APPENDIX B2

MOBILE SOURCE DIESEL HEALTH RISK ASSESSMENT

Gateway South Building 4

MOBILE SOURCE DIESEL HEALTH RISK ASSESSMENT

CITY OF SAN BERNARDINO

PREPARED BY:

Haseeb Qureshi
hqureshi@urbanxroads.com
(949) 336-5987

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(1)	Reference
µg	Microgram
AERMOD	Atmospheric Dispersion Modeling System
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
PCE	Passenger Car Equivalent
PM10	Particulate Matter 10 microns in diameter or less
Project	Gateway South Building 4
REL	Reference Exposure Level
RM	Recommended Measures
SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
URF	Unit Risk Factor
UTM	Universal Transverse Mercator
VMT	Vehicle Miles Traveled

EXECUTIVE SUMMARY

This report evaluated the potential mobile source health risk impacts to sensitive receptors (residents and schools) and adjacent workers associated with the development of the proposed Project, more specifically, health risk impacts as a result of exposure to diesel particulate matter (DPM) as a result of heavy-duty diesel trucks accessing the site. This section summarizes the findings of this report. The results of the health risk assessment of lifetime cancer risk from Project-generated DPM emissions are provided in Table ES-1 below.

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project DPM source emissions is an existing residential home situated just south of the Project's anticipated connection to Washington Avenue. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project DPM source emissions is calculated at 1.45 in one million, which is less than the SCAQMD threshold of 10 in one million. At this same location, non-cancer risks were calculated to be 0.0009, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent residences.

Although the Inland Regional Center is located at a distance of approximately 228 feet east of the Project site across Waterman Avenue it is not considered a sensitive land use for analytical purposes since no persons are expected to reside at this location for a long period of time (e.g., 24 hours per day for 70 years). Notwithstanding, the Inland Regional Center is included in the worker exposure calculations for any workers exposed over the course of their career at the Inland Regional Center.

Worker Exposure Scenario:

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is located immediately adjacent to the northeast corner of the Project site. At the maximally exposed worker (MEIW), the maximum incremental cancer risk impact at this location is 0.93 in one million which is less than the threshold of 10 in one million. At this same location, non-cancer risks were calculated to be 0.003, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent workers.

School Child Exposure Scenario:

It should be noted that there are no schools located within a ¼ mile of the Project site or primary truck routes. As such, the potential impact to any schools in the project area would be negligible and substantially less than the maximum impacts identified for the nearest residential land use. Therefore, no further analysis is required for school child exposure. A detailed discussion on why ¼ mile is used for determining when to include receptors can be found in Section 2.7.3 of this report.

Cumulative Exposure:

The results of the analysis also indicate that the project will not result in a cumulatively considerable impact. Section 2.7 contains a detailed cumulative analysis for the Project.

TABLE ES-1: SUMMARY OF RISK ATTRIBUTABLE TO THE PROJECT

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
70 Year Exposure (2018 to 2087)	Maximum Exposed Sensitive Receptor	1.45	10	NO
40 Year Exposure (2018 to 2057)	Maximum Exposed Worker Receptor	0.93	10	NO
Time Period	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
70 Year Exposure (2018 to 2087)	Maximum Exposed Sensitive Receptor	0.0009	1.0	NO
40 Year Exposure (2018 to 2057)	Maximum Exposed Worker Receptor	0.003	1.0	NO

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1 INTRODUCTION

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

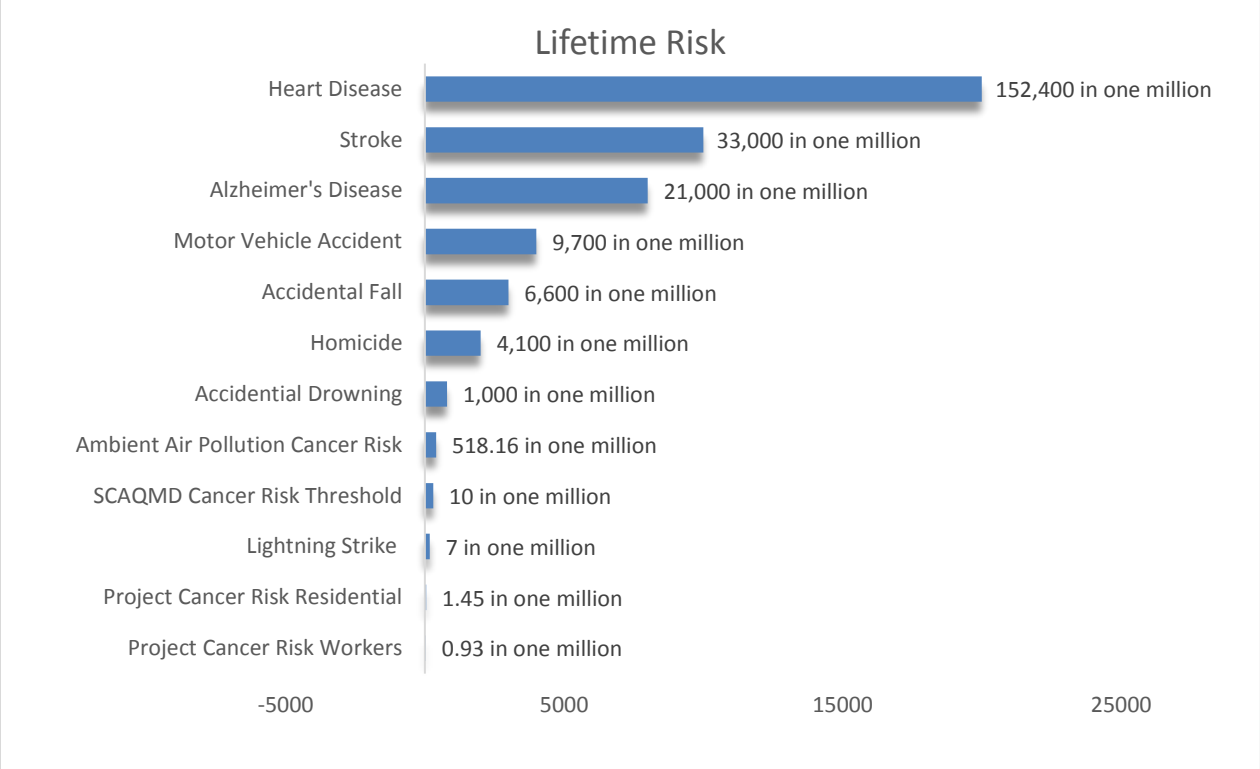
This document also serves to meet the SCAQMD's typical request for preparation of an HRA for projects that generate/attract diesel-fueled trucks which emit diesel particulate matter (DPM). The mobile source HRA has been prepared in accordance with the document Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (1). Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of 10 persons per million as the maximum acceptable incremental cancer risk due to DPM exposure. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulative impact. The 10 in one million standard is a very health-protective significance threshold. A risk level of 10 in one million implies a likelihood that up to 10 persons, 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. This risk would be an excess cancer that is in addition to any cancer risk borne by a person not exposed to these air toxics. To put this risk in perspective, sample causes of death in the United States as well as the estimated risk of developing cancer from the Project or in the South Coast Air Basin are shown on Table 1-1. As an example, the risk of dying from accidental drowning is 1,000 in a million which is 100 times more than the SCAQMD's threshold of 10 in one million, the nearest comparison to 10 in one million is the 7 in one million lifetime chance that an individual would be struck by lightning.

