.00
3.25 YES							
L0018783	0	0.40900E-06	496550.9	3754846.1	717.5	3.49	4.00
3.25 YES							

L0018784	0	0.40900E-06	496543.7	3754850.7	717.5	3.49	4.00
3.25 YES							
L0018785	0	0.40900E-06	496536.4	3754855.2	717.5	3.49	4.00
3.25 YES							
L0018786	0	0.40900E-06	496529.1	3754859.8	717.6	3.49	4.00
3.25 YES							
L0018787	0	0.40900E-06	496521.8	3754864.4	717.6	3.49	4.00
3.25 YES							
L0018788	0	0.40900E-06	496514.5	3754868.9	717.6	3.49	4.00
3.25 YES							
L0018789	0	0.40900E-06	496507.3	3754873.5	717.7	3.49	4.00
3.25 YES							
L0018790	0	0.40900E-06	496500.0	3754878.0	717.7	3.49	4.00
3.25 YES							
L0018791	0	0.40900E-06	496492.7	3754882.6	717.7	3.49	4.00
3.25 YES							
L0018792	0	0.40900E-06	496485.4	3754887.2	717.8	3.49	4.00
3.25 YES							
L0018793	0	0.40900E-06	496478.2	3754891.7	717.8	3.49	4.00
3.25 YES							
L0018794	0	0.40900E-06	496470.9	3754896.3	717.8	3.49	4.00
3.25 YES							
L0018795	0	0.40900E-06	496463.6	3754900.9	717.9	3.49	4.00
3.25 YES							
L0018796	0	0.40900E-06	496456.3	3754905.4	717.9	3.49	4.00
3.25 YES							
L0018797	0	0.40900E-06	496449.0	3754910.0	717.9	3.49	4.00
3.25 YES							
L0018798	0	0.40900E-06	496441.8	3754914.5	718.0	3.49	4.00
3.25 YES							
L0018799	0	0.40900E-06	496434.5	3754919.1	718.0	3.49	4.00
3.25 YES							
L0018800	0	0.40900E-06	496427.2	3754923.7	718.0	3.49	4.00
3.25 YES							
L0018801	0	0.40900E-06	496419.9	3754928.2	718.1	3.49	4.00
3.25 YES							
L0018802	0	0.40900E-06	496412.6	3754932.8	718.1	3.49	4.00
3.25 YES							
L0018803	0	0.40900E-06	496405.4	3754937.3	718.1	3.49	4.00
3.25 YES							
L0018804	0	0.40900E-06	496398.1	3754941.9	718.2	3.49	4.00
3.25 YES							
L0018805	0	0.40900E-06	496390.8	3754946.5	718.2	3.49	4.00
3.25 YES							
L0018806	0	0.40900E-06	496383.5	3754951.0	718.2	3.49	4.00
3.25 YES							
L0018807	0	0.40900E-06	496376.3	3754955.6	718.3	3.49	4.00
3.25 YES							
L0018808	0	0.40900E-06	496369.0	3754960.1	718.3	3.49	4.00
3.25 YES							

L0018809	0	0.40900E-06	496361.7	3754964.7	718.3	3.49	4.00
3.25	YES						
L0018810	0	0.40900E-06	496354.4	3754969.3	718.3	3.49	4.00
3.25	YES						
L0018811	0	0.40900E-06	496347.1	3754973.8	718.4	3.49	4.00
3.25	YES						
L0018812	0	0.40900E-06	496339.9	3754978.4	718.4	3.49	4.00
3.25	YES						
L0018813	0	0.40900E-06	496332.6	3754983.0	718.4	3.49	4.00
3.25	YES						
L0018814	0	0.40900E-06	496325.3	3754987.5	718.5	3.49	4.00
3.25	YES						
L0018815	0	0.40900E-06	496318.0	3754992.1	718.5	3.49	4.00
3.25	YES						
L0018816	0	0.40900E-06	496310.7	3754996.6	718.5	3.49	4.00
3.25	YES						
L0018817	0	0.40900E-06	496303.5	3755001.2	718.6	3.49	4.00
3.25	YES						
L0018818	0	0.40900E-06	496296.2	3755005.8	718.6	3.49	4.00
3.25	YES						
L0018819	0	0.40900E-06	496288.9	3755010.3	718.6	3.49	4.00
3.25	YES						
L0018820	0	0.40900E-06	496281.6	3755014.9	718.7	3.49	4.00
3.25	YES						

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018821	0	0.40900E-06	496274.3	3755019.4	718.7	3.49	4.00
3.25	YES						
L0018822	0	0.40900E-06	496267.1	3755024.0	718.7	3.49	4.00
3.25	YES						
L0018823	0	0.40900E-06	496259.8	3755028.6	718.8	3.49	4.00
3.25	YES						

L0018824	0	0.40900E-06	496252.5	3755033.1	718.8	3.49	4.00
3.25	YES						
L0018825	0	0.40900E-06	496245.2	3755037.7	718.8	3.49	4.00
3.25	YES						
L0018826	0	0.40900E-06	496238.0	3755042.3	718.9	3.49	4.00
3.25	YES						
L0018827	0	0.40900E-06	496230.7	3755046.8	718.9	3.49	4.00
3.25	YES						
L0018828	0	0.40900E-06	496223.4	3755051.4	718.9	3.49	4.00
3.25	YES						
L0018829	0	0.40900E-06	496216.1	3755055.9	719.0	3.49	4.00
3.25	YES						
L0018830	0	0.40900E-06	496208.8	3755060.5	719.0	3.49	4.00
3.25	YES						
L0018831	0	0.40900E-06	496201.6	3755065.1	719.0	3.49	4.00
3.25	YES						
L0018832	0	0.40900E-06	496194.3	3755069.6	719.0	3.49	4.00
3.25	YES						
L0018833	0	0.40900E-06	496187.0	3755074.2	719.1	3.49	4.00
3.25	YES						
L0018834	0	0.40900E-06	496179.7	3755078.7	719.1	3.49	4.00
3.25	YES						
L0018835	0	0.40900E-06	496172.4	3755083.3	719.1	3.49	4.00
3.25	YES						
L0018836	0	0.40900E-06	496165.2	3755087.9	719.2	3.49	4.00
3.25	YES						
L0018837	0	0.40900E-06	496157.9	3755092.4	719.2	3.49	4.00
3.25	YES						
L0018838	0	0.40900E-06	496150.6	3755097.0	719.2	3.49	4.00
3.25	YES						
L0018839	0	0.40900E-06	496143.3	3755101.6	719.3	3.49	4.00
3.25	YES						
L0018840	0	0.40900E-06	496136.0	3755106.1	719.3	3.49	4.00
3.25	YES						
L0018841	0	0.40900E-06	496128.8	3755110.7	719.3	3.49	4.00
3.25	YES						
L0018842	0	0.40900E-06	496121.5	3755115.2	719.4	3.49	4.00
3.25	YES						
L0018843	0	0.40900E-06	496114.2	3755119.8	719.4	3.49	4.00
3.25	YES						
L0018844	0	0.40900E-06	496106.9	3755124.4	719.4	3.49	4.00
3.25	YES						
L0018845	0	0.40900E-06	496099.7	3755128.9	719.5	3.49	4.00
3.25	YES						
L0018846	0	0.40900E-06	496092.4	3755133.5	719.5	3.49	4.00
3.25	YES						
L0018847	0	0.40900E-06	496085.1	3755138.0	719.5	3.49	4.00
3.25	YES						
L0018848	0	0.40900E-06	496077.8	3755142.6	719.6	3.49	4.00
3.25	YES						

L0018849	0	0.40900E-06	496070.5	3755147.2	719.6	3.49	4.00
3.25	YES						
L0018850	0	0.40900E-06	496063.3	3755151.7	719.6	3.49	4.00
3.25	YES						
L0018851	0	0.40900E-06	496056.0	3755156.3	719.7	3.49	4.00
3.25	YES						
L0018852	0	0.40900E-06	496048.7	3755160.8	719.7	3.49	4.00
3.25	YES						
L0018853	0	0.40900E-06	496041.4	3755165.4	719.7	3.49	4.00
3.25	YES						
L0018854	0	0.40900E-06	496034.1	3755170.0	719.8	3.49	4.00
3.25	YES						
L0018855	0	0.40900E-06	496026.9	3755174.5	719.8	3.49	4.00
3.25	YES						
L0018856	0	0.40900E-06	496019.6	3755179.1	719.8	3.49	4.00
3.25	YES						
L0018857	0	0.40900E-06	496012.3	3755183.7	719.8	3.49	4.00
3.25	YES						
L0018858	0	0.40900E-06	496005.0	3755188.2	719.9	3.49	4.00
3.25	YES						
L0018859	0	0.40900E-06	495997.7	3755192.8	719.9	3.49	4.00
3.25	YES						
L0018860	0	0.40900E-06	495990.5	3755197.3	719.9	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018861	0	0.40900E-06	495984.4	3755197.4	719.9	3.49	4.00
3.25	YES						
L0018862	0	0.40900E-06	495980.4	3755189.8	719.7	3.49	4.00
3.25	YES						
L0018863	0	0.40900E-06	495976.5	3755182.1	719.5	3.49	4.00
3.25	YES						

L0018864	0	0.40900E-06	495972.5	3755174.5	719.3	3.49	4.00
3.25 YES							
L0018865	0	0.40900E-06	495968.5	3755166.9	719.1	3.49	4.00
3.25 YES							
L0018866	0	0.40900E-06	495964.5	3755159.3	718.9	3.49	4.00
3.25 YES							
L0018867	0	0.40900E-06	495960.5	3755151.7	718.7	3.49	4.00
3.25 YES							
L0018868	0	0.40900E-06	495956.5	3755144.1	718.5	3.49	4.00
3.25 YES							
L0018869	0	0.40900E-06	495952.5	3755136.5	718.3	3.49	4.00
3.25 YES							
L0018870	0	0.40900E-06	495948.6	3755128.9	718.1	3.49	4.00
3.25 YES							
L0018871	0	0.40900E-06	495944.6	3755121.3	717.9	3.49	4.00
3.25 YES							
L0018872	0	0.40900E-06	495940.6	3755113.7	717.7	3.49	4.00
3.25 YES							
L0018873	0	0.40900E-06	495936.6	3755106.0	717.5	3.49	4.00
3.25 YES							
L0018874	0	0.40900E-06	495932.6	3755098.4	717.3	3.49	4.00
3.25 YES							
L0018875	0	0.40900E-06	495928.7	3755090.8	717.1	3.49	4.00
3.25 YES							
L0018876	0	0.40900E-06	495924.7	3755083.2	716.8	3.49	4.00
3.25 YES							
L0018877	0	0.40900E-06	495920.7	3755075.6	716.6	3.49	4.00
3.25 YES							
L0018878	0	0.40900E-06	495916.7	3755068.0	716.4	3.49	4.00
3.25 YES							
L0018879	0	0.40900E-06	495912.7	3755060.4	716.2	3.49	4.00
3.25 YES							
L0018880	0	0.40900E-06	495908.7	3755052.8	716.0	3.49	4.00
3.25 YES							
L0018881	0	0.40900E-06	495904.8	3755045.2	715.8	3.49	4.00
3.25 YES							
L0018882	0	0.40900E-06	495900.8	3755037.5	715.6	3.49	4.00
3.25 YES							
L0018883	0	0.40900E-06	495896.8	3755029.9	715.4	3.49	4.00
3.25 YES							
L0018884	0	0.40900E-06	495892.8	3755022.3	715.2	3.49	4.00
3.25 YES							
L0018885	0	0.40900E-06	495888.8	3755014.7	715.0	3.49	4.00
3.25 YES							
L0018886	0	0.40900E-06	495884.8	3755007.1	714.8	3.49	4.00
3.25 YES							
L0018887	0	0.40900E-06	495880.9	3754999.5	714.6	3.49	4.00
3.25 YES							
L0018888	0	0.40900E-06	495876.9	3754991.9	714.4	3.49	4.00
3.25 YES							

L0018889	0	0.40900E-06	495872.9	3754984.3	714.2	3.49	4.00
3.25	YES						
L0018890	0	0.40900E-06	495868.9	3754976.7	714.0	3.49	4.00
3.25	YES						
L0018891	0	0.40900E-06	495864.9	3754969.1	713.8	3.49	4.00
3.25	YES						
L0018892	0	0.40900E-06	495860.9	3754961.4	713.6	3.49	4.00
3.25	YES						
L0018893	0	0.40900E-06	495857.0	3754953.8	713.4	3.49	4.00
3.25	YES						
L0018894	0	0.40900E-06	495853.0	3754946.2	713.2	3.49	4.00
3.25	YES						
L0018895	0	0.40900E-06	495849.0	3754938.6	713.0	3.49	4.00
3.25	YES						
L0018896	0	0.40580E-06	496573.2	3754678.7	729.7	3.49	4.00
3.25	YES						
L0018897	0	0.40580E-06	496568.8	3754671.3	730.5	3.49	4.00
3.25	YES						
L0018898	0	0.40580E-06	496564.5	3754663.9	731.4	3.49	4.00
3.25	YES						
L0018899	0	0.40580E-06	496560.1	3754656.5	732.2	3.49	4.00
3.25	YES						
L0018900	0	0.40580E-06	496555.7	3754649.1	733.0	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018901	0	0.40580E-06	496551.4	3754641.7	733.8	3.49	4.00
3.25	YES						
L0018902	0	0.40580E-06	496547.0	3754634.3	734.6	3.49	4.00
3.25	YES						
L0018903	0	0.40580E-06	496542.7	3754626.9	735.4	3.49	4.00
3.25	YES						

L0018904	0	0.40580E-06	496538.3	3754619.4	736.3	3.49	4.00
3.25 YES							
L0018905	0	0.40580E-06	496533.9	3754612.0	737.1	3.49	4.00
3.25 YES							
L0018906	0	0.40580E-06	496529.6	3754604.6	737.9	3.49	4.00
3.25 YES							
L0018907	0	0.40580E-06	496525.2	3754597.2	738.7	3.49	4.00
3.25 YES							
L0018908	0	0.40580E-06	496518.5	3754593.2	739.1	3.49	4.00
3.25 YES							
L0018909	0	0.40580E-06	496510.1	3754591.4	739.3	3.49	4.00
3.25 YES							
L0018910	0	0.40580E-06	496501.7	3754589.6	739.5	3.49	4.00
3.25 YES							
L0018911	0	0.40580E-06	496493.3	3754588.1	739.6	3.49	4.00
3.25 YES							
L0018912	0	0.40580E-06	496485.9	3754592.5	739.6	3.49	4.00
3.25 YES							
L0018913	0	0.40580E-06	496478.6	3754596.9	739.7	3.49	4.00
3.25 YES							
L0018914	0	0.40580E-06	496471.2	3754601.4	739.7	3.49	4.00
3.25 YES							
L0018915	0	0.40580E-06	496463.9	3754605.8	739.7	3.49	4.00
3.25 YES							
L0018916	0	0.40580E-06	496456.5	3754610.2	739.8	3.49	4.00
3.25 YES							
L0018917	0	0.40580E-06	496449.1	3754614.7	739.8	3.49	4.00
3.25 YES							
L0018918	0	0.40580E-06	496441.8	3754619.1	739.8	3.49	4.00
3.25 YES							
L0018919	0	0.40580E-06	496434.4	3754623.6	739.9	3.49	4.00
3.25 YES							
L0018920	0	0.40580E-06	496427.1	3754628.0	739.9	3.49	4.00
3.25 YES							
L0018921	0	0.40580E-06	496419.7	3754632.4	739.9	3.49	4.00
3.25 YES							
L0018922	0	0.40580E-06	496412.4	3754636.9	740.0	3.49	4.00
3.25 YES							
L0018923	0	0.40580E-06	496405.0	3754641.3	740.0	3.49	4.00
3.25 YES							
L0018924	0	0.40580E-06	496397.7	3754645.7	740.0	3.49	4.00
3.25 YES							
L0018925	0	0.40580E-06	496390.3	3754650.2	740.1	3.49	4.00
3.25 YES							
L0018926	0	0.40580E-06	496383.0	3754654.6	740.1	3.49	4.00
3.25 YES							
L0018927	0	0.40580E-06	496375.6	3754659.0	740.1	3.49	4.00
3.25 YES							
L0018928	0	0.40580E-06	496368.2	3754663.5	740.2	3.49	4.00
3.25 YES							

L0018929	0	0.40580E-06	496360.9	3754667.9	740.2	3.49	4.00
3.25 YES							
L0018930	0	0.40580E-06	496353.5	3754672.4	740.2	3.49	4.00
3.25 YES							
L0018931	0	0.40580E-06	496346.2	3754676.8	740.3	3.49	4.00
3.25 YES							
L0018932	0	0.40580E-06	496338.8	3754681.2	740.3	3.49	4.00
3.25 YES							
L0018933	0	0.40580E-06	496331.5	3754685.7	740.3	3.49	4.00
3.25 YES							
L0018934	0	0.40580E-06	496324.1	3754690.1	740.4	3.49	4.00
3.25 YES							
L0018935	0	0.40580E-06	496316.8	3754694.5	740.4	3.49	4.00
3.25 YES							
L0018936	0	0.40580E-06	496309.4	3754699.0	740.4	3.49	4.00
3.25 YES							
L0018937	0	0.40580E-06	496302.0	3754703.4	740.5	3.49	4.00
3.25 YES							
L0018938	0	0.40580E-06	496294.7	3754707.8	740.5	3.49	4.00
3.25 YES							
L0018939	0	0.40580E-06	496287.3	3754712.3	740.5	3.49	4.00
3.25 YES							
L0018940	0	0.40580E-06	496280.0	3754716.7	740.5	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC                ***      08/05/22
*** AERMET - VERSION 16216 ***      ***
***                                ***
                                17:47:21

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018941	0	0.40580E-06	496272.6	3754721.2	740.6	3.49	4.00
3.25 YES							
L0018942	0	0.40580E-06	496265.3	3754725.6	740.6	3.49	4.00
3.25 YES							
L0018943	0	0.40580E-06	496257.9	3754730.0	740.6	3.49	4.00
3.25 YES							

L0018944	0	0.40580E-06	496250.6	3754734.5	740.7	3.49	4.00
3.25	YES						
L0018945	0	0.40580E-06	496243.2	3754738.9	740.7	3.49	4.00
3.25	YES						
L0018946	0	0.40580E-06	496235.8	3754743.3	740.8	3.49	4.00
3.25	YES						
L0018947	0	0.40580E-06	496228.5	3754747.8	740.8	3.49	4.00
3.25	YES						
L0018948	0	0.40580E-06	496221.1	3754752.2	740.8	3.49	4.00
3.25	YES						
L0018949	0	0.40580E-06	496213.8	3754756.7	740.8	3.49	4.00
3.25	YES						
L0018950	0	0.40580E-06	496206.4	3754761.1	740.9	3.49	4.00
3.25	YES						
L0018951	0	0.40580E-06	496199.1	3754765.5	740.9	3.49	4.00
3.25	YES						
L0018952	0	0.40580E-06	496191.7	3754770.0	740.9	3.49	4.00
3.25	YES						
L0018953	0	0.40580E-06	496184.4	3754774.4	741.0	3.49	4.00
3.25	YES						
L0018954	0	0.40580E-06	496177.0	3754778.8	741.0	3.49	4.00
3.25	YES						
L0018955	0	0.40580E-06	496169.6	3754783.3	741.0	3.49	4.00
3.25	YES						
L0018956	0	0.40580E-06	496162.3	3754787.7	741.1	3.49	4.00
3.25	YES						
L0018957	0	0.40580E-06	496154.9	3754792.1	741.1	3.49	4.00
3.25	YES						
L0018958	0	0.40580E-06	496147.6	3754796.6	741.1	3.49	4.00
3.25	YES						
L0018959	0	0.40580E-06	496140.2	3754801.0	741.2	3.49	4.00
3.25	YES						
L0018960	0	0.40580E-06	496132.9	3754805.5	741.2	3.49	4.00
3.25	YES						
L0018961	0	0.40580E-06	496125.5	3754809.9	741.2	3.49	4.00
3.25	YES						
L0018962	0	0.40580E-06	496118.2	3754814.3	741.3	3.49	4.00
3.25	YES						
L0018963	0	0.40580E-06	496110.8	3754818.8	741.3	3.49	4.00
3.25	YES						
L0018964	0	0.40580E-06	496103.4	3754823.2	741.3	3.49	4.00
3.25	YES						
L0018965	0	0.40580E-06	496096.1	3754827.6	741.4	3.49	4.00
3.25	YES						
L0018966	0	0.40580E-06	496088.7	3754832.1	741.4	3.49	4.00
3.25	YES						
L0018967	0	0.40580E-06	496081.4	3754836.5	741.4	3.49	4.00
3.25	YES						
L0018968	0	0.40580E-06	496074.0	3754841.0	741.5	3.49	4.00
3.25	YES						

L0018969	0	0.40580E-06	496066.7	3754845.4	741.5	3.49	4.00
3.25	YES						
L0018970	0	0.40580E-06	496059.3	3754849.8	741.5	3.49	4.00
3.25	YES						
L0018971	0	0.40580E-06	496052.0	3754854.3	741.6	3.49	4.00
3.25	YES						
L0018972	0	0.40580E-06	496044.6	3754858.7	741.6	3.49	4.00
3.25	YES						
L0018973	0	0.40580E-06	496037.2	3754863.1	741.6	3.49	4.00
3.25	YES						
L0018974	0	0.40580E-06	496029.9	3754867.6	741.7	3.49	4.00
3.25	YES						
L0018975	0	0.40580E-06	496022.5	3754872.0	741.7	3.49	4.00
3.25	YES						
L0018976	0	0.40580E-06	496015.2	3754876.4	741.7	3.49	4.00
3.25	YES						
L0018977	0	0.40580E-06	496007.8	3754880.9	741.8	3.49	4.00
3.25	YES						
L0018978	0	0.40580E-06	496000.5	3754885.3	741.8	3.49	4.00
3.25	YES						
L0018979	0	0.40580E-06	495993.1	3754889.8	741.8	3.49	4.00
3.25	YES						
L0018980	0	0.40580E-06	495985.8	3754894.2	741.8	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0018981	0	0.40580E-06	495978.4	3754898.6	741.9	3.49	4.00
3.25	YES						
L0018982	0	0.40580E-06	495971.0	3754903.1	741.9	3.49	4.00
3.25	YES						
L0018983	0	0.40580E-06	495963.7	3754907.5	741.9	3.49	4.00
3.25	YES						

L0018984	0	0.40580E-06	495956.3	3754911.9	742.0	3.49	4.00
3.25 YES							
L0018985	0	0.40580E-06	495949.0	3754916.4	742.0	3.49	4.00
3.25 YES							
L0018986	0	0.40580E-06	495941.6	3754920.8	742.0	3.49	4.00
3.25 YES							
L0018987	0	0.40580E-06	495934.3	3754925.3	742.1	3.49	4.00
3.25 YES							
L0018988	0	0.40580E-06	495926.9	3754929.7	742.1	3.49	4.00
3.25 YES							
L0018989	0	0.40580E-06	495919.6	3754934.1	742.1	3.49	4.00
3.25 YES							
L0018990	0	0.40580E-06	495912.2	3754938.6	742.2	3.49	4.00
3.25 YES							
L0018991	0	0.40580E-06	495904.8	3754943.0	742.2	3.49	4.00
3.25 YES							
L0018992	0	0.40580E-06	495898.8	3754939.9	739.8	3.49	4.00
3.25 YES							
L0018993	0	0.40580E-06	495893.3	3754933.3	736.2	3.49	4.00
3.25 YES							
L0018994	0	0.40580E-06	495887.8	3754926.7	732.6	3.49	4.00
3.25 YES							
L0019094	0	0.20920E-06	495976.4	3755203.5	719.9	3.49	4.00
3.25 YES							
L0019095	0	0.20920E-06	495968.5	3755206.9	719.4	3.49	4.00
3.25 YES							
L0019096	0	0.20920E-06	495960.7	3755210.4	719.0	3.49	4.00
3.25 YES							
L0019097	0	0.20920E-06	495952.8	3755213.8	718.5	3.49	4.00
3.25 YES							
L0019098	0	0.20920E-06	495944.9	3755217.3	718.1	3.49	4.00
3.25 YES							
L0019099	0	0.20920E-06	495937.1	3755220.7	717.6	3.49	4.00
3.25 YES							
L0019100	0	0.20920E-06	495929.2	3755224.1	717.2	3.49	4.00
3.25 YES							
L0019101	0	0.20920E-06	495921.3	3755227.6	716.7	3.49	4.00
3.25 YES							
L0019102	0	0.20920E-06	495913.5	3755231.0	716.3	3.49	4.00
3.25 YES							
L0019103	0	0.20920E-06	495905.6	3755234.5	715.8	3.49	4.00
3.25 YES							
L0019104	0	0.20920E-06	495897.7	3755237.9	715.4	3.49	4.00
3.25 YES							
L0019105	0	0.20920E-06	495889.8	3755241.4	714.9	3.49	4.00
3.25 YES							
L0019106	0	0.20920E-06	495882.0	3755244.8	714.5	3.49	4.00
3.25 YES							
L0019107	0	0.20920E-06	495874.1	3755248.3	714.0	3.49	4.00
3.25 YES							

L0019108	0	0.20920E-06	495866.2	3755251.7	713.6	3.49	4.00
3.25 YES							
L0019109	0	0.20920E-06	495858.4	3755255.2	713.1	3.49	4.00
3.25 YES							
L0019110	0	0.20920E-06	495850.5	3755258.6	712.7	3.49	4.00
3.25 YES							
L0019111	0	0.20920E-06	495842.6	3755262.1	712.2	3.49	4.00
3.25 YES							
L0019112	0	0.20920E-06	495834.8	3755265.5	711.8	3.49	4.00
3.25 YES							
L0019113	0	0.20920E-06	495826.9	3755268.9	711.3	3.49	4.00
3.25 YES							
L0019114	0	0.20920E-06	495819.0	3755272.4	710.8	3.49	4.00
3.25 YES							
L0019115	0	0.20920E-06	495811.2	3755275.8	710.4	3.49	4.00
3.25 YES							
L0019116	0	0.20920E-06	495803.3	3755279.3	709.9	3.49	4.00
3.25 YES							
L0019117	0	0.20920E-06	495795.4	3755282.7	709.5	3.49	4.00
3.25 YES							
L0019118	0	0.20920E-06	495787.6	3755286.2	709.0	3.49	4.00
3.25 YES							
L0019119	0	0.20920E-06	495779.7	3755289.6	708.6	3.49	4.00
3.25 YES							

^ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION			BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	ID	SCALAR	VARY			(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY					
				(METERS)	(METERS)			

L0019120	0	0.20920E-06	495771.8	3755293.1	708.1	3.49	4.00
3.25 YES							
L0019121	0	0.20920E-06	495764.0	3755296.5	707.7	3.49	4.00
3.25 YES							
L0019122	0	0.20920E-06	495756.1	3755300.0	707.2	3.49	4.00
3.25 YES							

L0019123	0	0.20920E-06	495748.2	3755303.4	706.8	3.49	4.00
3.25	YES						
L0019124	0	0.20920E-06	495740.3	3755306.9	706.3	3.49	4.00
3.25	YES						
L0019125	0	0.20920E-06	495732.5	3755310.3	705.9	3.49	4.00
3.25	YES						
L0019126	0	0.20920E-06	495724.6	3755313.7	705.4	3.49	4.00
3.25	YES						
L0019127	0	0.20920E-06	495716.7	3755317.2	705.0	3.49	4.00
3.25	YES						
L0019128	0	0.20920E-06	495708.9	3755320.6	704.5	3.49	4.00
3.25	YES						
L0019129	0	0.20920E-06	495701.0	3755324.1	704.0	3.49	4.00
3.25	YES						
L0019130	0	0.20920E-06	495693.1	3755327.5	703.6	3.49	4.00
3.25	YES						
L0019131	0	0.20920E-06	495685.3	3755331.0	703.1	3.49	4.00
3.25	YES						
L0019132	0	0.20920E-06	495677.4	3755334.4	702.7	3.49	4.00
3.25	YES						
L0019133	0	0.20920E-06	495669.5	3755337.9	702.2	3.49	4.00
3.25	YES						
L0019134	0	0.20920E-06	495661.7	3755341.3	701.8	3.49	4.00
3.25	YES						
L0019135	0	0.20920E-06	495653.8	3755344.8	701.3	3.49	4.00
3.25	YES						
L0019136	0	0.20920E-06	495645.9	3755348.2	700.9	3.49	4.00
3.25	YES						
L0019137	0	0.20920E-06	495638.1	3755351.7	700.4	3.49	4.00
3.25	YES						
L0019138	0	0.20920E-06	495630.2	3755355.1	700.0	3.49	4.00
3.25	YES						
L0019139	0	0.20920E-06	495622.3	3755358.5	699.5	3.49	4.00
3.25	YES						
L0019140	0	0.20920E-06	495614.5	3755362.0	699.1	3.49	4.00
3.25	YES						
L0019141	0	0.20920E-06	495606.6	3755365.4	698.6	3.49	4.00
3.25	YES						
L0019142	0	0.20920E-06	495598.7	3755368.9	698.2	3.49	4.00
3.25	YES						
L0019143	0	0.20920E-06	495590.8	3755372.3	697.7	3.49	4.00
3.25	YES						
L0019144	0	0.20920E-06	495583.0	3755375.8	697.3	3.49	4.00
3.25	YES						
L0019145	0	0.20920E-06	495575.1	3755379.2	696.8	3.49	4.00
3.25	YES						
L0019146	0	0.20920E-06	495567.2	3755382.7	696.4	3.49	4.00
3.25	YES						
L0019147	0	0.20920E-06	495559.4	3755386.1	695.9	3.49	4.00
3.25	YES						

L0019148	0	0.20920E-06	495551.5	3755389.6	695.4	3.49	4.00
3.25 YES							
L0019149	0	0.20920E-06	495543.6	3755393.0	695.0	3.49	4.00
3.25 YES							
L0019150	0	0.20920E-06	495535.8	3755396.4	694.5	3.49	4.00
3.25 YES							
L0019151	0	0.20920E-06	495527.9	3755399.9	694.1	3.49	4.00
3.25 YES							
L0019152	0	0.20920E-06	495520.0	3755403.3	693.6	3.49	4.00
3.25 YES							
L0019153	0	0.20920E-06	495512.2	3755406.8	693.2	3.49	4.00
3.25 YES							
L0019154	0	0.20940E-06	495826.4	3754953.6	698.4	3.49	4.00
3.25 YES							
L0019155	0	0.20940E-06	495828.9	3754961.8	701.7	3.49	4.00
3.25 YES							
L0019156	0	0.20940E-06	495831.3	3754970.0	705.0	3.49	4.00
3.25 YES							
L0019157	0	0.20940E-06	495832.2	3754977.5	707.8	3.49	4.00
3.25 YES							
L0019158	0	0.20940E-06	495824.3	3754980.9	708.3	3.49	4.00
3.25 YES							
L0019159	0	0.20940E-06	495816.4	3754984.2	708.8	3.49	4.00
3.25 YES							

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 OPS HRAV2.ISC *** 08/05/22
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 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE	BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION	RATE		ELEV.	HEIGHT	SY
SZ	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)

L0019160	0	0.20940E-06	495808.5	3754987.6	709.3	3.49	4.00
3.25 YES							
L0019161	0	0.20940E-06	495800.6	3754990.9	709.8	3.49	4.00
3.25 YES							
L0019162	0	0.20940E-06	495792.6	3754994.3	710.3	3.49	4.00
3.25 YES							

L0019163	0	0.20940E-06	495784.7	3754997.6	710.8	3.49	4.00
3.25 YES							
L0019164	0	0.20940E-06	495776.8	3755001.0	711.3	3.49	4.00
3.25 YES							
L0019165	0	0.20940E-06	495768.9	3755004.3	711.8	3.49	4.00
3.25 YES							
L0019166	0	0.20940E-06	495761.0	3755007.7	712.3	3.49	4.00
3.25 YES							
L0019167	0	0.20940E-06	495753.1	3755011.0	712.8	3.49	4.00
3.25 YES							
L0019168	0	0.20940E-06	495745.2	3755014.4	713.3	3.49	4.00
3.25 YES							
L0019169	0	0.20940E-06	495737.3	3755017.7	713.8	3.49	4.00
3.25 YES							
L0019170	0	0.20940E-06	495729.4	3755021.1	714.3	3.49	4.00
3.25 YES							
L0019171	0	0.20940E-06	495721.5	3755024.4	714.8	3.49	4.00
3.25 YES							
L0019172	0	0.20940E-06	495713.6	3755027.8	715.3	3.49	4.00
3.25 YES							
L0019173	0	0.20940E-06	495705.6	3755031.1	715.8	3.49	4.00
3.25 YES							
L0019174	0	0.20940E-06	495697.7	3755034.5	716.2	3.49	4.00
3.25 YES							
L0019175	0	0.20940E-06	495689.8	3755037.8	716.8	3.49	4.00
3.25 YES							
L0019176	0	0.20940E-06	495681.9	3755041.2	717.2	3.49	4.00
3.25 YES							
L0019177	0	0.20940E-06	495674.0	3755044.5	717.7	3.49	4.00
3.25 YES							
L0019178	0	0.20940E-06	495666.1	3755047.9	718.2	3.49	4.00
3.25 YES							
L0019179	0	0.20940E-06	495658.2	3755051.2	718.7	3.49	4.00
3.25 YES							
L0019180	0	0.20940E-06	495650.3	3755054.6	719.2	3.49	4.00
3.25 YES							
L0019181	0	0.20940E-06	495642.4	3755057.9	719.7	3.49	4.00
3.25 YES							
L0019182	0	0.20940E-06	495634.5	3755061.3	720.2	3.49	4.00
3.25 YES							
L0019183	0	0.20940E-06	495626.6	3755064.6	720.7	3.49	4.00
3.25 YES							
L0019184	0	0.20940E-06	495618.6	3755068.0	721.2	3.49	4.00
3.25 YES							
L0019185	0	0.20940E-06	495610.7	3755071.4	721.7	3.49	4.00
3.25 YES							
L0019186	0	0.20940E-06	495602.8	3755074.7	722.2	3.49	4.00
3.25 YES							
L0019187	0	0.20940E-06	495594.9	3755078.1	722.7	3.49	4.00
3.25 YES							

L0019188	0	0.20940E-06	495587.0	3755081.4	723.2	3.49	4.00
3.25	YES						
L0019189	0	0.20940E-06	495579.1	3755084.8	723.7	3.49	4.00
3.25	YES						
L0019190	0	0.20940E-06	495571.2	3755088.1	724.2	3.49	4.00
3.25	YES						
L0019191	0	0.20940E-06	495563.3	3755091.5	724.7	3.49	4.00
3.25	YES						
L0019192	0	0.20940E-06	495555.4	3755094.8	725.2	3.49	4.00
3.25	YES						
L0019193	0	0.20940E-06	495547.5	3755098.2	725.7	3.49	4.00
3.25	YES						
L0019194	0	0.20940E-06	495539.5	3755101.5	726.1	3.49	4.00
3.25	YES						
L0019195	0	0.20940E-06	495531.6	3755104.9	726.6	3.49	4.00
3.25	YES						
L0019196	0	0.20940E-06	495523.7	3755108.2	727.1	3.49	4.00
3.25	YES						
L0019197	0	0.20940E-06	495515.8	3755111.6	727.6	3.49	4.00
3.25	YES						
L0019198	0	0.20940E-06	495507.9	3755114.9	728.1	3.49	4.00
3.25	YES						
L0019199	0	0.20940E-06	495500.0	3755118.3	728.6	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019200	0	0.20940E-06	495492.1	3755121.6	729.1	3.49	4.00
3.25	YES						
L0019201	0	0.20940E-06	495484.2	3755125.0	729.6	3.49	4.00
3.25	YES						
L0019202	0	0.20940E-06	495476.3	3755128.3	730.1	3.49	4.00
3.25	YES						

L0019203	0	0.20940E-06	495468.4	3755131.7	730.6	3.49	4.00
3.25 YES							
L0019204	0	0.20940E-06	495460.5	3755135.0	731.1	3.49	4.00
3.25 YES							
L0019205	0	0.20940E-06	495452.5	3755138.4	731.6	3.49	4.00
3.25 YES							
L0019206	0	0.20940E-06	495444.6	3755141.7	732.1	3.49	4.00
3.25 YES							
L0019207	0	0.20940E-06	495436.7	3755145.1	732.6	3.49	4.00
3.25 YES							
L0019208	0	0.20940E-06	495428.8	3755148.4	733.1	3.49	4.00
3.25 YES							
L0019209	0	0.20940E-06	495420.9	3755151.8	733.6	3.49	4.00
3.25 YES							
L0019210	0	0.20940E-06	495413.0	3755155.1	734.1	3.49	4.00
3.25 YES							
L0019211	0	0.20940E-06	495405.1	3755158.5	734.6	3.49	4.00
3.25 YES							
L0019212	0	0.20940E-06	495397.2	3755161.8	735.1	3.49	4.00
3.25 YES							
L0019213	0	0.20940E-06	495388.9	3755163.5	736.8	3.49	4.00
3.25 YES							
L0019214	0	0.20940E-06	495380.4	3755163.2	740.0	3.49	4.00
3.25 YES							
L0019215	0	0.20940E-06	495373.3	3755160.8	742.3	3.49	4.00
3.25 YES							
L0019216	0	0.20940E-06	495370.0	3755152.8	742.4	3.49	4.00
3.25 YES							
L0019217	0	0.20940E-06	495366.8	3755144.9	742.5	3.49	4.00
3.25 YES							
L0019218	0	0.20940E-06	495363.5	3755137.0	742.6	3.49	4.00
3.25 YES							
L0019219	0	0.14590E-06	495383.8	3755181.7	739.7	3.49	4.00
3.25 YES							
L0019220	0	0.14590E-06	495387.8	3755189.3	738.2	3.49	4.00
3.25 YES							
L0019221	0	0.14590E-06	495391.7	3755196.9	736.8	3.49	4.00
3.25 YES							
L0019222	0	0.14590E-06	495395.6	3755204.6	735.4	3.49	4.00
3.25 YES							
L0019223	0	0.14590E-06	495399.5	3755212.2	734.0	3.49	4.00
3.25 YES							
L0019224	0	0.14590E-06	495403.5	3755219.8	732.5	3.49	4.00
3.25 YES							
L0019225	0	0.14590E-06	495407.4	3755227.5	731.1	3.49	4.00
3.25 YES							
L0019226	0	0.14590E-06	495411.3	3755235.1	729.7	3.49	4.00
3.25 YES							
L0019227	0	0.14590E-06	495415.3	3755242.8	728.2	3.49	4.00
3.25 YES							

L0019228	0	0.14590E-06	495419.2	3755250.4	726.8	3.49	4.00
3.25	YES						
L0019229	0	0.14590E-06	495423.1	3755258.0	725.4	3.49	4.00
3.25	YES						
L0019230	0	0.14590E-06	495427.1	3755265.7	724.0	3.49	4.00
3.25	YES						
L0019231	0	0.14590E-06	495431.0	3755273.3	722.5	3.49	4.00
3.25	YES						
L0019232	0	0.14590E-06	495434.9	3755280.9	721.1	3.49	4.00
3.25	YES						
L0019233	0	0.14590E-06	495438.9	3755288.6	719.7	3.49	4.00
3.25	YES						
L0019234	0	0.14590E-06	495442.8	3755296.2	718.2	3.49	4.00
3.25	YES						
L0019235	0	0.14590E-06	495446.7	3755303.8	716.8	3.49	4.00
3.25	YES						
L0019236	0	0.14590E-06	495450.7	3755311.5	715.4	3.49	4.00
3.25	YES						
L0019237	0	0.14590E-06	495454.6	3755319.1	714.0	3.49	4.00
3.25	YES						
L0019238	0	0.14590E-06	495458.5	3755326.8	712.5	3.49	4.00
3.25	YES						
L0019239	0	0.14590E-06	495462.5	3755334.4	711.1	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019240	0	0.14590E-06	495466.4	3755342.0	709.7	3.49	4.00
3.25	YES						
L0019241	0	0.14590E-06	495470.3	3755349.7	708.2	3.49	4.00
3.25	YES						
L0019242	0	0.14590E-06	495474.3	3755357.3	706.8	3.49	4.00
3.25	YES						