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* (2). In this report the AQMD clearly 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

TABLE 1-1: LIFETIME RISK COMPARISON



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 of than one (1.0) means that adverse health effects are not expected. Within this analysis, non-carcinogenic exposures of less than 1.0 are considered less-than-significant.

1.1 SITE LOCATION

The proposed Gateway South Building 4 site is generally located south of Dumas Street and west of Waterman Avenue in the City of San Bernardino, as shown on Exhibit 1-A.

1.2 STUDY AREA

The Project site is currently occupied by the San Bernardino Public Golf Course. Existing structures on-site totaling approximately 17,575 square feet (s.f) will be demolished prior to building construction. The Project site is bordered by the San Bernardino County Flood Control Channel to the west, a golf driving range that is the site of a future industrial warehouse building to the north, various office industrial land uses to the east, and the Santa Ana River to the south.

1.2 PROJECT DESCRIPTION

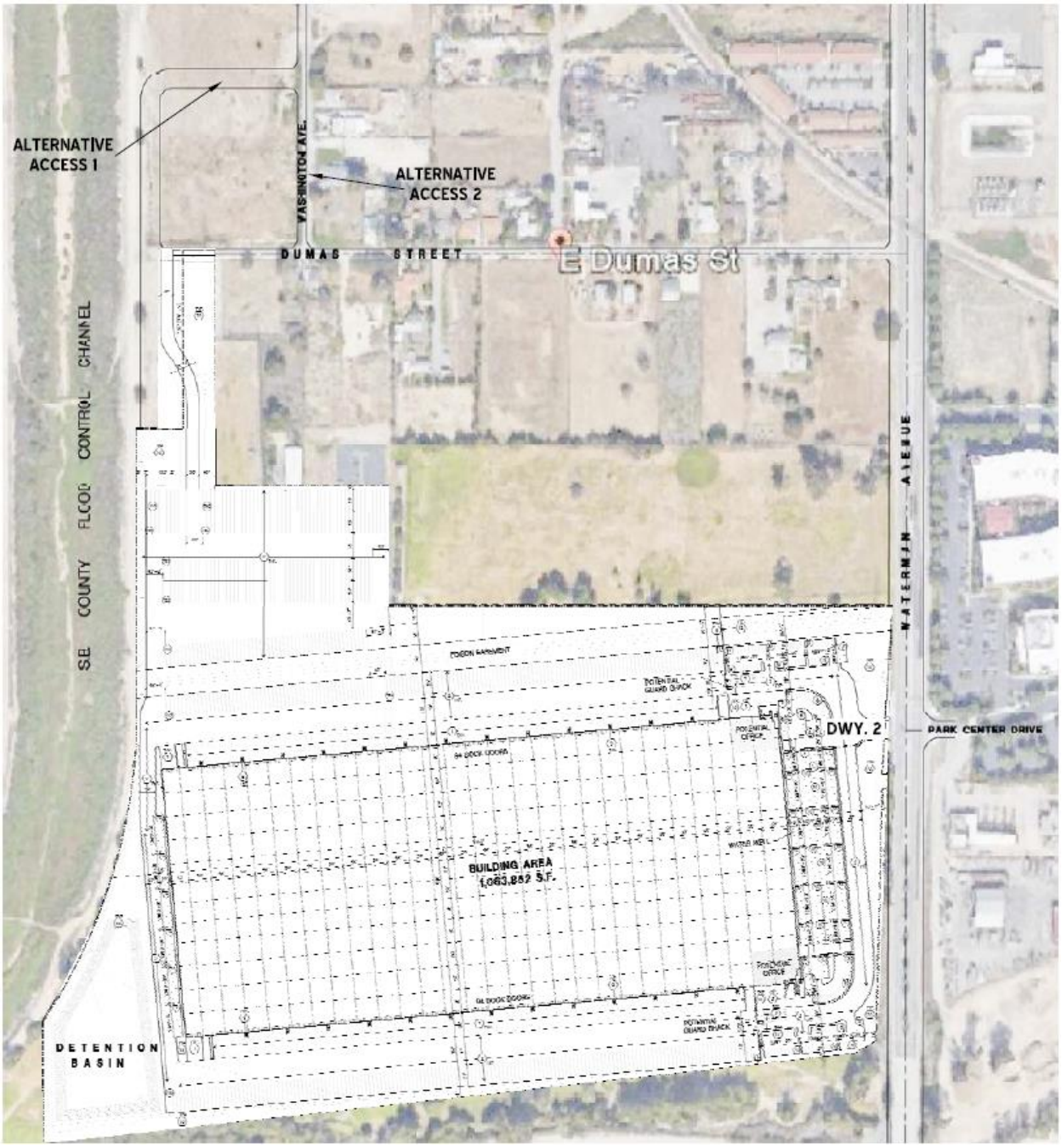
The Project is proposed to consist of a total of 1,063,853 square feet (sf) of high-cube warehouse/distribution center use (as a conservative measure, the analysis herein evaluates 1,064,880 sf of high-cube warehouse/distribution center use; therefore, the impacts disclosed herein are slightly overstated), as shown on Exhibit 1-B. For the purposes of this HRA, the Project is anticipated to be developed in a single phase with an anticipated opening year of 2018.

The Project also provides for a proposed off-site private street access easement extending from the Project site's northern boundary. The easement would extend to Dumas Street, then north and east to existing Washington Avenue, then north to intersect with Orange Show Road. Interim roadway improvements would occur within this easement to provide ingress and egress between the Project site and Orange Show Road.

As part of the Project's design, all on-site outdoor cargo handling equipment (CHE) (including yard trucks, hostlers, yard goats, pallet jacks, forklifts, and other on-site equipment) will be powered by non-diesel fueled engines (e.g., electric or natural gas) and all on-site indoor forklifts shall be electric.

EXHIBIT 1-A: LOCATION MAP

EXHIBIT 1-B: SITE PLAN



2 BACKGROUND

2.1 EXISTING CONDITIONS TOXIC AIR CONTAMINANTS

TOXIC AIR CONTAMINANTS (TACS) IMPROVEMENT

In 1984, as a result of public concern for exposure to airborne carcinogens, the CARB adopted regulations to reduce the amount of air toxic contaminant emissions resulting from mobile and area sources, such as cars, trucks, stationary products, and consumer products.

According to the *Ambient and Emission Trends of Toxic Air Contaminants in California* journal article which was prepared for CARB, results show that between 1990-2012, ambient concentration and emission trends for the seven TACs responsible for most of the known cancer risk associated with airborne exposure in California have declined substantially (3). The seven TACs studied shown below include those that are derived from mobile sources: diesel particulate matter (DPM), benzene, and 1,3-butadiene; those that are derived from stationary sources: perchloroethylene and hexavalent chromium; and those derived from photochemical reactions of emitted VOCs: formaldehyde and acetaldehyde[1]. TACs data was gathered at monitoring sites from both the Bay Area and South Coast Air Basins, as shown on Exhibit 2-A; Several of the sites in the SCAB include Reseda, Compton, Rubidoux, Burbank, and Fontana. The decline in ambient concentration and emission trends of these TACs are a result of various regulations CARB has implemented to address cancer risk.

Mobile Source TACs

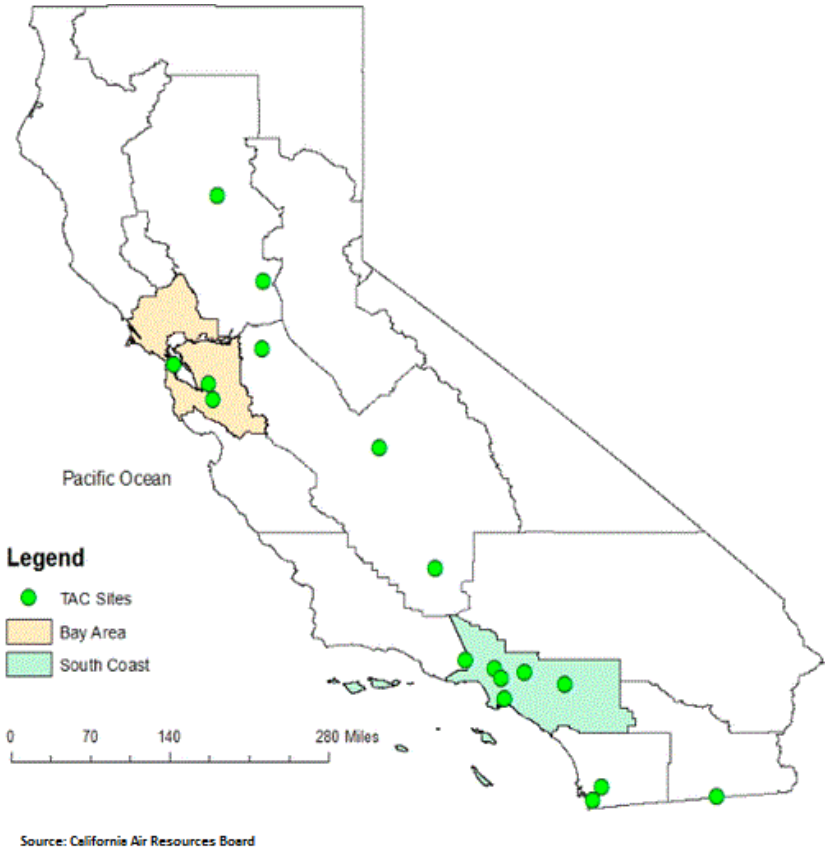
The CARB introduced two programs that aimed at reducing mobile emissions for light and medium duty vehicles through vehicle emissions controls and cleaner fuel. Since 1996, light-duty vehicles sold in California are equipped with California's second-generation On-Board Diagnostic (OBD-II) system as a result of about half of total car emissions stemming from emissions control device malfunctions. CARB's phase II Reformulated Gasoline (RFG-2) regulation, adopted in 1996, also led to a reduction of mobile source emissions. Through such regulations, benzene levels declined 88% from 1990-2012. 1,3-Butadiene concentrations also declined 85% from 1990-2012 as a result of the motor vehicle regulations (3)[2,3].