L0019243	0	0.14590E-06	495478.2	3755364.9	705.4	3.49	4.00
3.25	YES						
L0019244	0	0.14590E-06	495482.1	3755372.6	704.0	3.49	4.00
3.25	YES						
L0019245	0	0.14590E-06	495486.1	3755380.2	702.5	3.49	4.00
3.25	YES						
L0019246	0	0.14590E-06	495490.0	3755387.9	701.1	3.49	4.00
3.25	YES						
L0019247	0	0.14590E-06	495493.9	3755395.5	699.7	3.49	4.00
3.25	YES						
L0019248	0	0.14590E-06	495497.9	3755403.1	698.3	3.49	4.00
3.25	YES						
L0019249	0	0.14590E-06	495501.8	3755410.8	696.8	3.49	4.00
3.25	YES						
L0019250	0	0.14590E-06	495505.7	3755418.4	695.4	3.49	4.00
3.25	YES						
L0019251	0	0.14590E-06	495509.7	3755426.0	694.0	3.49	4.00
3.25	YES						
L0019252	0	0.14590E-06	495513.6	3755433.7	692.5	3.49	4.00
3.25	YES						
L0019253	0	0.14590E-06	495511.6	3755439.4	692.1	3.49	4.00
3.25	YES						
L0019254	0	0.14590E-06	495504.0	3755443.5	692.5	3.49	4.00
3.25	YES						
L0019255	0	0.14590E-06	495496.4	3755447.5	692.9	3.49	4.00
3.25	YES						
L0019256	0	0.14590E-06	495488.8	3755451.5	693.3	3.49	4.00
3.25	YES						
L0019257	0	0.14590E-06	495481.2	3755455.5	693.8	3.49	4.00
3.25	YES						
L0019258	0	0.14590E-06	495474.9	3755455.0	694.5	3.49	4.00
3.25	YES						
L0019259	0	0.14590E-06	495470.4	3755447.7	695.6	3.49	4.00
3.25	YES						
L0019260	0	0.14590E-06	495465.9	3755440.3	696.7	3.49	4.00
3.25	YES						
L0019261	0	0.14590E-06	495461.5	3755433.0	697.9	3.49	4.00
3.25	YES						
L0019262	0	0.14590E-06	495457.0	3755425.6	699.0	3.49	4.00
3.25	YES						
L0019263	0	0.14590E-06	495452.5	3755418.3	700.1	3.49	4.00
3.25	YES						
L0019264	0	0.14590E-06	495448.1	3755411.0	701.3	3.49	4.00
3.25	YES						
L0019265	0	0.14590E-06	495443.6	3755403.6	702.4	3.49	4.00
3.25	YES						
L0019266	0	0.14590E-06	495439.2	3755396.3	703.5	3.49	4.00
3.25	YES						
L0019267	0	0.14590E-06	495434.7	3755388.9	704.7	3.49	4.00
3.25	YES						

L0019268	0	0.14590E-06	495430.2	3755381.6	705.8	3.49	4.00
3.25	YES						
L0019269	0	0.14590E-06	495425.8	3755374.3	706.9	3.49	4.00
3.25	YES						
L0019270	0	0.14590E-06	495421.3	3755366.9	708.1	3.49	4.00
3.25	YES						
L0019271	0	0.14590E-06	495416.8	3755359.6	709.2	3.49	4.00
3.25	YES						
L0019272	0	0.14590E-06	495412.4	3755352.2	710.3	3.49	4.00
3.25	YES						
L0019273	0	0.14590E-06	495407.9	3755344.9	711.5	3.49	4.00
3.25	YES						
L0019274	0	0.14590E-06	495403.5	3755337.6	712.6	3.49	4.00
3.25	YES						
L0019275	0	0.14590E-06	495399.0	3755330.2	713.7	3.49	4.00
3.25	YES						
L0019276	0	0.14590E-06	495394.5	3755322.9	714.9	3.49	4.00
3.25	YES						
L0019277	0	0.14590E-06	495390.1	3755315.5	716.0	3.49	4.00
3.25	YES						
L0019278	0	0.14590E-06	495385.6	3755308.2	717.1	3.49	4.00
3.25	YES						
L0019279	0	0.14590E-06	495381.1	3755300.8	718.3	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019280	0	0.14590E-06	495376.7	3755293.5	719.4	3.49	4.00
3.25	YES						
L0019281	0	0.14590E-06	495372.2	3755286.2	720.5	3.49	4.00
3.25	YES						
L0019282	0	0.14590E-06	495367.8	3755278.8	721.7	3.49	4.00
3.25	YES						

L0019283	0	0.14590E-06	495363.3	3755271.5	722.8	3.49	4.00
3.25	YES						
L0019284	0	0.14590E-06	495358.8	3755264.1	723.9	3.49	4.00
3.25	YES						
L0019285	0	0.14590E-06	495354.4	3755256.8	725.1	3.49	4.00
3.25	YES						
L0019286	0	0.14590E-06	495349.9	3755249.5	726.2	3.49	4.00
3.25	YES						
L0019287	0	0.14590E-06	495345.5	3755242.1	727.3	3.49	4.00
3.25	YES						
L0019288	0	0.14590E-06	495341.0	3755234.8	728.5	3.49	4.00
3.25	YES						
L0019289	0	0.14590E-06	495336.5	3755227.4	729.6	3.49	4.00
3.25	YES						
L0019290	0	0.14590E-06	495332.1	3755220.1	730.7	3.49	4.00
3.25	YES						
L0019291	0	0.14590E-06	495327.6	3755212.8	731.9	3.49	4.00
3.25	YES						
L0019292	0	0.14590E-06	495323.1	3755205.4	733.0	3.49	4.00
3.25	YES						
L0019293	0	0.14590E-06	495318.7	3755198.1	734.1	3.49	4.00
3.25	YES						
L0019294	0	0.14590E-06	495314.2	3755190.7	735.2	3.49	4.00
3.25	YES						
L0019295	0	0.14590E-06	495309.9	3755183.3	736.4	3.49	4.00
3.25	YES						
L0019296	0	0.14590E-06	495305.7	3755175.8	737.6	3.49	4.00
3.25	YES						
L0019297	0	0.14590E-06	495301.4	3755168.4	738.7	3.49	4.00
3.25	YES						
L0019298	0	0.14590E-06	495297.2	3755160.9	739.9	3.49	4.00
3.25	YES						
L0019299	0	0.14590E-06	495300.6	3755156.5	741.4	3.49	4.00
3.25	YES						
L0019300	0	0.14590E-06	495308.8	3755153.9	743.1	3.49	4.00
3.25	YES						
L0019301	0	0.14590E-06	495317.0	3755151.4	744.8	3.49	4.00
3.25	YES						
L0019302	0	0.14590E-06	495325.2	3755148.8	746.5	3.49	4.00
3.25	YES						
L0019303	0	0.14590E-06	495333.5	3755146.3	748.2	3.49	4.00
3.25	YES						
L0019304	0	0.14590E-06	495341.9	3755144.7	748.2	3.49	4.00
3.25	YES						
L0019305	0	0.14590E-06	495350.4	3755143.8	747.3	3.49	4.00
3.25	YES						
L0019306	0	0.14390E-06	495253.0	3755568.8	712.6	3.49	4.00
3.25	YES						
L0019307	0	0.14390E-06	495248.5	3755561.5	713.2	3.49	4.00
3.25	YES						

L0019308	0	0.14390E-06	495244.0	3755554.2	713.8	3.49	4.00
3.25	YES						
L0019309	0	0.14390E-06	495239.5	3755546.9	714.4	3.49	4.00
3.25	YES						
L0019310	0	0.14390E-06	495234.9	3755539.6	715.1	3.49	4.00
3.25	YES						
L0019311	0	0.14390E-06	495230.4	3755532.3	715.7	3.49	4.00
3.25	YES						
L0019312	0	0.14390E-06	495225.9	3755525.0	716.3	3.49	4.00
3.25	YES						
L0019313	0	0.14390E-06	495221.4	3755517.7	717.0	3.49	4.00
3.25	YES						
L0019314	0	0.14390E-06	495216.9	3755510.4	717.6	3.49	4.00
3.25	YES						
L0019315	0	0.14390E-06	495212.4	3755503.0	718.2	3.49	4.00
3.25	YES						
L0019316	0	0.14390E-06	495207.8	3755495.7	718.9	3.49	4.00
3.25	YES						
L0019317	0	0.14390E-06	495203.3	3755488.4	719.5	3.49	4.00
3.25	YES						
L0019318	0	0.14390E-06	495198.8	3755481.1	720.1	3.49	4.00
3.25	YES						
L0019319	0	0.14390E-06	495194.3	3755473.8	720.8	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***    *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC                      ***    08/05/22
*** AERMET - VERSION 16216 ***    ***
***                                ***    17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019320	0	0.14390E-06	495189.8	3755466.5	721.4	3.49	4.00
3.25	YES						
L0019321	0	0.14390E-06	495185.3	3755459.2	722.0	3.49	4.00
3.25	YES						
L0019322	0	0.14390E-06	495180.7	3755451.9	722.7	3.49	4.00
3.25	YES						

L0019323	0	0.14390E-06	495176.2	3755444.6	723.3	3.49	4.00
3.25 YES							
L0019324	0	0.14390E-06	495171.7	3755437.3	723.9	3.49	4.00
3.25 YES							
L0019325	0	0.14390E-06	495167.2	3755430.0	724.6	3.49	4.00
3.25 YES							
L0019326	0	0.14390E-06	495162.7	3755422.7	725.2	3.49	4.00
3.25 YES							
L0019327	0	0.14390E-06	495158.2	3755415.4	725.8	3.49	4.00
3.25 YES							
L0019328	0	0.14390E-06	495153.6	3755408.1	726.5	3.49	4.00
3.25 YES							
L0019329	0	0.14390E-06	495149.1	3755400.7	727.1	3.49	4.00
3.25 YES							
L0019330	0	0.14390E-06	495144.6	3755393.4	727.7	3.49	4.00
3.25 YES							
L0019331	0	0.14390E-06	495140.1	3755386.1	728.4	3.49	4.00
3.25 YES							
L0019332	0	0.14390E-06	495135.6	3755378.8	729.0	3.49	4.00
3.25 YES							
L0019333	0	0.14390E-06	495131.1	3755371.5	729.6	3.49	4.00
3.25 YES							
L0019334	0	0.14390E-06	495126.5	3755364.2	730.3	3.49	4.00
3.25 YES							
L0019335	0	0.14390E-06	495122.0	3755356.9	730.9	3.49	4.00
3.25 YES							
L0019336	0	0.14390E-06	495117.5	3755349.6	731.5	3.49	4.00
3.25 YES							
L0019337	0	0.14390E-06	495113.0	3755342.3	732.2	3.49	4.00
3.25 YES							
L0019338	0	0.14390E-06	495108.5	3755335.0	732.8	3.49	4.00
3.25 YES							
L0019339	0	0.14390E-06	495104.0	3755327.7	733.4	3.49	4.00
3.25 YES							
L0019340	0	0.14390E-06	495099.4	3755320.4	734.1	3.49	4.00
3.25 YES							
L0019341	0	0.14390E-06	495094.9	3755313.1	734.7	3.49	4.00
3.25 YES							
L0019342	0	0.14390E-06	495090.4	3755305.8	735.3	3.49	4.00
3.25 YES							
L0019343	0	0.14390E-06	495085.9	3755298.5	736.0	3.49	4.00
3.25 YES							
L0019344	0	0.14390E-06	495081.4	3755291.1	736.6	3.49	4.00
3.25 YES							
L0020965	0	0.13040E-06	494852.5	3755787.7	696.0	3.49	4.00
3.25 YES							
L0020966	0	0.13040E-06	494860.1	3755783.8	695.9	3.49	4.00
3.25 YES							
L0020967	0	0.13040E-06	494867.8	3755780.0	695.8	3.49	4.00
3.25 YES							

L0020968	0	0.13040E-06	494875.5	3755776.1	695.7	3.49	4.00
3.25	YES						
L0020969	0	0.13040E-06	494882.4	3755771.1	695.2	3.49	4.00
3.25	YES						
L0020970	0	0.13040E-06	494888.8	3755765.3	694.6	3.49	4.00
3.25	YES						
L0020971	0	0.13040E-06	494895.1	3755759.6	694.0	3.49	4.00
3.25	YES						
L0020972	0	0.13040E-06	494901.8	3755754.3	693.9	3.49	4.00
3.25	YES						
L0020973	0	0.13040E-06	494909.3	3755750.0	694.8	3.49	4.00
3.25	YES						
L0020974	0	0.13040E-06	494916.7	3755745.6	695.6	3.49	4.00
3.25	YES						
L0020975	0	0.13040E-06	494924.1	3755741.3	696.5	3.49	4.00
3.25	YES						
L0020976	0	0.13040E-06	494931.5	3755737.0	697.3	3.49	4.00
3.25	YES						
L0020977	0	0.13040E-06	494938.9	3755732.6	698.2	3.49	4.00
3.25	YES						
L0020978	0	0.13040E-06	494946.4	3755728.3	699.0	3.49	4.00
3.25	YES						
L0020979	0	0.13040E-06	494953.8	3755724.0	699.9	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0020980	0	0.13040E-06	494961.2	3755719.7	700.7	3.49	4.00
3.25	YES						
L0020981	0	0.13040E-06	494968.6	3755715.3	701.6	3.49	4.00
3.25	YES						
L0020982	0	0.13040E-06	494976.0	3755711.0	702.4	3.49	4.00
3.25	YES						

L0020983	0	0.13040E-06	494983.5	3755706.7	703.3	3.49	4.00
3.25 YES							
L0020984	0	0.13040E-06	494990.9	3755702.3	704.1	3.49	4.00
3.25 YES							
L0020985	0	0.13040E-06	494998.3	3755698.0	705.0	3.49	4.00
3.25 YES							
L0020986	0	0.13040E-06	495005.7	3755693.7	705.8	3.49	4.00
3.25 YES							
L0020987	0	0.13040E-06	495013.1	3755689.4	706.7	3.49	4.00
3.25 YES							
L0020988	0	0.13040E-06	495020.6	3755685.0	707.5	3.49	4.00
3.25 YES							
L0020989	0	0.13040E-06	495028.0	3755680.7	708.4	3.49	4.00
3.25 YES							
L0020990	0	0.13040E-06	495035.4	3755676.4	709.2	3.49	4.00
3.25 YES							
L0020991	0	0.13040E-06	495042.8	3755672.0	710.1	3.49	4.00
3.25 YES							
L0020992	0	0.13040E-06	495050.4	3755668.0	711.1	3.49	4.00
3.25 YES							
L0020993	0	0.13040E-06	495058.0	3755664.0	712.1	3.49	4.00
3.25 YES							
L0020994	0	0.13040E-06	495065.6	3755660.0	713.2	3.49	4.00
3.25 YES							
L0020995	0	0.13040E-06	495073.2	3755656.0	714.2	3.49	4.00
3.25 YES							
L0020996	0	0.13040E-06	495080.8	3755652.0	715.3	3.49	4.00
3.25 YES							
L0020997	0	0.13040E-06	495088.4	3755648.1	716.3	3.49	4.00
3.25 YES							
L0020998	0	0.13040E-06	495096.0	3755644.1	717.3	3.49	4.00
3.25 YES							
L0020999	0	0.13040E-06	495103.7	3755640.1	718.4	3.49	4.00
3.25 YES							
L0021000	0	0.13040E-06	495111.3	3755636.1	719.4	3.49	4.00
3.25 YES							
L0021001	0	0.13040E-06	495118.9	3755632.1	720.5	3.49	4.00
3.25 YES							
L0021002	0	0.13040E-06	495126.5	3755628.1	721.5	3.49	4.00
3.25 YES							
L0021003	0	0.13040E-06	495134.1	3755624.1	722.5	3.49	4.00
3.25 YES							
L0021004	0	0.13040E-06	495141.7	3755620.1	723.6	3.49	4.00
3.25 YES							
L0021005	0	0.13040E-06	495149.3	3755616.1	724.6	3.49	4.00
3.25 YES							
L0021006	0	0.13040E-06	495156.9	3755612.1	725.7	3.49	4.00
3.25 YES							
L0021007	0	0.13040E-06	495164.5	3755608.2	726.7	3.49	4.00
3.25 YES							

L0021008	0	0.13040E-06	495172.1	3755604.2	727.8	3.49	4.00
3.25	YES						
L0021009	0	0.13040E-06	495179.7	3755600.2	728.8	3.49	4.00
3.25	YES						
L0021010	0	0.13040E-06	495187.3	3755596.2	729.8	3.49	4.00
3.25	YES						
L0021011	0	0.13040E-06	495195.8	3755595.3	724.7	3.49	4.00
3.25	YES						
L0021012	0	0.13040E-06	495204.4	3755594.8	719.0	3.49	4.00
3.25	YES						
L0021013	0	0.13040E-06	495213.0	3755594.3	713.2	3.49	4.00
3.25	YES						
L0021014	0	0.13040E-06	495219.6	3755592.7	708.6	3.49	4.00
3.25	YES						
L0021015	0	0.13040E-06	495215.2	3755585.4	710.3	3.49	4.00
3.25	YES						
L0021016	0	0.13040E-06	495210.8	3755578.0	712.0	3.49	4.00
3.25	YES						
L0021017	0	0.13040E-06	495206.4	3755570.7	713.7	3.49	4.00
3.25	YES						
L0021018	0	0.13040E-06	495201.9	3755563.3	715.4	3.49	4.00
3.25	YES						
L0021019	0	0.13040E-06	495197.5	3755555.9	717.2	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021020	0	0.13040E-06	495193.1	3755548.6	718.9	3.49	4.00
3.25	YES						
L0021021	0	0.13040E-06	495188.7	3755541.2	720.6	3.49	4.00
3.25	YES						
L0021022	0	0.13040E-06	495184.2	3755533.8	722.3	3.49	4.00
3.25	YES						

L0021023	0	0.13040E-06	495179.8	3755526.5	724.1	3.49	4.00
3.25	YES						
L0021024	0	0.13040E-06	495175.4	3755519.1	725.8	3.49	4.00
3.25	YES						
L0021025	0	0.13040E-06	495171.0	3755511.7	727.5	3.49	4.00
3.25	YES						
L0021026	0	0.13040E-06	495166.6	3755504.4	729.2	3.49	4.00
3.25	YES						
L0021027	0	0.13040E-06	495162.1	3755497.0	730.9	3.49	4.00
3.25	YES						
L0021028	0	0.13040E-06	495157.7	3755489.7	732.7	3.49	4.00
3.25	YES						
L0021029	0	0.13040E-06	495153.3	3755482.3	734.4	3.49	4.00
3.25	YES						
L0021030	0	0.13040E-06	495148.9	3755474.9	736.1	3.49	4.00
3.25	YES						
L0021031	0	0.13040E-06	495144.4	3755467.6	737.8	3.49	4.00
3.25	YES						
L0021032	0	0.13040E-06	495140.0	3755460.2	739.6	3.49	4.00
3.25	YES						
L0021033	0	0.13040E-06	495135.6	3755452.8	741.3	3.49	4.00
3.25	YES						
L0021034	0	0.13040E-06	495131.2	3755445.5	743.0	3.49	4.00
3.25	YES						
L0021035	0	0.13040E-06	495126.7	3755438.1	744.7	3.49	4.00
3.25	YES						
L0021036	0	0.13040E-06	495122.3	3755430.7	746.4	3.49	4.00
3.25	YES						
L0021037	0	0.13040E-06	495117.9	3755423.4	748.2	3.49	4.00
3.25	YES						
L0021038	0	0.13040E-06	495113.5	3755416.0	749.9	3.49	4.00
3.25	YES						
L0021039	0	0.13040E-06	495109.0	3755408.7	751.6	3.49	4.00
3.25	YES						
L0021040	0	0.13040E-06	495104.6	3755401.3	753.3	3.49	4.00
3.25	YES						
L0021041	0	0.13040E-06	495100.2	3755393.9	755.1	3.49	4.00
3.25	YES						
L0019422	0	0.13050E-06	494756.9	3755553.6	746.0	3.49	4.00
3.25	YES						
L0019423	0	0.13050E-06	494763.0	3755559.6	741.8	3.49	4.00
3.25	YES						
L0019424	0	0.13050E-06	494769.0	3755565.7	737.7	3.49	4.00
3.25	YES						
L0019425	0	0.13050E-06	494776.1	3755566.1	736.1	3.49	4.00
3.25	YES						
L0019426	0	0.13050E-06	494784.0	3755562.6	736.2	3.49	4.00
3.25	YES						
L0019427	0	0.13050E-06	494791.8	3755559.0	736.3	3.49	4.00
3.25	YES						

L0019428	0	0.13050E-06	494799.6	3755555.5	736.4	3.49	4.00
3.25	YES						
L0019429	0	0.13050E-06	494807.4	3755552.0	736.5	3.49	4.00
3.25	YES						
L0019430	0	0.13050E-06	494815.0	3755547.9	736.8	3.49	4.00
3.25	YES						
L0019431	0	0.13050E-06	494822.5	3755543.7	737.1	3.49	4.00
3.25	YES						
L0019432	0	0.13050E-06	494830.0	3755539.5	737.5	3.49	4.00
3.25	YES						
L0019433	0	0.13050E-06	494837.5	3755535.3	737.8	3.49	4.00
3.25	YES						
L0019434	0	0.13050E-06	494845.0	3755531.1	738.2	3.49	4.00
3.25	YES						
L0019435	0	0.13050E-06	494852.5	3755526.9	738.5	3.49	4.00
3.25	YES						
L0019436	0	0.13050E-06	494860.0	3755522.7	738.8	3.49	4.00
3.25	YES						
L0019437	0	0.13050E-06	494867.5	3755518.5	739.2	3.49	4.00
3.25	YES						
L0019438	0	0.13050E-06	494875.0	3755514.3	739.5	3.49	4.00
3.25	YES						
L0019439	0	0.13050E-06	494882.5	3755510.1	739.9	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***            08/05/22
*** AERMET - VERSION 16216 ***      ***
***                                17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019440	0	0.13050E-06	494890.0	3755505.9	740.2	3.49	4.00
3.25	YES						
L0019441	0	0.13050E-06	494897.5	3755501.7	740.6	3.49	4.00
3.25	YES						
L0019442	0	0.13050E-06	494905.0	3755497.5	740.9	3.49	4.00
3.25	YES						

L0019443	0	0.13050E-06	494912.5	3755493.4	741.3	3.49	4.00
3.25 YES							
L0019444	0	0.13050E-06	494920.0	3755489.2	741.6	3.49	4.00
3.25 YES							
L0019445	0	0.13050E-06	494927.4	3755485.0	742.0	3.49	4.00
3.25 YES							
L0019446	0	0.13050E-06	494934.9	3755480.8	742.3	3.49	4.00
3.25 YES							
L0019447	0	0.13050E-06	494942.4	3755476.6	742.7	3.49	4.00
3.25 YES							
L0019448	0	0.13050E-06	494949.9	3755472.4	743.0	3.49	4.00
3.25 YES							
L0019449	0	0.13050E-06	494957.4	3755468.2	743.4	3.49	4.00
3.25 YES							
L0019450	0	0.13050E-06	494964.9	3755464.0	743.7	3.49	4.00
3.25 YES							
L0019451	0	0.13050E-06	494972.4	3755459.8	744.1	3.49	4.00
3.25 YES							
L0019452	0	0.13050E-06	494979.9	3755455.6	744.4	3.49	4.00
3.25 YES							
L0019453	0	0.13050E-06	494987.4	3755451.4	744.8	3.49	4.00
3.25 YES							
L0019454	0	0.13050E-06	494994.9	3755447.2	745.1	3.49	4.00
3.25 YES							
L0019455	0	0.13050E-06	495002.4	3755443.0	745.5	3.49	4.00
3.25 YES							
L0019456	0	0.13050E-06	495009.9	3755438.8	745.8	3.49	4.00
3.25 YES							
L0019457	0	0.13050E-06	495017.4	3755434.6	746.2	3.49	4.00
3.25 YES							
L0019458	0	0.13050E-06	495024.9	3755430.4	746.5	3.49	4.00
3.25 YES							
L0019459	0	0.13050E-06	495032.4	3755426.2	746.9	3.49	4.00
3.25 YES							
L0019460	0	0.13050E-06	495039.9	3755422.0	747.2	3.49	4.00
3.25 YES							
L0019461	0	0.13050E-06	495047.4	3755417.8	747.6	3.49	4.00
3.25 YES							
L0019462	0	0.13050E-06	495054.9	3755413.6	747.9	3.49	4.00
3.25 YES							
L0019463	0	0.13050E-06	495062.4	3755409.4	748.3	3.49	4.00
3.25 YES							
L0019464	0	0.13050E-06	495069.9	3755405.3	748.6	3.49	4.00
3.25 YES							
L0019465	0	0.13050E-06	495077.3	3755401.0	749.5	3.49	4.00
3.25 YES							
L0019466	0	0.13050E-06	495084.6	3755396.5	752.1	3.49	4.00
3.25 YES							
L0019467	0	0.13050E-06	495092.0	3755392.0	754.7	3.49	4.00
3.25 YES							

L0019468	0	0.13050E-06	495090.5	3755385.6	749.9	3.49	4.00
3.25	YES						
L0019469	0	0.13050E-06	495085.7	3755378.5	742.1	3.49	4.00
3.25	YES						
L0019470	0	0.13050E-06	495080.8	3755371.5	734.4	3.49	4.00
3.25	YES						
L0019471	0	0.13050E-06	495076.4	3755364.2	728.2	3.49	4.00
3.25	YES						
L0019472	0	0.13050E-06	495073.3	3755356.2	727.2	3.49	4.00
3.25	YES						
L0019473	0	0.13050E-06	495070.2	3755348.1	726.2	3.49	4.00
3.25	YES						
L0019474	0	0.26850E-06	494230.9	3755948.9	700.7	3.49	4.00
3.25	YES						
L0019475	0	0.26850E-06	494234.7	3755956.7	700.0	3.49	4.00
3.25	YES						
L0019476	0	0.26850E-06	494238.5	3755964.4	699.2	3.49	4.00
3.25	YES						
L0019477	0	0.26850E-06	494242.3	3755972.1	698.5	3.49	4.00
3.25	YES						
L0019478	0	0.26850E-06	494246.1	3755979.8	697.8	3.49	4.00
3.25	YES						
L0019479	0	0.26850E-06	494249.8	3755987.5	697.1	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019480	0	0.26850E-06	494253.6	3755995.2	696.4	3.49	4.00
3.25	YES						
L0019481	0	0.26850E-06	494257.4	3756002.9	695.6	3.49	4.00
3.25	YES						
L0019482	0	0.26850E-06	494261.2	3756010.6	694.9	3.49	4.00
3.25	YES						

L0019483	0	0.26850E-06	494265.0	3756018.3	694.2	3.49	4.00
3.25	YES						
L0019484	0	0.26850E-06	494268.8	3756026.1	693.5	3.49	4.00
3.25	YES						
L0019485	0	0.26850E-06	494272.6	3756033.8	692.8	3.49	4.00
3.25	YES						
L0019486	0	0.26850E-06	494276.4	3756041.5	692.0	3.49	4.00
3.25	YES						
L0019487	0	0.26850E-06	494280.1	3756049.2	691.3	3.49	4.00
3.25	YES						
L0019488	0	0.26850E-06	494283.9	3756056.9	690.6	3.49	4.00
3.25	YES						
L0019489	0	0.26850E-06	494287.7	3756064.6	689.9	3.49	4.00
3.25	YES						
L0019490	0	0.26850E-06	494294.1	3756064.8	689.7	3.49	4.00
3.25	YES						
L0019491	0	0.26850E-06	494301.8	3756061.0	689.7	3.49	4.00
3.25	YES						
L0019492	0	0.26850E-06	494309.6	3756057.3	689.8	3.49	4.00
3.25	YES						
L0019493	0	0.26850E-06	494317.3	3756053.5	689.8	3.49	4.00
3.25	YES						
L0019494	0	0.26850E-06	494325.0	3756049.8	689.8	3.49	4.00
3.25	YES						
L0019495	0	0.26850E-06	494332.7	3756046.0	689.9	3.49	4.00
3.25	YES						
L0019496	0	0.26850E-06	494340.5	3756042.3	689.9	3.49	4.00
3.25	YES						
L0019497	0	0.26850E-06	494348.2	3756038.5	690.0	3.49	4.00
3.25	YES						
L0019498	0	0.26850E-06	494355.9	3756034.8	690.0	3.49	4.00
3.25	YES						
L0019499	0	0.26850E-06	494363.7	3756031.0	690.1	3.49	4.00
3.25	YES						
L0019500	0	0.26850E-06	494371.4	3756027.3	690.1	3.49	4.00
3.25	YES						
L0019501	0	0.26850E-06	494379.1	3756023.5	690.2	3.49	4.00
3.25	YES						
L0019502	0	0.26850E-06	494386.8	3756019.8	690.2	3.49	4.00
3.25	YES						
L0019503	0	0.26850E-06	494394.6	3756016.0	690.3	3.49	4.00
3.25	YES						
L0019504	0	0.26850E-06	494402.3	3756012.3	690.3	3.49	4.00
3.25	YES						
L0019505	0	0.26850E-06	494410.0	3756008.5	690.4	3.49	4.00
3.25	YES						
L0019506	0	0.26850E-06	494417.8	3756004.8	690.4	3.49	4.00
3.25	YES						
L0019507	0	0.26850E-06	494425.5	3756001.0	690.5	3.49	4.00
3.25	YES						

L0019508	0	0.26850E-06	494433.2	3755997.3	690.5	3.49	4.00
3.25	YES						
L0019509	0	0.26850E-06	494440.9	3755993.5	690.5	3.49	4.00
3.25	YES						
L0019510	0	0.26850E-06	494448.7	3755989.8	690.6	3.49	4.00
3.25	YES						
L0019511	0	0.26850E-06	494456.4	3755986.0	690.6	3.49	4.00
3.25	YES						
L0019512	0	0.26850E-06	494464.1	3755982.3	690.7	3.49	4.00
3.25	YES						
L0019513	0	0.26850E-06	494471.9	3755978.5	690.7	3.49	4.00
3.25	YES						
L0019514	0	0.26850E-06	494479.6	3755974.8	690.8	3.49	4.00
3.25	YES						
L0019515	0	0.26850E-06	494487.3	3755971.0	690.8	3.49	4.00
3.25	YES						
L0019516	0	0.26850E-06	494495.0	3755967.3	690.9	3.49	4.00
3.25	YES						
L0019517	0	0.26850E-06	494502.8	3755963.5	690.9	3.49	4.00
3.25	YES						
L0019518	0	0.26850E-06	494510.5	3755959.8	691.0	3.49	4.00
3.25	YES						
L0019519	0	0.26850E-06	494518.2	3755956.0	691.0	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019520	0	0.26850E-06	494526.0	3755952.3	691.1	3.49	4.00
3.25	YES						
L0019521	0	0.26850E-06	494533.7	3755948.5	691.1	3.49	4.00
3.25	YES						
L0019522	0	0.26850E-06	494541.4	3755944.8	691.2	3.49	4.00
3.25	YES						

L0019523	0	0.26850E-06	494549.1	3755941.0	691.2	3.49	4.00
3.25 YES							
L0019524	0	0.26850E-06	494556.9	3755937.3	691.2	3.49	4.00
3.25 YES							
L0019525	0	0.26850E-06	494564.6	3755933.5	691.3	3.49	4.00
3.25 YES							
L0019526	0	0.26850E-06	494572.3	3755929.8	691.3	3.49	4.00
3.25 YES							
L0019527	0	0.26850E-06	494580.1	3755926.0	691.4	3.49	4.00
3.25 YES							
L0019528	0	0.26850E-06	494587.8	3755922.3	691.4	3.49	4.00
3.25 YES							
L0019529	0	0.26850E-06	494595.5	3755918.5	691.5	3.49	4.00
3.25 YES							
L0019530	0	0.26850E-06	494603.2	3755914.8	691.5	3.49	4.00
3.25 YES							
L0019531	0	0.26850E-06	494611.0	3755911.0	691.6	3.49	4.00
3.25 YES							
L0019532	0	0.26850E-06	494618.7	3755907.3	691.6	3.49	4.00
3.25 YES							
L0019533	0	0.26850E-06	494626.4	3755903.5	691.7	3.49	4.00
3.25 YES							
L0019534	0	0.26850E-06	494634.2	3755899.8	691.7	3.49	4.00
3.25 YES							
L0019535	0	0.26850E-06	494641.9	3755896.1	691.8	3.49	4.00
3.25 YES							
L0019536	0	0.26850E-06	494649.6	3755892.3	691.8	3.49	4.00
3.25 YES							
L0019537	0	0.26850E-06	494657.3	3755888.6	691.9	3.49	4.00
3.25 YES							
L0019538	0	0.26850E-06	494665.1	3755884.8	691.9	3.49	4.00
3.25 YES							
L0019539	0	0.26850E-06	494672.8	3755881.1	692.0	3.49	4.00
3.25 YES							
L0019540	0	0.26850E-06	494680.5	3755877.3	692.0	3.49	4.00
3.25 YES							
L0019541	0	0.26850E-06	494688.3	3755873.6	692.0	3.49	4.00
3.25 YES							
L0019542	0	0.26850E-06	494696.0	3755869.8	692.1	3.49	4.00
3.25 YES							
L0019543	0	0.26850E-06	494703.7	3755866.1	692.1	3.49	4.00
3.25 YES							
L0019544	0	0.26850E-06	494711.5	3755862.3	692.2	3.49	4.00
3.25 YES							
L0019545	0	0.26850E-06	494719.2	3755858.6	692.2	3.49	4.00
3.25 YES							
L0019546	0	0.26850E-06	494726.9	3755854.8	692.3	3.49	4.00
3.25 YES							
L0019547	0	0.26850E-06	494734.6	3755851.1	692.3	3.49	4.00
3.25 YES							

L0019548	0	0.26850E-06	494742.4	3755847.3	692.4	3.49	4.00
3.25	YES						
L0019549	0	0.26850E-06	494750.1	3755843.6	692.4	3.49	4.00
3.25	YES						
L0019550	0	0.26850E-06	494757.8	3755839.8	692.5	3.49	4.00
3.25	YES						
L0019551	0	0.26850E-06	494765.6	3755836.1	692.5	3.49	4.00
3.25	YES						
L0019552	0	0.26850E-06	494773.3	3755832.3	692.6	3.49	4.00
3.25	YES						
L0019553	0	0.26850E-06	494781.0	3755828.6	692.6	3.49	4.00
3.25	YES						
L0019554	0	0.26850E-06	494788.7	3755824.8	692.7	3.49	4.00
3.25	YES						
L0019555	0	0.26850E-06	494796.5	3755821.1	692.7	3.49	4.00
3.25	YES						
L0019556	0	0.26850E-06	494804.2	3755817.3	692.8	3.49	4.00
3.25	YES						
L0019557	0	0.26850E-06	494811.9	3755813.6	692.8	3.49	4.00
3.25	YES						
L0019558	0	0.26850E-06	494819.7	3755809.8	692.8	3.49	4.00
3.25	YES						
L0019559	0	0.26850E-06	494827.4	3755806.1	692.9	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019560	0	0.26850E-06	494835.1	3755802.3	692.9	3.49	4.00
3.25	YES						
L0019561	0	0.26850E-06	494842.8	3755798.6	693.0	3.49	4.00
3.25	YES						
L0019562	0	0.26850E-06	494844.2	3755792.6	694.0	3.49	4.00
3.25	YES						

L0019563	0	0.26850E-06	494840.5	3755784.8	695.8	3.49	4.00
3.25 YES							
L0019564	0	0.26850E-06	494836.9	3755777.0	697.6	3.49	4.00
3.25 YES							
L0019565	0	0.26850E-06	494833.2	3755769.2	699.4	3.49	4.00
3.25 YES							
L0019566	0	0.26850E-06	494829.5	3755761.5	701.2	3.49	4.00
3.25 YES							
L0019567	0	0.26850E-06	494825.9	3755753.7	703.0	3.49	4.00
3.25 YES							
L0019568	0	0.26850E-06	494822.2	3755745.9	704.8	3.49	4.00
3.25 YES							
L0019569	0	0.26850E-06	494818.6	3755738.1	706.6	3.49	4.00
3.25 YES							
L0019570	0	0.26850E-06	494814.9	3755730.4	708.4	3.49	4.00
3.25 YES							
L0019571	0	0.26850E-06	494811.3	3755722.6	710.2	3.49	4.00
3.25 YES							
L0019572	0	0.26850E-06	494807.6	3755714.8	712.0	3.49	4.00
3.25 YES							
L0019573	0	0.26850E-06	494804.0	3755707.0	713.8	3.49	4.00
3.25 YES							
L0019574	0	0.26850E-06	494800.3	3755699.2	715.6	3.49	4.00
3.25 YES							
L0019575	0	0.26850E-06	494796.7	3755691.5	717.4	3.49	4.00
3.25 YES							
L0019576	0	0.26850E-06	494793.0	3755683.7	719.2	3.49	4.00
3.25 YES							
L0019577	0	0.26850E-06	494789.4	3755675.9	721.0	3.49	4.00
3.25 YES							
L0019578	0	0.26850E-06	494785.7	3755668.1	722.8	3.49	4.00
3.25 YES							
L0019579	0	0.26850E-06	494782.1	3755660.4	724.5	3.49	4.00
3.25 YES							
L0019580	0	0.26850E-06	494778.4	3755652.6	726.3	3.49	4.00
3.25 YES							
L0019581	0	0.26850E-06	494774.8	3755644.8	728.1	3.49	4.00
3.25 YES							
L0019582	0	0.26850E-06	494771.1	3755637.0	729.9	3.49	4.00
3.25 YES							
L0019583	0	0.26850E-06	494767.5	3755629.3	731.7	3.49	4.00
3.25 YES							
L0019584	0	0.26850E-06	494763.8	3755621.5	733.5	3.49	4.00
3.25 YES							
L0019585	0	0.26850E-06	494760.2	3755613.7	735.3	3.49	4.00
3.25 YES							
L0019586	0	0.26850E-06	494756.5	3755605.9	737.1	3.49	4.00
3.25 YES							
L0019587	0	0.26850E-06	494752.9	3755598.2	738.9	3.49	4.00
3.25 YES							

L0019588	0	0.26850E-06	494749.2	3755590.4	740.7	3.49	4.00
3.25 YES							
L0019589	0	0.26850E-06	494745.6	3755582.6	742.5	3.49	4.00
3.25 YES							
L0019590	0	0.26850E-06	494741.9	3755574.8	744.3	3.49	4.00
3.25 YES							
L0019591	0	0.26850E-06	494738.3	3755567.1	746.1	3.49	4.00
3.25 YES							
L0019592	0	0.26690E-06	494222.2	3755942.6	701.1	3.49	4.00
3.25 YES							
L0019593	0	0.26690E-06	494218.7	3755934.8	701.7	3.49	4.00
3.25 YES							
L0019594	0	0.26690E-06	494215.2	3755926.9	702.3	3.49	4.00
3.25 YES							
L0019595	0	0.26690E-06	494211.7	3755919.1	702.9	3.49	4.00
3.25 YES							
L0019596	0	0.26690E-06	494208.2	3755911.3	703.5	3.49	4.00
3.25 YES							
L0019597	0	0.26690E-06	494204.7	3755903.4	704.0	3.49	4.00
3.25 YES							
L0019598	0	0.26690E-06	494201.2	3755895.6	704.6	3.49	4.00
3.25 YES							
L0019599	0	0.26690E-06	494197.7	3755887.7	705.2	3.49	4.00
3.25 YES							

*** AERMOD - VERSION 21112 *** ** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC *** 08/05/22
*** AERMET - VERSION 16216 *** ***
*** 17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019600	0	0.26690E-06	494194.2	3755879.9	705.8	3.49	4.00
3.25 YES							
L0019601	0	0.26690E-06	494190.7	3755872.0	706.4	3.49	4.00
3.25 YES							
L0019602	0	0.26690E-06	494187.2	3755864.2	707.0	3.49	4.00
3.25 YES							

L0019603	0	0.26690E-06	494183.6	3755856.4	707.6	3.49	4.00
3.25	YES						
L0019604	0	0.26690E-06	494180.1	3755848.5	708.1	3.49	4.00
3.25	YES						
L0019605	0	0.26690E-06	494176.6	3755840.7	708.7	3.49	4.00
3.25	YES						
L0019606	0	0.26690E-06	494173.1	3755832.8	709.3	3.49	4.00
3.25	YES						
L0019607	0	0.26690E-06	494169.6	3755825.0	709.9	3.49	4.00
3.25	YES						
L0019608	0	0.26690E-06	494175.6	3755820.8	710.6	3.49	4.00
3.25	YES						
L0019609	0	0.26690E-06	494183.4	3755817.3	711.3	3.49	4.00
3.25	YES						
L0019610	0	0.26690E-06	494191.3	3755813.8	712.0	3.49	4.00
3.25	YES						
L0019611	0	0.26690E-06	494199.2	3755810.4	712.8	3.49	4.00
3.25	YES						
L0019612	0	0.26690E-06	494207.0	3755806.9	713.5	3.49	4.00
3.25	YES						
L0019613	0	0.26690E-06	494214.9	3755803.4	714.2	3.49	4.00
3.25	YES						
L0019614	0	0.26690E-06	494222.7	3755800.0	714.9	3.49	4.00
3.25	YES						
L0019615	0	0.26690E-06	494230.6	3755796.5	715.6	3.49	4.00
3.25	YES						
L0019616	0	0.26690E-06	494238.4	3755793.0	716.4	3.49	4.00
3.25	YES						
L0019617	0	0.26690E-06	494246.3	3755789.5	717.1	3.49	4.00
3.25	YES						
L0019618	0	0.26690E-06	494254.2	3755786.1	717.8	3.49	4.00
3.25	YES						
L0019619	0	0.26690E-06	494262.0	3755782.6	718.5	3.49	4.00
3.25	YES						
L0019620	0	0.26690E-06	494269.9	3755779.1	719.2	3.49	4.00
3.25	YES						
L0019621	0	0.26690E-06	494277.7	3755775.7	720.0	3.49	4.00
3.25	YES						
L0019622	0	0.26690E-06	494285.6	3755772.2	720.7	3.49	4.00
3.25	YES						
L0019623	0	0.26690E-06	494293.4	3755768.7	721.4	3.49	4.00
3.25	YES						
L0019624	0	0.26690E-06	494301.3	3755765.2	722.1	3.49	4.00
3.25	YES						
L0019625	0	0.26690E-06	494309.2	3755761.8	722.9	3.49	4.00
3.25	YES						
L0019626	0	0.26690E-06	494317.0	3755758.3	723.6	3.49	4.00
3.25	YES						
L0019627	0	0.26690E-06	494324.9	3755754.8	724.3	3.49	4.00
3.25	YES						

L0019628	0	0.26690E-06	494332.7	3755751.4	725.0	3.49	4.00
3.25	YES						
L0019629	0	0.26690E-06	494340.6	3755747.9	725.7	3.49	4.00
3.25	YES						
L0019630	0	0.26690E-06	494348.4	3755744.4	726.5	3.49	4.00
3.25	YES						
L0019631	0	0.26690E-06	494356.3	3755740.9	727.2	3.49	4.00
3.25	YES						
L0019632	0	0.26690E-06	494364.2	3755737.5	727.9	3.49	4.00
3.25	YES						
L0019633	0	0.26690E-06	494372.0	3755734.0	728.6	3.49	4.00
3.25	YES						
L0019634	0	0.26690E-06	494379.9	3755730.5	729.3	3.49	4.00
3.25	YES						
L0019635	0	0.26690E-06	494387.7	3755727.1	730.1	3.49	4.00
3.25	YES						
L0019636	0	0.26690E-06	494395.6	3755723.6	730.8	3.49	4.00
3.25	YES						
L0019637	0	0.26690E-06	494403.4	3755720.1	731.5	3.49	4.00
3.25	YES						
L0019638	0	0.26690E-06	494411.3	3755716.6	732.2	3.49	4.00
3.25	YES						
L0019639	0	0.26690E-06	494419.2	3755713.2	732.9	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019640	0	0.26690E-06	494427.0	3755709.7	733.7	3.49	4.00
3.25	YES						
L0019641	0	0.26690E-06	494434.9	3755706.2	734.4	3.49	4.00
3.25	YES						
L0019642	0	0.26690E-06	494442.7	3755702.8	735.1	3.49	4.00
3.25	YES						

L0019643	0	0.26690E-06	494450.6	3755699.3	735.8	3.49	4.00
3.25	YES						
L0019644	0	0.26690E-06	494458.4	3755695.8	736.5	3.49	4.00
3.25	YES						
L0019645	0	0.26690E-06	494466.3	3755692.3	737.3	3.49	4.00
3.25	YES						
L0019646	0	0.26690E-06	494474.2	3755688.9	738.0	3.49	4.00
3.25	YES						
L0019647	0	0.26690E-06	494482.0	3755685.4	738.7	3.49	4.00
3.25	YES						
L0019648	0	0.26690E-06	494489.9	3755681.9	739.4	3.49	4.00
3.25	YES						
L0019649	0	0.26690E-06	494497.7	3755678.5	740.1	3.49	4.00
3.25	YES						
L0019650	0	0.26690E-06	494505.6	3755675.0	740.9	3.49	4.00
3.25	YES						
L0019651	0	0.26690E-06	494513.5	3755671.5	741.6	3.49	4.00
3.25	YES						
L0019652	0	0.26690E-06	494521.3	3755668.0	742.3	3.49	4.00
3.25	YES						
L0019653	0	0.26690E-06	494529.2	3755664.6	743.0	3.49	4.00
3.25	YES						
L0019654	0	0.26690E-06	494537.0	3755661.1	743.8	3.49	4.00
3.25	YES						
L0019655	0	0.26690E-06	494544.9	3755657.6	744.5	3.49	4.00
3.25	YES						
L0019656	0	0.26690E-06	494552.7	3755654.2	745.2	3.49	4.00
3.25	YES						
L0019657	0	0.26690E-06	494560.6	3755650.7	745.9	3.49	4.00
3.25	YES						
L0019658	0	0.26690E-06	494568.5	3755647.2	746.6	3.49	4.00
3.25	YES						
L0019659	0	0.26690E-06	494576.3	3755643.8	747.3	3.49	4.00
3.25	YES						
L0019660	0	0.26690E-06	494584.2	3755640.3	748.1	3.49	4.00
3.25	YES						
L0019661	0	0.26690E-06	494592.0	3755636.8	748.8	3.49	4.00
3.25	YES						
L0019662	0	0.26690E-06	494599.9	3755633.3	749.5	3.49	4.00
3.25	YES						
L0019663	0	0.26690E-06	494607.7	3755629.9	750.2	3.49	4.00
3.25	YES						
L0019664	0	0.26690E-06	494615.6	3755626.4	750.9	3.49	4.00
3.25	YES						
L0019665	0	0.26690E-06	494623.5	3755622.9	751.7	3.49	4.00
3.25	YES						
L0019666	0	0.26690E-06	494631.3	3755619.4	752.4	3.49	4.00
3.25	YES						
L0019667	0	0.26690E-06	494639.2	3755616.0	753.1	3.49	4.00
3.25	YES						

L0019668	0	0.26690E-06	494647.0	3755612.5	753.8	3.49	4.00
3.25	YES						
L0019669	0	0.26690E-06	494654.9	3755609.0	754.5	3.49	4.00
3.25	YES						
L0019670	0	0.26690E-06	494662.7	3755605.6	755.3	3.49	4.00
3.25	YES						
L0019671	0	0.26690E-06	494670.6	3755602.1	756.0	3.49	4.00
3.25	YES						
L0019672	0	0.26690E-06	494678.5	3755598.6	756.7	3.49	4.00
3.25	YES						
L0019673	0	0.26690E-06	494686.4	3755595.4	756.2	3.49	4.00
3.25	YES						
L0019674	0	0.26690E-06	494694.7	3755593.0	752.2	3.49	4.00
3.25	YES						
L0019675	0	0.26690E-06	494702.9	3755590.6	748.1	3.49	4.00
3.25	YES						
L0019676	0	0.26690E-06	494711.1	3755588.2	744.0	3.49	4.00
3.25	YES						
L0019677	0	0.26690E-06	494714.0	3755581.7	744.8	3.49	4.00
3.25	YES						
L0019678	0	0.26690E-06	494714.0	3755573.1	748.2	3.49	4.00
3.25	YES						
L0019679	0	0.32210E-06	495882.3	3754905.2	742.1	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019680	0	0.32210E-06	495889.7	3754900.7	742.6	3.49	4.00
3.25	YES						
L0019681	0	0.32210E-06	495897.0	3754896.3	743.1	3.49	4.00
3.25	YES						
L0019682	0	0.32210E-06	495904.3	3754891.8	743.5	3.49	4.00
3.25	YES						

L0019683	0	0.32210E-06	495911.6	3754887.3	744.0	3.49	4.00
3.25	YES						
L0019684	0	0.32210E-06	495919.0	3754882.8	744.5	3.49	4.00
3.25	YES						
L0019685	0	0.32210E-06	495926.3	3754878.3	744.9	3.49	4.00
3.25	YES						
L0019686	0	0.32210E-06	495933.6	3754873.9	745.4	3.49	4.00
3.25	YES						
L0019687	0	0.32210E-06	495940.9	3754869.4	745.8	3.49	4.00
3.25	YES						
L0019688	0	0.32210E-06	495948.3	3754864.9	746.3	3.49	4.00
3.25	YES						
L0019689	0	0.32210E-06	495955.6	3754860.4	746.8	3.49	4.00
3.25	YES						
L0019690	0	0.32210E-06	495962.9	3754855.9	747.2	3.49	4.00
3.25	YES						
L0019691	0	0.32210E-06	495970.3	3754851.4	747.7	3.49	4.00
3.25	YES						
L0019692	0	0.32210E-06	495977.6	3754847.0	748.2	3.49	4.00
3.25	YES						
L0019693	0	0.32210E-06	495984.9	3754842.5	748.6	3.49	4.00
3.25	YES						
L0019694	0	0.32210E-06	495992.2	3754838.0	749.1	3.49	4.00
3.25	YES						
L0019695	0	0.32210E-06	495999.6	3754833.5	749.6	3.49	4.00
3.25	YES						
L0019696	0	0.32210E-06	496006.9	3754829.0	750.0	3.49	4.00
3.25	YES						
L0019697	0	0.32210E-06	496014.2	3754824.5	750.5	3.49	4.00
3.25	YES						
L0019698	0	0.32210E-06	496021.6	3754820.1	751.0	3.49	4.00
3.25	YES						
L0019699	0	0.32210E-06	496028.9	3754815.6	751.4	3.49	4.00
3.25	YES						
L0019700	0	0.32210E-06	496036.2	3754811.1	751.9	3.49	4.00
3.25	YES						
L0019701	0	0.32210E-06	496043.5	3754806.6	752.3	3.49	4.00
3.25	YES						
L0019702	0	0.32210E-06	496050.9	3754802.1	752.8	3.49	4.00
3.25	YES						
L0019703	0	0.32210E-06	496058.2	3754797.7	753.3	3.49	4.00
3.25	YES						
L0019704	0	0.32210E-06	496065.5	3754793.2	753.7	3.49	4.00
3.25	YES						
L0019705	0	0.32210E-06	496072.8	3754788.7	754.2	3.49	4.00
3.25	YES						
L0019706	0	0.32210E-06	496080.2	3754784.2	754.5	3.49	4.00
3.25	YES						
L0019707	0	0.32210E-06	496087.6	3754779.9	754.3	3.49	4.00
3.25	YES						

L0019708	0	0.32210E-06	496095.0	3754775.5	754.2	3.49	4.00
3.25	YES						
L0019709	0	0.32210E-06	496102.4	3754771.2	754.0	3.49	4.00
3.25	YES						
L0019710	0	0.32210E-06	496109.8	3754766.8	753.8	3.49	4.00
3.25	YES						
L0019711	0	0.32210E-06	496117.2	3754762.5	753.6	3.49	4.00
3.25	YES						
L0019712	0	0.32210E-06	496124.6	3754758.1	753.4	3.49	4.00
3.25	YES						
L0019713	0	0.32210E-06	496132.0	3754753.8	753.2	3.49	4.00
3.25	YES						
L0019714	0	0.32210E-06	496139.5	3754749.4	753.0	3.49	4.00
3.25	YES						
L0019715	0	0.32210E-06	496146.9	3754745.1	752.8	3.49	4.00
3.25	YES						
L0019716	0	0.32210E-06	496154.3	3754740.8	752.6	3.49	4.00
3.25	YES						
L0019717	0	0.32210E-06	496161.7	3754736.4	752.4	3.49	4.00
3.25	YES						
L0019718	0	0.32210E-06	496169.1	3754732.0	752.2	3.49	4.00
3.25	YES						
L0019719	0	0.32210E-06	496176.4	3754727.5	751.3	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019720	0	0.32210E-06	496183.7	3754723.0	750.5	3.49	4.00
3.25	YES						
L0019721	0	0.32210E-06	496191.0	3754718.5	749.6	3.49	4.00
3.25	YES						
L0019722	0	0.32210E-06	496198.3	3754713.9	748.8	3.49	4.00
3.25	YES						

L0019723	0	0.32210E-06	496205.6	3754709.4	747.9	3.49	4.00
3.25	YES						
L0019724	0	0.32210E-06	496212.9	3754704.9	747.1	3.49	4.00
3.25	YES						
L0019725	0	0.32210E-06	496220.2	3754700.4	746.3	3.49	4.00
3.25	YES						
L0019726	0	0.32210E-06	496227.5	3754695.8	745.4	3.49	4.00
3.25	YES						
L0019727	0	0.32210E-06	496234.8	3754691.3	744.6	3.49	4.00
3.25	YES						
L0019728	0	0.32210E-06	496242.1	3754686.8	743.7	3.49	4.00
3.25	YES						
L0019729	0	0.32210E-06	496249.4	3754682.3	742.9	3.49	4.00
3.25	YES						
L0019730	0	0.32210E-06	496256.7	3754677.7	742.1	3.49	4.00
3.25	YES						
L0019731	0	0.32210E-06	496264.0	3754673.2	741.2	3.49	4.00
3.25	YES						
L0019732	0	0.32210E-06	496271.3	3754668.7	740.4	3.49	4.00
3.25	YES						
L0019733	0	0.32210E-06	496278.6	3754664.2	739.5	3.49	4.00
3.25	YES						
L0019734	0	0.32210E-06	496285.9	3754659.6	738.7	3.49	4.00
3.25	YES						
L0019735	0	0.32210E-06	496293.2	3754655.1	737.8	3.49	4.00
3.25	YES						
L0019736	0	0.32210E-06	496300.5	3754650.6	737.0	3.49	4.00
3.25	YES						
L0019737	0	0.32210E-06	496307.8	3754646.0	736.7	3.49	4.00
3.25	YES						
L0019738	0	0.32210E-06	496314.9	3754641.2	738.2	3.49	4.00
3.25	YES						
L0019739	0	0.32210E-06	496322.1	3754636.5	739.7	3.49	4.00
3.25	YES						
L0019740	0	0.32210E-06	496329.2	3754631.7	741.2	3.49	4.00
3.25	YES						
L0019741	0	0.32210E-06	496336.4	3754626.9	742.7	3.49	4.00
3.25	YES						
L0019742	0	0.32210E-06	496343.5	3754622.2	744.2	3.49	4.00
3.25	YES						
L0019743	0	0.32210E-06	496350.7	3754617.4	745.7	3.49	4.00
3.25	YES						
L0019744	0	0.32210E-06	496357.8	3754612.7	747.2	3.49	4.00
3.25	YES						
L0019745	0	0.32210E-06	496365.0	3754607.9	748.7	3.49	4.00
3.25	YES						
L0019746	0	0.32210E-06	496372.1	3754603.1	750.2	3.49	4.00
3.25	YES						
L0019747	0	0.32210E-06	496379.2	3754598.4	751.7	3.49	4.00
3.25	YES						

L0019748	0	0.32210E-06	496386.4	3754593.6	753.2	3.49	4.00
3.25	YES						
L0019749	0	0.32210E-06	496393.5	3754588.8	754.7	3.49	4.00
3.25	YES						
L0019750	0	0.32210E-06	496398.1	3754581.6	755.6	3.49	4.00
3.25	YES						
L0019751	0	0.32210E-06	496402.7	3754574.3	756.6	3.49	4.00
3.25	YES						
L0019752	0	0.32210E-06	496407.3	3754567.1	757.6	3.49	4.00
3.25	YES						
L0019753	0	0.32210E-06	496411.9	3754559.8	758.6	3.49	4.00
3.25	YES						
L0019754	0	0.32210E-06	496416.5	3754552.5	759.5	3.49	4.00
3.25	YES						
L0019755	0	0.32210E-06	496420.9	3754545.2	757.0	3.49	4.00
3.25	YES						
L0019756	0	0.32210E-06	496425.4	3754537.8	754.1	3.49	4.00
3.25	YES						
L0019757	0	0.32210E-06	496429.8	3754530.4	751.1	3.49	4.00
3.25	YES						
L0019758	0	0.32210E-06	496434.2	3754523.1	748.2	3.49	4.00
3.25	YES						
L0019759	0	0.32210E-06	496437.7	3754515.3	745.7	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019760	0	0.32210E-06	496441.2	3754507.4	743.2	3.49	4.00
3.25	YES						
L0019761	0	0.19380E-06	495366.0	3755116.7	738.2	3.49	4.00
3.25	YES						
L0019762	0	0.19380E-06	495374.5	3755115.5	736.1	3.49	4.00
3.25	YES						

L0019763	0	0.19380E-06	495383.0	3755114.2	734.0	3.49	4.00
3.25	YES						
L0019764	0	0.19380E-06	495391.5	3755113.0	732.0	3.49	4.00
3.25	YES						
L0019765	0	0.19380E-06	495400.0	3755111.7	729.9	3.49	4.00
3.25	YES						
L0019766	0	0.19380E-06	495408.5	3755110.5	727.8	3.49	4.00
3.25	YES						
L0019767	0	0.19380E-06	495417.0	3755109.2	725.8	3.49	4.00
3.25	YES						
L0019768	0	0.19380E-06	495425.5	3755108.0	723.7	3.49	4.00
3.25	YES						
L0019769	0	0.19380E-06	495433.5	3755104.9	721.3	3.49	4.00
3.25	YES						
L0019770	0	0.19380E-06	495441.2	3755101.2	718.8	3.49	4.00
3.25	YES						
L0019771	0	0.19380E-06	495449.0	3755097.5	716.3	3.49	4.00
3.25	YES						
L0019772	0	0.19380E-06	495456.7	3755093.8	713.8	3.49	4.00
3.25	YES						
L0019773	0	0.19380E-06	495464.4	3755090.0	711.2	3.49	4.00
3.25	YES						
L0019774	0	0.19380E-06	495472.2	3755086.3	708.7	3.49	4.00
3.25	YES						
L0019775	0	0.19380E-06	495480.0	3755082.8	707.6	3.49	4.00
3.25	YES						
L0019776	0	0.19380E-06	495487.9	3755079.4	708.3	3.49	4.00
3.25	YES						
L0019777	0	0.19380E-06	495495.8	3755076.0	708.9	3.49	4.00
3.25	YES						
L0019778	0	0.19380E-06	495503.7	3755072.6	709.5	3.49	4.00
3.25	YES						
L0019779	0	0.19380E-06	495511.5	3755069.2	710.2	3.49	4.00
3.25	YES						
L0019780	0	0.19380E-06	495519.4	3755065.8	710.8	3.49	4.00
3.25	YES						
L0019781	0	0.19380E-06	495527.3	3755062.4	711.4	3.49	4.00
3.25	YES						
L0019782	0	0.19380E-06	495535.2	3755059.0	712.0	3.49	4.00
3.25	YES						
L0019783	0	0.19380E-06	495543.1	3755055.6	712.7	3.49	4.00
3.25	YES						
L0019784	0	0.19380E-06	495551.0	3755052.2	713.3	3.49	4.00
3.25	YES						
L0019785	0	0.19380E-06	495558.9	3755048.8	713.9	3.49	4.00
3.25	YES						
L0019786	0	0.19380E-06	495566.8	3755045.4	714.6	3.49	4.00
3.25	YES						
L0019787	0	0.19380E-06	495574.7	3755042.0	715.2	3.49	4.00
3.25	YES						

L0019788	0	0.19380E-06	495582.5	3755038.6	715.8	3.49	4.00
3.25	YES						
L0019789	0	0.19380E-06	495590.4	3755035.1	716.4	3.49	4.00
3.25	YES						
L0019790	0	0.19380E-06	495598.2	3755031.5	716.6	3.49	4.00
3.25	YES						
L0019791	0	0.19380E-06	495606.0	3755027.9	716.9	3.49	4.00
3.25	YES						
L0019792	0	0.19380E-06	495613.8	3755024.3	717.1	3.49	4.00
3.25	YES						
L0019793	0	0.19380E-06	495621.6	3755020.7	717.4	3.49	4.00
3.25	YES						
L0019794	0	0.19380E-06	495629.4	3755017.1	717.6	3.49	4.00
3.25	YES						
L0019795	0	0.19380E-06	495637.2	3755013.5	717.9	3.49	4.00
3.25	YES						
L0019796	0	0.19380E-06	495645.0	3755009.9	718.1	3.49	4.00
3.25	YES						
L0019797	0	0.19380E-06	495652.8	3755006.3	718.3	3.49	4.00
3.25	YES						
L0019798	0	0.19380E-06	495660.6	3755002.7	718.6	3.49	4.00
3.25	YES						
L0019799	0	0.19380E-06	495668.4	3754999.2	717.8	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019800	0	0.19380E-06	495676.3	3754995.8	715.9	3.49	4.00
3.25	YES						
L0019801	0	0.19380E-06	495684.2	3754992.3	713.9	3.49	4.00
3.25	YES						
L0019802	0	0.19380E-06	495692.1	3754988.9	711.9	3.49	4.00
3.25	YES						

L0019803	0	0.19380E-06	495699.9	3754985.4	709.9	3.49	4.00
3.25 YES							
L0019804	0	0.19380E-06	495707.8	3754982.0	708.0	3.49	4.00
3.25 YES							
L0019805	0	0.19380E-06	495715.7	3754978.5	706.0	3.49	4.00
3.25 YES							
L0019806	0	0.19380E-06	495723.5	3754975.1	704.0	3.49	4.00
3.25 YES							
L0019807	0	0.19380E-06	495731.4	3754971.6	702.0	3.49	4.00
3.25 YES							
L0019808	0	0.19380E-06	495739.3	3754968.2	700.1	3.49	4.00
3.25 YES							
L0019809	0	0.19380E-06	495747.1	3754964.8	698.1	3.49	4.00
3.25 YES							
L0019810	0	0.19380E-06	495755.0	3754961.3	696.1	3.49	4.00
3.25 YES							
L0019811	0	0.19380E-06	495762.9	3754957.9	694.1	3.49	4.00
3.25 YES							
L0019812	0	0.19380E-06	495770.7	3754954.4	692.1	3.49	4.00
3.25 YES							
L0019813	0	0.19380E-06	495778.6	3754951.0	690.2	3.49	4.00
3.25 YES							
L0019814	0	0.19380E-06	495786.5	3754947.5	688.2	3.49	4.00
3.25 YES							
L0019815	0	0.19380E-06	495794.3	3754944.0	690.2	3.49	4.00
3.25 YES							
L0019816	0	0.19380E-06	495802.2	3754940.5	694.3	3.49	4.00
3.25 YES							
L0019817	0	0.19380E-06	495810.0	3754937.0	698.4	3.49	4.00
3.25 YES							
L0019818	0	0.19380E-06	495817.8	3754933.5	702.6	3.49	4.00
3.25 YES							
L0019819	0	0.19380E-06	495825.7	3754929.9	706.7	3.49	4.00
3.25 YES							
L0019820	0	0.19380E-06	495833.5	3754926.4	710.8	3.49	4.00
3.25 YES							
L0019821	0	0.19380E-06	495841.3	3754922.9	715.0	3.49	4.00
3.25 YES							
L0019822	0	0.19380E-06	495849.1	3754919.3	719.1	3.49	4.00
3.25 YES							
L0019823	0	0.19380E-06	495857.0	3754915.8	723.2	3.49	4.00
3.25 YES							
L0019824	0	0.19380E-06	495864.8	3754912.3	727.4	3.49	4.00
3.25 YES							
L0019825	0	0.19380E-06	495872.6	3754908.7	731.5	3.49	4.00
3.25 YES							
L0019826	0	0.19380E-06	495880.5	3754905.2	735.6	3.49	4.00
3.25 YES							
L0019827	0	0.19380E-06	495888.3	3754901.7	739.8	3.49	4.00
3.25 YES							

L0019828	0	0.19380E-06	495895.6	3754897.2	739.6	3.49	4.00
3.25	YES						
L0019829	0	0.19380E-06	495902.9	3754892.7	739.5	3.49	4.00
3.25	YES						
L0019830	0	0.19380E-06	495910.3	3754888.2	739.3	3.49	4.00
3.25	YES						
L0019831	0	0.19380E-06	495917.6	3754883.7	739.2	3.49	4.00
3.25	YES						
L0019832	0	0.19380E-06	495924.9	3754879.2	739.1	3.49	4.00
3.25	YES						
L0019833	0	0.19380E-06	495932.2	3754874.7	738.9	3.49	4.00
3.25	YES						
L0019834	0	0.19380E-06	495939.6	3754870.2	738.8	3.49	4.00
3.25	YES						
L0019835	0	0.19380E-06	495946.9	3754865.8	738.6	3.49	4.00
3.25	YES						
L0019836	0	0.19380E-06	495954.2	3754861.3	738.5	3.49	4.00
3.25	YES						
L0019837	0	0.19380E-06	495961.5	3754856.8	738.3	3.49	4.00
3.25	YES						
L0019838	0	0.19380E-06	495968.9	3754852.3	738.2	3.49	4.00
3.25	YES						
L0019839	0	0.19380E-06	495976.2	3754847.8	738.0	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC *** 08/05/22
*** AERMET - VERSION 16216 *** ***
*** 17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019840	0	0.19380E-06	495983.5	3754843.3	737.9	3.49	4.00
3.25	YES						
L0019841	0	0.19380E-06	495990.8	3754838.8	737.8	3.49	4.00
3.25	YES						
L0019842	0	0.19380E-06	495998.1	3754834.3	737.6	3.49	4.00
3.25	YES						

L0019843	0	0.19380E-06	496005.5	3754829.8	737.5	3.49	4.00
3.25 YES							
L0019844	0	0.19380E-06	496012.8	3754825.3	737.3	3.49	4.00
3.25 YES							
L0019845	0	0.19380E-06	496020.1	3754820.8	737.2	3.49	4.00
3.25 YES							
L0019846	0	0.19380E-06	496027.4	3754816.3	737.0	3.49	4.00
3.25 YES							
L0019847	0	0.19380E-06	496034.8	3754811.9	736.9	3.49	4.00
3.25 YES							
L0019848	0	0.19380E-06	496042.1	3754807.4	736.7	3.49	4.00
3.25 YES							
L0019849	0	0.19380E-06	496049.4	3754802.9	736.6	3.49	4.00
3.25 YES							
L0019850	0	0.19380E-06	496056.7	3754798.4	736.4	3.49	4.00
3.25 YES							
L0019851	0	0.19380E-06	496064.0	3754793.9	736.3	3.49	4.00
3.25 YES							
L0019852	0	0.19380E-06	496071.4	3754789.4	736.1	3.49	4.00
3.25 YES							
L0019853	0	0.19380E-06	496078.7	3754784.9	736.0	3.49	4.00
3.25 YES							
L0019854	0	0.19380E-06	496086.0	3754780.4	735.9	3.49	4.00
3.25 YES							
L0019855	0	0.19380E-06	496093.3	3754775.9	735.7	3.49	4.00
3.25 YES							
L0019856	0	0.19380E-06	496100.7	3754771.4	735.6	3.49	4.00
3.25 YES							
L0019857	0	0.19380E-06	496108.0	3754766.9	735.4	3.49	4.00
3.25 YES							
L0019858	0	0.19380E-06	496115.3	3754762.5	735.3	3.49	4.00
3.25 YES							
L0019859	0	0.19380E-06	496122.6	3754758.0	735.1	3.49	4.00
3.25 YES							
L0019860	0	0.19380E-06	496129.9	3754753.5	735.0	3.49	4.00
3.25 YES							
L0019861	0	0.19380E-06	496137.3	3754749.0	734.8	3.49	4.00
3.25 YES							
L0019862	0	0.19380E-06	496144.6	3754744.5	734.7	3.49	4.00
3.25 YES							
L0019863	0	0.19380E-06	496151.9	3754740.0	734.5	3.49	4.00
3.25 YES							
L0019864	0	0.19380E-06	496159.2	3754735.5	734.4	3.49	4.00
3.25 YES							
L0019865	0	0.19380E-06	496166.6	3754731.0	734.3	3.49	4.00
3.25 YES							
L0019866	0	0.19380E-06	496173.9	3754726.5	734.1	3.49	4.00
3.25 YES							
L0019867	0	0.19380E-06	496181.2	3754722.0	734.0	3.49	4.00
3.25 YES							

L0019868	0	0.19380E-06	496188.5	3754717.5	733.8	3.49	4.00
3.25	YES						
L0019869	0	0.19380E-06	496195.8	3754713.1	733.7	3.49	4.00
3.25	YES						
L0019870	0	0.19380E-06	496203.2	3754708.6	733.5	3.49	4.00
3.25	YES						
L0019871	0	0.19380E-06	496210.5	3754704.1	733.4	3.49	4.00
3.25	YES						
L0019872	0	0.19380E-06	496217.8	3754699.6	733.2	3.49	4.00
3.25	YES						
L0019873	0	0.19380E-06	496225.1	3754695.1	733.1	3.49	4.00
3.25	YES						
L0019874	0	0.19380E-06	496232.5	3754690.6	732.9	3.49	4.00
3.25	YES						
L0019875	0	0.19380E-06	496239.8	3754686.1	732.8	3.49	4.00
3.25	YES						
L0019876	0	0.19380E-06	496247.1	3754681.6	732.7	3.49	4.00
3.25	YES						
L0019877	0	0.19380E-06	496254.4	3754677.1	732.5	3.49	4.00
3.25	YES						
L0019878	0	0.19380E-06	496261.7	3754672.6	732.4	3.49	4.00
3.25	YES						
L0019879	0	0.19380E-06	496269.1	3754668.1	732.2	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019880	0	0.19380E-06	496276.4	3754663.7	732.1	3.49	4.00
3.25	YES						
L0019881	0	0.19380E-06	496283.7	3754659.2	731.9	3.49	4.00
3.25	YES						
L0019882	0	0.19380E-06	496291.0	3754654.7	731.8	3.49	4.00
3.25	YES						

L0019883	0	0.19380E-06	496298.4	3754650.2	731.6	3.49	4.00
3.25 YES							
L0019884	0	0.19380E-06	496305.7	3754645.7	731.5	3.49	4.00
3.25 YES							
L0019885	0	0.19380E-06	496313.0	3754641.2	731.3	3.49	4.00
3.25 YES							
L0019886	0	0.19380E-06	496320.3	3754636.7	731.2	3.49	4.00
3.25 YES							
L0019887	0	0.19380E-06	496327.6	3754632.2	731.7	3.49	4.00
3.25 YES							
L0019888	0	0.19380E-06	496334.8	3754627.5	734.0	3.49	4.00
3.25 YES							
L0019889	0	0.19380E-06	496342.0	3754622.8	736.3	3.49	4.00
3.25 YES							
L0019890	0	0.19380E-06	496349.3	3754618.2	738.6	3.49	4.00
3.25 YES							
L0019891	0	0.19380E-06	496356.5	3754613.5	740.8	3.49	4.00
3.25 YES							
L0019892	0	0.19380E-06	496363.7	3754608.8	743.1	3.49	4.00
3.25 YES							
L0019893	0	0.19380E-06	496370.9	3754604.2	745.4	3.49	4.00
3.25 YES							
L0019894	0	0.19380E-06	496378.1	3754599.5	747.7	3.49	4.00
3.25 YES							
L0019895	0	0.19380E-06	496385.3	3754594.8	749.9	3.49	4.00
3.25 YES							
L0019896	0	0.19380E-06	496392.4	3754590.1	752.1	3.49	4.00
3.25 YES							
L0019897	0	0.19380E-06	496399.0	3754584.5	753.5	3.49	4.00
3.25 YES							
L0019898	0	0.19380E-06	496405.5	3754578.9	755.0	3.49	4.00
3.25 YES							
L0019899	0	0.19380E-06	496412.0	3754573.3	756.4	3.49	4.00
3.25 YES							
L0019900	0	0.19380E-06	496418.5	3754567.7	757.8	3.49	4.00
3.25 YES							
L0019901	0	0.19380E-06	496421.4	3754559.7	756.3	3.49	4.00
3.25 YES							
L0019902	0	0.19380E-06	496424.2	3754551.5	754.6	3.49	4.00
3.25 YES							
L0019903	0	0.19380E-06	496426.9	3754543.4	752.9	3.49	4.00
3.25 YES							
L0019904	0	0.19380E-06	496429.6	3754535.2	751.3	3.49	4.00
3.25 YES							
L0019905	0	0.19380E-06	496432.3	3754527.1	749.6	3.49	4.00
3.25 YES							
L0019906	0	0.19380E-06	496435.0	3754518.9	747.9	3.49	4.00
3.25 YES							
L0019907	0	0.19380E-06	496437.7	3754510.8	746.2	3.49	4.00
3.25 YES							

L0019908	0	0.13480E-06	495070.5	3755278.8	736.4	3.49	4.00
3.25	YES						
L0019909	0	0.13480E-06	495074.9	3755271.4	739.2	3.49	4.00
3.25	YES						
L0019910	0	0.13480E-06	495079.3	3755264.0	742.1	3.49	4.00
3.25	YES						
L0019911	0	0.13480E-06	495083.6	3755256.6	744.9	3.49	4.00
3.25	YES						
L0019912	0	0.13480E-06	495088.0	3755249.2	747.7	3.49	4.00
3.25	YES						
L0019913	0	0.13480E-06	495092.4	3755241.8	750.5	3.49	4.00
3.25	YES						
L0019914	0	0.13480E-06	495098.5	3755236.0	750.0	3.49	4.00
3.25	YES						
L0019915	0	0.13480E-06	495105.4	3755230.8	748.3	3.49	4.00
3.25	YES						
L0019916	0	0.13480E-06	495112.2	3755225.6	746.5	3.49	4.00
3.25	YES						
L0019917	0	0.13480E-06	495119.0	3755220.4	744.7	3.49	4.00
3.25	YES						
L0019918	0	0.13480E-06	495125.9	3755215.2	743.0	3.49	4.00
3.25	YES						
L0019919	0	0.13480E-06	495132.7	3755210.0	741.2	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019920	0	0.13480E-06	495140.0	3755205.5	739.8	3.49	4.00
3.25	YES						
L0019921	0	0.13480E-06	495147.5	3755201.3	738.5	3.49	4.00
3.25	YES						
L0019922	0	0.13480E-06	495154.9	3755197.0	737.2	3.49	4.00
3.25	YES						

L0019923	0	0.13480E-06	495162.4	3755192.8	735.9	3.49	4.00
3.25 YES							
L0019924	0	0.13480E-06	495169.9	3755188.5	734.6	3.49	4.00
3.25 YES							
L0019925	0	0.13480E-06	495177.4	3755184.3	733.4	3.49	4.00
3.25 YES							
L0019926	0	0.13480E-06	495184.8	3755180.1	732.1	3.49	4.00
3.25 YES							
L0019927	0	0.13480E-06	495192.3	3755175.8	730.8	3.49	4.00
3.25 YES							
L0019928	0	0.13480E-06	495199.8	3755171.6	729.5	3.49	4.00
3.25 YES							
L0019929	0	0.13480E-06	495207.2	3755167.3	728.6	3.49	4.00
3.25 YES							
L0019930	0	0.13480E-06	495214.5	3755162.8	730.5	3.49	4.00
3.25 YES							
L0019931	0	0.13480E-06	495221.8	3755158.3	732.4	3.49	4.00
3.25 YES							
L0019932	0	0.13480E-06	495229.1	3755153.8	734.4	3.49	4.00
3.25 YES							
L0019933	0	0.13480E-06	495236.5	3755149.2	736.3	3.49	4.00
3.25 YES							
L0019934	0	0.13480E-06	495243.8	3755144.7	738.2	3.49	4.00
3.25 YES							
L0019935	0	0.13480E-06	495251.1	3755140.2	740.2	3.49	4.00
3.25 YES							
L0019936	0	0.13480E-06	495258.4	3755135.7	742.1	3.49	4.00
3.25 YES							
L0019937	0	0.13480E-06	495265.7	3755131.2	744.0	3.49	4.00
3.25 YES							
L0019938	0	0.13480E-06	495273.1	3755126.8	745.9	3.49	4.00
3.25 YES							
L0019939	0	0.13480E-06	495281.2	3755124.1	746.6	3.49	4.00
3.25 YES							
L0019940	0	0.13480E-06	495289.4	3755121.4	747.4	3.49	4.00
3.25 YES							
L0019941	0	0.13480E-06	495297.5	3755118.7	748.2	3.49	4.00
3.25 YES							
L0019942	0	0.13480E-06	495305.7	3755116.0	749.0	3.49	4.00
3.25 YES							
L0019943	0	0.13480E-06	495313.8	3755113.2	749.7	3.49	4.00
3.25 YES							
L0019944	0	0.13480E-06	495322.1	3755111.7	749.9	3.49	4.00
3.25 YES							
L0019945	0	0.13480E-06	495330.7	3755112.2	748.9	3.49	4.00
3.25 YES							
L0019946	0	0.13480E-06	495339.3	3755112.8	747.9	3.49	4.00
3.25 YES							
L0019947	0	0.13480E-06	495347.8	3755113.3	747.0	3.49	4.00
3.25 YES							

L0019948	0	0.13480E-06	495356.4	3755114.3	743.1	3.49	4.00
3.25	YES						
L0019949	0	0.13480E-06	495364.9	3755115.2	738.6	3.49	4.00
3.25	YES						
L0019950	0	0.13480E-06	495373.4	3755114.1	736.2	3.49	4.00
3.25	YES						
L0019951	0	0.13480E-06	495381.9	3755112.9	733.9	3.49	4.00
3.25	YES						
L0019952	0	0.13480E-06	495390.4	3755111.7	731.6	3.49	4.00
3.25	YES						
L0019953	0	0.13480E-06	495398.9	3755110.5	729.3	3.49	4.00
3.25	YES						
L0019954	0	0.13480E-06	495407.4	3755109.4	727.0	3.49	4.00
3.25	YES						
L0019955	0	0.13480E-06	495415.9	3755108.2	724.7	3.49	4.00
3.25	YES						
L0019956	0	0.13480E-06	495424.2	3755106.0	722.6	3.49	4.00
3.25	YES						
L0019957	0	0.13480E-06	495432.2	3755102.9	720.9	3.49	4.00
3.25	YES						
L0019958	0	0.13480E-06	495440.2	3755099.8	719.1	3.49	4.00
3.25	YES						
L0019959	0	0.13480E-06	495448.2	3755096.7	717.4	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0019960	0	0.13480E-06	495456.2	3755093.6	715.6	3.49	4.00
3.25	YES						
L0019961	0	0.13480E-06	495464.2	3755090.5	713.9	3.49	4.00
3.25	YES						
L0019962	0	0.13480E-06	495472.2	3755087.3	712.1	3.49	4.00
3.25	YES						