[1] It should be noted that ambient DPM concentrations are not measured directly. Rather, a surrogate method using the coefficient of haze (COH) and elemental carbon (EC) is used to estimate DPM concentrations.

2 Appendix 2.1 includes an article from The Press Enterprise that summarizes the data published by CARB in the Environmental Science and Technology Journal.

[3] http://www.arb.ca.gov/newsrel/newsrelease.php?id=758

EXHIBIT 2-A: CALIFORNIA TOXIC AIR CONTAMINANT MONITORING SITES

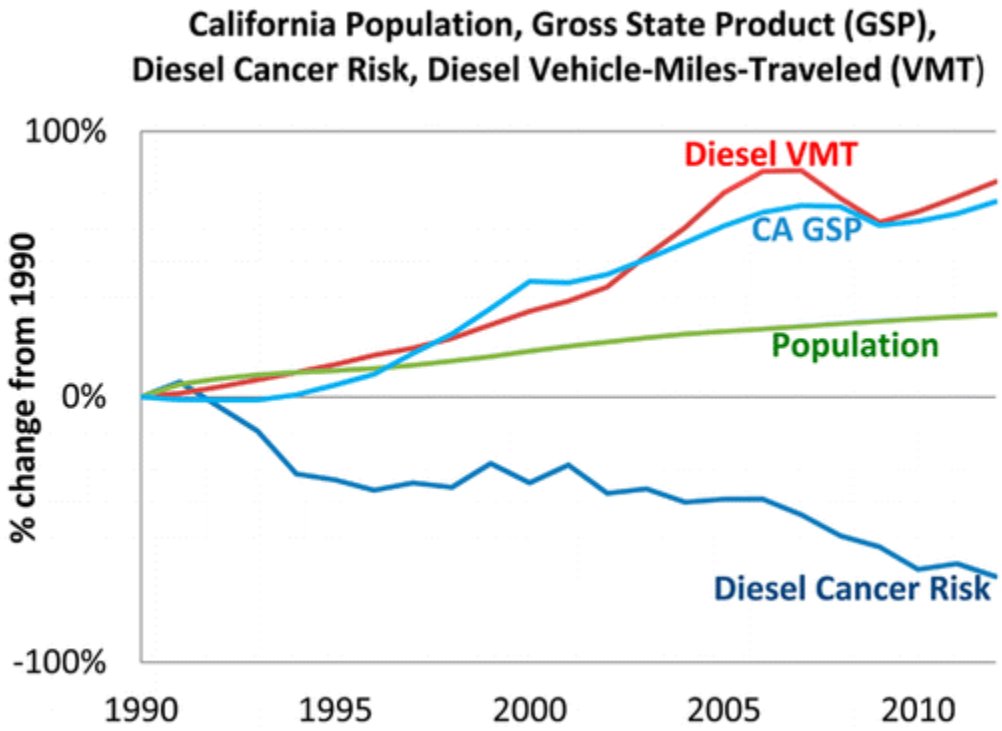


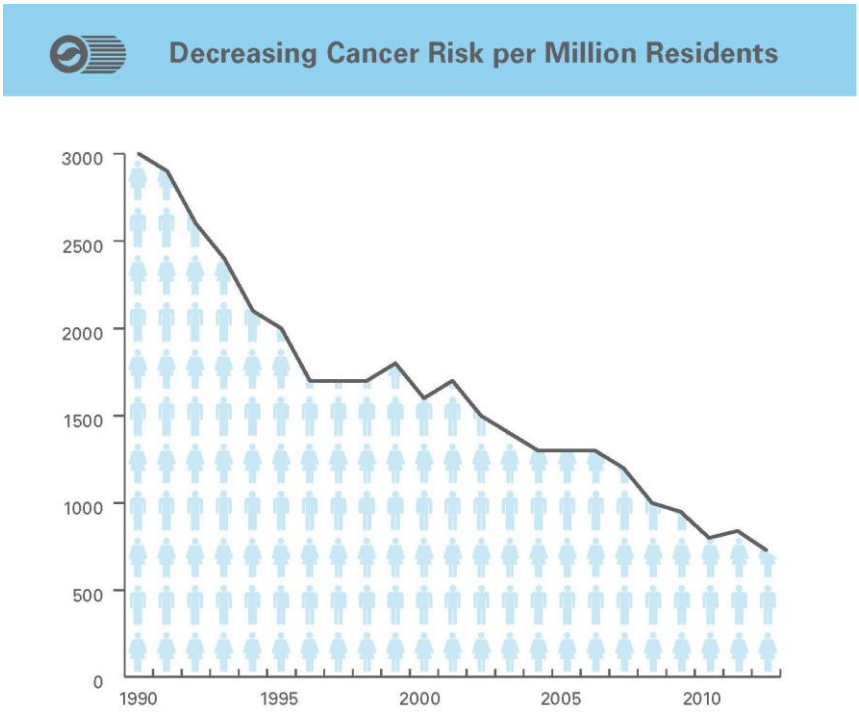
In 2000, CARB's Diesel Risk Reduction Plan (DRRP) recommended the replacement and retrofit of diesel-fueled engines and the use of ultra-low-sulfur (<15ppm) diesel fuel. As a result of these measures, DPM concentrations have declined 68%, even though the state's population increased 31% and the amount of diesel vehicles miles traveled increased 81%, as shown on Exhibit 2-B. With the implementation of these diesel-related control regulations, ARB expects a DPM decline of 71% for 2000-2020.