L0019963	0	0.13480E-06	495480.2	3755084.2	710.4	3.49	4.00
3.25 YES							
L0019964	0	0.13480E-06	495488.2	3755081.1	708.6	3.49	4.00
3.25 YES							
L0019965	0	0.13480E-06	495496.1	3755077.7	708.4	3.49	4.00
3.25 YES							
L0019966	0	0.13480E-06	495503.9	3755074.2	708.7	3.49	4.00
3.25 YES							
L0019967	0	0.13480E-06	495511.8	3755070.7	708.9	3.49	4.00
3.25 YES							
L0019968	0	0.13480E-06	495519.6	3755067.2	709.2	3.49	4.00
3.25 YES							
L0019969	0	0.13480E-06	495527.4	3755063.6	709.4	3.49	4.00
3.25 YES							
L0019970	0	0.13480E-06	495535.3	3755060.1	709.7	3.49	4.00
3.25 YES							
L0019971	0	0.13480E-06	495543.1	3755056.6	709.9	3.49	4.00
3.25 YES							
L0019972	0	0.13480E-06	495551.0	3755053.1	710.2	3.49	4.00
3.25 YES							
L0019973	0	0.13480E-06	495558.8	3755049.6	710.4	3.49	4.00
3.25 YES							
L0019974	0	0.13480E-06	495566.6	3755046.1	710.7	3.49	4.00
3.25 YES							
L0019975	0	0.13480E-06	495574.5	3755042.6	710.9	3.49	4.00
3.25 YES							
L0019976	0	0.13480E-06	495582.3	3755039.1	711.2	3.49	4.00
3.25 YES							
L0019977	0	0.13480E-06	495590.2	3755035.5	711.4	3.49	4.00
3.25 YES							
L0019978	0	0.13480E-06	495598.0	3755032.0	711.7	3.49	4.00
3.25 YES							
L0019979	0	0.13480E-06	495605.8	3755028.5	711.9	3.49	4.00
3.25 YES							
L0019980	0	0.13480E-06	495613.7	3755025.0	712.2	3.49	4.00
3.25 YES							
L0019981	0	0.13480E-06	495621.5	3755021.5	712.4	3.49	4.00
3.25 YES							
L0019982	0	0.13480E-06	495629.4	3755018.0	712.7	3.49	4.00
3.25 YES							
L0019983	0	0.13480E-06	495637.2	3755014.5	712.9	3.49	4.00
3.25 YES							
L0019984	0	0.13480E-06	495645.0	3755011.0	713.2	3.49	4.00
3.25 YES							
L0019985	0	0.13480E-06	495652.9	3755007.4	713.4	3.49	4.00
3.25 YES							
L0019986	0	0.13480E-06	495660.7	3755003.9	713.7	3.49	4.00
3.25 YES							
L0019987	0	0.13480E-06	495668.5	3755000.4	713.9	3.49	4.00
3.25 YES							

L0019988	0	0.13480E-06	495676.4	3754996.9	714.2	3.49	4.00
3.25	YES						
L0019989	0	0.13480E-06	495684.2	3754993.4	714.4	3.49	4.00
3.25	YES						
L0019990	0	0.13480E-06	495692.1	3754989.9	714.7	3.49	4.00
3.25	YES						
L0019991	0	0.13480E-06	495699.9	3754986.4	714.9	3.49	4.00
3.25	YES						
L0019992	0	0.13480E-06	495707.7	3754982.9	715.2	3.49	4.00
3.25	YES						
L0019993	0	0.13480E-06	495715.6	3754979.3	715.4	3.49	4.00
3.25	YES						
L0019994	0	0.13480E-06	495723.4	3754975.8	715.7	3.49	4.00
3.25	YES						
L0019995	0	0.13480E-06	495731.3	3754972.3	715.9	3.49	4.00
3.25	YES						
L0019996	0	0.13480E-06	495739.1	3754968.8	716.2	3.49	4.00
3.25	YES						
L0019997	0	0.13480E-06	495746.9	3754965.3	716.4	3.49	4.00
3.25	YES						
L0019998	0	0.13480E-06	495754.8	3754961.8	716.7	3.49	4.00
3.25	YES						
L0019999	0	0.13480E-06	495762.6	3754958.3	716.9	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0020000	0	0.13480E-06	495770.5	3754954.8	717.2	3.49	4.00
3.25	YES						
L0020001	0	0.13480E-06	495778.3	3754951.2	717.4	3.49	4.00
3.25	YES						
L0020002	0	0.13480E-06	495786.1	3754947.7	717.7	3.49	4.00
3.25	YES						

L0020003	0	0.13480E-06	495794.0	3754944.2	717.9	3.49	4.00
3.25 YES							
L0020004	0	0.13480E-06	495801.8	3754940.7	718.2	3.49	4.00
3.25 YES							
L0020005	0	0.13480E-06	495809.7	3754937.2	718.4	3.49	4.00
3.25 YES							
L0020006	0	0.13480E-06	495817.5	3754933.7	718.7	3.49	4.00
3.25 YES							
L0020007	0	0.13480E-06	495825.3	3754930.2	718.9	3.49	4.00
3.25 YES							
L0020008	0	0.13480E-06	495833.2	3754926.7	719.2	3.49	4.00
3.25 YES							
L0020009	0	0.13480E-06	495841.0	3754923.1	719.4	3.49	4.00
3.25 YES							
L0020010	0	0.13480E-06	495848.7	3754919.4	719.8	3.49	4.00
3.25 YES							
L0020011	0	0.13480E-06	495856.3	3754915.3	720.2	3.49	4.00
3.25 YES							
L0020012	0	0.13480E-06	495863.8	3754911.2	720.7	3.49	4.00
3.25 YES							
L0020013	0	0.13480E-06	495871.3	3754907.0	721.2	3.49	4.00
3.25 YES							
L0020014	0	0.13480E-06	495878.9	3754902.9	721.6	3.49	4.00
3.25 YES							
L0020015	0	0.13480E-06	495886.4	3754898.8	722.1	3.49	4.00
3.25 YES							
L0020016	0	0.13480E-06	495894.0	3754894.7	722.6	3.49	4.00
3.25 YES							
L0020017	0	0.13480E-06	495901.5	3754890.6	723.0	3.49	4.00
3.25 YES							
L0020018	0	0.13480E-06	495909.1	3754886.5	723.5	3.49	4.00
3.25 YES							
L0020019	0	0.13480E-06	495916.6	3754882.4	724.0	3.49	4.00
3.25 YES							
L0020020	0	0.13480E-06	495924.1	3754878.2	724.4	3.49	4.00
3.25 YES							
L0020021	0	0.13480E-06	495931.7	3754874.1	724.9	3.49	4.00
3.25 YES							
L0020022	0	0.13480E-06	495939.2	3754870.0	725.3	3.49	4.00
3.25 YES							
L0020023	0	0.13480E-06	495946.8	3754865.9	725.8	3.49	4.00
3.25 YES							
L0020024	0	0.13480E-06	495954.3	3754861.8	726.3	3.49	4.00
3.25 YES							
L0020025	0	0.13480E-06	495961.8	3754857.7	726.7	3.49	4.00
3.25 YES							
L0020026	0	0.13480E-06	495969.4	3754853.6	727.2	3.49	4.00
3.25 YES							
L0020027	0	0.13480E-06	495976.8	3754849.3	728.0	3.49	4.00
3.25 YES							

L0020028	0	0.13480E-06	495984.2	3754844.8	729.4	3.49	4.00
3.25	YES						
L0020029	0	0.13480E-06	495991.5	3754840.3	730.8	3.49	4.00
3.25	YES						
L0020030	0	0.13480E-06	495998.8	3754835.9	732.1	3.49	4.00
3.25	YES						
L0020031	0	0.13480E-06	496006.1	3754831.4	733.5	3.49	4.00
3.25	YES						
L0020032	0	0.13480E-06	496013.5	3754826.9	734.8	3.49	4.00
3.25	YES						
L0020033	0	0.13480E-06	496020.8	3754822.4	736.2	3.49	4.00
3.25	YES						
L0020034	0	0.13480E-06	496028.1	3754817.9	737.6	3.49	4.00
3.25	YES						
L0020035	0	0.13480E-06	496035.5	3754813.4	738.9	3.49	4.00
3.25	YES						
L0020036	0	0.13480E-06	496042.8	3754809.0	740.3	3.49	4.00
3.25	YES						
L0020037	0	0.13480E-06	496050.1	3754804.5	741.6	3.49	4.00
3.25	YES						
L0020038	0	0.13480E-06	496057.4	3754800.0	743.0	3.49	4.00
3.25	YES						
L0020039	0	0.13480E-06	496064.8	3754795.5	744.4	3.49	4.00
3.25	YES						

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0020040	0	0.13480E-06	496072.1	3754791.0	745.7	3.49	4.00
3.25	YES						
L0020041	0	0.13480E-06	496079.4	3754786.5	747.1	3.49	4.00
3.25	YES						
L0020042	0	0.13480E-06	496086.8	3754782.1	748.4	3.49	4.00
3.25	YES						

L0020043	0	0.13480E-06	496094.1	3754777.6	749.8	3.49	4.00
3.25	YES						
L0020044	0	0.13480E-06	496101.4	3754773.1	751.2	3.49	4.00
3.25	YES						
L0020045	0	0.13480E-06	496108.7	3754768.6	752.5	3.49	4.00
3.25	YES						
L0020046	0	0.13480E-06	496116.1	3754764.1	753.9	3.49	4.00
3.25	YES						
L0020047	0	0.13480E-06	496123.4	3754759.6	755.3	3.49	4.00
3.25	YES						
L0020048	0	0.13480E-06	496130.7	3754755.2	756.6	3.49	4.00
3.25	YES						
L0020049	0	0.13480E-06	496138.0	3754750.7	758.0	3.49	4.00
3.25	YES						
L0020050	0	0.13480E-06	496145.4	3754746.2	757.3	3.49	4.00
3.25	YES						
L0020051	0	0.13480E-06	496152.7	3754741.7	756.2	3.49	4.00
3.25	YES						
L0020052	0	0.13480E-06	496160.0	3754737.2	755.2	3.49	4.00
3.25	YES						
L0020053	0	0.13480E-06	496167.3	3754732.7	754.2	3.49	4.00
3.25	YES						
L0020054	0	0.13480E-06	496174.7	3754728.2	753.1	3.49	4.00
3.25	YES						
L0020055	0	0.13480E-06	496182.0	3754723.8	752.1	3.49	4.00
3.25	YES						
L0020056	0	0.13480E-06	496189.3	3754719.3	751.1	3.49	4.00
3.25	YES						
L0020057	0	0.13480E-06	496196.6	3754714.8	750.0	3.49	4.00
3.25	YES						
L0020058	0	0.13480E-06	496204.0	3754710.3	749.0	3.49	4.00
3.25	YES						
L0020059	0	0.13480E-06	496211.3	3754705.8	748.0	3.49	4.00
3.25	YES						
L0020060	0	0.13480E-06	496218.6	3754701.3	746.9	3.49	4.00
3.25	YES						
L0020061	0	0.13480E-06	496225.9	3754696.8	745.9	3.49	4.00
3.25	YES						
L0020062	0	0.13480E-06	496233.3	3754692.3	744.8	3.49	4.00
3.25	YES						
L0020063	0	0.13480E-06	496240.6	3754687.8	743.8	3.49	4.00
3.25	YES						
L0020064	0	0.13480E-06	496247.9	3754683.4	742.8	3.49	4.00
3.25	YES						
L0020065	0	0.13480E-06	496255.2	3754678.9	741.7	3.49	4.00
3.25	YES						
L0020066	0	0.13480E-06	496262.5	3754674.4	740.7	3.49	4.00
3.25	YES						
L0020067	0	0.13480E-06	496269.9	3754669.9	739.7	3.49	4.00
3.25	YES						

L0020068	0	0.13480E-06	496277.2	3754665.4	738.6	3.49	4.00
3.25	YES						
L0020069	0	0.13480E-06	496284.5	3754660.9	737.6	3.49	4.00
3.25	YES						
L0020070	0	0.13480E-06	496291.8	3754656.4	736.6	3.49	4.00
3.25	YES						
L0020071	0	0.13480E-06	496299.2	3754651.9	735.5	3.49	4.00
3.25	YES						
L0020072	0	0.13480E-06	496306.5	3754647.4	734.5	3.49	4.00
3.25	YES						
L0020073	0	0.13480E-06	496313.8	3754643.0	733.5	3.49	4.00
3.25	YES						
L0020074	0	0.13480E-06	496321.0	3754638.3	733.0	3.49	4.00
3.25	YES						
L0020075	0	0.13480E-06	496327.9	3754633.1	734.9	3.49	4.00
3.25	YES						
L0020076	0	0.13480E-06	496334.7	3754627.9	736.8	3.49	4.00
3.25	YES						
L0020077	0	0.13480E-06	496341.5	3754622.7	738.7	3.49	4.00
3.25	YES						
L0020078	0	0.13480E-06	496348.4	3754617.5	740.6	3.49	4.00
3.25	YES						
L0020079	0	0.13480E-06	496355.2	3754612.3	742.4	3.49	4.00
3.25	YES						

*** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0020080	0	0.13480E-06	496362.0	3754607.1	744.3	3.49	4.00
3.25	YES						
L0020081	0	0.13480E-06	496368.9	3754601.9	746.2	3.49	4.00
3.25	YES						
L0020082	0	0.13480E-06	496375.7	3754596.7	748.1	3.49	4.00
3.25	YES						

L0020083	0	0.13480E-06	496382.5	3754591.5	750.0	3.49	4.00
3.25	YES						
L0020084	0	0.13480E-06	496389.4	3754586.3	751.9	3.49	4.00
3.25	YES						
L0020085	0	0.13480E-06	496396.2	3754581.1	753.8	3.49	4.00
3.25	YES						
L0020086	0	0.13480E-06	496403.0	3754575.8	755.5	3.49	4.00
3.25	YES						
L0020087	0	0.13480E-06	496409.6	3754570.4	756.5	3.49	4.00
3.25	YES						
L0020088	0	0.13480E-06	496416.3	3754564.9	757.5	3.49	4.00
3.25	YES						
L0020089	0	0.13480E-06	496422.8	3754559.4	758.4	3.49	4.00
3.25	YES						
L0020090	0	0.13480E-06	496425.5	3754551.3	756.1	3.49	4.00
3.25	YES						
L0020091	0	0.13480E-06	496428.3	3754543.1	753.7	3.49	4.00
3.25	YES						
L0020092	0	0.13480E-06	496431.0	3754535.0	751.3	3.49	4.00
3.25	YES						
L0020093	0	0.13480E-06	496433.7	3754526.8	748.9	3.49	4.00
3.25	YES						
L0020094	0	0.13480E-06	496436.4	3754518.7	746.5	3.49	4.00
3.25	YES						
L0020095	0	0.13480E-06	496439.1	3754510.5	744.2	3.49	4.00
3.25	YES						
L0021042	0	0.12090E-06	494755.4	3755531.1	753.9	3.49	4.00
3.25	YES						
L0021043	0	0.12090E-06	494762.9	3755526.9	753.3	3.49	4.00
3.25	YES						
L0021044	0	0.12090E-06	494770.4	3755522.7	752.7	3.49	4.00
3.25	YES						
L0021045	0	0.12090E-06	494777.9	3755518.5	752.1	3.49	4.00
3.25	YES						
L0021046	0	0.12090E-06	494785.4	3755514.3	751.5	3.49	4.00
3.25	YES						
L0021047	0	0.12090E-06	494792.9	3755510.2	750.9	3.49	4.00
3.25	YES						
L0021048	0	0.12090E-06	494800.4	3755506.0	750.3	3.49	4.00
3.25	YES						
L0021049	0	0.12090E-06	494807.9	3755501.8	749.8	3.49	4.00
3.25	YES						
L0021050	0	0.12090E-06	494815.4	3755497.6	749.2	3.49	4.00
3.25	YES						
L0021051	0	0.12090E-06	494822.9	3755493.4	748.6	3.49	4.00
3.25	YES						
L0021052	0	0.12090E-06	494830.4	3755489.2	748.0	3.49	4.00
3.25	YES						
L0021053	0	0.12090E-06	494837.9	3755485.1	747.4	3.49	4.00
3.25	YES						

L0021054	0	0.12090E-06	494845.4	3755480.9	746.8	3.49	4.00
3.25 YES							
L0021055	0	0.12090E-06	494852.9	3755476.7	746.2	3.49	4.00
3.25 YES							
L0021056	0	0.12090E-06	494860.4	3755472.5	745.6	3.49	4.00
3.25 YES							
L0021057	0	0.12090E-06	494867.9	3755468.3	745.0	3.49	4.00
3.25 YES							
L0021058	0	0.12090E-06	494875.4	3755464.1	744.4	3.49	4.00
3.25 YES							
L0021059	0	0.12090E-06	494882.9	3755460.0	743.8	3.49	4.00
3.25 YES							
L0021060	0	0.12090E-06	494890.4	3755455.8	743.2	3.49	4.00
3.25 YES							
L0021061	0	0.12090E-06	494897.9	3755451.6	742.6	3.49	4.00
3.25 YES							
L0021062	0	0.12090E-06	494905.4	3755447.4	742.0	3.49	4.00
3.25 YES							
L0021063	0	0.12090E-06	494912.9	3755443.2	741.4	3.49	4.00
3.25 YES							
L0021064	0	0.12090E-06	494920.4	3755439.0	740.8	3.49	4.00
3.25 YES							
L0021065	0	0.12090E-06	494927.9	3755434.9	740.2	3.49	4.00
3.25 YES							

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021066	0	0.12090E-06	494935.4	3755430.7	739.6	3.49	4.00
3.25 YES							
L0021067	0	0.12090E-06	494942.9	3755426.5	739.1	3.49	4.00
3.25 YES							
L0021068	0	0.12090E-06	494950.4	3755422.3	739.3	3.49	4.00
3.25 YES							

L0021069	0	0.12090E-06	494958.0	3755418.2	739.9	3.49	4.00
3.25	YES						
L0021070	0	0.12090E-06	494965.5	3755414.0	740.5	3.49	4.00
3.25	YES						
L0021071	0	0.12090E-06	494973.0	3755409.9	741.0	3.49	4.00
3.25	YES						
L0021072	0	0.12090E-06	494980.5	3755405.7	741.6	3.49	4.00
3.25	YES						
L0021073	0	0.12090E-06	494988.0	3755401.6	742.2	3.49	4.00
3.25	YES						
L0021074	0	0.12090E-06	494995.6	3755397.4	742.8	3.49	4.00
3.25	YES						
L0021075	0	0.12090E-06	495003.1	3755393.3	743.4	3.49	4.00
3.25	YES						
L0021076	0	0.12090E-06	495010.6	3755389.1	743.9	3.49	4.00
3.25	YES						
L0021077	0	0.12090E-06	495018.1	3755385.0	744.5	3.49	4.00
3.25	YES						
L0021078	0	0.12090E-06	495025.6	3755380.8	745.1	3.49	4.00
3.25	YES						
L0021079	0	0.12090E-06	495033.2	3755376.7	745.7	3.49	4.00
3.25	YES						
L0021080	0	0.12090E-06	495038.1	3755369.9	740.9	3.49	4.00
3.25	YES						
L0021081	0	0.12090E-06	495042.4	3755362.5	734.8	3.49	4.00
3.25	YES						
L0021082	0	0.12090E-06	495046.6	3755355.0	728.6	3.49	4.00
3.25	YES						
L0021083	0	0.12090E-06	495050.9	3755347.5	722.4	3.49	4.00
3.25	YES						
L0021084	0	0.12090E-06	495054.7	3755339.8	719.9	3.49	4.00
3.25	YES						
L0021085	0	0.12090E-06	495057.8	3755331.8	722.4	3.49	4.00
3.25	YES						
L0021086	0	0.12090E-06	495060.9	3755323.8	724.9	3.49	4.00
3.25	YES						
L0021087	0	0.12090E-06	495064.0	3755315.8	727.4	3.49	4.00
3.25	YES						
L0021088	0	0.12090E-06	495067.1	3755307.8	729.9	3.49	4.00
3.25	YES						
L0021089	0	0.12090E-06	495070.2	3755299.8	732.4	3.49	4.00
3.25	YES						
L0021090	0	0.12090E-06	495073.4	3755291.8	734.9	3.49	4.00
3.25	YES						
L0021091	0	0.12090E-06	495076.5	3755283.8	737.4	3.49	4.00
3.25	YES						
L0021092	0	0.12090E-06	495079.6	3755275.8	740.0	3.49	4.00
3.25	YES						
L0021093	0	0.12090E-06	495082.7	3755267.8	742.5	3.49	4.00
3.25	YES						

L0021094	0	0.12090E-06	495085.8	3755259.8	745.0	3.49	4.00
3.25	YES						
L0021095	0	0.12090E-06	495088.9	3755251.8	747.5	3.49	4.00
3.25	YES						
L0021096	0	0.12090E-06	495092.0	3755243.8	750.0	3.49	4.00
3.25	YES						
L0021097	0	0.12090E-06	495097.0	3755237.2	750.4	3.49	4.00
3.25	YES						
L0021098	0	0.12090E-06	495103.8	3755232.0	748.7	3.49	4.00
3.25	YES						
L0021099	0	0.12090E-06	495110.7	3755226.8	746.9	3.49	4.00
3.25	YES						
L0021100	0	0.12090E-06	495117.5	3755221.5	745.1	3.49	4.00
3.25	YES						
L0021101	0	0.12090E-06	495124.3	3755216.3	743.4	3.49	4.00
3.25	YES						
L0021102	0	0.12090E-06	495131.2	3755211.1	741.6	3.49	4.00
3.25	YES						
L0021103	0	0.12090E-06	495138.3	3755206.4	740.1	3.49	4.00
3.25	YES						
L0021104	0	0.12090E-06	495145.8	3755202.2	738.8	3.49	4.00
3.25	YES						
L0021105	0	0.12090E-06	495153.3	3755198.0	737.5	3.49	4.00
3.25	YES						

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021106	0	0.12090E-06	495160.8	3755193.7	736.2	3.49	4.00
3.25	YES						
L0021107	0	0.12090E-06	495168.2	3755189.5	734.9	3.49	4.00
3.25	YES						
L0021108	0	0.12090E-06	495175.7	3755185.2	733.6	3.49	4.00
3.25	YES						

L0021109	0	0.12090E-06	495183.2	3755181.0	732.3	3.49	4.00
3.25	YES						
L0021110	0	0.12090E-06	495190.6	3755176.8	731.1	3.49	4.00
3.25	YES						
L0021111	0	0.12090E-06	495198.1	3755172.5	729.8	3.49	4.00
3.25	YES						
L0021112	0	0.12090E-06	495205.6	3755168.3	728.5	3.49	4.00
3.25	YES						
L0021113	0	0.12090E-06	495212.9	3755163.8	730.1	3.49	4.00
3.25	YES						
L0021114	0	0.12090E-06	495220.2	3755159.3	732.0	3.49	4.00
3.25	YES						
L0021115	0	0.12090E-06	495227.5	3755154.8	734.0	3.49	4.00
3.25	YES						
L0021116	0	0.12090E-06	495234.8	3755150.2	735.9	3.49	4.00
3.25	YES						
L0021117	0	0.12090E-06	495242.1	3755145.7	737.8	3.49	4.00
3.25	YES						
L0021118	0	0.12090E-06	495249.4	3755141.2	739.8	3.49	4.00
3.25	YES						
L0021119	0	0.12090E-06	495256.8	3755136.7	741.7	3.49	4.00
3.25	YES						
L0021120	0	0.12090E-06	495264.1	3755132.2	743.6	3.49	4.00
3.25	YES						
L0021121	0	0.12090E-06	495271.4	3755127.7	745.5	3.49	4.00
3.25	YES						
L0021122	0	0.12090E-06	495279.4	3755124.7	746.5	3.49	4.00
3.25	YES						
L0021123	0	0.12090E-06	495287.5	3755122.0	747.2	3.49	4.00
3.25	YES						
L0021124	0	0.12090E-06	495295.7	3755119.3	748.0	3.49	4.00
3.25	YES						
L0021125	0	0.12090E-06	495303.8	3755116.6	748.8	3.49	4.00
3.25	YES						
L0021126	0	0.12090E-06	495312.0	3755113.8	749.6	3.49	4.00
3.25	YES						
L0021127	0	0.12090E-06	495320.2	3755111.6	750.1	3.49	4.00
3.25	YES						
L0021128	0	0.12090E-06	495328.8	3755112.1	749.1	3.49	4.00
3.25	YES						
L0021129	0	0.12090E-06	495337.3	3755112.6	748.2	3.49	4.00
3.25	YES						
L0021130	0	0.12090E-06	495345.9	3755113.2	747.2	3.49	4.00
3.25	YES						
L0021131	0	0.12090E-06	495354.5	3755114.1	744.2	3.49	4.00
3.25	YES						
L0021132	0	0.12090E-06	495363.0	3755115.3	739.3	3.49	4.00
3.25	YES						
L0021133	0	0.12090E-06	495371.5	3755114.3	736.8	3.49	4.00
3.25	YES						

L0021134	0	0.12090E-06	495380.0	3755113.1	734.4	3.49	4.00
3.25	YES						
L0021135	0	0.12090E-06	495388.5	3755112.0	732.1	3.49	4.00
3.25	YES						
L0021136	0	0.12090E-06	495397.0	3755110.8	729.8	3.49	4.00
3.25	YES						
L0021137	0	0.12090E-06	495405.5	3755109.6	727.5	3.49	4.00
3.25	YES						
L0021138	0	0.12090E-06	495414.0	3755108.4	725.2	3.49	4.00
3.25	YES						
L0021139	0	0.12090E-06	495422.4	3755106.7	723.0	3.49	4.00
3.25	YES						
L0021140	0	0.12090E-06	495430.4	3755103.6	721.3	3.49	4.00
3.25	YES						
L0021141	0	0.12090E-06	495438.4	3755100.5	719.5	3.49	4.00
3.25	YES						
L0021142	0	0.12090E-06	495446.4	3755097.4	717.8	3.49	4.00
3.25	YES						
L0021143	0	0.12090E-06	495454.4	3755094.3	716.0	3.49	4.00
3.25	YES						
L0021144	0	0.12090E-06	495462.4	3755091.1	714.3	3.49	4.00
3.25	YES						
L0021145	0	0.12090E-06	495470.4	3755088.0	712.5	3.49	4.00
3.25	YES						

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*** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC                      ***      08/05/22
*** AERMET - VERSION 16216 ***      ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	ID	SCALAR	VARY			(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY					
				(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

L0021146	0	0.12090E-06	495478.4	3755084.9	710.8	3.49	4.00
3.25	YES						
L0021147	0	0.12090E-06	495486.4	3755081.8	709.0	3.49	4.00
3.25	YES						
L0021148	0	0.12090E-06	495494.3	3755078.5	708.3	3.49	4.00
3.25	YES						

L0021149	0	0.12090E-06	495502.2	3755075.0	708.6	3.49	4.00
3.25 YES							
L0021150	0	0.12090E-06	495510.0	3755071.4	708.8	3.49	4.00
3.25 YES							
L0021151	0	0.12090E-06	495517.9	3755067.9	709.1	3.49	4.00
3.25 YES							
L0021152	0	0.12090E-06	495525.7	3755064.4	709.3	3.49	4.00
3.25 YES							
L0021153	0	0.12090E-06	495533.5	3755060.9	709.6	3.49	4.00
3.25 YES							
L0021154	0	0.12090E-06	495541.4	3755057.4	709.8	3.49	4.00
3.25 YES							
L0021155	0	0.12090E-06	495549.2	3755053.9	710.1	3.49	4.00
3.25 YES							
L0021156	0	0.12090E-06	495557.1	3755050.4	710.4	3.49	4.00
3.25 YES							
L0021157	0	0.12090E-06	495564.9	3755046.9	710.6	3.49	4.00
3.25 YES							
L0021158	0	0.12090E-06	495572.7	3755043.3	710.9	3.49	4.00
3.25 YES							
L0021159	0	0.12090E-06	495580.6	3755039.8	711.1	3.49	4.00
3.25 YES							
L0021160	0	0.12090E-06	495588.4	3755036.3	711.4	3.49	4.00
3.25 YES							
L0021161	0	0.12090E-06	495596.3	3755032.8	711.6	3.49	4.00
3.25 YES							
L0021162	0	0.12090E-06	495604.1	3755029.3	711.9	3.49	4.00
3.25 YES							
L0021163	0	0.12090E-06	495611.9	3755025.8	712.1	3.49	4.00
3.25 YES							
L0021164	0	0.12090E-06	495619.8	3755022.3	712.4	3.49	4.00
3.25 YES							
L0021165	0	0.12090E-06	495627.6	3755018.8	712.6	3.49	4.00
3.25 YES							
L0021166	0	0.12090E-06	495635.4	3755015.2	712.9	3.49	4.00
3.25 YES							
L0021167	0	0.12090E-06	495643.3	3755011.7	713.1	3.49	4.00
3.25 YES							
L0021168	0	0.12090E-06	495651.1	3755008.2	713.4	3.49	4.00
3.25 YES							
L0021169	0	0.12090E-06	495659.0	3755004.7	713.6	3.49	4.00
3.25 YES							
L0021170	0	0.12090E-06	495666.8	3755001.2	713.9	3.49	4.00
3.25 YES							
L0021171	0	0.12090E-06	495674.6	3754997.7	714.1	3.49	4.00
3.25 YES							
L0021172	0	0.12090E-06	495682.5	3754994.2	714.4	3.49	4.00
3.25 YES							
L0021173	0	0.12090E-06	495690.3	3754990.7	714.6	3.49	4.00
3.25 YES							

L0021174	0	0.12090E-06	495698.2	3754987.1	714.9	3.49	4.00
3.25	YES						
L0021175	0	0.12090E-06	495706.0	3754983.6	715.1	3.49	4.00
3.25	YES						
L0021176	0	0.12090E-06	495713.8	3754980.1	715.4	3.49	4.00
3.25	YES						
L0021177	0	0.12090E-06	495721.7	3754976.6	715.6	3.49	4.00
3.25	YES						
L0021178	0	0.12090E-06	495729.5	3754973.1	715.9	3.49	4.00
3.25	YES						
L0021179	0	0.12090E-06	495737.4	3754969.6	716.1	3.49	4.00
3.25	YES						
L0021180	0	0.12090E-06	495745.2	3754966.1	716.4	3.49	4.00
3.25	YES						
L0021181	0	0.12090E-06	495753.0	3754962.6	716.6	3.49	4.00
3.25	YES						
L0021182	0	0.12090E-06	495760.9	3754959.0	716.9	3.49	4.00
3.25	YES						
L0021183	0	0.12090E-06	495768.7	3754955.5	717.1	3.49	4.00
3.25	YES						
L0021184	0	0.12090E-06	495776.5	3754952.0	717.4	3.49	4.00
3.25	YES						
L0021185	0	0.12090E-06	495784.4	3754948.5	717.6	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021186	0	0.12090E-06	495792.2	3754945.0	717.9	3.49	4.00
3.25	YES						
L0021187	0	0.12090E-06	495800.1	3754941.5	718.1	3.49	4.00
3.25	YES						
L0021188	0	0.12090E-06	495807.9	3754938.0	718.4	3.49	4.00
3.25	YES						

L0021189	0	0.12090E-06	495815.7	3754934.5	718.6	3.49	4.00
3.25 YES							
L0021190	0	0.12090E-06	495823.6	3754930.9	718.9	3.49	4.00
3.25 YES							
L0021191	0	0.12090E-06	495831.4	3754927.4	719.1	3.49	4.00
3.25 YES							
L0021192	0	0.12090E-06	495839.3	3754923.9	719.4	3.49	4.00
3.25 YES							
L0021193	0	0.12090E-06	495847.0	3754920.3	719.7	3.49	4.00
3.25 YES							
L0021194	0	0.12090E-06	495854.6	3754916.2	720.1	3.49	4.00
3.25 YES							
L0021195	0	0.12090E-06	495862.1	3754912.1	720.6	3.49	4.00
3.25 YES							
L0021196	0	0.12090E-06	495869.7	3754908.0	721.1	3.49	4.00
3.25 YES							
L0021197	0	0.12090E-06	495877.2	3754903.8	721.5	3.49	4.00
3.25 YES							
L0021198	0	0.12090E-06	495884.8	3754899.7	722.0	3.49	4.00
3.25 YES							
L0021199	0	0.12090E-06	495892.3	3754895.6	722.5	3.49	4.00
3.25 YES							
L0021200	0	0.12090E-06	495899.8	3754891.5	722.9	3.49	4.00
3.25 YES							
L0021201	0	0.12090E-06	495907.4	3754887.4	723.4	3.49	4.00
3.25 YES							
L0021202	0	0.12090E-06	495914.9	3754883.3	723.8	3.49	4.00
3.25 YES							
L0021203	0	0.12090E-06	495922.5	3754879.2	724.3	3.49	4.00
3.25 YES							
L0021204	0	0.12090E-06	495930.0	3754875.0	724.8	3.49	4.00
3.25 YES							
L0021205	0	0.12090E-06	495937.5	3754870.9	725.2	3.49	4.00
3.25 YES							
L0021206	0	0.12090E-06	495945.1	3754866.8	725.7	3.49	4.00
3.25 YES							
L0021207	0	0.12090E-06	495952.6	3754862.7	726.2	3.49	4.00
3.25 YES							
L0021208	0	0.12090E-06	495960.2	3754858.6	726.6	3.49	4.00
3.25 YES							
L0021209	0	0.12090E-06	495967.7	3754854.5	727.1	3.49	4.00
3.25 YES							
L0021210	0	0.12090E-06	495975.2	3754850.3	727.7	3.49	4.00
3.25 YES							
L0021211	0	0.12090E-06	495982.5	3754845.8	729.1	3.49	4.00
3.25 YES							
L0021212	0	0.12090E-06	495989.9	3754841.3	730.4	3.49	4.00
3.25 YES							
L0021213	0	0.12090E-06	495997.2	3754836.9	731.8	3.49	4.00
3.25 YES							

L0021214	0	0.12090E-06	496004.5	3754832.4	733.2	3.49	4.00
3.25	YES						
L0021215	0	0.12090E-06	496011.8	3754827.9	734.5	3.49	4.00
3.25	YES						
L0021216	0	0.12090E-06	496019.2	3754823.4	735.9	3.49	4.00
3.25	YES						
L0021217	0	0.12090E-06	496026.5	3754818.9	737.3	3.49	4.00
3.25	YES						
L0021218	0	0.12090E-06	496033.8	3754814.4	738.6	3.49	4.00
3.25	YES						
L0021219	0	0.12090E-06	496041.2	3754810.0	740.0	3.49	4.00
3.25	YES						
L0021220	0	0.12090E-06	496048.5	3754805.5	741.3	3.49	4.00
3.25	YES						
L0021221	0	0.12090E-06	496055.8	3754801.0	742.7	3.49	4.00
3.25	YES						
L0021222	0	0.12090E-06	496063.1	3754796.5	744.1	3.49	4.00
3.25	YES						
L0021223	0	0.12090E-06	496070.5	3754792.0	745.4	3.49	4.00
3.25	YES						
L0021224	0	0.12090E-06	496077.8	3754787.5	746.8	3.49	4.00
3.25	YES						
L0021225	0	0.12090E-06	496085.1	3754783.1	748.1	3.49	4.00
3.25	YES						

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021226	0	0.12090E-06	496092.4	3754778.6	749.5	3.49	4.00
3.25	YES						
L0021227	0	0.12090E-06	496099.8	3754774.1	750.9	3.49	4.00
3.25	YES						
L0021228	0	0.12090E-06	496107.1	3754769.6	752.2	3.49	4.00
3.25	YES						

L0021229	0	0.12090E-06	496114.4	3754765.1	753.6	3.49	4.00
3.25 YES							
L0021230	0	0.12090E-06	496121.8	3754760.6	755.0	3.49	4.00
3.25 YES							
L0021231	0	0.12090E-06	496129.1	3754756.2	756.3	3.49	4.00
3.25 YES							
L0021232	0	0.12090E-06	496136.4	3754751.7	757.7	3.49	4.00
3.25 YES							
L0021233	0	0.12090E-06	496143.7	3754747.2	757.5	3.49	4.00
3.25 YES							
L0021234	0	0.12090E-06	496151.1	3754742.7	756.5	3.49	4.00
3.25 YES							
L0021235	0	0.12090E-06	496158.4	3754738.2	755.4	3.49	4.00
3.25 YES							
L0021236	0	0.12090E-06	496165.7	3754733.7	754.4	3.49	4.00
3.25 YES							
L0021237	0	0.12090E-06	496173.0	3754729.2	753.4	3.49	4.00
3.25 YES							
L0021238	0	0.12090E-06	496180.4	3754724.7	752.3	3.49	4.00
3.25 YES							
L0021239	0	0.12090E-06	496187.7	3754720.3	751.3	3.49	4.00
3.25 YES							
L0021240	0	0.12090E-06	496195.0	3754715.8	750.3	3.49	4.00
3.25 YES							
L0021241	0	0.12090E-06	496202.3	3754711.3	749.2	3.49	4.00
3.25 YES							
L0021242	0	0.12090E-06	496209.7	3754706.8	748.2	3.49	4.00
3.25 YES							
L0021243	0	0.12090E-06	496217.0	3754702.3	747.1	3.49	4.00
3.25 YES							
L0021244	0	0.12090E-06	496224.3	3754697.8	746.1	3.49	4.00
3.25 YES							
L0021245	0	0.12090E-06	496231.6	3754693.3	745.1	3.49	4.00
3.25 YES							
L0021246	0	0.12090E-06	496238.9	3754688.8	744.0	3.49	4.00
3.25 YES							
L0021247	0	0.12090E-06	496246.3	3754684.3	743.0	3.49	4.00
3.25 YES							
L0021248	0	0.12090E-06	496253.6	3754679.9	742.0	3.49	4.00
3.25 YES							
L0021249	0	0.12090E-06	496260.9	3754675.4	740.9	3.49	4.00
3.25 YES							
L0021250	0	0.12090E-06	496268.2	3754670.9	739.9	3.49	4.00
3.25 YES							
L0021251	0	0.12090E-06	496275.6	3754666.4	738.9	3.49	4.00
3.25 YES							
L0021252	0	0.12090E-06	496282.9	3754661.9	737.8	3.49	4.00
3.25 YES							
L0021253	0	0.12090E-06	496290.2	3754657.4	736.8	3.49	4.00
3.25 YES							

L0021254	0	0.12090E-06	496297.5	3754652.9	735.8	3.49	4.00
3.25	YES						
L0021255	0	0.12090E-06	496304.9	3754648.4	734.7	3.49	4.00
3.25	YES						
L0021256	0	0.12090E-06	496312.2	3754644.0	733.7	3.49	4.00
3.25	YES						
L0021257	0	0.12090E-06	496319.5	3754639.5	732.7	3.49	4.00
3.25	YES						
L0021258	0	0.12090E-06	496326.4	3754634.3	734.4	3.49	4.00
3.25	YES						
L0021259	0	0.12090E-06	496333.2	3754629.1	736.3	3.49	4.00
3.25	YES						
L0021260	0	0.12090E-06	496340.0	3754623.9	738.2	3.49	4.00
3.25	YES						
L0021261	0	0.12090E-06	496346.9	3754618.7	740.1	3.49	4.00
3.25	YES						
L0021262	0	0.12090E-06	496353.7	3754613.5	742.0	3.49	4.00
3.25	YES						
L0021263	0	0.12090E-06	496360.5	3754608.3	743.9	3.49	4.00
3.25	YES						
L0021264	0	0.12090E-06	496367.4	3754603.0	745.8	3.49	4.00
3.25	YES						
L0021265	0	0.12090E-06	496374.2	3754597.8	747.7	3.49	4.00
3.25	YES						

↑ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021266	0	0.12090E-06	496381.0	3754592.6	749.6	3.49	4.00
3.25	YES						
L0021267	0	0.12090E-06	496387.9	3754587.4	751.5	3.49	4.00
3.25	YES						
L0021268	0	0.12090E-06	496394.7	3754582.2	753.4	3.49	4.00
3.25	YES						

L0021269	0	0.12090E-06	496401.5	3754577.0	755.3	3.49	4.00
3.25	YES						
L0021270	0	0.12090E-06	496408.2	3754571.6	756.3	3.49	4.00
3.25	YES						
L0021271	0	0.12090E-06	496414.8	3754566.1	757.3	3.49	4.00
3.25	YES						
L0021272	0	0.12090E-06	496421.5	3754560.7	758.3	3.49	4.00
3.25	YES						
L0021273	0	0.12090E-06	496424.9	3754553.1	756.6	3.49	4.00
3.25	YES						
L0021274	0	0.12090E-06	496427.7	3754544.9	754.2	3.49	4.00
3.25	YES						
L0021275	0	0.12090E-06	496430.4	3754536.8	751.8	3.49	4.00
3.25	YES						
L0021276	0	0.12090E-06	496433.1	3754528.6	749.5	3.49	4.00
3.25	YES						
L0021277	0	0.12090E-06	496435.8	3754520.5	747.1	3.49	4.00
3.25	YES						
L0021278	0	0.12090E-06	496438.5	3754512.3	744.7	3.49	4.00
3.25	YES						
L0021279	0	0.24760E-06	494140.8	3755815.9	721.3	3.49	4.00
3.25	YES						
L0021280	0	0.24760E-06	494147.2	3755810.2	720.4	3.49	4.00
3.25	YES						
L0021281	0	0.24760E-06	494153.6	3755804.5	719.5	3.49	4.00
3.25	YES						
L0021282	0	0.24760E-06	494160.0	3755798.8	718.6	3.49	4.00
3.25	YES						
L0021283	0	0.24760E-06	494166.4	3755793.0	717.8	3.49	4.00
3.25	YES						
L0021284	0	0.24760E-06	494172.8	3755787.3	716.9	3.49	4.00
3.25	YES						
L0021285	0	0.24760E-06	494179.1	3755781.5	716.0	3.49	4.00
3.25	YES						
L0021286	0	0.24760E-06	494185.8	3755776.2	715.3	3.49	4.00
3.25	YES						
L0021287	0	0.24760E-06	494193.5	3755772.3	715.3	3.49	4.00
3.25	YES						
L0021288	0	0.24760E-06	494201.2	3755768.5	715.3	3.49	4.00
3.25	YES						
L0021289	0	0.24760E-06	494208.9	3755764.7	715.4	3.49	4.00
3.25	YES						
L0021290	0	0.24760E-06	494216.6	3755760.9	715.4	3.49	4.00
3.25	YES						
L0021291	0	0.24760E-06	494224.3	3755757.1	715.4	3.49	4.00
3.25	YES						
L0021292	0	0.24760E-06	494232.0	3755753.3	715.5	3.49	4.00
3.25	YES						
L0021293	0	0.24760E-06	494239.7	3755749.5	715.5	3.49	4.00
3.25	YES						

L0021294	0	0.24760E-06	494247.4	3755745.7	715.5	3.49	4.00
3.25	YES						
L0021295	0	0.24760E-06	494255.1	3755741.9	715.6	3.49	4.00
3.25	YES						
L0021296	0	0.24760E-06	494262.8	3755738.1	715.6	3.49	4.00
3.25	YES						
L0021297	0	0.24760E-06	494270.5	3755734.2	715.6	3.49	4.00
3.25	YES						
L0021298	0	0.24760E-06	494278.2	3755730.4	715.7	3.49	4.00
3.25	YES						
L0021299	0	0.24760E-06	494285.9	3755726.6	715.7	3.49	4.00
3.25	YES						
L0021300	0	0.24760E-06	494293.6	3755722.8	715.7	3.49	4.00
3.25	YES						
L0021301	0	0.24760E-06	494301.3	3755719.0	715.8	3.49	4.00
3.25	YES						
L0021302	0	0.24760E-06	494309.0	3755715.2	715.8	3.49	4.00
3.25	YES						
L0021303	0	0.24760E-06	494316.7	3755711.4	715.8	3.49	4.00
3.25	YES						
L0021304	0	0.24760E-06	494324.4	3755707.6	715.9	3.49	4.00
3.25	YES						
L0021305	0	0.24760E-06	494332.1	3755703.8	715.9	3.49	4.00
3.25	YES						

*** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021306	0	0.24760E-06	494339.8	3755700.0	715.9	3.49	4.00
3.25	YES						
L0021307	0	0.24760E-06	494347.4	3755696.1	716.0	3.49	4.00
3.25	YES						
L0021308	0	0.24760E-06	494355.1	3755692.3	716.0	3.49	4.00
3.25	YES						

L0021309	0	0.24760E-06	494362.8	3755688.5	716.0	3.49	4.00
3.25 YES							
L0021310	0	0.24760E-06	494370.5	3755684.7	716.1	3.49	4.00
3.25 YES							
L0021311	0	0.24760E-06	494378.2	3755680.9	716.1	3.49	4.00
3.25 YES							
L0021312	0	0.24760E-06	494385.9	3755677.1	716.1	3.49	4.00
3.25 YES							
L0021313	0	0.24760E-06	494393.6	3755673.3	716.2	3.49	4.00
3.25 YES							
L0021314	0	0.24760E-06	494401.3	3755669.5	716.2	3.49	4.00
3.25 YES							
L0021315	0	0.24760E-06	494409.0	3755665.7	716.2	3.49	4.00
3.25 YES							
L0021316	0	0.24760E-06	494416.7	3755661.9	716.2	3.49	4.00
3.25 YES							
L0021317	0	0.24760E-06	494424.4	3755658.0	716.3	3.49	4.00
3.25 YES							
L0021318	0	0.24760E-06	494432.1	3755654.2	716.3	3.49	4.00
3.25 YES							
L0021319	0	0.24760E-06	494439.8	3755650.4	716.3	3.49	4.00
3.25 YES							
L0021320	0	0.24760E-06	494447.5	3755646.6	716.4	3.49	4.00
3.25 YES							
L0021321	0	0.24760E-06	494455.2	3755642.8	716.4	3.49	4.00
3.25 YES							
L0021322	0	0.24760E-06	494463.0	3755639.2	716.9	3.49	4.00
3.25 YES							
L0021323	0	0.24760E-06	494470.9	3755635.7	717.5	3.49	4.00
3.25 YES							
L0021324	0	0.24760E-06	494478.7	3755632.2	718.0	3.49	4.00
3.25 YES							
L0021325	0	0.24760E-06	494486.5	3755628.6	718.6	3.49	4.00
3.25 YES							
L0021326	0	0.24760E-06	494494.4	3755625.1	719.1	3.49	4.00
3.25 YES							
L0021327	0	0.24760E-06	494502.2	3755621.6	719.7	3.49	4.00
3.25 YES							
L0021328	0	0.24760E-06	494510.0	3755618.0	720.2	3.49	4.00
3.25 YES							
L0021329	0	0.24760E-06	494517.9	3755614.5	720.8	3.49	4.00
3.25 YES							
L0021330	0	0.24760E-06	494525.7	3755611.0	721.3	3.49	4.00
3.25 YES							
L0021331	0	0.24760E-06	494533.5	3755607.4	721.9	3.49	4.00
3.25 YES							
L0021332	0	0.24760E-06	494541.3	3755603.9	722.4	3.49	4.00
3.25 YES							
L0021333	0	0.24760E-06	494549.2	3755600.4	722.9	3.49	4.00
3.25 YES							

L0021334	0	0.24760E-06	494557.0	3755596.8	723.5	3.49	4.00
3.25	YES						
L0021335	0	0.24760E-06	494564.8	3755593.3	724.0	3.49	4.00
3.25	YES						
L0021336	0	0.24760E-06	494572.7	3755589.8	724.6	3.49	4.00
3.25	YES						
L0021337	0	0.24760E-06	494580.5	3755586.3	725.1	3.49	4.00
3.25	YES						
L0021338	0	0.24760E-06	494588.3	3755582.7	725.7	3.49	4.00
3.25	YES						
L0021339	0	0.24760E-06	494596.2	3755579.2	726.2	3.49	4.00
3.25	YES						
L0021340	0	0.24760E-06	494604.0	3755575.7	726.8	3.49	4.00
3.25	YES						
L0021341	0	0.24760E-06	494611.8	3755572.1	727.3	3.49	4.00
3.25	YES						
L0021342	0	0.24760E-06	494619.6	3755568.6	727.9	3.49	4.00
3.25	YES						
L0021343	0	0.24760E-06	494628.0	3755566.7	729.8	3.49	4.00
3.25	YES						
L0021344	0	0.24760E-06	494636.4	3755565.2	732.1	3.49	4.00
3.25	YES						
L0021345	0	0.24760E-06	494644.9	3755563.6	734.4	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021346	0	0.24760E-06	494653.3	3755562.1	736.7	3.49	4.00
3.25	YES						
L0021347	0	0.24760E-06	494661.8	3755560.6	739.0	3.49	4.00
3.25	YES						
L0021348	0	0.24760E-06	494670.3	3755559.1	741.3	3.49	4.00
3.25	YES						

L0021349	0	0.24760E-06	494678.7	3755557.6	743.6	3.49	4.00
3.25	YES						
L0021350	0	0.24760E-06	494687.2	3755556.0	745.9	3.49	4.00
3.25	YES						
L0021351	0	0.24760E-06	494695.6	3755554.5	748.2	3.49	4.00
3.25	YES						
L0021352	0	0.24760E-06	494704.1	3755553.0	750.5	3.49	4.00
3.25	YES						
L0021353	0	0.24760E-06	494712.5	3755551.5	752.8	3.49	4.00
3.25	YES						
L0021354	0	0.24760E-06	494720.1	3755547.5	752.4	3.49	4.00
3.25	YES						
L0021355	0	0.24760E-06	494727.7	3755543.4	751.9	3.49	4.00
3.25	YES						
L0021356	0	0.24760E-06	494735.2	3755539.3	751.5	3.49	4.00
3.25	YES						
L0021357	0	0.24760E-06	494742.8	3755535.2	751.0	3.49	4.00
3.25	YES						
L0021358	0	0.24760E-06	494750.3	3755531.1	750.6	3.49	4.00
3.25	YES						
L0021359	0	0.24760E-06	494757.8	3755527.0	750.1	3.49	4.00
3.25	YES						
L0021360	0	0.24760E-06	494765.4	3755522.9	749.7	3.49	4.00
3.25	YES						
L0021361	0	0.24760E-06	494772.9	3755518.8	749.2	3.49	4.00
3.25	YES						
L0021362	0	0.24760E-06	494780.5	3755514.7	748.8	3.49	4.00
3.25	YES						
L0021363	0	0.24760E-06	494788.0	3755510.6	748.3	3.49	4.00
3.25	YES						
L0021364	0	0.24760E-06	494795.6	3755506.5	747.9	3.49	4.00
3.25	YES						
L0021365	0	0.24760E-06	494803.1	3755502.4	747.4	3.49	4.00
3.25	YES						
L0021366	0	0.24760E-06	494810.7	3755498.3	747.0	3.49	4.00
3.25	YES						
L0021367	0	0.24760E-06	494818.2	3755494.2	746.5	3.49	4.00
3.25	YES						
L0021368	0	0.24760E-06	494825.8	3755490.1	746.0	3.49	4.00
3.25	YES						
L0021369	0	0.24760E-06	494833.3	3755486.0	745.6	3.49	4.00
3.25	YES						
L0021370	0	0.24760E-06	494840.9	3755481.9	745.1	3.49	4.00
3.25	YES						
L0021371	0	0.24760E-06	494848.4	3755477.8	744.7	3.49	4.00
3.25	YES						
L0021372	0	0.24760E-06	494856.0	3755473.7	744.2	3.49	4.00
3.25	YES						
L0021373	0	0.24760E-06	494863.5	3755469.6	743.8	3.49	4.00
3.25	YES						

L0021374	0	0.24760E-06	494871.1	3755465.5	743.3	3.49	4.00
3.25	YES						
L0021375	0	0.24760E-06	494878.6	3755461.4	742.9	3.49	4.00
3.25	YES						
L0021376	0	0.24760E-06	494886.2	3755457.3	742.4	3.49	4.00
3.25	YES						
L0021377	0	0.24760E-06	494893.7	3755453.2	742.0	3.49	4.00
3.25	YES						
L0021378	0	0.24760E-06	494901.3	3755449.1	741.5	3.49	4.00
3.25	YES						
L0021379	0	0.24760E-06	494908.8	3755445.0	741.1	3.49	4.00
3.25	YES						
L0021380	0	0.24760E-06	494916.4	3755440.9	740.6	3.49	4.00
3.25	YES						
L0021381	0	0.24760E-06	494923.9	3755436.8	740.2	3.49	4.00
3.25	YES						
L0021382	0	0.24760E-06	494931.5	3755432.7	739.7	3.49	4.00
3.25	YES						
L0021383	0	0.24760E-06	494939.0	3755428.6	739.2	3.49	4.00
3.25	YES						
L0021384	0	0.24760E-06	494946.6	3755424.5	739.0	3.49	4.00
3.25	YES						
L0021385	0	0.24760E-06	494954.1	3755420.3	739.6	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021386	0	0.24760E-06	494961.6	3755416.2	740.2	3.49	4.00
3.25	YES						
L0021387	0	0.24760E-06	494969.1	3755412.0	740.8	3.49	4.00
3.25	YES						
L0021388	0	0.24760E-06	494976.6	3755407.9	741.3	3.49	4.00
3.25	YES						

L0021389	0	0.24760E-06	494984.2	3755403.7	741.9	3.49	4.00
3.25 YES							
L0021390	0	0.24760E-06	494991.7	3755399.6	742.5	3.49	4.00
3.25 YES							
L0021391	0	0.24760E-06	494999.2	3755395.4	743.1	3.49	4.00
3.25 YES							
L0021392	0	0.24760E-06	495006.7	3755391.3	743.6	3.49	4.00
3.25 YES							
L0021393	0	0.24760E-06	495014.2	3755387.1	744.2	3.49	4.00
3.25 YES							
L0021394	0	0.24760E-06	495021.8	3755383.0	744.8	3.49	4.00
3.25 YES							
L0021395	0	0.24760E-06	495029.3	3755378.8	745.4	3.49	4.00
3.25 YES							
L0021396	0	0.24760E-06	495035.9	3755373.8	744.1	3.49	4.00
3.25 YES							
L0021397	0	0.24760E-06	495040.2	3755366.3	737.9	3.49	4.00
3.25 YES							
L0021398	0	0.24760E-06	495044.4	3755358.8	731.8	3.49	4.00
3.25 YES							
L0021399	0	0.24760E-06	495048.7	3755351.4	725.6	3.49	4.00
3.25 YES							
L0021400	0	0.24760E-06	495052.9	3755343.9	719.4	3.49	4.00
3.25 YES							
L0021401	0	0.24760E-06	495056.2	3755336.0	721.1	3.49	4.00
3.25 YES							
L0021402	0	0.24760E-06	495059.3	3755328.0	723.6	3.49	4.00
3.25 YES							
L0021403	0	0.24760E-06	495062.4	3755320.0	726.1	3.49	4.00
3.25 YES							
L0021404	0	0.24760E-06	495065.5	3755311.9	728.6	3.49	4.00
3.25 YES							
L0021405	0	0.24760E-06	495068.6	3755303.9	731.1	3.49	4.00
3.25 YES							
L0021406	0	0.24760E-06	495071.7	3755295.9	733.6	3.49	4.00
3.25 YES							
L0021407	0	0.24760E-06	495074.9	3755287.9	736.2	3.49	4.00
3.25 YES							
L0021408	0	0.24760E-06	495078.0	3755279.9	738.7	3.49	4.00
3.25 YES							
L0021409	0	0.24760E-06	495081.1	3755271.9	741.2	3.49	4.00
3.25 YES							
L0021410	0	0.24760E-06	495084.2	3755263.9	743.7	3.49	4.00
3.25 YES							
L0021411	0	0.24760E-06	495087.3	3755255.9	746.2	3.49	4.00
3.25 YES							
L0021412	0	0.24760E-06	495090.4	3755247.9	748.7	3.49	4.00
3.25 YES							
L0021413	0	0.24760E-06	495093.6	3755239.9	751.2	3.49	4.00
3.25 YES							

L0021414	0	0.24760E-06	495100.3	3755234.6	749.6	3.49	4.00
3.25 YES							
L0021415	0	0.24760E-06	495107.1	3755229.4	747.8	3.49	4.00
3.25 YES							
L0021416	0	0.24760E-06	495114.0	3755224.2	746.0	3.49	4.00
3.25 YES							
L0021417	0	0.24760E-06	495120.8	3755219.0	744.3	3.49	4.00
3.25 YES							
L0021418	0	0.24760E-06	495127.6	3755213.8	742.5	3.49	4.00
3.25 YES							
L0021419	0	0.24760E-06	495134.5	3755208.6	740.8	3.49	4.00
3.25 YES							
L0021420	0	0.24760E-06	495142.0	3755204.4	739.5	3.49	4.00
3.25 YES							
L0021421	0	0.24760E-06	495149.4	3755200.1	738.2	3.49	4.00
3.25 YES							
L0021422	0	0.24760E-06	495156.9	3755195.9	736.9	3.49	4.00
3.25 YES							
L0021423	0	0.24760E-06	495164.4	3755191.7	735.6	3.49	4.00
3.25 YES							
L0021424	0	0.24760E-06	495171.8	3755187.4	734.3	3.49	4.00
3.25 YES							
L0021425	0	0.24760E-06	495179.3	3755183.2	733.0	3.49	4.00
3.25 YES							

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*** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC *** 08/05/22
*** AERMET - VERSION 16216 *** ***
*** 17:47:21

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021426	0	0.24760E-06	495186.8	3755178.9	731.7	3.49	4.00
3.25 YES							
L0021427	0	0.24760E-06	495194.3	3755174.7	730.4	3.49	4.00
3.25 YES							
L0021428	0	0.24760E-06	495201.7	3755170.5	729.1	3.49	4.00
3.25 YES							

L0021429	0	0.24760E-06	495209.1	3755166.1	729.1	3.49	4.00
3.25 YES							
L0021430	0	0.24760E-06	495216.4	3755161.6	731.0	3.49	4.00
3.25 YES							
L0021431	0	0.24760E-06	495223.7	3755157.1	733.0	3.49	4.00
3.25 YES							
L0021432	0	0.24760E-06	495231.1	3755152.6	734.9	3.49	4.00
3.25 YES							
L0021433	0	0.24760E-06	495238.4	3755148.1	736.8	3.49	4.00
3.25 YES							
L0021434	0	0.24760E-06	495245.7	3755143.5	738.8	3.49	4.00
3.25 YES							
L0021435	0	0.24760E-06	495253.0	3755139.0	740.7	3.49	4.00
3.25 YES							
L0021436	0	0.24760E-06	495260.3	3755134.5	742.6	3.49	4.00
3.25 YES							
L0021437	0	0.24760E-06	495267.6	3755130.0	744.5	3.49	4.00
3.25 YES							
L0021438	0	0.24760E-06	495275.2	3755126.1	746.1	3.49	4.00
3.25 YES							
L0021439	0	0.24760E-06	495283.3	3755123.4	746.9	3.49	4.00
3.25 YES							
L0021440	0	0.24760E-06	495291.5	3755120.7	747.6	3.49	4.00
3.25 YES							
L0021441	0	0.24760E-06	495299.6	3755118.0	748.4	3.49	4.00
3.25 YES							
L0021442	0	0.24760E-06	495307.8	3755115.2	749.2	3.49	4.00
3.25 YES							
L0021443	0	0.24760E-06	495315.9	3755112.5	749.9	3.49	4.00
3.25 YES							
L0021444	0	0.24760E-06	495324.4	3755111.8	749.6	3.49	4.00
3.25 YES							
L0021445	0	0.24760E-06	495332.9	3755112.4	748.7	3.49	4.00
3.25 YES							
L0021446	0	0.24760E-06	495341.5	3755112.9	747.7	3.49	4.00
3.25 YES							
L0021447	0	0.24760E-06	495350.1	3755113.4	746.7	3.49	4.00
3.25 YES							
L0021448	0	0.24760E-06	495358.6	3755114.7	741.8	3.49	4.00
3.25 YES							
L0021449	0	0.24760E-06	495367.1	3755114.9	737.9	3.49	4.00
3.25 YES							
L0021450	0	0.24760E-06	495375.6	3755113.7	735.6	3.49	4.00
3.25 YES							
L0021451	0	0.24760E-06	495384.1	3755112.6	733.3	3.49	4.00
3.25 YES							
L0021452	0	0.24760E-06	495392.6	3755111.4	731.0	3.49	4.00
3.25 YES							
L0021453	0	0.24760E-06	495401.1	3755110.2	728.7	3.49	4.00
3.25 YES							

L0021454	0	0.24760E-06	495409.6	3755109.1	726.4	3.49	4.00
3.25	YES						
L0021455	0	0.24760E-06	495418.1	3755107.9	724.1	3.49	4.00
3.25	YES						
L0021456	0	0.24760E-06	495426.3	3755105.2	722.2	3.49	4.00
3.25	YES						
L0021457	0	0.24760E-06	495434.3	3755102.1	720.4	3.49	4.00
3.25	YES						
L0021458	0	0.24760E-06	495442.3	3755099.0	718.7	3.49	4.00
3.25	YES						
L0021459	0	0.24760E-06	495450.3	3755095.9	716.9	3.49	4.00
3.25	YES						
L0021460	0	0.24760E-06	495458.3	3755092.8	715.2	3.49	4.00
3.25	YES						
L0021461	0	0.24760E-06	495466.3	3755089.6	713.4	3.49	4.00
3.25	YES						
L0021462	0	0.24760E-06	495474.3	3755086.5	711.6	3.49	4.00
3.25	YES						
L0021463	0	0.24760E-06	495482.3	3755083.4	709.9	3.49	4.00
3.25	YES						
L0021464	0	0.24760E-06	495490.3	3755080.3	708.2	3.49	4.00
3.25	YES						
L0021465	0	0.24760E-06	495498.1	3755076.8	708.5	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	ID	SCALAR	VARY			(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY					
				(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

L0021466	0	0.24760E-06	495506.0	3755073.3	708.7	3.49	4.00
3.25	YES						
L0021467	0	0.24760E-06	495513.8	3755069.7	709.0	3.49	4.00
3.25	YES						
L0021468	0	0.24760E-06	495521.7	3755066.2	709.2	3.49	4.00
3.25	YES						

L0021469	0	0.24760E-06	495529.5	3755062.7	709.5	3.49	4.00
3.25 YES							
L0021470	0	0.24760E-06	495537.3	3755059.2	709.7	3.49	4.00
3.25 YES							
L0021471	0	0.24760E-06	495545.2	3755055.7	710.0	3.49	4.00
3.25 YES							
L0021472	0	0.24760E-06	495553.0	3755052.2	710.2	3.49	4.00
3.25 YES							
L0021473	0	0.24760E-06	495560.9	3755048.7	710.5	3.49	4.00
3.25 YES							
L0021474	0	0.24760E-06	495568.7	3755045.2	710.7	3.49	4.00
3.25 YES							
L0021475	0	0.24760E-06	495576.5	3755041.6	711.0	3.49	4.00
3.25 YES							
L0021476	0	0.24760E-06	495584.4	3755038.1	711.2	3.49	4.00
3.25 YES							
L0021477	0	0.24760E-06	495592.2	3755034.6	711.5	3.49	4.00
3.25 YES							
L0021478	0	0.24760E-06	495600.0	3755031.1	711.7	3.49	4.00
3.25 YES							
L0021479	0	0.24760E-06	495607.9	3755027.6	712.0	3.49	4.00
3.25 YES							
L0021480	0	0.24760E-06	495615.7	3755024.1	712.2	3.49	4.00
3.25 YES							
L0021481	0	0.24760E-06	495623.6	3755020.6	712.5	3.49	4.00
3.25 YES							
L0021482	0	0.24760E-06	495631.4	3755017.1	712.7	3.49	4.00
3.25 YES							
L0021483	0	0.24760E-06	495639.2	3755013.5	713.0	3.49	4.00
3.25 YES							
L0021484	0	0.24760E-06	495647.1	3755010.0	713.2	3.49	4.00
3.25 YES							
L0021485	0	0.24760E-06	495654.9	3755006.5	713.5	3.49	4.00
3.25 YES							
L0021486	0	0.24760E-06	495662.8	3755003.0	713.7	3.49	4.00
3.25 YES							
L0021487	0	0.24760E-06	495670.6	3754999.5	714.0	3.49	4.00
3.25 YES							
L0021488	0	0.24760E-06	495678.4	3754996.0	714.2	3.49	4.00
3.25 YES							
L0021489	0	0.24760E-06	495686.3	3754992.5	714.5	3.49	4.00
3.25 YES							
L0021490	0	0.24760E-06	495694.1	3754989.0	714.7	3.49	4.00
3.25 YES							
L0021491	0	0.24760E-06	495702.0	3754985.4	715.0	3.49	4.00
3.25 YES							
L0021492	0	0.24760E-06	495709.8	3754981.9	715.2	3.49	4.00
3.25 YES							
L0021493	0	0.24760E-06	495717.6	3754978.4	715.5	3.49	4.00
3.25 YES							

L0021494	0	0.24760E-06	495725.5	3754974.9	715.7	3.49	4.00
3.25	YES						
L0021495	0	0.24760E-06	495733.3	3754971.4	716.0	3.49	4.00
3.25	YES						
L0021496	0	0.24760E-06	495741.1	3754967.9	716.2	3.49	4.00
3.25	YES						
L0021497	0	0.24760E-06	495749.0	3754964.4	716.5	3.49	4.00
3.25	YES						
L0021498	0	0.24760E-06	495756.8	3754960.9	716.8	3.49	4.00
3.25	YES						
L0021499	0	0.24760E-06	495764.7	3754957.3	717.0	3.49	4.00
3.25	YES						
L0021500	0	0.24760E-06	495772.5	3754953.8	717.2	3.49	4.00
3.25	YES						
L0021501	0	0.24760E-06	495780.3	3754950.3	717.5	3.49	4.00
3.25	YES						
L0021502	0	0.24760E-06	495788.2	3754946.8	717.8	3.49	4.00
3.25	YES						
L0021503	0	0.24760E-06	495796.0	3754943.3	718.0	3.49	4.00
3.25	YES						
L0021504	0	0.24760E-06	495803.9	3754939.8	718.2	3.49	4.00
3.25	YES						
L0021505	0	0.24760E-06	495811.7	3754936.3	718.5	3.49	4.00
3.25	YES						

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021506	0	0.24760E-06	495819.5	3754932.8	718.8	3.49	4.00
3.25	YES						
L0021507	0	0.24760E-06	495827.4	3754929.2	719.0	3.49	4.00
3.25	YES						
L0021508	0	0.24760E-06	495835.2	3754925.7	719.3	3.49	4.00
3.25	YES						

L0021509	0	0.24760E-06	495843.1	3754922.2	719.5	3.49	4.00
3.25 YES							
L0021510	0	0.24760E-06	495850.7	3754918.3	719.9	3.49	4.00
3.25 YES							
L0021511	0	0.24760E-06	495858.2	3754914.2	720.4	3.49	4.00
3.25 YES							
L0021512	0	0.24760E-06	495865.8	3754910.1	720.8	3.49	4.00
3.25 YES							
L0021513	0	0.24760E-06	495873.3	3754906.0	721.3	3.49	4.00
3.25 YES							
L0021514	0	0.24760E-06	495880.9	3754901.8	721.8	3.49	4.00
3.25 YES							
L0021515	0	0.24760E-06	495888.4	3754897.7	722.2	3.49	4.00
3.25 YES							
L0021516	0	0.24760E-06	495895.9	3754893.6	722.7	3.49	4.00
3.25 YES							
L0021517	0	0.24760E-06	495903.5	3754889.5	723.1	3.49	4.00
3.25 YES							
L0021518	0	0.24760E-06	495911.0	3754885.4	723.6	3.49	4.00
3.25 YES							
L0021519	0	0.24760E-06	495918.6	3754881.3	724.1	3.49	4.00
3.25 YES							
L0021520	0	0.24760E-06	495926.1	3754877.2	724.5	3.49	4.00
3.25 YES							
L0021521	0	0.24760E-06	495933.6	3754873.1	725.0	3.49	4.00
3.25 YES							
L0021522	0	0.24760E-06	495941.2	3754868.9	725.5	3.49	4.00
3.25 YES							
L0021523	0	0.24760E-06	495948.7	3754864.8	725.9	3.49	4.00
3.25 YES							
L0021524	0	0.24760E-06	495956.3	3754860.7	726.4	3.49	4.00
3.25 YES							
L0021525	0	0.24760E-06	495963.8	3754856.6	726.9	3.49	4.00
3.25 YES							
L0021526	0	0.24760E-06	495971.4	3754852.5	727.3	3.49	4.00
3.25 YES							
L0021527	0	0.24760E-06	495978.8	3754848.1	728.4	3.49	4.00
3.25 YES							
L0021528	0	0.24760E-06	495986.1	3754843.6	729.8	3.49	4.00
3.25 YES							
L0021529	0	0.24760E-06	495993.4	3754839.2	731.1	3.49	4.00
3.25 YES							
L0021530	0	0.24760E-06	496000.7	3754834.7	732.5	3.49	4.00
3.25 YES							
L0021531	0	0.24760E-06	496008.1	3754830.2	733.8	3.49	4.00
3.25 YES							
L0021532	0	0.24760E-06	496015.4	3754825.7	735.2	3.49	4.00
3.25 YES							
L0021533	0	0.24760E-06	496022.7	3754821.2	736.6	3.49	4.00
3.25 YES							

L0021534	0	0.24760E-06	496030.0	3754816.8	737.9	3.49	4.00
3.25	YES						
L0021535	0	0.24760E-06	496037.4	3754812.3	739.3	3.49	4.00
3.25	YES						
L0021536	0	0.24760E-06	496044.7	3754807.8	740.6	3.49	4.00
3.25	YES						
L0021537	0	0.24760E-06	496052.0	3754803.3	742.0	3.49	4.00
3.25	YES						
L0021538	0	0.24760E-06	496059.4	3754798.8	743.4	3.49	4.00
3.25	YES						
L0021539	0	0.24760E-06	496066.7	3754794.3	744.7	3.49	4.00
3.25	YES						
L0021540	0	0.24760E-06	496074.0	3754789.9	746.1	3.49	4.00
3.25	YES						
L0021541	0	0.24760E-06	496081.3	3754785.4	747.4	3.49	4.00
3.25	YES						
L0021542	0	0.24760E-06	496088.7	3754780.9	748.8	3.49	4.00
3.25	YES						
L0021543	0	0.24760E-06	496096.0	3754776.4	750.2	3.49	4.00
3.25	YES						
L0021544	0	0.24760E-06	496103.3	3754771.9	751.5	3.49	4.00
3.25	YES						
L0021545	0	0.24760E-06	496110.6	3754767.4	752.9	3.49	4.00
3.25	YES						

*** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
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 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021546	0	0.24760E-06	496118.0	3754763.0	754.3	3.49	4.00
3.25	YES						
L0021547	0	0.24760E-06	496125.3	3754758.5	755.6	3.49	4.00
3.25	YES						
L0021548	0	0.24760E-06	496132.6	3754754.0	757.0	3.49	4.00
3.25	YES						

L0021549	0	0.24760E-06	496140.0	3754749.5	758.0	3.49	4.00
3.25	YES						
L0021550	0	0.24760E-06	496147.3	3754745.0	757.0	3.49	4.00
3.25	YES						
L0021551	0	0.24760E-06	496154.6	3754740.5	756.0	3.49	4.00
3.25	YES						
L0021552	0	0.24760E-06	496161.9	3754736.0	754.9	3.49	4.00
3.25	YES						
L0021553	0	0.24760E-06	496169.3	3754731.6	753.9	3.49	4.00
3.25	YES						
L0021554	0	0.24760E-06	496176.6	3754727.1	752.9	3.49	4.00
3.25	YES						
L0021555	0	0.24760E-06	496183.9	3754722.6	751.8	3.49	4.00
3.25	YES						
L0021556	0	0.24760E-06	496191.2	3754718.1	750.8	3.49	4.00
3.25	YES						
L0021557	0	0.24760E-06	496198.5	3754713.6	749.8	3.49	4.00
3.25	YES						
L0021558	0	0.24760E-06	496205.9	3754709.1	748.7	3.49	4.00
3.25	YES						
L0021559	0	0.24760E-06	496213.2	3754704.6	747.7	3.49	4.00
3.25	YES						
L0021560	0	0.24760E-06	496220.5	3754700.1	746.6	3.49	4.00
3.25	YES						
L0021561	0	0.24760E-06	496227.8	3754695.6	745.6	3.49	4.00
3.25	YES						
L0021562	0	0.24760E-06	496235.2	3754691.2	744.6	3.49	4.00
3.25	YES						
L0021563	0	0.24760E-06	496242.5	3754686.7	743.5	3.49	4.00
3.25	YES						
L0021564	0	0.24760E-06	496249.8	3754682.2	742.5	3.49	4.00
3.25	YES						
L0021565	0	0.24760E-06	496257.1	3754677.7	741.5	3.49	4.00
3.25	YES						
L0021566	0	0.24760E-06	496264.5	3754673.2	740.4	3.49	4.00
3.25	YES						
L0021567	0	0.24760E-06	496271.8	3754668.7	739.4	3.49	4.00
3.25	YES						
L0021568	0	0.24760E-06	496279.1	3754664.2	738.4	3.49	4.00
3.25	YES						
L0021569	0	0.24760E-06	496286.4	3754659.7	737.3	3.49	4.00
3.25	YES						
L0021570	0	0.24760E-06	496293.8	3754655.2	736.3	3.49	4.00
3.25	YES						
L0021571	0	0.24760E-06	496301.1	3754650.8	735.3	3.49	4.00
3.25	YES						
L0021572	0	0.24760E-06	496308.4	3754646.3	734.2	3.49	4.00
3.25	YES						
L0021573	0	0.24760E-06	496315.7	3754641.8	733.2	3.49	4.00
3.25	YES						

L0021574	0	0.24760E-06	496322.8	3754637.0	733.5	3.49	4.00
3.25	YES						
L0021575	0	0.24760E-06	496329.7	3754631.8	735.4	3.49	4.00
3.25	YES						
L0021576	0	0.24760E-06	496336.5	3754626.6	737.3	3.49	4.00
3.25	YES						
L0021577	0	0.24760E-06	496343.3	3754621.3	739.2	3.49	4.00
3.25	YES						
L0021578	0	0.24760E-06	496350.2	3754616.1	741.0	3.49	4.00
3.25	YES						
L0021579	0	0.24760E-06	496357.0	3754610.9	742.9	3.49	4.00
3.25	YES						
L0021580	0	0.24760E-06	496363.8	3754605.7	744.8	3.49	4.00
3.25	YES						
L0021581	0	0.24760E-06	496370.7	3754600.5	746.7	3.49	4.00
3.25	YES						
L0021582	0	0.24760E-06	496377.5	3754595.3	748.6	3.49	4.00
3.25	YES						
L0021583	0	0.24760E-06	496384.3	3754590.1	750.5	3.49	4.00
3.25	YES						
L0021584	0	0.24760E-06	496391.2	3754584.9	752.4	3.49	4.00
3.25	YES						
L0021585	0	0.24760E-06	496398.0	3754579.7	754.3	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021586	0	0.24760E-06	496404.7	3754574.4	755.8	3.49	4.00
3.25	YES						
L0021587	0	0.24760E-06	496411.4	3754568.9	756.8	3.49	4.00
3.25	YES						
L0021588	0	0.24760E-06	496418.0	3754563.5	757.8	3.49	4.00
3.25	YES						

L0021589	0	0.24760E-06	496423.5	3754557.3	757.8	3.49	4.00
3.25	YES						
L0021590	0	0.24760E-06	496426.3	3754549.1	755.4	3.49	4.00
3.25	YES						
L0021591	0	0.24760E-06	496429.0	3754541.0	753.1	3.49	4.00
3.25	YES						
L0021592	0	0.24760E-06	496431.7	3754532.8	750.7	3.49	4.00
3.25	YES						
L0021593	0	0.24760E-06	496434.4	3754524.7	748.3	3.49	4.00
3.25	YES						
L0021594	0	0.24760E-06	496437.1	3754516.5	745.9	3.49	4.00
3.25	YES						
L0021595	0	0.24760E-06	496439.8	3754508.4	743.5	3.49	4.00
3.25	YES						
L0021596	0	0.10210E-05	496436.4	3754493.2	741.0	3.49	4.00
3.25	YES						
L0021597	0	0.10210E-05	496438.5	3754484.9	740.7	3.49	4.00
3.25	YES						
L0021598	0	0.10210E-05	496440.6	3754476.6	740.3	3.49	4.00
3.25	YES						
L0021599	0	0.10210E-05	496442.7	3754468.2	740.0	3.49	4.00
3.25	YES						
L0021600	0	0.10210E-05	496444.8	3754459.9	739.6	3.49	4.00
3.25	YES						
L0021601	0	0.10210E-05	496446.9	3754451.6	739.3	3.49	4.00
3.25	YES						
L0021602	0	0.10210E-05	496450.6	3754443.9	740.1	3.49	4.00
3.25	YES						
L0021603	0	0.10210E-05	496455.0	3754436.5	741.2	3.49	4.00
3.25	YES						
L0021604	0	0.10210E-05	496459.4	3754429.1	742.4	3.49	4.00
3.25	YES						
L0021605	0	0.10210E-05	496463.7	3754421.7	743.5	3.49	4.00
3.25	YES						
L0021606	0	0.10210E-05	496468.1	3754414.3	744.7	3.49	4.00
3.25	YES						
L0021607	0	0.10210E-05	496472.5	3754406.9	745.8	3.49	4.00
3.25	YES						
L0021608	0	0.10210E-05	496476.8	3754399.5	747.0	3.49	4.00
3.25	YES						
L0021609	0	0.10210E-05	496481.2	3754392.1	748.2	3.49	4.00
3.25	YES						
L0021610	0	0.10210E-05	496485.5	3754384.7	749.3	3.49	4.00
3.25	YES						
L0021611	0	0.10210E-05	496489.9	3754377.3	750.5	3.49	4.00
3.25	YES						
L0021612	0	0.10210E-05	496494.9	3754370.5	751.6	3.49	4.00
3.25	YES						
L0021613	0	0.10210E-05	496502.2	3754366.0	752.8	3.49	4.00
3.25	YES						

L0021614	0	0.10210E-05	496509.5	3754361.4	753.9	3.49	4.00
3.25 YES							
L0021615	0	0.10210E-05	496516.8	3754356.9	755.0	3.49	4.00
3.25 YES							
L0021616	0	0.10210E-05	496524.0	3754352.3	756.2	3.49	4.00
3.25 YES							
L0021617	0	0.10210E-05	496531.3	3754347.8	757.3	3.49	4.00
3.25 YES							
L0021618	0	0.10210E-05	496538.6	3754343.2	758.5	3.49	4.00
3.25 YES							
L0021619	0	0.10210E-05	496545.9	3754338.7	759.6	3.49	4.00
3.25 YES							
L0021620	0	0.10210E-05	496553.2	3754334.1	760.8	3.49	4.00
3.25 YES							
L0021621	0	0.10210E-05	496561.0	3754331.0	760.6	3.49	4.00
3.25 YES							
L0021622	0	0.10210E-05	496569.5	3754329.9	758.8	3.49	4.00
3.25 YES							
L0021623	0	0.10210E-05	496578.0	3754328.8	756.9	3.49	4.00
3.25 YES							
L0021624	0	0.10210E-05	496586.5	3754327.6	755.1	3.49	4.00
3.25 YES							
L0021625	0	0.10210E-05	496595.0	3754326.5	753.2	3.49	4.00
3.25 YES							

*** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021626	0	0.10210E-05	496603.6	3754325.3	751.4	3.49	4.00
3.25 YES							
L0021627	0	0.10210E-05	496612.1	3754324.2	749.5	3.49	4.00
3.25 YES							
L0021628	0	0.10210E-05	496620.6	3754323.0	747.7	3.49	4.00
3.25 YES							

L0021629	0	0.10210E-05	496629.1	3754321.9	745.9	3.49	4.00
3.25 YES							
L0021630	0	0.10210E-05	496637.6	3754320.7	744.0	3.49	4.00
3.25 YES							
L0021631	0	0.10210E-05	496646.1	3754319.6	742.2	3.49	4.00
3.25 YES							
L0021632	0	0.10210E-05	496654.6	3754318.4	740.3	3.49	4.00
3.25 YES							
L0021633	0	0.10210E-05	496663.2	3754317.7	738.6	3.49	4.00
3.25 YES							
L0021634	0	0.10210E-05	496671.7	3754318.1	737.4	3.49	4.00
3.25 YES							
L0021635	0	0.10210E-05	496680.3	3754318.6	736.1	3.49	4.00
3.25 YES							
L0021636	0	0.10210E-05	496688.9	3754319.1	734.9	3.49	4.00
3.25 YES							
L0021637	0	0.10210E-05	496697.5	3754319.6	733.6	3.49	4.00
3.25 YES							
L0021638	0	0.10210E-05	496706.0	3754320.1	732.3	3.49	4.00
3.25 YES							
L0021639	0	0.10210E-05	496714.6	3754320.5	731.1	3.49	4.00
3.25 YES							
L0021640	0	0.10210E-05	496723.2	3754321.0	729.8	3.49	4.00
3.25 YES							
L0021641	0	0.10210E-05	496731.8	3754321.5	728.6	3.49	4.00
3.25 YES							
L0021642	0	0.10210E-05	496740.3	3754320.8	728.9	3.49	4.00
3.25 YES							
L0021643	0	0.10210E-05	496748.9	3754319.9	729.4	3.49	4.00
3.25 YES							
L0021644	0	0.10210E-05	496757.4	3754319.0	730.0	3.49	4.00
3.25 YES							
L0021645	0	0.10210E-05	496766.0	3754318.2	730.5	3.49	4.00
3.25 YES							
L0021646	0	0.10210E-05	496774.5	3754317.3	731.1	3.49	4.00
3.25 YES							
L0021647	0	0.10210E-05	496783.0	3754316.4	731.7	3.49	4.00
3.25 YES							
L0021648	0	0.10210E-05	496791.6	3754315.4	732.3	3.49	4.00
3.25 YES							
L0021649	0	0.10210E-05	496799.9	3754313.2	734.5	3.49	4.00
3.25 YES							
L0021650	0	0.10210E-05	496808.2	3754311.1	736.7	3.49	4.00
3.25 YES							
L0021651	0	0.10210E-05	496816.5	3754308.9	738.8	3.49	4.00
3.25 YES							
L0021652	0	0.10210E-05	496824.8	3754306.7	741.0	3.49	4.00
3.25 YES							
L0021653	0	0.10210E-05	496833.1	3754304.5	743.2	3.49	4.00
3.25 YES							