Stationary Source TACs

Various regulations led to a decrease in perchloroethylene and hexavalent chromium, with a 92% and 86% decline, respectively. By 1993, several local air districts required dry cleaning businesses to use a carbon absorber and refrigerated condenser, as well as, dry-to-dry machines and closed-looped machines instead of vented transfer machines. Starting in 2003, California provided financial incentives for dry cleaners to use other solvents and soon after, the CARB banned the use of perchloroethylene in automotive products, aerosol coatings, and most consumer products. In 2007, CARB's dry cleaning regulation was amended to require phase-out of perchloroethylene machines by 2023, which would further reduce emissions to minimal levels (3).

EXHIBIT 2-B: DIESEL PARTICULATE MATTER AND DIESEL VEHICLE MILES TREND





Source: California Air Resources Board

Hexavalent chromium emissions began to decline in 1988 with the ARB-regulated regulations contributing to more than 97% emission reduction within four years. The various regulations include prohibiting the use of hexavalent chromium in cooling towers (1989), in motor vehicle and mobile equipment coatings (2001), and in thermal spraying operations (2005). By 2005, hexavalent chromium emissions were 99.97% less than in 1987, far exceeding expectations. In 2006, hexavalent chromium emissions were further reduced with the 2006 ARB regulation requiring add-on air pollution control devices and chemical fume suppressants.

Secondary TACs

Between 1996-2012, ambient concentrations of formaldehyde and acetaldehyde declined 22% and 21%, respectively. The decline in these TACs are attributed from increasingly stringent motor vehicle exhaust emission standards, vehicle fleet turnover, fuel reformulation, and the switch from MTBE (formaldehyde precursor) to ethanol in gasoline (3).

As previously discussed, ambient and emissions levels of TACs have reduced significantly from 1990-2012. The overall declining trend in TACs is expected to continue in California from implementation of toxic air controls.

DIESEL REGULATIONS

The CARB and the Ports of Los Angeles and Long Beach have adopted several iterations of regulations for diesel trucks that are aimed at reducing diesel particulate matter (DPM). More specifically, the CARB Drayage Truck Regulation (4), the CARB statewide On-road Truck and Bus Regulation (5), and the Ports of Los Angeles and Long Beach "Clean Truck Program" (CTP) require accelerated implementation of "clean trucks" into the statewide truck fleet (6). In other words, older more polluting trucks will be replaced with newer, cleaner trucks as a function of these regulatory requirements.

Moreover, the average statewide DPM emissions for Heavy Duty Trucks (HHDT), in terms of grams of DPM generated per mile traveled, will dramatically be reduced due to the aforementioned regulatory requirements.

Diesel emissions identified in this analysis would therefore overstate future DPM emissions since not all the regulatory requirements are reflected in the modeling.

CANCER RISK TRENDS

Based on information available from CARB, overall cancer risk throughout the basin has had a declining trend since 1990. In 1998, following an exhaustive 10-year scientific assessment process, the State of California Air Resources Board (ARB) identified particulate matter from diesel-fueled engines as a toxic air contaminant. The SCAQMD initiated a comprehensive urban toxic air pollution study, called MATES-II (for Multiple Air Toxics Exposure Study). MATES-II showed that average cancer risk in the SCAB ranges from 1,100 in a million to 1,750 in a million, with an average regional risk of about 1,400 in a million. Moreover, diesel particulate matter (DPM) accounts for more than 70 percent of the cancer risk.

In 2008 the SCAQMD prepared an update to the MATES-II study, referred to as MATES-III. MATES-III estimates the average excess cancer risk level from exposure to TACs is approximately 1,200 in one million basin-wide (a decrease in a regional risk by 200 in a million in comparison to the MATES-II study).

Nonetheless, the SCAQMD's most recent in-depth analysis of the toxic air contaminants and their resulting health risks for all of Southern California was from the *Multiple Air Toxics Exposure Study in the South Coast Air Basin, MATES IV,"* which shows that cancer risk has decreased more than 50% between MATES III (2005) and MATES IV (2012) (7).

MATES-IV study represents the baseline health risk for a cumulative analysis. MATES-IV estimates the average excess cancer risk level from exposure to TACs is over 900 in one million basin-wide. These model estimates were based on monitoring data collected at ten fixed sites within the South Coast Air Basin. None of the fixed monitoring sites are within the local area of the Project site[4]. However, MATES-IV has extrapolated the excess cancer risk levels throughout the basin by modeling the specific grids. MATES-IV modeling predicted an excess cancer risk of 826.01 in one million for the Project area. DPM is included in this cancer risk along with all other TAC sources. DPM accounts for 68% of the total risk shown in MATES-IV. Cumulative Project generated TACs are limited to DPM.

2.2 EMISSIONS ESTIMATION

Vehicle DPM emissions were calculated using emission factors for particulate matter less than 10µm in diameter (PM_{10}) generated with the 2014 version of the Emission FACtor model (EMFAC) developed by the ARB. EMFAC 2014 is a mathematical model that was developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the ARB to project changes in future emissions from on-road mobile sources (8). The most recent version of this model, EMFAC 2014, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled (VMT) by speed, and number of starts per day.