L0021654	0	0.10210E-05	496841.4	3754302.3	745.4	3.49	4.00
3.25 YES							
L0021655	0	0.10210E-05	496849.7	3754300.1	747.6	3.49	4.00
3.25 YES							
L0021656	0	0.10210E-05	496858.0	3754297.9	749.7	3.49	4.00
3.25 YES							
L0021657	0	0.10210E-05	496866.3	3754295.8	751.9	3.49	4.00
3.25 YES							
L0021658	0	0.10210E-05	496874.7	3754293.8	753.4	3.49	4.00
3.25 YES							
L0021659	0	0.10210E-05	496883.1	3754291.9	754.8	3.49	4.00
3.25 YES							
L0021660	0	0.10210E-05	496891.5	3754289.9	756.2	3.49	4.00
3.25 YES							
L0021661	0	0.10210E-05	496899.8	3754288.0	757.6	3.49	4.00
3.25 YES							
L0021662	0	0.10210E-05	496908.2	3754286.1	759.0	3.49	4.00
3.25 YES							
L0021663	0	0.10210E-05	496916.6	3754284.1	760.4	3.49	4.00
3.25 YES							
L0021664	0	0.10210E-05	496925.1	3754283.9	760.6	3.49	4.00
3.25 YES							
L0021665	0	0.10210E-05	496933.7	3754284.2	760.3	3.49	4.00
3.25 YES							

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021666	0	0.10210E-05	496942.2	3754284.6	760.1	3.49	4.00
3.25 YES							
L0021667	0	0.10210E-05	496950.8	3754285.0	759.8	3.49	4.00
3.25 YES							
L0021668	0	0.10210E-05	496959.4	3754285.4	759.5	3.49	4.00
3.25 YES							

L0021669	0	0.10210E-05	496968.0	3754285.8	759.3	3.49	4.00
3.25 YES							
L0021670	0	0.10210E-05	496976.6	3754286.2	759.0	3.49	4.00
3.25 YES							
L0021671	0	0.10210E-05	496985.2	3754286.5	758.8	3.49	4.00
3.25 YES							
L0021672	0	0.10210E-05	496993.7	3754286.9	758.5	3.49	4.00
3.25 YES							
L0021673	0	0.10210E-05	497002.3	3754287.3	758.3	3.49	4.00
3.25 YES							
L0021674	0	0.10210E-05	497010.9	3754287.7	758.0	3.49	4.00
3.25 YES							
L0021675	0	0.10210E-05	497019.5	3754288.1	757.8	3.49	4.00
3.25 YES							
L0021676	0	0.10210E-05	497028.1	3754288.5	757.5	3.49	4.00
3.25 YES							
L0021677	0	0.10210E-05	497036.6	3754288.8	757.2	3.49	4.00
3.25 YES							
L0021678	0	0.10210E-05	497045.2	3754289.2	757.0	3.49	4.00
3.25 YES							
L0021679	0	0.10210E-05	497053.8	3754289.6	756.7	3.49	4.00
3.25 YES							
L0021680	0	0.10210E-05	497062.4	3754290.0	756.5	3.49	4.00
3.25 YES							
L0021681	0	0.10210E-05	497071.0	3754290.4	756.2	3.49	4.00
3.25 YES							
L0021682	0	0.10210E-05	497079.5	3754290.8	756.0	3.49	4.00
3.25 YES							
L0021683	0	0.10210E-05	497088.1	3754291.1	755.7	3.49	4.00
3.25 YES							
L0021684	0	0.10210E-05	497096.7	3754291.5	755.4	3.49	4.00
3.25 YES							
L0021685	0	0.10210E-05	497105.3	3754291.9	755.2	3.49	4.00
3.25 YES							
L0021686	0	0.10210E-05	497113.9	3754292.3	754.9	3.49	4.00
3.25 YES							
L0021687	0	0.10210E-05	497122.5	3754292.7	754.7	3.49	4.00
3.25 YES							
L0021688	0	0.10210E-05	497131.0	3754293.1	754.4	3.49	4.00
3.25 YES							
L0021689	0	0.10210E-05	497139.6	3754293.4	754.2	3.49	4.00
3.25 YES							
L0021690	0	0.10210E-05	497148.2	3754293.8	753.9	3.49	4.00
3.25 YES							
L0021691	0	0.10210E-05	497156.8	3754294.2	753.7	3.49	4.00
3.25 YES							
L0021692	0	0.10210E-05	497165.4	3754294.6	753.4	3.49	4.00
3.25 YES							
L0021693	0	0.10210E-05	497173.9	3754295.0	753.1	3.49	4.00
3.25 YES							

L0021694	0	0.10210E-05	497182.5	3754295.4	752.9	3.49	4.00
3.25 YES							
L0021695	0	0.10210E-05	497191.1	3754295.7	752.6	3.49	4.00
3.25 YES							
L0021696	0	0.10210E-05	497199.7	3754296.1	752.4	3.49	4.00
3.25 YES							
L0021697	0	0.10210E-05	497208.3	3754296.5	752.1	3.49	4.00
3.25 YES							
L0021698	0	0.10210E-05	497216.9	3754296.9	751.9	3.49	4.00
3.25 YES							
L0021699	0	0.10210E-05	497225.4	3754297.3	751.6	3.49	4.00
3.25 YES							
L0021700	0	0.10210E-05	497234.0	3754297.7	751.3	3.49	4.00
3.25 YES							
L0021701	0	0.10210E-05	497242.6	3754298.0	751.1	3.49	4.00
3.25 YES							
L0021702	0	0.10210E-05	497251.2	3754298.4	750.8	3.49	4.00
3.25 YES							
L0021703	0	0.10210E-05	497259.8	3754298.8	750.6	3.49	4.00
3.25 YES							
L0021704	0	0.10210E-05	497268.3	3754299.2	750.3	3.49	4.00
3.25 YES							
L0021705	0	0.10210E-05	497276.9	3754299.6	750.1	3.49	4.00
3.25 YES							

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*** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***                               ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021706	0	0.10210E-05	497285.5	3754299.9	749.8	3.49	4.00
3.25 YES							
L0021707	0	0.10210E-05	497294.1	3754300.3	749.5	3.49	4.00
3.25 YES							
L0021708	0	0.10210E-05	497302.7	3754300.7	749.3	3.49	4.00
3.25 YES							

L0021709	0	0.10210E-05	497311.2	3754301.1	749.0	3.49	4.00
3.25	YES						
L0021710	0	0.10210E-05	497319.8	3754301.5	748.8	3.49	4.00
3.25	YES						
L0021711	0	0.10210E-05	497328.4	3754301.9	748.5	3.49	4.00
3.25	YES						
L0021712	0	0.10210E-05	497337.0	3754302.2	748.3	3.49	4.00
3.25	YES						
L0021713	0	0.10210E-05	497345.6	3754302.6	748.0	3.49	4.00
3.25	YES						
L0021714	0	0.10210E-05	497354.2	3754303.0	747.8	3.49	4.00
3.25	YES						
L0021715	0	0.10210E-05	497362.7	3754303.4	747.5	3.49	4.00
3.25	YES						
L0021716	0	0.10210E-05	497371.3	3754303.8	747.2	3.49	4.00
3.25	YES						
L0021717	0	0.10210E-05	497379.9	3754304.2	747.0	3.49	4.00
3.25	YES						
L0021718	0	0.10210E-05	497388.5	3754304.5	746.7	3.49	4.00
3.25	YES						
L0021719	0	0.10210E-05	497397.1	3754304.9	746.5	3.49	4.00
3.25	YES						
L0021720	0	0.10210E-05	497405.6	3754305.3	746.2	3.49	4.00
3.25	YES						
L0021721	0	0.10210E-05	497414.2	3754305.7	746.0	3.49	4.00
3.25	YES						
L0021722	0	0.10210E-05	497422.8	3754306.1	745.7	3.49	4.00
3.25	YES						
L0021723	0	0.10210E-05	497431.4	3754306.5	745.4	3.49	4.00
3.25	YES						
L0021724	0	0.10210E-05	497440.0	3754306.8	745.2	3.49	4.00
3.25	YES						
L0021725	0	0.10210E-05	497448.5	3754307.2	744.9	3.49	4.00
3.25	YES						
L0021726	0	0.10210E-05	497457.1	3754307.6	744.7	3.49	4.00
3.25	YES						
L0021727	0	0.10210E-05	497465.7	3754308.0	744.4	3.49	4.00
3.25	YES						
L0021728	0	0.10210E-05	497474.3	3754308.4	744.2	3.49	4.00
3.25	YES						
L0021729	0	0.10210E-05	497482.9	3754308.8	743.9	3.49	4.00
3.25	YES						
L0021730	0	0.10210E-05	497491.5	3754309.1	743.7	3.49	4.00
3.25	YES						
L0021731	0	0.10210E-05	497500.0	3754309.5	743.4	3.49	4.00
3.25	YES						
L0021732	0	0.10210E-05	497508.6	3754309.9	743.1	3.49	4.00
3.25	YES						
L0021733	0	0.10210E-05	497517.2	3754310.3	742.9	3.49	4.00
3.25	YES						

L0021734	0	0.10210E-05	497525.8	3754310.7	742.6	3.49	4.00
3.25	YES						
L0021735	0	0.10210E-05	497534.4	3754311.1	742.4	3.49	4.00
3.25	YES						
L0021736	0	0.10210E-05	497542.9	3754311.4	742.1	3.49	4.00
3.25	YES						
L0021737	0	0.10210E-05	497551.5	3754311.8	741.9	3.49	4.00
3.25	YES						
L0021738	0	0.10210E-05	497560.1	3754312.2	741.6	3.49	4.00
3.25	YES						
L0021739	0	0.10210E-05	497568.7	3754312.6	741.3	3.49	4.00
3.25	YES						
L0021740	0	0.10210E-05	497577.3	3754313.0	741.1	3.49	4.00
3.25	YES						
L0021741	0	0.10210E-05	497585.9	3754313.3	740.7	3.49	4.00
3.25	YES						
L0021742	0	0.10210E-05	497594.4	3754313.6	740.4	3.49	4.00
3.25	YES						
L0021743	0	0.10210E-05	497603.0	3754314.0	740.0	3.49	4.00
3.25	YES						
L0021744	0	0.10210E-05	497611.6	3754314.3	739.6	3.49	4.00
3.25	YES						
L0021745	0	0.10210E-05	497620.2	3754314.6	739.3	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021746	0	0.10210E-05	497628.8	3754314.9	738.9	3.49	4.00
3.25	YES						
L0021747	0	0.10210E-05	497637.4	3754315.3	738.5	3.49	4.00
3.25	YES						
L0021748	0	0.10210E-05	497645.9	3754315.6	738.2	3.49	4.00
3.25	YES						

L0021749	0	0.10210E-05	497654.5	3754315.9	737.8	3.49	4.00
3.25 YES							
L0021750	0	0.10210E-05	497663.1	3754316.2	737.4	3.49	4.00
3.25 YES							
L0021751	0	0.10210E-05	497671.7	3754316.6	737.1	3.49	4.00
3.25 YES							
L0021752	0	0.10210E-05	497680.3	3754316.9	736.7	3.49	4.00
3.25 YES							
L0021753	0	0.10210E-05	497688.9	3754317.2	736.3	3.49	4.00
3.25 YES							
L0021754	0	0.10210E-05	497697.4	3754317.5	736.0	3.49	4.00
3.25 YES							
L0021755	0	0.10210E-05	497706.0	3754317.9	735.6	3.49	4.00
3.25 YES							
L0021756	0	0.10210E-05	497714.6	3754318.2	735.2	3.49	4.00
3.25 YES							
L0021757	0	0.10210E-05	497723.2	3754318.5	734.9	3.49	4.00
3.25 YES							
L0021758	0	0.10210E-05	497731.8	3754318.8	734.5	3.49	4.00
3.25 YES							
L0021759	0	0.10210E-05	497740.4	3754319.2	734.2	3.49	4.00
3.25 YES							
L0021760	0	0.10210E-05	497748.9	3754319.5	733.8	3.49	4.00
3.25 YES							
L0021761	0	0.10210E-05	497757.5	3754319.8	733.4	3.49	4.00
3.25 YES							
L0021762	0	0.10210E-05	497766.1	3754320.1	733.1	3.49	4.00
3.25 YES							
L0021763	0	0.10210E-05	497774.7	3754320.5	732.7	3.49	4.00
3.25 YES							
L0021764	0	0.10210E-05	497783.3	3754320.8	732.3	3.49	4.00
3.25 YES							
L0021765	0	0.10210E-05	497791.9	3754321.1	732.0	3.49	4.00
3.25 YES							
L0021766	0	0.10210E-05	497800.5	3754321.5	731.6	3.49	4.00
3.25 YES							
L0021767	0	0.10210E-05	497809.0	3754321.8	731.2	3.49	4.00
3.25 YES							
L0021768	0	0.10210E-05	497817.6	3754322.1	730.9	3.49	4.00
3.25 YES							
L0021769	0	0.10210E-05	497826.2	3754322.4	730.5	3.49	4.00
3.25 YES							
L0021770	0	0.10210E-05	497834.8	3754322.8	730.1	3.49	4.00
3.25 YES							
L0021771	0	0.10210E-05	497843.4	3754323.1	729.8	3.49	4.00
3.25 YES							
L0021772	0	0.10210E-05	497852.0	3754323.4	729.4	3.49	4.00
3.25 YES							
L0021773	0	0.10210E-05	497860.5	3754323.7	729.0	3.49	4.00
3.25 YES							

L0021774	0	0.10210E-05	497869.1	3754324.1	728.7	3.49	4.00
3.25	YES						
L0021775	0	0.10210E-05	497877.7	3754324.4	728.3	3.49	4.00
3.25	YES						
L0021776	0	0.10210E-05	497886.3	3754324.7	727.9	3.49	4.00
3.25	YES						
L0021777	0	0.10210E-05	497894.9	3754325.0	727.6	3.49	4.00
3.25	YES						
L0021778	0	0.10210E-05	497903.5	3754325.4	727.2	3.49	4.00
3.25	YES						
L0021779	0	0.10210E-05	497912.0	3754325.7	726.8	3.49	4.00
3.25	YES						
L0021780	0	0.10210E-05	497920.6	3754326.0	726.5	3.49	4.00
3.25	YES						
L0021781	0	0.10210E-05	497929.2	3754326.3	726.1	3.49	4.00
3.25	YES						
L0021782	0	0.10210E-05	497937.8	3754326.7	725.8	3.49	4.00
3.25	YES						
L0021783	0	0.10210E-05	497946.4	3754327.0	725.4	3.49	4.00
3.25	YES						
L0021784	0	0.10210E-05	497955.0	3754327.3	725.0	3.49	4.00
3.25	YES						
L0021785	0	0.10210E-05	497963.5	3754327.6	724.6	3.49	4.00
3.25	YES						

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021786	0	0.10210E-05	497972.1	3754328.0	724.3	3.49	4.00
3.25	YES						
L0021787	0	0.10210E-05	497980.7	3754328.3	723.9	3.49	4.00
3.25	YES						
L0021788	0	0.10210E-05	497989.3	3754328.6	723.5	3.49	4.00
3.25	YES						

L0021789	0	0.10210E-05	497997.9	3754328.9	723.2	3.49	4.00
3.25	YES						
L0021790	0	0.10210E-05	498006.5	3754329.3	722.8	3.49	4.00
3.25	YES						
L0021791	0	0.10210E-05	498015.0	3754329.6	722.4	3.49	4.00
3.25	YES						
L0021792	0	0.10210E-05	498023.6	3754329.9	722.1	3.49	4.00
3.25	YES						
L0021793	0	0.10210E-05	498032.2	3754330.3	721.7	3.49	4.00
3.25	YES						
L0021794	0	0.10210E-05	498040.8	3754330.6	721.4	3.49	4.00
3.25	YES						
L0021795	0	0.10210E-05	498049.4	3754330.9	721.0	3.49	4.00
3.25	YES						
L0021796	0	0.10210E-05	498058.0	3754331.2	720.6	3.49	4.00
3.25	YES						
L0021797	0	0.10210E-05	498066.5	3754331.6	720.3	3.49	4.00
3.25	YES						
L0021798	0	0.10210E-05	498075.1	3754331.6	720.9	3.49	4.00
3.25	YES						
L0021799	0	0.10210E-05	498083.7	3754331.4	722.0	3.49	4.00
3.25	YES						
L0021800	0	0.10210E-05	498092.3	3754331.3	723.0	3.49	4.00
3.25	YES						
L0021801	0	0.10210E-05	498100.9	3754331.2	724.1	3.49	4.00
3.25	YES						
L0021802	0	0.10210E-05	498109.5	3754331.1	725.1	3.49	4.00
3.25	YES						
L0021803	0	0.10210E-05	498118.1	3754330.9	726.2	3.49	4.00
3.25	YES						
L0021804	0	0.10210E-05	498126.7	3754330.8	727.2	3.49	4.00
3.25	YES						
L0021805	0	0.10210E-05	498135.3	3754330.7	728.3	3.49	4.00
3.25	YES						
L0021806	0	0.10210E-05	498143.8	3754330.6	729.3	3.49	4.00
3.25	YES						
L0021807	0	0.10210E-05	498152.4	3754330.5	730.4	3.49	4.00
3.25	YES						
L0021808	0	0.10210E-05	498161.0	3754330.3	731.4	3.49	4.00
3.25	YES						
L0021809	0	0.10210E-05	498169.3	3754328.5	731.7	3.49	4.00
3.25	YES						
L0021810	0	0.10210E-05	498177.5	3754325.9	731.6	3.49	4.00
3.25	YES						
L0021811	0	0.10210E-05	498185.7	3754323.4	731.6	3.49	4.00
3.25	YES						
L0021812	0	0.10210E-05	498193.9	3754320.8	731.5	3.49	4.00
3.25	YES						
L0021813	0	0.10210E-05	498202.1	3754318.2	731.4	3.49	4.00
3.25	YES						

L0021814	0	0.10210E-05	498210.3	3754315.7	731.4	3.49	4.00
3.25	YES						
L0021815	0	0.10210E-05	498218.5	3754313.1	731.3	3.49	4.00
3.25	YES						
L0021816	0	0.10210E-05	498226.7	3754310.5	731.2	3.49	4.00
3.25	YES						
L0021817	0	0.10210E-05	498234.9	3754308.0	731.2	3.49	4.00
3.25	YES						
L0021818	0	0.10210E-05	498243.1	3754305.4	731.1	3.49	4.00
3.25	YES						
L0021819	0	0.10210E-05	498251.3	3754302.8	731.0	3.49	4.00
3.25	YES						
L0021820	0	0.10210E-05	498258.9	3754299.0	730.9	3.49	4.00
3.25	YES						
L0021821	0	0.10210E-05	498266.0	3754294.1	730.8	3.49	4.00
3.25	YES						
L0021822	0	0.10210E-05	498273.0	3754289.2	730.7	3.49	4.00
3.25	YES						
L0021823	0	0.10210E-05	498280.1	3754284.3	730.6	3.49	4.00
3.25	YES						
L0021824	0	0.10210E-05	498287.1	3754279.4	730.5	3.49	4.00
3.25	YES						
L0021825	0	0.10210E-05	498294.1	3754274.5	730.4	3.49	4.00
3.25	YES						

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*** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC                      ***      08/05/22
*** AERMET - VERSION 16216 ***      ***
***                                  ***      17:47:21

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021826	0	0.10210E-05	498301.2	3754269.6	730.3	3.49	4.00
3.25	YES						
L0021827	0	0.10210E-05	498308.2	3754264.6	730.1	3.49	4.00
3.25	YES						
L0021828	0	0.10210E-05	498315.3	3754259.7	730.0	3.49	4.00
3.25	YES						

L0021829	0	0.10210E-05	498322.3	3754254.8	729.9	3.49	4.00
3.25	YES						
L0021830	0	0.10210E-05	498330.7	3754253.0	730.3	3.49	4.00
3.25	YES						
L0021831	0	0.10210E-05	498339.1	3754251.3	730.6	3.49	4.00
3.25	YES						
L0021832	0	0.10210E-05	498347.5	3754249.5	731.0	3.49	4.00
3.25	YES						
L0021833	0	0.10210E-05	498356.0	3754247.8	731.4	3.49	4.00
3.25	YES						
L0021834	0	0.10210E-05	498364.4	3754246.1	731.7	3.49	4.00
3.25	YES						
L0021835	0	0.10210E-05	498372.8	3754244.3	732.1	3.49	4.00
3.25	YES						
L0021836	0	0.10210E-05	498381.2	3754242.6	732.5	3.49	4.00
3.25	YES						
L0021837	0	0.10210E-05	498389.6	3754240.9	732.8	3.49	4.00
3.25	YES						
L0021838	0	0.10210E-05	498398.0	3754239.1	733.2	3.49	4.00
3.25	YES						
L0021839	0	0.10210E-05	498406.4	3754237.4	733.5	3.49	4.00
3.25	YES						
L0021840	0	0.10210E-05	498414.9	3754236.1	733.7	3.49	4.00
3.25	YES						
L0021841	0	0.10210E-05	498423.5	3754235.9	733.3	3.49	4.00
3.25	YES						
L0021842	0	0.10210E-05	498432.1	3754235.7	733.0	3.49	4.00
3.25	YES						
L0021843	0	0.10210E-05	498440.7	3754235.5	732.6	3.49	4.00
3.25	YES						
L0021844	0	0.10210E-05	498449.2	3754235.3	732.2	3.49	4.00
3.25	YES						
L0021845	0	0.10210E-05	498457.8	3754235.1	731.9	3.49	4.00
3.25	YES						
L0021846	0	0.10210E-05	498459.4	3754242.1	731.9	3.49	4.00
3.25	YES						
L0021847	0	0.10210E-05	498459.4	3754250.7	732.1	3.49	4.00
3.25	YES						
L0021848	0	0.10210E-05	498459.3	3754259.2	732.3	3.49	4.00
3.25	YES						
L0021849	0	0.10210E-05	498459.3	3754267.8	732.4	3.49	4.00
3.25	YES						
L0021850	0	0.10210E-05	498459.2	3754276.4	732.6	3.49	4.00
3.25	YES						
L0021851	0	0.10210E-05	498459.2	3754285.0	732.8	3.49	4.00
3.25	YES						
L0021852	0	0.10210E-05	498459.2	3754293.6	732.9	3.49	4.00
3.25	YES						
L0021853	0	0.10210E-05	498459.1	3754302.2	733.1	3.49	4.00
3.25	YES						

L0021854	0	0.10210E-05	498459.1	3754310.8	733.3	3.49	4.00
3.25 YES							
L0021855	0	0.10210E-05	498459.1	3754319.4	733.5	3.49	4.00
3.25 YES							
L0021856	0	0.10210E-05	498459.0	3754328.0	733.6	3.49	4.00
3.25 YES							
L0021857	0	0.10210E-05	498459.0	3754336.6	733.8	3.49	4.00
3.25 YES							
L0021858	0	0.10210E-05	498458.9	3754345.1	734.0	3.49	4.00
3.25 YES							
L0021859	0	0.10210E-05	498458.9	3754353.7	734.1	3.49	4.00
3.25 YES							
L0021860	0	0.10210E-05	498458.9	3754362.3	734.3	3.49	4.00
3.25 YES							
L0021861	0	0.10210E-05	498458.8	3754370.9	734.5	3.49	4.00
3.25 YES							
L0021862	0	0.10210E-05	498458.8	3754379.5	734.6	3.49	4.00
3.25 YES							
L0021863	0	0.10210E-05	498458.7	3754388.1	734.8	3.49	4.00
3.25 YES							
L0021864	0	0.10210E-05	498458.7	3754396.7	735.0	3.49	4.00
3.25 YES							
L0021865	0	0.10210E-05	498458.7	3754405.3	735.1	3.49	4.00
3.25 YES							

*** AERMOD - VERSION 21112 *** ** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC *** 08/05/22
*** AERMET - VERSION 16216 *** ***
*** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021866	0	0.10210E-05	498458.6	3754413.9	735.3	3.49	4.00
3.25 YES							
L0021867	0	0.10210E-05	498458.6	3754422.5	735.5	3.49	4.00
3.25 YES							
L0021868	0	0.10210E-05	498458.6	3754431.0	735.7	3.49	4.00
3.25 YES							

L0021869	0	0.10210E-05	498458.5	3754439.6	735.8	3.49	4.00
3.25 YES							
L0021870	0	0.10210E-05	498458.5	3754448.2	736.0	3.49	4.00
3.25 YES							
L0021871	0	0.10210E-05	498458.4	3754456.8	736.2	3.49	4.00
3.25 YES							
L0021872	0	0.10210E-05	498458.4	3754465.4	736.3	3.49	4.00
3.25 YES							
L0021873	0	0.10210E-05	498458.4	3754474.0	736.5	3.49	4.00
3.25 YES							
L0021874	0	0.10210E-05	498458.3	3754482.6	736.7	3.49	4.00
3.25 YES							
L0021875	0	0.10210E-05	498458.3	3754491.2	736.8	3.49	4.00
3.25 YES							
L0021876	0	0.10210E-05	498458.3	3754499.8	737.0	3.49	4.00
3.25 YES							
L0021877	0	0.10210E-05	498458.2	3754508.4	737.2	3.49	4.00
3.25 YES							
L0021878	0	0.10210E-05	498458.2	3754516.9	737.3	3.49	4.00
3.25 YES							
L0021879	0	0.10210E-05	498458.1	3754525.5	737.5	3.49	4.00
3.25 YES							
L0021880	0	0.10210E-05	498458.1	3754534.1	737.7	3.49	4.00
3.25 YES							
L0021881	0	0.10210E-05	498458.1	3754542.7	737.9	3.49	4.00
3.25 YES							
L0021882	0	0.10210E-05	498458.0	3754551.3	738.0	3.49	4.00
3.25 YES							
L0021883	0	0.10210E-05	498458.0	3754559.9	738.2	3.49	4.00
3.25 YES							
L0021884	0	0.10210E-05	498458.0	3754568.5	738.4	3.49	4.00
3.25 YES							
L0021885	0	0.10210E-05	498457.9	3754577.1	738.5	3.49	4.00
3.25 YES							
L0021886	0	0.10210E-05	498457.9	3754585.7	738.7	3.49	4.00
3.25 YES							
L0021887	0	0.10210E-05	498457.8	3754594.3	738.9	3.49	4.00
3.25 YES							
L0021888	0	0.10210E-05	498457.8	3754602.8	739.0	3.49	4.00
3.25 YES							
L0021889	0	0.10210E-05	498457.8	3754611.4	739.2	3.49	4.00
3.25 YES							
L0021890	0	0.10210E-05	498457.7	3754620.0	739.4	3.49	4.00
3.25 YES							
L0021891	0	0.10210E-05	498457.7	3754628.6	739.5	3.49	4.00
3.25 YES							
L0021892	0	0.10210E-05	498457.6	3754637.2	739.7	3.49	4.00
3.25 YES							
L0021893	0	0.10210E-05	498457.6	3754645.8	739.9	3.49	4.00
3.25 YES							

L0021894	0	0.10210E-05	498457.6	3754654.4	740.1	3.49	4.00
3.25 YES							
L0021895	0	0.10210E-05	498457.5	3754663.0	740.2	3.49	4.00
3.25 YES							
L0021896	0	0.10210E-05	498457.5	3754671.6	740.4	3.49	4.00
3.25 YES							
L0021897	0	0.10210E-05	498457.5	3754680.2	740.6	3.49	4.00
3.25 YES							
L0021898	0	0.10210E-05	498457.4	3754688.7	740.7	3.49	4.00
3.25 YES							
L0021899	0	0.10210E-05	498457.4	3754697.3	740.9	3.49	4.00
3.25 YES							
L0021900	0	0.10210E-05	498457.3	3754705.9	741.1	3.49	4.00
3.25 YES							
L0021901	0	0.10210E-05	498457.3	3754714.5	741.2	3.49	4.00
3.25 YES							
L0021902	0	0.10210E-05	498457.3	3754723.1	741.4	3.49	4.00
3.25 YES							
L0021903	0	0.10210E-05	498457.2	3754731.7	741.6	3.49	4.00
3.25 YES							
L0021904	0	0.10210E-05	498457.2	3754740.3	741.8	3.49	4.00
3.25 YES							
L0021905	0	0.10210E-05	498457.2	3754748.9	741.9	3.49	4.00
3.25 YES							

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^ *** AERMOD - VERSION 21112 ***      *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC          ***          08/05/22
*** AERMET - VERSION 16216 ***      ***
***          ***          17:47:21
  
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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

L0021906	0	0.10210E-05	498457.1	3754757.5	742.1	3.49	4.00
3.25 YES							
L0021907	0	0.10210E-05	498457.1	3754766.0	742.3	3.49	4.00
3.25 YES							
L0021908	0	0.10210E-05	498457.0	3754774.6	742.4	3.49	4.00
3.25 YES							

L0021909 0 0.10210E-05 498457.0 3754783.2 742.6 3.49 4.00
 3.25 YES
 L0021910 0 0.10210E-05 498457.0 3754791.8 742.8 3.49 4.00
 3.25 YES

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs
-----	-----
ALL	L0018301 , L0018302 , L0018303 , L0018304 , L0018305 ,
L0018306	, L0018307 , L0018308 ,
L0018314	L0018309 , L0018310 , L0018311 , L0018312 , L0018313 ,
	, L0018315 , L0018316 ,
L0018322	L0018317 , L0018318 , L0018319 , L0018320 , L0018321 ,
	, L0018323 , L0018324 ,
L0018330	L0018325 , L0018326 , L0018327 , L0018328 , L0018329 ,
	, L0018331 , L0018332 ,
L0018338	L0018333 , L0018334 , L0018335 , L0018336 , L0018337 ,
	, L0018339 , L0018340 ,
L0018346	L0018341 , L0018342 , L0018343 , L0018344 , L0018345 ,
	, L0018347 , L0018348 ,
L0018354	L0018349 , L0018350 , L0018351 , L0018352 , L0018353 ,
	, L0018355 , L0018356 ,
L0018362	L0018357 , L0018358 , L0018359 , L0018360 , L0018361 ,
	, L0018363 , L0018364 ,
L0018370	L0018365 , L0018366 , L0018367 , L0018368 , L0018369 ,
	, L0018371 , L0018372 ,
L0018378	L0018373 , L0018374 , L0018375 , L0018376 , L0018377 ,
	, L0018379 , L0018380 ,

L0018386 L0018381 , L0018382 , L0018383 , L0018384 , L0018385 ,
 , L0018387 , L0018388 ,

 L0018394 L0018389 , L0018390 , L0018391 , L0018392 , L0018393 ,
 , L0018395 , L0018396 ,

 L0018402 L0018397 , L0018398 , L0018399 , L0018400 , L0018401 ,
 , L0018403 , L0018404 ,

 L0018410 L0018405 , L0018406 , L0018407 , L0018408 , L0018409 ,
 , L0018411 , L0018412 ,

 L0018418 L0018413 , L0018414 , L0018415 , L0018416 , L0018417 ,
 , L0018419 , L0018420 ,

 L0018426 L0018421 , L0018422 , L0018423 , L0018424 , L0018425 ,
 , L0018427 , L0018428 ,

 L0018434 L0018429 , L0018430 , L0018431 , L0018432 , L0018433 ,
 , L0018435 , L0018436 ,

 L0018442 L0018437 , L0018438 , L0018439 , L0018440 , L0018441 ,
 , L0018443 , L0018444 ,

 L0018450 L0018445 , L0018446 , L0018447 , L0018448 , L0018449 ,
 , L0018451 , L0018452 ,

 L0018458 L0018453 , L0018454 , L0018455 , L0018456 , L0018457 ,
 , L0018459 , L0018460 ,

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

L0018466 L0018461 , L0018462 , L0018463 , L0018464 , L0018465 ,
 , L0018467 , L0018468 ,

 L0018474 L0018469 , L0018470 , L0018471 , L0018472 , L0018473 ,
 , L0018475 , L0018476 ,

L0018482	L0018477 , L0018483	, L0018478 , L0018484	, L0018479 ,	, L0018480	, L0018481	,
L0018490	L0018485 , L0018491	, L0018486 , L0018492	, L0018487 ,	, L0018488	, L0018489	,
L0018498	L0018493 , L0018499	, L0018494 , L0018500	, L0018495 ,	, L0018496	, L0018497	,
L0018506	L0018501 , L0018507	, L0018502 , L0018508	, L0018503 ,	, L0018504	, L0018505	,
L0018514	L0018509 , L0018515	, L0018510 , L0018516	, L0018511 ,	, L0018512	, L0018513	,
L0018522	L0018517 , L0018523	, L0018518 , L0018524	, L0018519 ,	, L0018520	, L0018521	,
L0018530	L0018525 , L0018531	, L0018526 , L0018532	, L0018527 ,	, L0018528	, L0018529	,
L0018538	L0018533 , L0018539	, L0018534 , L0018540	, L0018535 ,	, L0018536	, L0018537	,
L0018546	L0018541 , L0018547	, L0018542 , L0018548	, L0018543 ,	, L0018544	, L0018545	,
L0018554	L0018549 , L0018555	, L0018550 , L0018556	, L0018551 ,	, L0018552	, L0018553	,
L0018562	L0018557 , L0018563	, L0018558 , L0018564	, L0018559 ,	, L0018560	, L0018561	,
L0018570	L0018565 , L0018571	, L0018566 , L0018572	, L0018567 ,	, L0018568	, L0018569	,
L0018578	L0018573 , L0018579	, L0018574 , L0018580	, L0018575 ,	, L0018576	, L0018577	,
L0018586	L0018581 , L0018587	, L0018582 , L0018588	, L0018583 ,	, L0018584	, L0018585	,
L0018594	L0018589 , L0018595	, L0018590 , L0018596	, L0018591 ,	, L0018592	, L0018593	,
L0018602	L0018597 , L0018603	, L0018598 , L0018604	, L0018599 ,	, L0018600	, L0018601	,
	L0018605	, L0018606	, L0018607	, L0018608	, L0018609	,

L0018610 , L0018611 , L0018612 ,
 L0018613 , L0018614 , L0018615 , L0018616 , L0018617 ,
 L0018618 , L0018619 , L0018620 ,
 ^ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs
-----	-----
L0018626	L0018621 , L0018622 , L0018623 , L0018624 , L0018625 , L0018626 , L0018627 , L0018628 ,
L0018634	L0018629 , L0018630 , L0018631 , L0018632 , L0018633 , L0018634 , L0018635 , L0018636 ,
L0018642	L0018637 , L0018638 , L0018639 , L0018640 , L0018641 , L0018642 , L0018643 , L0018644 ,
L0018650	L0018645 , L0018646 , L0018647 , L0018648 , L0018649 , L0018650 , L0018651 , L0018652 ,
L0018658	L0018653 , L0018654 , L0018655 , L0018656 , L0018657 , L0018658 , L0018659 , L0018660 ,
L0018666	L0018661 , L0018662 , L0018663 , L0018664 , L0018665 , L0018666 , L0018667 , L0018668 ,
L0018674	L0018669 , L0018670 , L0018671 , L0018672 , L0018673 , L0018674 , L0018675 , L0018676 ,
L0018682	L0018677 , L0018678 , L0018679 , L0018680 , L0018681 , L0018682 , L0018683 , L0018684 ,
L0018690	L0018685 , L0018686 , L0018687 , L0018688 , L0018689 , L0018690 , L0018691 , L0018692 ,
L0018698	L0018693 , L0018694 , L0018695 , L0018696 , L0018697 , L0018698 , L0018699 , L0018700 ,

L0018706 L0018701 , L0018702 , L0018703 , L0018704 , L0018705 ,
 , L0018707 , L0018708 ,

 L0018714 L0018709 , L0018710 , L0018711 , L0018712 , L0018713 ,
 , L0018715 , L0018716 ,

 L0018722 L0018717 , L0018718 , L0018719 , L0018720 , L0018721 ,
 , L0018723 , L0018724 ,

 L0018730 L0018725 , L0018726 , L0018727 , L0018728 , L0018729 ,
 , L0018731 , L0018732 ,

 L0018738 L0018733 , L0018734 , L0018735 , L0018736 , L0018737 ,
 , L0018739 , L0018740 ,

 L0018746 L0018741 , L0018742 , L0018743 , L0018744 , L0018745 ,
 , L0018747 , L0018748 ,

 L0018754 L0018749 , L0018750 , L0018751 , L0018752 , L0018753 ,
 , L0018755 , L0018756 ,

 L0018762 L0018757 , L0018758 , L0018759 , L0018760 , L0018761 ,
 , L0018763 , L0018764 ,

 L0018770 L0018765 , L0018766 , L0018767 , L0018768 , L0018769 ,
 , L0018771 , L0018772 ,

 L0018778 L0018773 , L0018774 , L0018775 , L0018776 , L0018777 ,
 , L0018779 , L0018780 ,

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

L0018786 L0018781 , L0018782 , L0018783 , L0018784 , L0018785 ,
 , L0018787 , L0018788 ,

 L0018794 L0018789 , L0018790 , L0018791 , L0018792 , L0018793 ,
 , L0018795 , L0018796 ,

L0018802	L0018797 , L0018803	, L0018798 , L0018804	, L0018799 ,	, L0018800	, L0018801	,
L0018810	L0018805 , L0018811	, L0018806 , L0018812	, L0018807 ,	, L0018808	, L0018809	,
L0018818	L0018813 , L0018819	, L0018814 , L0018820	, L0018815 ,	, L0018816	, L0018817	,
L0018826	L0018821 , L0018827	, L0018822 , L0018828	, L0018823 ,	, L0018824	, L0018825	,
L0018834	L0018829 , L0018835	, L0018830 , L0018836	, L0018831 ,	, L0018832	, L0018833	,
L0018842	L0018837 , L0018843	, L0018838 , L0018844	, L0018839 ,	, L0018840	, L0018841	,
L0018850	L0018845 , L0018851	, L0018846 , L0018852	, L0018847 ,	, L0018848	, L0018849	,
L0018858	L0018853 , L0018859	, L0018854 , L0018860	, L0018855 ,	, L0018856	, L0018857	,
L0018866	L0018861 , L0018867	, L0018862 , L0018868	, L0018863 ,	, L0018864	, L0018865	,
L0018874	L0018869 , L0018875	, L0018870 , L0018876	, L0018871 ,	, L0018872	, L0018873	,
L0018882	L0018877 , L0018883	, L0018878 , L0018884	, L0018879 ,	, L0018880	, L0018881	,
L0018890	L0018885 , L0018891	, L0018886 , L0018892	, L0018887 ,	, L0018888	, L0018889	,
L0018898	L0018893 , L0018899	, L0018894 , L0018900	, L0018895 ,	, L0018896	, L0018897	,
L0018906	L0018901 , L0018907	, L0018902 , L0018908	, L0018903 ,	, L0018904	, L0018905	,
L0018914	L0018909 , L0018915	, L0018910 , L0018916	, L0018911 ,	, L0018912	, L0018913	,
L0018922	L0018917 , L0018923	, L0018918 , L0018924	, L0018919 ,	, L0018920	, L0018921	,
	L0018925	, L0018926	, L0018927	, L0018928	, L0018929	,

L0018930 , L0018931 , L0018932 ,
 L0018933 , L0018934 , L0018935 , L0018936 , L0018937 ,
 L0018938 , L0018939 , L0018940 ,
 *** AERMOD - VERSION 21112 *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID -----	SOURCE IDs -----
L0018946	L0018941 , L0018942 , L0018943 , L0018944 , L0018945 , , L0018947 , L0018948 ,
L0018954	L0018949 , L0018950 , L0018951 , L0018952 , L0018953 , , L0018955 , L0018956 ,
L0018962	L0018957 , L0018958 , L0018959 , L0018960 , L0018961 , , L0018963 , L0018964 ,
L0018970	L0018965 , L0018966 , L0018967 , L0018968 , L0018969 , , L0018971 , L0018972 ,
L0018978	L0018973 , L0018974 , L0018975 , L0018976 , L0018977 , , L0018979 , L0018980 ,
L0018986	L0018981 , L0018982 , L0018983 , L0018984 , L0018985 , , L0018987 , L0018988 ,
L0018994	L0018989 , L0018990 , L0018991 , L0018992 , L0018993 , , L0019094 , L0019095 ,
L0019101	L0019096 , L0019097 , L0019098 , L0019099 , L0019100 , , L0019102 , L0019103 ,
L0019109	L0019104 , L0019105 , L0019106 , L0019107 , L0019108 , , L0019110 , L0019111 ,
L0019117	L0019112 , L0019113 , L0019114 , L0019115 , L0019116 , , L0019118 , L0019119 ,

L0019125 L0019120 , L0019121 , L0019122 , L0019123 , L0019124 ,
 , L0019126 , L0019127 ,

 L0019133 L0019128 , L0019129 , L0019130 , L0019131 , L0019132 ,
 , L0019134 , L0019135 ,

 L0019141 L0019136 , L0019137 , L0019138 , L0019139 , L0019140 ,
 , L0019142 , L0019143 ,

 L0019149 L0019144 , L0019145 , L0019146 , L0019147 , L0019148 ,
 , L0019150 , L0019151 ,

 L0019157 L0019152 , L0019153 , L0019154 , L0019155 , L0019156 ,
 , L0019158 , L0019159 ,

 L0019165 L0019160 , L0019161 , L0019162 , L0019163 , L0019164 ,
 , L0019166 , L0019167 ,

 L0019173 L0019168 , L0019169 , L0019170 , L0019171 , L0019172 ,
 , L0019174 , L0019175 ,

 L0019181 L0019176 , L0019177 , L0019178 , L0019179 , L0019180 ,
 , L0019182 , L0019183 ,

 L0019189 L0019184 , L0019185 , L0019186 , L0019187 , L0019188 ,
 , L0019190 , L0019191 ,

 L0019197 L0019192 , L0019193 , L0019194 , L0019195 , L0019196 ,
 , L0019198 , L0019199 ,

*** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

L0019205 L0019200 , L0019201 , L0019202 , L0019203 , L0019204 ,
 , L0019206 , L0019207 ,

 L0019213 L0019208 , L0019209 , L0019210 , L0019211 , L0019212 ,
 , L0019214 , L0019215 ,

L0019221 L0019216 , L0019217 , L0019218 , L0019219 , L0019220 ,
 , L0019222 , L0019223 ,

L0019229 L0019224 , L0019225 , L0019226 , L0019227 , L0019228 ,
 , L0019230 , L0019231 ,

L0019237 L0019232 , L0019233 , L0019234 , L0019235 , L0019236 ,
 , L0019238 , L0019239 ,

L0019245 L0019240 , L0019241 , L0019242 , L0019243 , L0019244 ,
 , L0019246 , L0019247 ,

L0019253 L0019248 , L0019249 , L0019250 , L0019251 , L0019252 ,
 , L0019254 , L0019255 ,

L0019261 L0019256 , L0019257 , L0019258 , L0019259 , L0019260 ,
 , L0019262 , L0019263 ,

L0019269 L0019264 , L0019265 , L0019266 , L0019267 , L0019268 ,
 , L0019270 , L0019271 ,

L0019277 L0019272 , L0019273 , L0019274 , L0019275 , L0019276 ,
 , L0019278 , L0019279 ,

L0019285 L0019280 , L0019281 , L0019282 , L0019283 , L0019284 ,
 , L0019286 , L0019287 ,

L0019293 L0019288 , L0019289 , L0019290 , L0019291 , L0019292 ,
 , L0019294 , L0019295 ,

L0019301 L0019296 , L0019297 , L0019298 , L0019299 , L0019300 ,
 , L0019302 , L0019303 ,

L0019309 L0019304 , L0019305 , L0019306 , L0019307 , L0019308 ,
 , L0019310 , L0019311 ,

L0019317 L0019312 , L0019313 , L0019314 , L0019315 , L0019316 ,
 , L0019318 , L0019319 ,

L0019325 L0019320 , L0019321 , L0019322 , L0019323 , L0019324 ,
 , L0019326 , L0019327 ,

L0019333 L0019328 , L0019329 , L0019330 , L0019331 , L0019332 ,
 , L0019334 , L0019335 ,

L0019341 L0019336 , L0019337 , L0019338 , L0019339 , L0019340 ,
 , L0019342 , L0019343 ,

 L0019344 , L0020965 , L0020966 , L0020967 , L0020968 ,

L0020969 , L0020970 , L0020971 ,
 L0020972 , L0020973 , L0020974 , L0020975 , L0020976 ,
 L0020977 , L0020978 , L0020979 ,
 ^ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID -----	SOURCE IDs -----
L0020985	L0020980 , L0020981 , L0020982 , L0020983 , L0020984 , L0020986 , L0020987 ,
L0020993	L0020988 , L0020989 , L0020990 , L0020991 , L0020992 , L0020994 , L0020995 ,
L0021001	L0020996 , L0020997 , L0020998 , L0020999 , L0021000 , L0021002 , L0021003 ,
L0021009	L0021004 , L0021005 , L0021006 , L0021007 , L0021008 , L0021010 , L0021011 ,
L0021017	L0021012 , L0021013 , L0021014 , L0021015 , L0021016 , L0021018 , L0021019 ,
L0021025	L0021020 , L0021021 , L0021022 , L0021023 , L0021024 , L0021026 , L0021027 ,
L0021033	L0021028 , L0021029 , L0021030 , L0021031 , L0021032 , L0021034 , L0021035 ,
L0021041	L0021036 , L0021037 , L0021038 , L0021039 , L0021040 , L0019422 , L0019423 ,
L0019429	L0019424 , L0019425 , L0019426 , L0019427 , L0019428 , L0019430 , L0019431 ,
L0019437	L0019432 , L0019433 , L0019434 , L0019435 , L0019436 , L0019438 , L0019439 ,

L0019445 L0019440 , L0019441 , L0019442 , L0019443 , L0019444 ,
 , L0019446 , L0019447 , ,
L0019453 L0019448 , L0019449 , L0019450 , L0019451 , L0019452 ,
 , L0019454 , L0019455 , ,
L0019461 L0019456 , L0019457 , L0019458 , L0019459 , L0019460 ,
 , L0019462 , L0019463 , ,
L0019469 L0019464 , L0019465 , L0019466 , L0019467 , L0019468 ,
 , L0019470 , L0019471 , ,
L0019477 L0019472 , L0019473 , L0019474 , L0019475 , L0019476 ,
 , L0019478 , L0019479 , ,
L0019485 L0019480 , L0019481 , L0019482 , L0019483 , L0019484 ,
 , L0019486 , L0019487 , ,
L0019493 L0019488 , L0019489 , L0019490 , L0019491 , L0019492 ,
 , L0019494 , L0019495 , ,
L0019501 L0019496 , L0019497 , L0019498 , L0019499 , L0019500 ,
 , L0019502 , L0019503 , ,
L0019509 L0019504 , L0019505 , L0019506 , L0019507 , L0019508 ,
 , L0019510 , L0019511 , ,
L0019517 L0019512 , L0019513 , L0019514 , L0019515 , L0019516 ,
 , L0019518 , L0019519 , ,

▲ *** AERMOD - VERSION 21112 *** ** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC *** 08/05/22

*** AERMET - VERSION 16216 *** **
*** 17:47:21

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

L0019525 L0019520 , L0019521 , L0019522 , L0019523 , L0019524 ,
 , L0019526 , L0019527 , ,
L0019533 L0019528 , L0019529 , L0019530 , L0019531 , L0019532 ,
 , L0019534 , L0019535 , ,

L0019541 L0019536 , L0019537 , L0019538 , L0019539 , L0019540 ,
 , L0019542 , L0019543 ,

L0019549 L0019544 , L0019545 , L0019546 , L0019547 , L0019548 ,
 , L0019550 , L0019551 ,

L0019557 L0019552 , L0019553 , L0019554 , L0019555 , L0019556 ,
 , L0019558 , L0019559 ,

L0019565 L0019560 , L0019561 , L0019562 , L0019563 , L0019564 ,
 , L0019566 , L0019567 ,

L0019573 L0019568 , L0019569 , L0019570 , L0019571 , L0019572 ,
 , L0019574 , L0019575 ,

L0019581 L0019576 , L0019577 , L0019578 , L0019579 , L0019580 ,
 , L0019582 , L0019583 ,

L0019589 L0019584 , L0019585 , L0019586 , L0019587 , L0019588 ,
 , L0019590 , L0019591 ,

L0019597 L0019592 , L0019593 , L0019594 , L0019595 , L0019596 ,
 , L0019598 , L0019599 ,

L0019605 L0019600 , L0019601 , L0019602 , L0019603 , L0019604 ,
 , L0019606 , L0019607 ,

L0019613 L0019608 , L0019609 , L0019610 , L0019611 , L0019612 ,
 , L0019614 , L0019615 ,

L0019621 L0019616 , L0019617 , L0019618 , L0019619 , L0019620 ,
 , L0019622 , L0019623 ,

L0019629 L0019624 , L0019625 , L0019626 , L0019627 , L0019628 ,
 , L0019630 , L0019631 ,

L0019637 L0019632 , L0019633 , L0019634 , L0019635 , L0019636 ,
 , L0019638 , L0019639 ,

L0019645 L0019640 , L0019641 , L0019642 , L0019643 , L0019644 ,
 , L0019646 , L0019647 ,

L0019653 L0019648 , L0019649 , L0019650 , L0019651 , L0019652 ,
 , L0019654 , L0019655 ,

L0019661 L0019656 , L0019657 , L0019658 , L0019659 , L0019660 ,
 , L0019662 , L0019663 ,

 L0019664 , L0019665 , L0019666 , L0019667 , L0019668 ,

L0019669 , L0019670 , L0019671 ,
 L0019672 , L0019673 , L0019674 , L0019675 , L0019676 ,
 L0019677 , L0019678 , L0019679 ,
 *** AERMOD - VERSION 21112 *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID -----	SOURCE IDs -----
L0019685	L0019680 , L0019681 , L0019682 , L0019683 , L0019684 , L0019685 , L0019686 , L0019687 ,
L0019693	L0019688 , L0019689 , L0019690 , L0019691 , L0019692 , L0019693 , L0019694 , L0019695 ,
L0019701	L0019696 , L0019697 , L0019698 , L0019699 , L0019700 , L0019701 , L0019702 , L0019703 ,
L0019709	L0019704 , L0019705 , L0019706 , L0019707 , L0019708 , L0019709 , L0019710 , L0019711 ,
L0019717	L0019712 , L0019713 , L0019714 , L0019715 , L0019716 , L0019717 , L0019718 , L0019719 ,
L0019725	L0019720 , L0019721 , L0019722 , L0019723 , L0019724 , L0019725 , L0019726 , L0019727 ,
L0019733	L0019728 , L0019729 , L0019730 , L0019731 , L0019732 , L0019733 , L0019734 , L0019735 ,
L0019741	L0019736 , L0019737 , L0019738 , L0019739 , L0019740 , L0019741 , L0019742 , L0019743 ,
L0019749	L0019744 , L0019745 , L0019746 , L0019747 , L0019748 , L0019749 , L0019750 , L0019751 ,
L0019757	L0019752 , L0019753 , L0019754 , L0019755 , L0019756 , L0019757 , L0019758 , L0019759 ,

L0019765 L0019760 , L0019761 , L0019762 , L0019763 , L0019764 ,
 , L0019766 , L0019767 ,

 L0019773 L0019768 , L0019769 , L0019770 , L0019771 , L0019772 ,
 , L0019774 , L0019775 ,

 L0019781 L0019776 , L0019777 , L0019778 , L0019779 , L0019780 ,
 , L0019782 , L0019783 ,

 L0019789 L0019784 , L0019785 , L0019786 , L0019787 , L0019788 ,
 , L0019790 , L0019791 ,

 L0019797 L0019792 , L0019793 , L0019794 , L0019795 , L0019796 ,
 , L0019798 , L0019799 ,

 L0019805 L0019800 , L0019801 , L0019802 , L0019803 , L0019804 ,
 , L0019806 , L0019807 ,

 L0019813 L0019808 , L0019809 , L0019810 , L0019811 , L0019812 ,
 , L0019814 , L0019815 ,

 L0019821 L0019816 , L0019817 , L0019818 , L0019819 , L0019820 ,
 , L0019822 , L0019823 ,

 L0019829 L0019824 , L0019825 , L0019826 , L0019827 , L0019828 ,
 , L0019830 , L0019831 ,

 L0019837 L0019832 , L0019833 , L0019834 , L0019835 , L0019836 ,
 , L0019838 , L0019839 ,

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

L0019845 L0019840 , L0019841 , L0019842 , L0019843 , L0019844 ,
 , L0019846 , L0019847 ,

 L0019853 L0019848 , L0019849 , L0019850 , L0019851 , L0019852 ,
 , L0019854 , L0019855 ,

L0019861 L0019856 , L0019857 , L0019858 , L0019859 , L0019860 ,
, L0019862 , L0019863 , ,

L0019869 L0019864 , L0019865 , L0019866 , L0019867 , L0019868 ,
, L0019870 , L0019871 , ,

L0019877 L0019872 , L0019873 , L0019874 , L0019875 , L0019876 ,
, L0019878 , L0019879 , ,

L0019885 L0019880 , L0019881 , L0019882 , L0019883 , L0019884 ,
, L0019886 , L0019887 , ,

L0019893 L0019888 , L0019889 , L0019890 , L0019891 , L0019892 ,
, L0019894 , L0019895 , ,

L0019901 L0019896 , L0019897 , L0019898 , L0019899 , L0019900 ,
, L0019902 , L0019903 , ,

L0019909 L0019904 , L0019905 , L0019906 , L0019907 , L0019908 ,
, L0019910 , L0019911 , ,

L0019917 L0019912 , L0019913 , L0019914 , L0019915 , L0019916 ,
, L0019918 , L0019919 , ,

L0019925 L0019920 , L0019921 , L0019922 , L0019923 , L0019924 ,
, L0019926 , L0019927 , ,

L0019933 L0019928 , L0019929 , L0019930 , L0019931 , L0019932 ,
, L0019934 , L0019935 , ,

L0019941 L0019936 , L0019937 , L0019938 , L0019939 , L0019940 ,
, L0019942 , L0019943 , ,

L0019949 L0019944 , L0019945 , L0019946 , L0019947 , L0019948 ,
, L0019950 , L0019951 , ,

L0019957 L0019952 , L0019953 , L0019954 , L0019955 , L0019956 ,
, L0019958 , L0019959 , ,

L0019965 L0019960 , L0019961 , L0019962 , L0019963 , L0019964 ,
, L0019966 , L0019967 , ,

L0019973 L0019968 , L0019969 , L0019970 , L0019971 , L0019972 ,
, L0019974 , L0019975 , ,

L0019981 L0019976 , L0019977 , L0019978 , L0019979 , L0019980 ,
, L0019982 , L0019983 , ,

L0019984 , L0019985 , L0019986 , L0019987 , L0019988 ,

L0019989 , L0019990 , L0019991 ,
 L0019992 , L0019993 , L0019994 , L0019995 , L0019996 ,
 L0019997 , L0019998 , L0019999 ,
 *** AERMOD - VERSION 21112 *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs
-----	-----
L0020005	L0020000 , L0020001 , L0020002 , L0020003 , L0020004 , , L0020006 , L0020007 ,
L0020013	L0020008 , L0020009 , L0020010 , L0020011 , L0020012 , , L0020014 , L0020015 ,
L0020021	L0020016 , L0020017 , L0020018 , L0020019 , L0020020 , , L0020022 , L0020023 ,
L0020029	L0020024 , L0020025 , L0020026 , L0020027 , L0020028 , , L0020030 , L0020031 ,
L0020037	L0020032 , L0020033 , L0020034 , L0020035 , L0020036 , , L0020038 , L0020039 ,
L0020045	L0020040 , L0020041 , L0020042 , L0020043 , L0020044 , , L0020046 , L0020047 ,
L0020053	L0020048 , L0020049 , L0020050 , L0020051 , L0020052 , , L0020054 , L0020055 ,
L0020061	L0020056 , L0020057 , L0020058 , L0020059 , L0020060 , , L0020062 , L0020063 ,
L0020069	L0020064 , L0020065 , L0020066 , L0020067 , L0020068 , , L0020070 , L0020071 ,
L0020077	L0020072 , L0020073 , L0020074 , L0020075 , L0020076 , , L0020078 , L0020079 ,

L0020085 L0020080 , L0020081 , L0020082 , L0020083 , L0020084 ,
 , L0020086 , L0020087 ,

 L0020093 L0020088 , L0020089 , L0020090 , L0020091 , L0020092 ,
 , L0020094 , L0020095 ,

 L0021047 L0021042 , L0021043 , L0021044 , L0021045 , L0021046 ,
 , L0021048 , L0021049 ,

 L0021055 L0021050 , L0021051 , L0021052 , L0021053 , L0021054 ,
 , L0021056 , L0021057 ,

 L0021063 L0021058 , L0021059 , L0021060 , L0021061 , L0021062 ,
 , L0021064 , L0021065 ,

 L0021071 L0021066 , L0021067 , L0021068 , L0021069 , L0021070 ,
 , L0021072 , L0021073 ,

 L0021079 L0021074 , L0021075 , L0021076 , L0021077 , L0021078 ,
 , L0021080 , L0021081 ,

 L0021087 L0021082 , L0021083 , L0021084 , L0021085 , L0021086 ,
 , L0021088 , L0021089 ,

 L0021095 L0021090 , L0021091 , L0021092 , L0021093 , L0021094 ,
 , L0021096 , L0021097 ,

 L0021103 L0021098 , L0021099 , L0021100 , L0021101 , L0021102 ,
 , L0021104 , L0021105 ,

*** AERMOD - VERSION 21112 *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs
-----	-----
L0021111 L0021106 , L0021107 , L0021108 , L0021109 , L0021110 , , L0021112 , L0021113 ,	
L0021119 L0021114 , L0021115 , L0021116 , L0021117 , L0021118 , , L0021120 , L0021121 ,	

L0021127	L0021122 , L0021128	, L0021123 , L0021129	, L0021124 ,	, L0021125	, L0021126	,
L0021135	L0021130 , L0021136	, L0021131 , L0021137	, L0021132 ,	, L0021133	, L0021134	,
L0021143	L0021138 , L0021144	, L0021139 , L0021145	, L0021140 ,	, L0021141	, L0021142	,
L0021151	L0021146 , L0021152	, L0021147 , L0021153	, L0021148 ,	, L0021149	, L0021150	,
L0021159	L0021154 , L0021160	, L0021155 , L0021161	, L0021156 ,	, L0021157	, L0021158	,
L0021167	L0021162 , L0021168	, L0021163 , L0021169	, L0021164 ,	, L0021165	, L0021166	,
L0021175	L0021170 , L0021176	, L0021171 , L0021177	, L0021172 ,	, L0021173	, L0021174	,
L0021183	L0021178 , L0021184	, L0021179 , L0021185	, L0021180 ,	, L0021181	, L0021182	,
L0021191	L0021186 , L0021192	, L0021187 , L0021193	, L0021188 ,	, L0021189	, L0021190	,
L0021199	L0021194 , L0021200	, L0021195 , L0021201	, L0021196 ,	, L0021197	, L0021198	,
L0021207	L0021202 , L0021208	, L0021203 , L0021209	, L0021204 ,	, L0021205	, L0021206	,
L0021215	L0021210 , L0021216	, L0021211 , L0021217	, L0021212 ,	, L0021213	, L0021214	,
L0021223	L0021218 , L0021224	, L0021219 , L0021225	, L0021220 ,	, L0021221	, L0021222	,
L0021231	L0021226 , L0021232	, L0021227 , L0021233	, L0021228 ,	, L0021229	, L0021230	,
L0021239	L0021234 , L0021240	, L0021235 , L0021241	, L0021236 ,	, L0021237	, L0021238	,
L0021247	L0021242 , L0021248	, L0021243 , L0021249	, L0021244 ,	, L0021245	, L0021246	,
	L0021250	, L0021251	, L0021252	, L0021253	, L0021254	,

L0021255 , L0021256 , L0021257 ,
 L0021258 , L0021259 , L0021260 , L0021261 , L0021262 ,
 L0021263 , L0021264 , L0021265 ,
 *** AERMOD - VERSION 21112 *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID -----	SOURCE IDs -----
L0021271	L0021266 , L0021267 , L0021268 , L0021269 , L0021270 , , L0021272 , L0021273 ,
L0021279	L0021274 , L0021275 , L0021276 , L0021277 , L0021278 , , L0021280 , L0021281 ,
L0021287	L0021282 , L0021283 , L0021284 , L0021285 , L0021286 , , L0021288 , L0021289 ,
L0021295	L0021290 , L0021291 , L0021292 , L0021293 , L0021294 , , L0021296 , L0021297 ,
L0021303	L0021298 , L0021299 , L0021300 , L0021301 , L0021302 , , L0021304 , L0021305 ,
L0021311	L0021306 , L0021307 , L0021308 , L0021309 , L0021310 , , L0021312 , L0021313 ,
L0021319	L0021314 , L0021315 , L0021316 , L0021317 , L0021318 , , L0021320 , L0021321 ,
L0021327	L0021322 , L0021323 , L0021324 , L0021325 , L0021326 , , L0021328 , L0021329 ,
L0021335	L0021330 , L0021331 , L0021332 , L0021333 , L0021334 , , L0021336 , L0021337 ,
L0021343	L0021338 , L0021339 , L0021340 , L0021341 , L0021342 , , L0021344 , L0021345 ,

L0021351 L0021346 , L0021347 , L0021348 , L0021349 , L0021350 ,
 , L0021352 , L0021353 ,

 L0021359 L0021354 , L0021355 , L0021356 , L0021357 , L0021358 ,
 , L0021360 , L0021361 ,

 L0021367 L0021362 , L0021363 , L0021364 , L0021365 , L0021366 ,
 , L0021368 , L0021369 ,

 L0021375 L0021370 , L0021371 , L0021372 , L0021373 , L0021374 ,
 , L0021376 , L0021377 ,

 L0021383 L0021378 , L0021379 , L0021380 , L0021381 , L0021382 ,
 , L0021384 , L0021385 ,

 L0021391 L0021386 , L0021387 , L0021388 , L0021389 , L0021390 ,
 , L0021392 , L0021393 ,

 L0021399 L0021394 , L0021395 , L0021396 , L0021397 , L0021398 ,
 , L0021400 , L0021401 ,

 L0021407 L0021402 , L0021403 , L0021404 , L0021405 , L0021406 ,
 , L0021408 , L0021409 ,

 L0021415 L0021410 , L0021411 , L0021412 , L0021413 , L0021414 ,
 , L0021416 , L0021417 ,

 L0021423 L0021418 , L0021419 , L0021420 , L0021421 , L0021422 ,
 , L0021424 , L0021425 ,

*** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID

SOURCE IDs

L0021431 L0021426 , L0021427 , L0021428 , L0021429 , L0021430 ,
 , L0021432 , L0021433 ,

 L0021439 L0021434 , L0021435 , L0021436 , L0021437 , L0021438 ,
 , L0021440 , L0021441 ,

L0021447	L0021442 , L0021448	, L0021443 , L0021449	, L0021444 ,	, L0021445	, L0021446	,
L0021455	L0021450 , L0021456	, L0021451 , L0021457	, L0021452 ,	, L0021453	, L0021454	,
L0021463	L0021458 , L0021464	, L0021459 , L0021465	, L0021460 ,	, L0021461	, L0021462	,
L0021471	L0021466 , L0021472	, L0021467 , L0021473	, L0021468 ,	, L0021469	, L0021470	,
L0021479	L0021474 , L0021480	, L0021475 , L0021481	, L0021476 ,	, L0021477	, L0021478	,
L0021487	L0021482 , L0021488	, L0021483 , L0021489	, L0021484 ,	, L0021485	, L0021486	,
L0021495	L0021490 , L0021496	, L0021491 , L0021497	, L0021492 ,	, L0021493	, L0021494	,
L0021503	L0021498 , L0021504	, L0021499 , L0021505	, L0021500 ,	, L0021501	, L0021502	,
L0021511	L0021506 , L0021512	, L0021507 , L0021513	, L0021508 ,	, L0021509	, L0021510	,
L0021519	L0021514 , L0021520	, L0021515 , L0021521	, L0021516 ,	, L0021517	, L0021518	,
L0021527	L0021522 , L0021528	, L0021523 , L0021529	, L0021524 ,	, L0021525	, L0021526	,
L0021535	L0021530 , L0021536	, L0021531 , L0021537	, L0021532 ,	, L0021533	, L0021534	,
L0021543	L0021538 , L0021544	, L0021539 , L0021545	, L0021540 ,	, L0021541	, L0021542	,
L0021551	L0021546 , L0021552	, L0021547 , L0021553	, L0021548 ,	, L0021549	, L0021550	,
L0021559	L0021554 , L0021560	, L0021555 , L0021561	, L0021556 ,	, L0021557	, L0021558	,
L0021567	L0021562 , L0021568	, L0021563 , L0021569	, L0021564 ,	, L0021565	, L0021566	,
	L0021570	, L0021571	, L0021572	, L0021573	, L0021574	,

L0021575 , L0021576 , L0021577 ,
 L0021578 , L0021579 , L0021580 , L0021581 , L0021582 ,
 L0021583 , L0021584 , L0021585 ,
 *** AERMOD - VERSION 21112 *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs
-----	-----
L0021591	L0021586 , L0021587 , L0021588 , L0021589 , L0021590 , , L0021592 , L0021593 ,
L0021599	L0021594 , L0021595 , L0021596 , L0021597 , L0021598 , , L0021600 , L0021601 ,
L0021607	L0021602 , L0021603 , L0021604 , L0021605 , L0021606 , , L0021608 , L0021609 ,
L0021615	L0021610 , L0021611 , L0021612 , L0021613 , L0021614 , , L0021616 , L0021617 ,
L0021623	L0021618 , L0021619 , L0021620 , L0021621 , L0021622 , , L0021624 , L0021625 ,
L0021631	L0021626 , L0021627 , L0021628 , L0021629 , L0021630 , , L0021632 , L0021633 ,
L0021639	L0021634 , L0021635 , L0021636 , L0021637 , L0021638 , , L0021640 , L0021641 ,
L0021647	L0021642 , L0021643 , L0021644 , L0021645 , L0021646 , , L0021648 , L0021649 ,
L0021655	L0021650 , L0021651 , L0021652 , L0021653 , L0021654 , , L0021656 , L0021657 ,
L0021663	L0021658 , L0021659 , L0021660 , L0021661 , L0021662 , , L0021664 , L0021665 ,

L0021671 L0021666 , L0021667 , L0021668 , L0021669 , L0021670 ,
, L0021672 , L0021673 , ,

L0021679 L0021674 , L0021675 , L0021676 , L0021677 , L0021678 ,
, L0021680 , L0021681 , ,

L0021687 L0021682 , L0021683 , L0021684 , L0021685 , L0021686 ,
, L0021688 , L0021689 , ,

L0021695 L0021690 , L0021691 , L0021692 , L0021693 , L0021694 ,
, L0021696 , L0021697 , ,

L0021703 L0021698 , L0021699 , L0021700 , L0021701 , L0021702 ,
, L0021704 , L0021705 , ,

L0021711 L0021706 , L0021707 , L0021708 , L0021709 , L0021710 ,
, L0021712 , L0021713 , ,

L0021719 L0021714 , L0021715 , L0021716 , L0021717 , L0021718 ,
, L0021720 , L0021721 , ,

L0021727 L0021722 , L0021723 , L0021724 , L0021725 , L0021726 ,
, L0021728 , L0021729 , ,

L0021735 L0021730 , L0021731 , L0021732 , L0021733 , L0021734 ,
, L0021736 , L0021737 , ,

L0021743 L0021738 , L0021739 , L0021740 , L0021741 , L0021742 ,
, L0021744 , L0021745 , ,

▲ *** AERMOD - VERSION 21112 *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC *** 08/05/22
*** AERMET - VERSION 16216 ***
*** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

SRCGROUP ID	SOURCE IDs
-----	-----
L0021751 L0021746 , L0021747 , L0021748 , L0021749 , L0021750 , , L0021752 , L0021753 , ,	
L0021759 L0021754 , L0021755 , L0021756 , L0021757 , L0021758 , , L0021760 , L0021761 , ,	

L0021767	L0021762 , L0021768	, L0021763 , L0021769	, L0021764 ,	, L0021765	, L0021766	,
L0021775	L0021770 , L0021776	, L0021771 , L0021777	, L0021772 ,	, L0021773	, L0021774	,
L0021783	L0021778 , L0021784	, L0021779 , L0021785	, L0021780 ,	, L0021781	, L0021782	,
L0021791	L0021786 , L0021792	, L0021787 , L0021793	, L0021788 ,	, L0021789	, L0021790	,
L0021799	L0021794 , L0021800	, L0021795 , L0021801	, L0021796 ,	, L0021797	, L0021798	,
L0021807	L0021802 , L0021808	, L0021803 , L0021809	, L0021804 ,	, L0021805	, L0021806	,
L0021815	L0021810 , L0021816	, L0021811 , L0021817	, L0021812 ,	, L0021813	, L0021814	,
L0021823	L0021818 , L0021824	, L0021819 , L0021825	, L0021820 ,	, L0021821	, L0021822	,
L0021831	L0021826 , L0021832	, L0021827 , L0021833	, L0021828 ,	, L0021829	, L0021830	,
L0021839	L0021834 , L0021840	, L0021835 , L0021841	, L0021836 ,	, L0021837	, L0021838	,
L0021847	L0021842 , L0021848	, L0021843 , L0021849	, L0021844 ,	, L0021845	, L0021846	,
L0021855	L0021850 , L0021856	, L0021851 , L0021857	, L0021852 ,	, L0021853	, L0021854	,
L0021863	L0021858 , L0021864	, L0021859 , L0021865	, L0021860 ,	, L0021861	, L0021862	,
L0021871	L0021866 , L0021872	, L0021867 , L0021873	, L0021868 ,	, L0021869	, L0021870	,
L0021879	L0021874 , L0021880	, L0021875 , L0021881	, L0021876 ,	, L0021877	, L0021878	,
L0021887	L0021882 , L0021888	, L0021883 , L0021889	, L0021884 ,	, L0021885	, L0021886	,
	L0021890	, L0021891	, L0021892	, L0021893	, L0021894	,

L0021895 , L0021896 , L0021897 ,
 L0021898 , L0021899 , L0021900 , L0021901 , L0021902 ,
 L0021903 , L0021904 , L0021905 ,
 ▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
 *** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS

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

	L0021906 , L0021907 , L0021908 , L0021909 , L0021910 ,
▲ *** AERMOD - VERSION 21112 ***	*** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC	*** 08/05/22
*** AERMET - VERSION 16216 ***	***
	*** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----

	2189641.	L0018301 , L0018302 , L0018303 , L0018304 ,
L0018305	, L0018306	, L0018307 ,
L0018308	,	
	L0018309	, L0018310 , L0018311 , L0018312 , L0018313 ,
L0018314	, L0018315	, L0018316 ,
	L0018317	, L0018318 , L0018319 , L0018320 , L0018321 ,
L0018322	, L0018323	, L0018324 ,
	L0018325	, L0018326 , L0018327 , L0018328 , L0018329 ,
L0018330	, L0018331	, L0018332 ,

L0018338 L0018333 , L0018334 , L0018335 , L0018336 , L0018337 ,
 , L0018339 , L0018340 ,

 L0018346 L0018341 , L0018342 , L0018343 , L0018344 , L0018345 ,
 , L0018347 , L0018348 ,

 L0018354 L0018349 , L0018350 , L0018351 , L0018352 , L0018353 ,
 , L0018355 , L0018356 ,

 L0018362 L0018357 , L0018358 , L0018359 , L0018360 , L0018361 ,
 , L0018363 , L0018364 ,

 L0018370 L0018365 , L0018366 , L0018367 , L0018368 , L0018369 ,
 , L0018371 , L0018372 ,

 L0018378 L0018373 , L0018374 , L0018375 , L0018376 , L0018377 ,
 , L0018379 , L0018380 ,

 L0018386 L0018381 , L0018382 , L0018383 , L0018384 , L0018385 ,
 , L0018387 , L0018388 ,

 L0018394 L0018389 , L0018390 , L0018391 , L0018392 , L0018393 ,
 , L0018395 , L0018396 ,

 L0018402 L0018397 , L0018398 , L0018399 , L0018400 , L0018401 ,
 , L0018403 , L0018404 ,

 L0018410 L0018405 , L0018406 , L0018407 , L0018408 , L0018409 ,
 , L0018411 , L0018412 ,

 L0018418 L0018413 , L0018414 , L0018415 , L0018416 , L0018417 ,
 , L0018419 , L0018420 ,

 L0018426 L0018421 , L0018422 , L0018423 , L0018424 , L0018425 ,
 , L0018427 , L0018428 ,

 L0018434 L0018429 , L0018430 , L0018431 , L0018432 , L0018433 ,
 , L0018435 , L0018436 ,

 L0018442 L0018437 , L0018438 , L0018439 , L0018440 , L0018441 ,
 , L0018443 , L0018444 ,

 L0018450 L0018445 , L0018446 , L0018447 , L0018448 , L0018449 ,
 , L0018451 , L0018452 ,

 L0018458 L0018453 , L0018454 , L0018455 , L0018456 , L0018457 ,
 , L0018459 , L0018460 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs				
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L0018466	L0018461 , L0018467	, L0018462 , L0018468	, L0018463 ,	, L0018464	, L0018465 ,	
L0018474	L0018469 , L0018475	, L0018470 , L0018476	, L0018471 ,	, L0018472	, L0018473 ,	
L0018482	L0018477 , L0018483	, L0018478 , L0018484	, L0018479 ,	, L0018480	, L0018481 ,	
L0018490	L0018485 , L0018491	, L0018486 , L0018492	, L0018487 ,	, L0018488	, L0018489 ,	
L0018498	L0018493 , L0018499	, L0018494 , L0018500	, L0018495 ,	, L0018496	, L0018497 ,	
L0018506	L0018501 , L0018507	, L0018502 , L0018508	, L0018503 ,	, L0018504	, L0018505 ,	
L0018514	L0018509 , L0018515	, L0018510 , L0018516	, L0018511 ,	, L0018512	, L0018513 ,	
L0018522	L0018517 , L0018523	, L0018518 , L0018524	, L0018519 ,	, L0018520	, L0018521 ,	
L0018530	L0018525 , L0018531	, L0018526 , L0018532	, L0018527 ,	, L0018528	, L0018529 ,	
L0018538	L0018533 , L0018539	, L0018534 , L0018540	, L0018535 ,	, L0018536	, L0018537 ,	
L0018546	L0018541 , L0018547	, L0018542 , L0018548	, L0018543 ,	, L0018544	, L0018545 ,	
L0018554	L0018549 , L0018555	, L0018550 , L0018556	, L0018551 ,	, L0018552	, L0018553 ,	
	L0018557	, L0018558	, L0018559	, L0018560	, L0018561 ,	

L0018562 , L0018563 , L0018564 ,
 L0018570 , L0018571 , L0018572 ,
 L0018578 , L0018579 , L0018580 ,
 L0018586 , L0018587 , L0018588 ,
 L0018594 , L0018595 , L0018596 ,
 L0018602 , L0018603 , L0018604 ,
 L0018610 , L0018611 , L0018612 ,
 L0018618 , L0018619 , L0018620 ,

*** AERMOD - VERSION 21112 *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
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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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L0018626	L0018621 , L0018622 , L0018623 , L0018624 , L0018625 , L0018627 , L0018628	
L0018634	L0018629 , L0018630 , L0018631 , L0018632 , L0018633 , L0018635 , L0018636	
L0018642	L0018637 , L0018638 , L0018639 , L0018640 , L0018641 , L0018643 , L0018644	
L0018650	L0018645 , L0018646 , L0018647 , L0018648 , L0018649 , L0018651 , L0018652	

L0018658 L0018653 , L0018654 , L0018655 , L0018656 , L0018657 ,
 , L0018659 , L0018660 ,

 L0018666 L0018661 , L0018662 , L0018663 , L0018664 , L0018665 ,
 , L0018667 , L0018668 ,

 L0018674 L0018669 , L0018670 , L0018671 , L0018672 , L0018673 ,
 , L0018675 , L0018676 ,

 L0018682 L0018677 , L0018678 , L0018679 , L0018680 , L0018681 ,
 , L0018683 , L0018684 ,

 L0018690 L0018685 , L0018686 , L0018687 , L0018688 , L0018689 ,
 , L0018691 , L0018692 ,

 L0018698 L0018693 , L0018694 , L0018695 , L0018696 , L0018697 ,
 , L0018699 , L0018700 ,

 L0018706 L0018701 , L0018702 , L0018703 , L0018704 , L0018705 ,
 , L0018707 , L0018708 ,

 L0018714 L0018709 , L0018710 , L0018711 , L0018712 , L0018713 ,
 , L0018715 , L0018716 ,

 L0018722 L0018717 , L0018718 , L0018719 , L0018720 , L0018721 ,
 , L0018723 , L0018724 ,

 L0018730 L0018725 , L0018726 , L0018727 , L0018728 , L0018729 ,
 , L0018731 , L0018732 ,

 L0018738 L0018733 , L0018734 , L0018735 , L0018736 , L0018737 ,
 , L0018739 , L0018740 ,

 L0018746 L0018741 , L0018742 , L0018743 , L0018744 , L0018745 ,
 , L0018747 , L0018748 ,

 L0018754 L0018749 , L0018750 , L0018751 , L0018752 , L0018753 ,
 , L0018755 , L0018756 ,

 L0018762 L0018757 , L0018758 , L0018759 , L0018760 , L0018761 ,
 , L0018763 , L0018764 ,

 L0018770 L0018765 , L0018766 , L0018767 , L0018768 , L0018769 ,
 , L0018771 , L0018772 ,

 L0018778 L0018773 , L0018774 , L0018775 , L0018776 , L0018777 ,
 , L0018779 , L0018780 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs				
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L0018786	L0018781 , L0018787	L0018782 , L0018788	L0018783 ,	L0018784 ,	L0018785 ,	
L0018794	L0018789 , L0018795	L0018790 , L0018796	L0018791 ,	L0018792 ,	L0018793 ,	
L0018802	L0018797 , L0018803	L0018798 , L0018804	L0018799 ,	L0018800 ,	L0018801 ,	
L0018810	L0018805 , L0018811	L0018806 , L0018812	L0018807 ,	L0018808 ,	L0018809 ,	
L0018818	L0018813 , L0018819	L0018814 , L0018820	L0018815 ,	L0018816 ,	L0018817 ,	
L0018826	L0018821 , L0018827	L0018822 , L0018828	L0018823 ,	L0018824 ,	L0018825 ,	
L0018834	L0018829 , L0018835	L0018830 , L0018836	L0018831 ,	L0018832 ,	L0018833 ,	
L0018842	L0018837 , L0018843	L0018838 , L0018844	L0018839 ,	L0018840 ,	L0018841 ,	
L0018850	L0018845 , L0018851	L0018846 , L0018852	L0018847 ,	L0018848 ,	L0018849 ,	
L0018858	L0018853 , L0018859	L0018854 , L0018860	L0018855 ,	L0018856 ,	L0018857 ,	
L0018866	L0018861 , L0018867	L0018862 , L0018868	L0018863 ,	L0018864 ,	L0018865 ,	
L0018874	L0018869 , L0018875	L0018870 , L0018876	L0018871 ,	L0018872 ,	L0018873 ,	
	L0018877 ,	L0018878 ,	L0018879 ,	L0018880 ,	L0018881 ,	