Further, the EMFAC 2014 user's guide states: "EMFAC2014 is the latest emissions inventory model that calculates emissions inventories for motor vehicles operating on roads in California. EMFAC2014 represents the next step forward in the ongoing improvement process for EMFAC, and reflects the ARB's current understanding of how vehicles travel and how much they pollute. The EMFAC2014 model is needed to support the Air Resources Board's regulatory and air quality planning efforts and to meet the Federal Highway Administration's transportation planning requirements."

Several distinct emission processes are included in EMFAC 2014. Emission factors calculated using EMFAC 2014 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

[4] The MATES IV study does include monitoring stations in the Mira Loma Village, however these monitoring sites are temporary and only monitored for black carbon (BC) and ultrafine particulates (UFP). No risk estimates were derived from this monitored location.

corresponding emission factor units associated with diesel particulate exhaust for this Project are presented in the proceeding discussion below.

For this Project, annual average PM_{10} emission factors were generated by running EMFAC 2014 in EMFAC Mode for vehicles within the SCAQMD jurisdiction. The EMFAC Mode generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of temperature, relative humidity, and vehicle speed. The model was run for speeds traveled in the vicinity of the Project. The vehicle travel speeds for each segment modeled are summarized below. These are average speeds and represent conservative assumptions because lower speeds result in higher emission rates.

- 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.

The average PM10 emission factors for each type of vehicle were calculated based on the annual average emission factors from different model years for various exposure periods associated with assumptions for evaluating exposure to different receptor populations (e.g., sensitive, offsite worker and resident, respectively):

1) 70-year exposure: 2018 through 2087 (Residential Exposure Scenario)
2) 40-year exposure: 2018 through 2057 (Worker Exposure Scenario)

Calculated emission factors for each of these scenarios are shown in Tables 2-1 and 2-2. The emission factors for model years beyond 2050 were assumed to be the same as emission factors in 2050 due to the fact that EMFAC 2014 only contains emission factors for the model year from 2000 through 2050. This is a conservative measure as it assumes no fleet turnover or cleaner technology with lower emissions could be incorporated after 2050.

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 (8):

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

Where:

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

$EF_{RunExhaust}$ (g/VMT): EMFAC running exhaust PM_{10} emission factor at speed A;

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

Similar to off-site traffic, on-site vehicle running emissions were calculated by applying the running exhaust PM_{10} emission factor (g/VMT) from EMFAC and the total vehicle trip number over the length of the driving path using the same formula presented above for on-site emissions. In addition, on-site vehicle idling exhaust emissions were calculated by applying the idle exhaust PM_{10} emission factor (g/idle-hr) from EMFAC and the total truck trip over the total idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes (8):

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

60 minutes per hour / seconds per day

Where:

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

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

TABLE 2-1: WEIGHTED AVERAGE DPM EMISSIONS FACTORS

2018-2087 – 70 Year Residential Exposure Scenario	
Speed	Weighted Average
0 (idling)	0.09918 (g/idle-hr)
5	0.01633 (g/s)
25	0.00872 (g/s)
2018-2057 – 40 Year Worker Exposure Scenario	
Speed	Weighted Average
0 (idling)	0.11638 (g/idle-hr)
5	0.02082 (g/s)
25	0.01049 (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 5.1. 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 in Appendix 2.2. The modeled emission sources are illustrated on Exhibit 2-C. The modeled truck travel routes included in the HRA are based on the truck trip distributions (inbound and outbound) available from the Project's Traffic Impact Analysis (TIA) (9).

On-site truck idling was estimated to occur as trucks enter and travel through the facility. Although the Project is required to comply with CARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions should be estimated for 15 minutes of truck idling