L0018882 , L0018883 , L0018884 ,
 L0018890 , L0018891 , L0018892 , L0018885 , L0018886 , L0018887 , L0018888 , L0018889 ,
 L0018898 , L0018899 , L0018900 , L0018893 , L0018894 , L0018895 , L0018896 , L0018897 ,
 L0018906 , L0018907 , L0018908 , L0018901 , L0018902 , L0018903 , L0018904 , L0018905 ,
 L0018914 , L0018915 , L0018916 , L0018909 , L0018910 , L0018911 , L0018912 , L0018913 ,
 L0018922 , L0018923 , L0018924 , L0018917 , L0018918 , L0018919 , L0018920 , L0018921 ,
 L0018930 , L0018931 , L0018932 , L0018925 , L0018926 , L0018927 , L0018928 , L0018929 ,
 L0018938 , L0018939 , L0018940 , L0018933 , L0018934 , L0018935 , L0018936 , L0018937 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0018946	L0018941 , L0018942 , L0018943 , L0018944 , L0018945 , L0018947 , L0018948	
L0018954	L0018949 , L0018950 , L0018951 , L0018952 , L0018953 , L0018955 , L0018956	
L0018962	L0018957 , L0018958 , L0018959 , L0018960 , L0018961 , L0018963 , L0018964	
L0018970	L0018965 , L0018966 , L0018967 , L0018968 , L0018969 , L0018971 , L0018972	

L0018978 L0018973 , L0018974 , L0018975 , L0018976 , L0018977 ,
 , L0018979 , L0018980 ,

 L0018986 L0018981 , L0018982 , L0018983 , L0018984 , L0018985 ,
 , L0018987 , L0018988 ,

 L0018994 L0018989 , L0018990 , L0018991 , L0018992 , L0018993 ,
 , L0019094 , L0019095 ,

 L0019101 L0019096 , L0019097 , L0019098 , L0019099 , L0019100 ,
 , L0019102 , L0019103 ,

 L0019109 L0019104 , L0019105 , L0019106 , L0019107 , L0019108 ,
 , L0019110 , L0019111 ,

 L0019117 L0019112 , L0019113 , L0019114 , L0019115 , L0019116 ,
 , L0019118 , L0019119 ,

 L0019125 L0019120 , L0019121 , L0019122 , L0019123 , L0019124 ,
 , L0019126 , L0019127 ,

 L0019133 L0019128 , L0019129 , L0019130 , L0019131 , L0019132 ,
 , L0019134 , L0019135 ,

 L0019141 L0019136 , L0019137 , L0019138 , L0019139 , L0019140 ,
 , L0019142 , L0019143 ,

 L0019149 L0019144 , L0019145 , L0019146 , L0019147 , L0019148 ,
 , L0019150 , L0019151 ,

 L0019157 L0019152 , L0019153 , L0019154 , L0019155 , L0019156 ,
 , L0019158 , L0019159 ,

 L0019165 L0019160 , L0019161 , L0019162 , L0019163 , L0019164 ,
 , L0019166 , L0019167 ,

 L0019173 L0019168 , L0019169 , L0019170 , L0019171 , L0019172 ,
 , L0019174 , L0019175 ,

 L0019181 L0019176 , L0019177 , L0019178 , L0019179 , L0019180 ,
 , L0019182 , L0019183 ,

 L0019189 L0019184 , L0019185 , L0019186 , L0019187 , L0019188 ,
 , L0019190 , L0019191 ,

 L0019197 L0019192 , L0019193 , L0019194 , L0019195 , L0019196 ,
 , L0019198 , L0019199 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs				
-----	-----	-----	-----	-----	-----	-----
L0019205	L0019200 , L0019206	, L0019201 , L0019207	, L0019202 ,	, L0019203	, L0019204	,
L0019213	L0019208 , L0019214	, L0019209 , L0019215	, L0019210 ,	, L0019211	, L0019212	,
L0019221	L0019216 , L0019222	, L0019217 , L0019223	, L0019218 ,	, L0019219	, L0019220	,
L0019229	L0019224 , L0019230	, L0019225 , L0019231	, L0019226 ,	, L0019227	, L0019228	,
L0019237	L0019232 , L0019238	, L0019233 , L0019239	, L0019234 ,	, L0019235	, L0019236	,
L0019245	L0019240 , L0019246	, L0019241 , L0019247	, L0019242 ,	, L0019243	, L0019244	,
L0019253	L0019248 , L0019254	, L0019249 , L0019255	, L0019250 ,	, L0019251	, L0019252	,
L0019261	L0019256 , L0019262	, L0019257 , L0019263	, L0019258 ,	, L0019259	, L0019260	,
L0019269	L0019264 , L0019270	, L0019265 , L0019271	, L0019266 ,	, L0019267	, L0019268	,
L0019277	L0019272 , L0019278	, L0019273 , L0019279	, L0019274 ,	, L0019275	, L0019276	,
L0019285	L0019280 , L0019286	, L0019281 , L0019287	, L0019282 ,	, L0019283	, L0019284	,
L0019293	L0019288 , L0019294	, L0019289 , L0019295	, L0019290 ,	, L0019291	, L0019292	,
	L0019296	, L0019297	, L0019298	, L0019299	, L0019300	,

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L0019301 , L0019302 , L0019303 ,
      L0019304 , L0019305 , L0019306 , L0019307 , L0019308 ,
L0019309 , L0019310 , L0019311 ,
      L0019312 , L0019313 , L0019314 , L0019315 , L0019316 ,
L0019317 , L0019318 , L0019319 ,
      L0019320 , L0019321 , L0019322 , L0019323 , L0019324 ,
L0019325 , L0019326 , L0019327 ,
      L0019328 , L0019329 , L0019330 , L0019331 , L0019332 ,
L0019333 , L0019334 , L0019335 ,
      L0019336 , L0019337 , L0019338 , L0019339 , L0019340 ,
L0019341 , L0019342 , L0019343 ,
      L0019344 , L0020965 , L0020966 , L0020967 , L0020968 ,
L0020969 , L0020970 , L0020971 ,
      L0020972 , L0020973 , L0020974 , L0020975 , L0020976 ,
L0020977 , L0020978 , L0020979 ,
^ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
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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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L0020985	L0020980 , L0020986	L0020981 , L0020987 , L0020982 , L0020983 , L0020984 ,
L0020993	L0020988 , L0020994	L0020989 , L0020995 , L0020990 , L0020991 , L0020992 ,
L0021001	L0020996 , L0021002	L0020997 , L0021003 , L0020998 , L0020999 , L0021000 ,
L0021009	L0021004 , L0021010	L0021005 , L0021011 , L0021006 , L0021007 , L0021008 ,

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

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

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

 L0021041 L0021036 , L0021037 , L0021038 , L0021039 , L0021040 ,
 , L0019422 , L0019423 ,

 L0019429 L0019424 , L0019425 , L0019426 , L0019427 , L0019428 ,
 , L0019430 , L0019431 ,

 L0019437 L0019432 , L0019433 , L0019434 , L0019435 , L0019436 ,
 , L0019438 , L0019439 ,

 L0019445 L0019440 , L0019441 , L0019442 , L0019443 , L0019444 ,
 , L0019446 , L0019447 ,

 L0019453 L0019448 , L0019449 , L0019450 , L0019451 , L0019452 ,
 , L0019454 , L0019455 ,

 L0019461 L0019456 , L0019457 , L0019458 , L0019459 , L0019460 ,
 , L0019462 , L0019463 ,

 L0019469 L0019464 , L0019465 , L0019466 , L0019467 , L0019468 ,
 , L0019470 , L0019471 ,

 L0019477 L0019472 , L0019473 , L0019474 , L0019475 , L0019476 ,
 , L0019478 , L0019479 ,

 L0019485 L0019480 , L0019481 , L0019482 , L0019483 , L0019484 ,
 , L0019486 , L0019487 ,

 L0019493 L0019488 , L0019489 , L0019490 , L0019491 , L0019492 ,
 , L0019494 , L0019495 ,

 L0019501 L0019496 , L0019497 , L0019498 , L0019499 , L0019500 ,
 , L0019502 , L0019503 ,

 L0019509 L0019504 , L0019505 , L0019506 , L0019507 , L0019508 ,
 , L0019510 , L0019511 ,

 L0019517 L0019512 , L0019513 , L0019514 , L0019515 , L0019516 ,
 , L0019518 , L0019519 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs				
-----	-----	-----	-----	-----	-----	-----
L0019525	L0019520 , L0019526	, L0019521 , L0019527	, L0019522 ,	, L0019523	, L0019524	,
L0019533	L0019528 , L0019534	, L0019529 , L0019535	, L0019530 ,	, L0019531	, L0019532	,
L0019541	L0019536 , L0019542	, L0019537 , L0019543	, L0019538 ,	, L0019539	, L0019540	,
L0019549	L0019544 , L0019550	, L0019545 , L0019551	, L0019546 ,	, L0019547	, L0019548	,
L0019557	L0019552 , L0019558	, L0019553 , L0019559	, L0019554 ,	, L0019555	, L0019556	,
L0019565	L0019560 , L0019566	, L0019561 , L0019567	, L0019562 ,	, L0019563	, L0019564	,
L0019573	L0019568 , L0019574	, L0019569 , L0019575	, L0019570 ,	, L0019571	, L0019572	,
L0019581	L0019576 , L0019582	, L0019577 , L0019583	, L0019578 ,	, L0019579	, L0019580	,
L0019589	L0019584 , L0019590	, L0019585 , L0019591	, L0019586 ,	, L0019587	, L0019588	,
L0019597	L0019592 , L0019598	, L0019593 , L0019599	, L0019594 ,	, L0019595	, L0019596	,
L0019605	L0019600 , L0019606	, L0019601 , L0019607	, L0019602 ,	, L0019603	, L0019604	,
L0019613	L0019608 , L0019614	, L0019609 , L0019615	, L0019610 ,	, L0019611	, L0019612	,
	L0019616	, L0019617	, L0019618	, L0019619	, L0019620	,

L0019621 , L0019622 , L0019623 ,
 L0019629 , L0019630 , L0019631 , L0019624 , L0019625 , L0019626 , L0019627 , L0019628 ,
 L0019637 , L0019638 , L0019639 , L0019632 , L0019633 , L0019634 , L0019635 , L0019636 ,
 L0019645 , L0019646 , L0019647 , L0019640 , L0019641 , L0019642 , L0019643 , L0019644 ,
 L0019653 , L0019654 , L0019655 , L0019648 , L0019649 , L0019650 , L0019651 , L0019652 ,
 L0019661 , L0019662 , L0019663 , L0019656 , L0019657 , L0019658 , L0019659 , L0019660 ,
 L0019669 , L0019670 , L0019671 , L0019664 , L0019665 , L0019666 , L0019667 , L0019668 ,
 L0019677 , L0019678 , L0019679 , L0019672 , L0019673 , L0019674 , L0019675 , L0019676 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
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L0019685	L0019680 , L0019686	L0019681 , L0019682 , L0019683 , L0019684 ,
L0019693	L0019688 , L0019694	L0019689 , L0019690 , L0019691 , L0019692 ,
L0019701	L0019696 , L0019702	L0019697 , L0019698 , L0019699 , L0019700 ,
L0019709	L0019704 , L0019710	L0019705 , L0019706 , L0019707 , L0019708 ,

L0019717 L0019712 , L0019713 , L0019714 , L0019715 , L0019716 ,
 , L0019718 , L0019719 ,

 L0019725 L0019720 , L0019721 , L0019722 , L0019723 , L0019724 ,
 , L0019726 , L0019727 ,

 L0019733 L0019728 , L0019729 , L0019730 , L0019731 , L0019732 ,
 , L0019734 , L0019735 ,

 L0019741 L0019736 , L0019737 , L0019738 , L0019739 , L0019740 ,
 , L0019742 , L0019743 ,

 L0019749 L0019744 , L0019745 , L0019746 , L0019747 , L0019748 ,
 , L0019750 , L0019751 ,

 L0019757 L0019752 , L0019753 , L0019754 , L0019755 , L0019756 ,
 , L0019758 , L0019759 ,

 L0019765 L0019760 , L0019761 , L0019762 , L0019763 , L0019764 ,
 , L0019766 , L0019767 ,

 L0019773 L0019768 , L0019769 , L0019770 , L0019771 , L0019772 ,
 , L0019774 , L0019775 ,

 L0019781 L0019776 , L0019777 , L0019778 , L0019779 , L0019780 ,
 , L0019782 , L0019783 ,

 L0019789 L0019784 , L0019785 , L0019786 , L0019787 , L0019788 ,
 , L0019790 , L0019791 ,

 L0019797 L0019792 , L0019793 , L0019794 , L0019795 , L0019796 ,
 , L0019798 , L0019799 ,

 L0019805 L0019800 , L0019801 , L0019802 , L0019803 , L0019804 ,
 , L0019806 , L0019807 ,

 L0019813 L0019808 , L0019809 , L0019810 , L0019811 , L0019812 ,
 , L0019814 , L0019815 ,

 L0019821 L0019816 , L0019817 , L0019818 , L0019819 , L0019820 ,
 , L0019822 , L0019823 ,

 L0019829 L0019824 , L0019825 , L0019826 , L0019827 , L0019828 ,
 , L0019830 , L0019831 ,

 L0019837 L0019832 , L0019833 , L0019834 , L0019835 , L0019836 ,
 , L0019838 , L0019839 ,

*** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs				
-----	-----	-----	-----	-----	-----	-----
L0019845	L0019840 , L0019846	, L0019841 , L0019847	, L0019842 ,	, L0019843	, L0019844	,
L0019853	L0019848 , L0019854	, L0019849 , L0019855	, L0019850 ,	, L0019851	, L0019852	,
L0019861	L0019856 , L0019862	, L0019857 , L0019863	, L0019858 ,	, L0019859	, L0019860	,
L0019869	L0019864 , L0019870	, L0019865 , L0019871	, L0019866 ,	, L0019867	, L0019868	,
L0019877	L0019872 , L0019878	, L0019873 , L0019879	, L0019874 ,	, L0019875	, L0019876	,
L0019885	L0019880 , L0019886	, L0019881 , L0019887	, L0019882 ,	, L0019883	, L0019884	,
L0019893	L0019888 , L0019894	, L0019889 , L0019895	, L0019890 ,	, L0019891	, L0019892	,
L0019901	L0019896 , L0019902	, L0019897 , L0019903	, L0019898 ,	, L0019899	, L0019900	,
L0019909	L0019904 , L0019910	, L0019905 , L0019911	, L0019906 ,	, L0019907	, L0019908	,
L0019917	L0019912 , L0019918	, L0019913 , L0019919	, L0019914 ,	, L0019915	, L0019916	,
L0019925	L0019920 , L0019926	, L0019921 , L0019927	, L0019922 ,	, L0019923	, L0019924	,
L0019933	L0019928 , L0019934	, L0019929 , L0019935	, L0019930 ,	, L0019931	, L0019932	,
	L0019936	, L0019937	, L0019938	, L0019939	, L0019940	,

L0019941 , L0019942 , L0019943 ,
 L0019949 , L0019950 , L0019951 ,
 L0019957 , L0019958 , L0019959 ,
 L0019965 , L0019966 , L0019967 ,
 L0019973 , L0019974 , L0019975 ,
 L0019981 , L0019982 , L0019983 ,
 L0019989 , L0019990 , L0019991 ,
 L0019997 , L0019998 , L0019999 ,

*** AERMOD - VERSION 21112 *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** 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
-----	-----	-----
L0020005	L0020000 , L0020006	L0020001 , L0020002 , L0020003 , L0020004 ,
L0020013	L0020008 , L0020014	L0020009 , L0020010 , L0020011 , L0020012 ,
L0020021	L0020016 , L0020022	L0020017 , L0020018 , L0020019 , L0020020 ,
L0020029	L0020024 , L0020030	L0020025 , L0020026 , L0020027 , L0020028 ,

L0020037 L0020032 , L0020033 , L0020034 , L0020035 , L0020036 ,
 , L0020038 , L0020039 ,

 L0020045 L0020040 , L0020041 , L0020042 , L0020043 , L0020044 ,
 , L0020046 , L0020047 ,

 L0020053 L0020048 , L0020049 , L0020050 , L0020051 , L0020052 ,
 , L0020054 , L0020055 ,

 L0020061 L0020056 , L0020057 , L0020058 , L0020059 , L0020060 ,
 , L0020062 , L0020063 ,

 L0020069 L0020064 , L0020065 , L0020066 , L0020067 , L0020068 ,
 , L0020070 , L0020071 ,

 L0020077 L0020072 , L0020073 , L0020074 , L0020075 , L0020076 ,
 , L0020078 , L0020079 ,

 L0020085 L0020080 , L0020081 , L0020082 , L0020083 , L0020084 ,
 , L0020086 , L0020087 ,

 L0020093 L0020088 , L0020089 , L0020090 , L0020091 , L0020092 ,
 , L0020094 , L0020095 ,

 L0021047 L0021042 , L0021043 , L0021044 , L0021045 , L0021046 ,
 , L0021048 , L0021049 ,

 L0021055 L0021050 , L0021051 , L0021052 , L0021053 , L0021054 ,
 , L0021056 , L0021057 ,

 L0021063 L0021058 , L0021059 , L0021060 , L0021061 , L0021062 ,
 , L0021064 , L0021065 ,

 L0021071 L0021066 , L0021067 , L0021068 , L0021069 , L0021070 ,
 , L0021072 , L0021073 ,

 L0021079 L0021074 , L0021075 , L0021076 , L0021077 , L0021078 ,
 , L0021080 , L0021081 ,

 L0021087 L0021082 , L0021083 , L0021084 , L0021085 , L0021086 ,
 , L0021088 , L0021089 ,

 L0021095 L0021090 , L0021091 , L0021092 , L0021093 , L0021094 ,
 , L0021096 , L0021097 ,

 L0021103 L0021098 , L0021099 , L0021100 , L0021101 , L0021102 ,
 , L0021104 , L0021105 ,

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs				
-----	-----	-----	-----	-----	-----	-----
L0021111	L0021106 , L0021112	L0021107 , L0021113	L0021108 ,	L0021109 ,	L0021110 ,	
L0021119	L0021114 , L0021120	L0021115 , L0021121	L0021116 ,	L0021117 ,	L0021118 ,	
L0021127	L0021122 , L0021128	L0021123 , L0021129	L0021124 ,	L0021125 ,	L0021126 ,	
L0021135	L0021130 , L0021136	L0021131 , L0021137	L0021132 ,	L0021133 ,	L0021134 ,	
L0021143	L0021138 , L0021144	L0021139 , L0021145	L0021140 ,	L0021141 ,	L0021142 ,	
L0021151	L0021146 , L0021152	L0021147 , L0021153	L0021148 ,	L0021149 ,	L0021150 ,	
L0021159	L0021154 , L0021160	L0021155 , L0021161	L0021156 ,	L0021157 ,	L0021158 ,	
L0021167	L0021162 , L0021168	L0021163 , L0021169	L0021164 ,	L0021165 ,	L0021166 ,	
L0021175	L0021170 , L0021176	L0021171 , L0021177	L0021172 ,	L0021173 ,	L0021174 ,	
L0021183	L0021178 , L0021184	L0021179 , L0021185	L0021180 ,	L0021181 ,	L0021182 ,	
L0021191	L0021186 , L0021192	L0021187 , L0021193	L0021188 ,	L0021189 ,	L0021190 ,	
L0021199	L0021194 , L0021200	L0021195 , L0021201	L0021196 ,	L0021197 ,	L0021198 ,	
	L0021202 ,	L0021203 ,	L0021204 ,	L0021205 ,	L0021206 ,	

L0021207 , L0021208 , L0021209 ,
 L0021210 , L0021211 , 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 ,

*** AERMOD - VERSION 21112 *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0021271	L0021266 , L0021272	L0021267 , L0021268 , L0021269 , L0021270 , L0021273
L0021279	L0021274 , L0021280	L0021275 , L0021276 , L0021277 , L0021278 , L0021281
L0021287	L0021282 , L0021288	L0021283 , L0021284 , L0021285 , L0021286 , L0021289
L0021295	L0021290 , L0021296	L0021291 , L0021292 , L0021293 , L0021294 , L0021297

L0021303 L0021298 , L0021299 , L0021300 , L0021301 , L0021302 ,
 , L0021304 , L0021305 ,

 L0021311 L0021306 , L0021307 , L0021308 , L0021309 , L0021310 ,
 , L0021312 , L0021313 ,

 L0021319 L0021314 , L0021315 , L0021316 , L0021317 , L0021318 ,
 , L0021320 , L0021321 ,

 L0021327 L0021322 , L0021323 , L0021324 , L0021325 , L0021326 ,
 , L0021328 , L0021329 ,

 L0021335 L0021330 , L0021331 , L0021332 , L0021333 , L0021334 ,
 , L0021336 , L0021337 ,

 L0021343 L0021338 , L0021339 , L0021340 , L0021341 , L0021342 ,
 , L0021344 , L0021345 ,

 L0021351 L0021346 , L0021347 , L0021348 , L0021349 , L0021350 ,
 , L0021352 , L0021353 ,

 L0021359 L0021354 , L0021355 , L0021356 , L0021357 , L0021358 ,
 , L0021360 , L0021361 ,

 L0021367 L0021362 , L0021363 , L0021364 , L0021365 , L0021366 ,
 , L0021368 , L0021369 ,

 L0021375 L0021370 , L0021371 , L0021372 , L0021373 , L0021374 ,
 , L0021376 , L0021377 ,

 L0021383 L0021378 , L0021379 , L0021380 , L0021381 , L0021382 ,
 , L0021384 , L0021385 ,

 L0021391 L0021386 , L0021387 , L0021388 , L0021389 , L0021390 ,
 , L0021392 , L0021393 ,

 L0021399 L0021394 , L0021395 , L0021396 , L0021397 , L0021398 ,
 , L0021400 , L0021401 ,

 L0021407 L0021402 , L0021403 , L0021404 , L0021405 , L0021406 ,
 , L0021408 , L0021409 ,

 L0021415 L0021410 , L0021411 , L0021412 , L0021413 , L0021414 ,
 , L0021416 , L0021417 ,

 L0021423 L0021418 , L0021419 , L0021420 , L0021421 , L0021422 ,
 , L0021424 , L0021425 ,

*** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs				
-----	-----	-----	-----	-----	-----	-----
L0021431	L0021426 , L0021432	L0021427 , L0021433	L0021428 ,	L0021429 ,	L0021430 ,	
L0021439	L0021434 , L0021440	L0021435 , L0021441	L0021436 ,	L0021437 ,	L0021438 ,	
L0021447	L0021442 , L0021448	L0021443 , L0021449	L0021444 ,	L0021445 ,	L0021446 ,	
L0021455	L0021450 , L0021456	L0021451 , L0021457	L0021452 ,	L0021453 ,	L0021454 ,	
L0021463	L0021458 , L0021464	L0021459 , L0021465	L0021460 ,	L0021461 ,	L0021462 ,	
L0021471	L0021466 , L0021472	L0021467 , L0021473	L0021468 ,	L0021469 ,	L0021470 ,	
L0021479	L0021474 , L0021480	L0021475 , L0021481	L0021476 ,	L0021477 ,	L0021478 ,	
L0021487	L0021482 , L0021488	L0021483 , L0021489	L0021484 ,	L0021485 ,	L0021486 ,	
L0021495	L0021490 , L0021496	L0021491 , L0021497	L0021492 ,	L0021493 ,	L0021494 ,	
L0021503	L0021498 , L0021504	L0021499 , L0021505	L0021500 ,	L0021501 ,	L0021502 ,	
L0021511	L0021506 , L0021512	L0021507 , L0021513	L0021508 ,	L0021509 ,	L0021510 ,	
L0021519	L0021514 , L0021520	L0021515 , L0021521	L0021516 ,	L0021517 ,	L0021518 ,	
	L0021522 ,	L0021523 ,	L0021524 ,	L0021525 ,	L0021526 ,	

L0021527 , L0021528 , L0021529 ,
 L0021530 , L0021531 , L0021532 , L0021533 , L0021534 ,
 L0021535 , L0021536 , L0021537 ,
 L0021538 , L0021539 , L0021540 , L0021541 , L0021542 ,
 L0021543 , L0021544 , L0021545 ,
 L0021546 , L0021547 , L0021548 , L0021549 , L0021550 ,
 L0021551 , L0021552 , L0021553 ,
 L0021554 , L0021555 , L0021556 , L0021557 , L0021558 ,
 L0021559 , L0021560 , L0021561 ,
 L0021562 , L0021563 , L0021564 , L0021565 , L0021566 ,
 L0021567 , L0021568 , L0021569 ,
 L0021570 , L0021571 , L0021572 , L0021573 , L0021574 ,
 L0021575 , L0021576 , L0021577 ,
 L0021578 , L0021579 , L0021580 , L0021581 , L0021582 ,
 L0021583 , L0021584 , L0021585 ,

*** AERMOD - VERSION 21112 *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0021591	L0021586 , L0021592	L0021587 , L0021588 , L0021589 , L0021590 , L0021593
L0021599	L0021594 , L0021600	L0021595 , L0021596 , L0021597 , L0021598 , L0021601
L0021607	L0021602 , L0021608	L0021603 , L0021604 , L0021605 , L0021606 , L0021609
L0021615	L0021610 , L0021616	L0021611 , L0021612 , L0021613 , L0021614 , L0021617

L0021623 L0021618 , L0021619 , L0021620 , L0021621 , L0021622 ,
 , L0021624 , L0021625 ,

 L0021631 L0021626 , L0021627 , L0021628 , L0021629 , L0021630 ,
 , L0021632 , L0021633 ,

 L0021639 L0021634 , L0021635 , L0021636 , L0021637 , L0021638 ,
 , L0021640 , L0021641 ,

 L0021647 L0021642 , L0021643 , L0021644 , L0021645 , L0021646 ,
 , L0021648 , L0021649 ,

 L0021655 L0021650 , L0021651 , L0021652 , L0021653 , L0021654 ,
 , L0021656 , L0021657 ,

 L0021663 L0021658 , L0021659 , L0021660 , L0021661 , L0021662 ,
 , L0021664 , L0021665 ,

 L0021671 L0021666 , L0021667 , L0021668 , L0021669 , L0021670 ,
 , L0021672 , L0021673 ,

 L0021679 L0021674 , L0021675 , L0021676 , L0021677 , L0021678 ,
 , L0021680 , L0021681 ,

 L0021687 L0021682 , L0021683 , L0021684 , L0021685 , L0021686 ,
 , L0021688 , L0021689 ,

 L0021695 L0021690 , L0021691 , L0021692 , L0021693 , L0021694 ,
 , L0021696 , L0021697 ,

 L0021703 L0021698 , L0021699 , L0021700 , L0021701 , L0021702 ,
 , L0021704 , L0021705 ,

 L0021711 L0021706 , L0021707 , L0021708 , L0021709 , L0021710 ,
 , L0021712 , L0021713 ,

 L0021719 L0021714 , L0021715 , L0021716 , L0021717 , L0021718 ,
 , L0021720 , L0021721 ,

 L0021727 L0021722 , L0021723 , L0021724 , L0021725 , L0021726 ,
 , L0021728 , L0021729 ,

 L0021735 L0021730 , L0021731 , L0021732 , L0021733 , L0021734 ,
 , L0021736 , L0021737 ,

 L0021743 L0021738 , L0021739 , L0021740 , L0021741 , L0021742 ,
 , L0021744 , L0021745 ,

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs				
-----	-----	-----	-----	-----	-----	-----
L0021751	L0021746 , L0021752	L0021747 , L0021753	L0021748 ,	L0021749 ,	L0021750 ,	
L0021759	L0021754 , L0021760	L0021755 , L0021761	L0021756 ,	L0021757 ,	L0021758 ,	
L0021767	L0021762 , L0021768	L0021763 , L0021769	L0021764 ,	L0021765 ,	L0021766 ,	
L0021775	L0021770 , L0021776	L0021771 , L0021777	L0021772 ,	L0021773 ,	L0021774 ,	
L0021783	L0021778 , L0021784	L0021779 , L0021785	L0021780 ,	L0021781 ,	L0021782 ,	
L0021791	L0021786 , L0021792	L0021787 , L0021793	L0021788 ,	L0021789 ,	L0021790 ,	
L0021799	L0021794 , L0021800	L0021795 , L0021801	L0021796 ,	L0021797 ,	L0021798 ,	
L0021807	L0021802 , L0021808	L0021803 , L0021809	L0021804 ,	L0021805 ,	L0021806 ,	
L0021815	L0021810 , L0021816	L0021811 , L0021817	L0021812 ,	L0021813 ,	L0021814 ,	
L0021823	L0021818 , L0021824	L0021819 , L0021825	L0021820 ,	L0021821 ,	L0021822 ,	
L0021831	L0021826 , L0021832	L0021827 , L0021833	L0021828 ,	L0021829 ,	L0021830 ,	
L0021839	L0021834 , L0021840	L0021835 , L0021841	L0021836 ,	L0021837 ,	L0021838 ,	
	L0021842 ,	L0021843 ,	L0021844 ,	L0021845 ,	L0021846 ,	

L0021847 , L0021848 , L0021849 ,
 L0021850 , L0021851 , L0021852 , L0021853 , L0021854 ,
 L0021855 , L0021856 , L0021857 ,
 L0021858 , L0021859 , L0021860 , L0021861 , L0021862 ,
 L0021863 , L0021864 , L0021865 ,
 L0021866 , L0021867 , L0021868 , L0021869 , L0021870 ,
 L0021871 , L0021872 , L0021873 ,
 L0021874 , L0021875 , L0021876 , L0021877 , L0021878 ,
 L0021879 , L0021880 , L0021881 ,
 L0021882 , L0021883 , L0021884 , L0021885 , L0021886 ,
 L0021887 , L0021888 , L0021889 ,
 L0021890 , L0021891 , L0021892 , L0021893 , L0021894 ,
 L0021895 , L0021896 , L0021897 ,
 L0021898 , L0021899 , L0021900 , L0021901 , L0021902 ,
 L0021903 , L0021904 , L0021905 ,

▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----

L0021906 , L0021907 , L0021908 , L0021909 , L0021910 ,
 ▲ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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,

▲ *** AERMOD - VERSION 21112 *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
OPS HRAV2.ISC *** 08/05/22
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

Surface file: BNAP_V9_ADJU\BNAP_V9.SFC
Met Version: 16216
Profile file: BNAP_V9_ADJU\BNAP_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171
Name: UNKNOWN
Year: 2011

Upper air station no.: 3190
Name: UNKNOWN
Year: 2011

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
11	01	01	1	01	-50.0	0.519	-9.000	-9.000	-999.	897.	296.2	0.15	4.23	
1.00	5.40	108.			9.1	274.2	5.5							
11	01	01	1	02	-54.0	0.559	-9.000	-9.000	-999.	1002.	343.7	0.15	4.23	
1.00	5.80	113.			9.1	273.8	5.5							
11	01	01	1	03	-50.2	0.519	-9.000	-9.000	-999.	899.	296.1	0.15	4.23	
1.00	5.40	112.			9.1	273.1	5.5							
11	01	01	1	04	-45.5	0.469	-9.000	-9.000	-999.	773.	241.8	0.15	4.23	
1.00	4.90	111.			9.1	272.5	5.5							
11	01	01	1	05	-13.5	0.164	-9.000	-9.000	-999.	293.	29.5	0.15	4.23	

1.00	1.80	78.	9.1	270.9	5.5								
11	01	01	1	06	-19.9	0.203	-9.000	-9.000	-999.	220.	45.4	0.15	4.23
1.00	2.20	58.	9.1	270.4	5.5								
11	01	01	1	07	-19.9	0.203	-9.000	-9.000	-999.	220.	45.4	0.15	4.23
1.00	2.20	54.	9.1	270.4	5.5								
11	01	01	1	08	-12.2	0.206	-9.000	-9.000	-999.	224.	60.4	0.15	4.23
0.55	2.20	60.	9.1	270.9	5.5								
11	01	01	1	09	45.6	0.455	0.587	0.005	150.	738.	-174.7	0.15	4.23
0.34	4.50	96.	9.1	273.8	5.5								
11	01	01	1	10	126.7	0.592	0.981	0.005	252.	1092.	-138.5	0.15	4.23
0.27	5.80	102.	9.1	274.9	5.5								
11	01	01	1	11	195.5	0.684	1.823	0.009	1048.	1355.	-138.3	0.15	4.23
0.25	6.70	100.	9.1	275.9	5.5								
11	01	01	1	12	229.2	0.688	2.066	0.009	1302.	1370.	-120.1	0.15	4.23
0.24	6.70	96.	9.1	276.4	5.5								
11	01	01	1	13	190.6	0.647	1.999	0.009	1417.	1254.	-120.0	0.15	4.23
0.24	6.30	95.	9.1	277.0	5.5								
11	01	01	1	14	115.4	0.590	1.708	0.009	1459.	1094.	-150.2	0.15	4.23
0.26	5.80	98.	9.1	277.0	5.5								
11	01	01	1	15	101.2	0.588	1.649	0.009	1496.	1081.	-169.0	0.15	4.23
0.29	5.80	99.	9.1	276.4	5.5								
11	01	01	1	16	27.7	0.534	1.074	0.009	1507.	940.	-462.4	0.15	4.23
0.38	5.40	103.	9.1	276.4	5.5								
11	01	01	1	17	-42.8	0.469	-9.000	-9.000	-999.	777.	242.4	0.15	4.23
0.67	4.90	106.	9.1	275.9	5.5								
11	01	01	1	18	-32.7	0.340	-9.000	-9.000	-999.	489.	127.2	0.15	4.23
1.00	3.60	100.	9.1	274.9	5.5								
11	01	01	1	19	-24.4	0.252	-9.000	-9.000	-999.	308.	69.8	0.15	4.23
1.00	2.70	70.	9.1	273.1	5.5								
11	01	01	1	20	-28.2	0.291	-9.000	-9.000	-999.	377.	93.1	0.15	4.23
1.00	3.10	85.	9.1	273.1	5.5								
11	01	01	1	21	-28.2	0.291	-9.000	-9.000	-999.	377.	93.1	0.15	4.23
1.00	3.10	82.	9.1	273.1	5.5								
11	01	01	1	22	-24.5	0.252	-9.000	-9.000	-999.	304.	69.8	0.15	4.23
1.00	2.70	64.	9.1	272.5	5.5								
11	01	01	1	23	-24.5	0.252	-9.000	-9.000	-999.	304.	69.8	0.15	4.23
1.00	2.70	61.	9.1	272.5	5.5								
11	01	01	1	24	-24.5	0.252	-9.000	-9.000	-999.	304.	69.8	0.15	4.23
1.00	2.70	76.	9.1	272.5	5.5								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
11	01	01	01	5.5	0	-999.	-99.00	274.3	99.0	-99.00	-99.00
11	01	01	01	9.1	1	108.	5.40	-999.0	99.0	-99.00	-99.00

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

^ *** AERMOD - VERSION 21112 *** *** C:\LAKES\AERMOD VIEW\12397 OPS HRAV2\12397
 OPS HRAV2.ISC *** 08/05/22
 *** AERMET - VERSION 16216 *** ***

*** 17:47:21

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5
YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0018301 , L0018302
, L0018303 , L0018304 , L0018305 ,
, L0018311 , L0018312 , L0018313 , L0018308 , L0018309 , L0018310
, L0018319 , L0018320 , L0018321 , L0018316 , L0018317 , L0018318
, L0018327 , L0018328 , . . . , L0018324 , L0018325 , L0018326

*** 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		
495302.20	3757245.34	0.00010	496010.61
3756792.74	0.00019		
496746.57	3755954.46	0.00051	496951.22
3755100.44	0.00152		
496589.14	3754124.41	0.00069	497015.01
3755061.01	0.00152		
497055.19	3755049.52	0.00149	497113.32
3755031.58	0.00144		
497147.05	3755016.51	0.00143	496937.02
3755125.99	0.00149		
497203.53	3754981.09	0.00142	496910.08
3755157.31	0.00148		
496935.23	3754447.62	0.00212	496982.89
3754212.15	0.00210		
497156.68	3754370.53	0.00278	497444.01
3754371.93	0.00320		
497392.15	3754531.71	0.00155	496987.09
3753999.11	0.00062		
496936.64	3754356.52	0.00352	497379.53
3754209.35	0.00205		
497784.59	3754074.80	0.00100	497804.21
3754237.38	0.00251		

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OPS HRAV2.ISC ***

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*** AERMET - VERSION 16216 ***
*** 17:47:21

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*** MODELOPTs: RegDEFAULT 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	0.00352 AT (	496936.64, 3754356.52,
751.88,	769.00, 0.00) DC		
	2ND HIGHEST VALUE IS	0.00320 AT (	497444.01, 3754371.93,
732.79,	758.00, 0.00) DC		
	3RD HIGHEST VALUE IS	0.00278 AT (	497156.68, 3754370.53,
723.50,	771.00, 0.00) DC		
	4TH HIGHEST VALUE IS	0.00251 AT (	497804.21, 3754237.38,
726.91,	760.00, 0.00) DC		
	5TH HIGHEST VALUE IS	0.00212 AT (	496935.23, 3754447.62,
739.45,	770.00, 0.00) DC		
	6TH HIGHEST VALUE IS	0.00210 AT (	496982.89, 3754212.15,
746.15,	771.00, 0.00) DC		
	7TH HIGHEST VALUE IS	0.00205 AT (	497379.53, 3754209.35,
727.85,	758.00, 0.00) DC		
	8TH HIGHEST VALUE IS	0.00155 AT (	497392.15, 3754531.71,
722.13,	758.00, 0.00) DC		
	9TH HIGHEST VALUE IS	0.00152 AT (	496951.22, 3755100.44,
703.85,	733.00, 0.00) DC		
	10TH HIGHEST VALUE IS	0.00152 AT (	497015.01, 3755061.01,
704.88,	733.00, 0.00) DC		

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

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OPS HRVAV2.ISC *** 08/05/22

*** AERMET - VERSION 16216 ***
*** 17:47:21

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1311 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 64 Calm Hours Identified

A Total of 1247 Missing Hours Identified (2.85 Percent)

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

***** WARNING MESSAGES *****
ME W186 5747 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 5747 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

APPENDIX 2.4:
RISK CALCULATIONS

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00147			1.47E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-07	1.6E-08	5.0E+00	1.4E-03	2.9E-04				
TOTAL								1.6E-08			2.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00147			1.47E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-06	3.9E-07	5.0E+00	1.4E-03	2.9E-04				
TOTAL								3.9E-07			2.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**										
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)	
		0.00147			1.47E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.1E-07	6.5E-08	5.0E+00	1.4E-03	2.9E-04					
TOTAL								6.5E-08			2.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
exposure duration (years) 2.5
inhalation rate (L/kg-day) 572
inhalation absorption factor 1
averaging time (years) 70
fraction of time at home 0.72
age sensitivity factor (ages 2 to 16 years) 3

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00000			0.00E+00	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	0.0E+00	0.0E+00	5.0E+00	1.4E-03	0.0E+00				
TOTAL					0.0E+00				0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.00

** 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)	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) 0.47

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
	0.00153	1.53E-06			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.3E-07	1.7E-08	5.0E+00	1.4E-03	3.1E-04					
TOTAL					1.7E-08				3.1E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
	0.00153	1.53E-06			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	4.1E-07	5.0E+00	1.4E-03	3.1E-04					
TOTAL					4.1E-07						3.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**										
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)	
		0.00153			1.53E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.4E-07	3.8E-07	5.0E+00	1.4E-03	3.1E-04					
TOTAL								3.8E-07			3.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
					(ug/m ³) ⁻¹ (f)	(mg/kg/day) ⁻¹ (g)	(mg/kg-day) (h)	 (i)	(ug/m ³) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
	0.00153	1.53E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.8E-07	5.9E-08	5.0E+00	1.4E-03	3.1E-04							
TOTAL					5.9E-08				3.1E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

0.06

** 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) 0.86

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

	Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**										
		(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	R/D (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)	
		1	Diesel Particulates			3.76E-03	3.76E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.9E-07	2.2E-07	5.0E+00	1.4E-03	7.5E-04				
TOTAL									2.3E-07 0.23		7.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

** Key to Toxicological Endpoints

Note: Exposure factors used to calculate contaminant intake

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