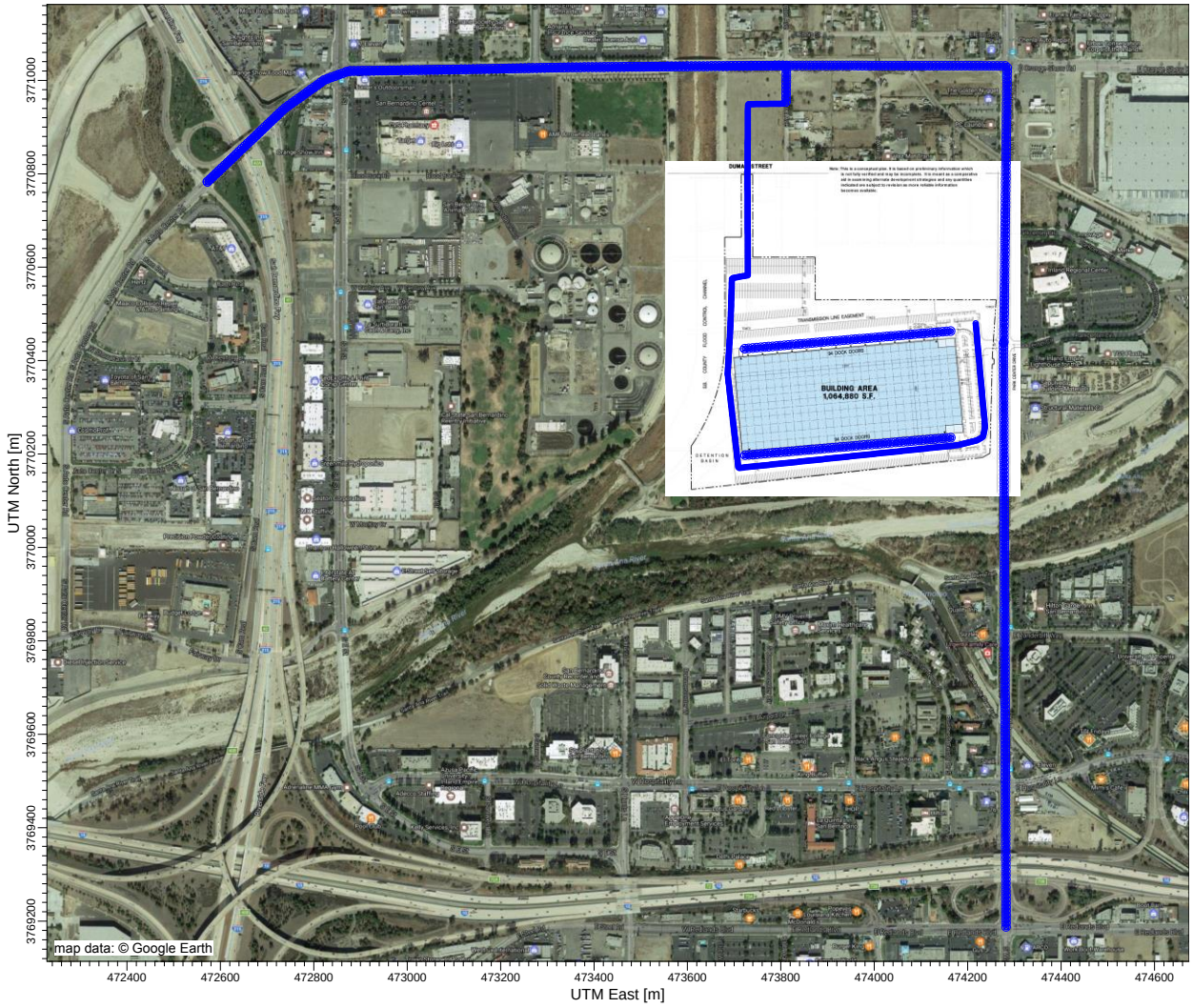
(10), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc. As such, this analysis estimated truck idling at 15 minutes, consistent with SCAQMD's recommendation.

Trip characteristics available from the report, Gateway South Building 4 Traffic Impact Analysis (Urban Crossroads) 2017 were utilized in this analysis (11). It should be noted that the Project's traffic study presents the total Project vehicle trips in terms of Passenger Car Equivalents (PCEs) in an effort to recognize and acknowledge the effects of heavy vehicles at the study area intersections. Notwithstanding, for purposes of the air quality study, the PCE trips were not used. Rather, to more accurately estimate and model vehicular-source emissions, the actual number of vehicles, by vehicle classification (e.g., passenger cars (including light trucks), heavy trucks) were used in the analysis.

The SCAQMD has recently performed surveys of existing facilities and compiled the data to provide interim guidance on the mix of heavy trucks for high-cube warehousing/ distribution facilities. Based on this interim guidance from the SCAQMD, the following truck fleet mix was utilized for the purposes of estimating the truck trip generation for the site: 22.0% of the total trucks as 2-axle trucks, 17.7% of the total trucks as 3-axle trucks, and 60.3% of the total trucks as 4+-axle trucks.

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. According to the AERMOD user's guide, the initial horizontal standard deviation (σy) of individual volume sources should be estimated as the distance between adjacent volume sources divided by 2.15. In a similar manner, the AERMOD user guide specifies that the source initial vertical standard deviation (σz) for a surface-based source should be estimated as the height of the source divided by a factor of 2.15 (12). The release height of 4 meters was assumed for the diesel trucks, consistent with the methodology used in the Diesel Particulate Matter Exposure Assessment Study for the Ports of Los Angeles and Long Beach prepared by CARB in April 2006, and the vertical (sigma z) dispersion parameter of 1.86 meters was utilized in the AERMOD model (13).

EXHIBIT 2-C: MODELED EMISSION SOURCES



2.3 EXPOSURE QUANTIFICATION

CARB estimates that the average Californian is exposed to 1.2-1.8 µg/m^3 of DPM annually, this exposure results in an average cancer risk of 360-540 in one million for the average Californian exposed to DPM (14).

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

- The CARB-adopted diesel exhaust Unit Risk Factor (URF) of 300 in one million per µg/m3 is based upon the upper 95 percentile of estimated risk for each of the epidemiological studies utilized to develop the URF. Using the 95th percentile URF represents a very conservative (health-protective) risk posed by DPM.
- The risk estimates assume sensitive receptors will be subject to DPM for 24 hours a day, 350 days a year. As a conservative measure, the SCAQMD does not recognize indoor adjustments for resident; in other words, SCAQMD assumes that residents spend 100% of their time at home outdoors and the SCAQMD does not factor in physical barriers (i.e., walls and housing structures) that may prevent the infiltration of DPM into the home. Further, based on empirical data it is clear that the typical person spends the majority of their time indoors versus remaining outdoors for 24 hours a day, 350 days a year.[5]
- The emissions derived assume that every truck accessing the project site will idle for 15 minutes under the unmitigated scenario, this is an overestimation of actual idling times and thus conservative.[6] It should be noted that CARB's anti-idling requirements impose a 5-minute maximum idling time and therefore the analysis conservatively overestimates DPM emissions from idling by a factor of 3.

The analysis herein has been conducted in accordance with the guidelines in the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (1). SCAQMD recommends using the Environmental Protection Agency's (U.S. EPA's) AERMOD model. For purposes of this analysis, the model was used to calculate annual average particulate concentrations associated with site operations.

SCAQMD required model parameters are presented in Table 2-2 (12). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's Fontana monitoring station (SRA 34) located approximately 4 miles southwest of the Project site was used to represent local weather conditions and prevailing winds (15).

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

[6] Although the Project is required to comply with CARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions should be estimated for 15 minutes of truck idling (personal communication, phone call, with James Koizumi, May 6, 2009), 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 2-2: AERMOD MODEL PARAMETERS

Dispersion Coefficient (Urban/Rural)	Urban
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 North American Datum (NAD) 83 were used to locate the project boundaries, each volume source location, and receptor locations in the project vicinity. The AERMOD dispersion model summary output files for the proposed facility are presented in Appendix 5.1.

Modeled sensitive receptors were placed at discrete residential and non-residential locations for the applicable residential and non-residential scenarios. Additionally, based on recommendations from SCAQMD staff, a receptor grid with 100 meter spacing was placed at residential and worker locations in order to ensure that the maximum impacts are properly analyzed.

Receptors were placed at applicable structure locations for residential and worker property and not the necessarily the boundaries of these uses. It should be noted that the primary purpose of receptor placement is focused on long-term exposure. For example, the HRA evaluates the potential health risks to residential and worker over a period of 70 or 40 years of exposure respectively. As such, even though it is unlikely to occur in practical terms (because the amount of time spent indoors), this study assumes that a resident or worker would be exposed over a long-period of time for 12 or 24-hours per day at the structure they reside or work.

Furthermore, worker receptors immediately adjacent to the Project site have been evaluated in the HRA. Any impacts to workers located at schools and other worker locations located further away from the Project site and the modeled worker receptors would be less than what has already been disclosed in the HRA.

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the OEHHA guidance document entitled Air Toxic Hot Spots Program Risk Assessment Guidelines, Part IV: Technical Support Document for Exposure Assessment and Stochastic Analysis (16) and guidance from SCAQMD. Table 2-3 summarizes the Exposure Parameters for Residents and Offsite Worker. Appendix "5.2" includes the detailed emissions and risk calculation outputs. (17)

TABLE 2-3: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK

Exposure Parameter	Units	Residential	Worker
Exposure Frequency	days/year	350	245
Exposure Duration	years	70	40
Inhalation Rate [a]	L/kg-day	302	149
Exposure Duration	Years	70	40
Exposure Time	hours/day	24	12

[a] The residential breathing rate of 302 L/kg-day represents the 80th percentile breathing rate per ARB and consistent with SCAQMD Risk Assessment Procedures for Rules 1401 and 212, the worker breathing rate of 149 L/kg-day is also consistent with SCAQMD Risk Assessment Procedures for Rules 1401 and 212.

2.4 CARCINOGENIC CHEMICAL RISK

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

Excess cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a unitless probability. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 10 in one million implies a likelihood that up to 10 people, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of toxic air contaminants over a specified duration of time. To put this risk in perspective, sample causes of death in the United States as well as the estimated risk of developing cancer from the Project or in the South Coast Air Basin (as previously shown) on Exhibit 1-A. As an example, the risk of dying from accidental drowning is 1,000 in a million which is 100 times more than the SCAQMD's threshold of 10 in one million, the nearest comparison to 10 in one million is the 7 in one million lifetime chance that an individual would be struck by lightning.

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.

DOSEair = (Cair × [BR/BW] × A × EF) x (1 x 10 -6)

Where:

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

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

[BR/BW] = daily breathing rate normalized to body weight (L/kg BW-day)

A = inhalation absorption factor

EF = exposure frequency (days/365 days)

BW = body weight (kg)

1 x 10 -6 = conversion factors (ug to mg, L to m3)

RISKair = DOSEair x CPF x ED/AT

Where:

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

CPF = cancer potency factor

ED = number of years within particular age group

AT = averaging time

2.5 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or 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 $\mu g/m^3$ (OEHHA Toxicity Criteria Database, http://www.oehha.org/risk/chemicaldb/index.asp).

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

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

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

Where:

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

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

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

2.6 POTENTIAL PROJECT-RELATED DPM SOURCE CANCER AND NON-CANCER RISKS[7]

Project-related DPM-source cancer and non-cancer risks for residential, worker, and school child exposure scenarios for the Project are considered herein and are summarized as follows.

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project DPM source emissions is an existing residential home situated just south of the Project's anticipated connection to Washington Avenue. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project DPM source emissions is calculated at 1.45 in one million, which is less than the SCAQMD threshold of 10 in one million. At this same location, non-cancer risks were calculated to be 0.0009, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent residences. Exhibit 2-D illustrates the nearest modeled residential receptors and the MEIR.

Although the Inland Regional Center is located at a distance of approximately 228 feet east of the Project site across Waterman Avenue it is not considered a sensitive land use for analytical purposes since no persons are expected to reside at this location for a long period of time (e.g., 24 hours per day for 70 years). Notwithstanding, the Inland Regional Center is included in the worker exposure calculations for any workers exposed over the course of their career at the Inland Regional Center.

Worker Exposure Scenario:

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is located immediately adjacent to the northeast corner of the Project site. At the maximally exposed worker (MEIW), the maximum incremental cancer risk impact at this location is 0.93 in one million which is less than the threshold of 10 in one million. At this same location, non-cancer risks were calculated to be 0.003, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. Exhibit 2-E illustrates the nearest modeled worker receptors and the MEIW.

School Child Exposure Scenario:

It should be noted that there are no schools located within a ¼ mile of the Project site or primary truck routes. As such, the potential impact to any schools in the project area would be negligible and substantially less than the maximum impacts identified for the nearest residential land use. Therefore, no further analysis is required for school child exposure. A detailed discussion on why ¼ mile is used for determining when to include receptors can be found in Section 2.7.3 of this report.

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

EXHIBIT 2-D: NEAREST MODELED RESIDENTIAL RECEPTORS

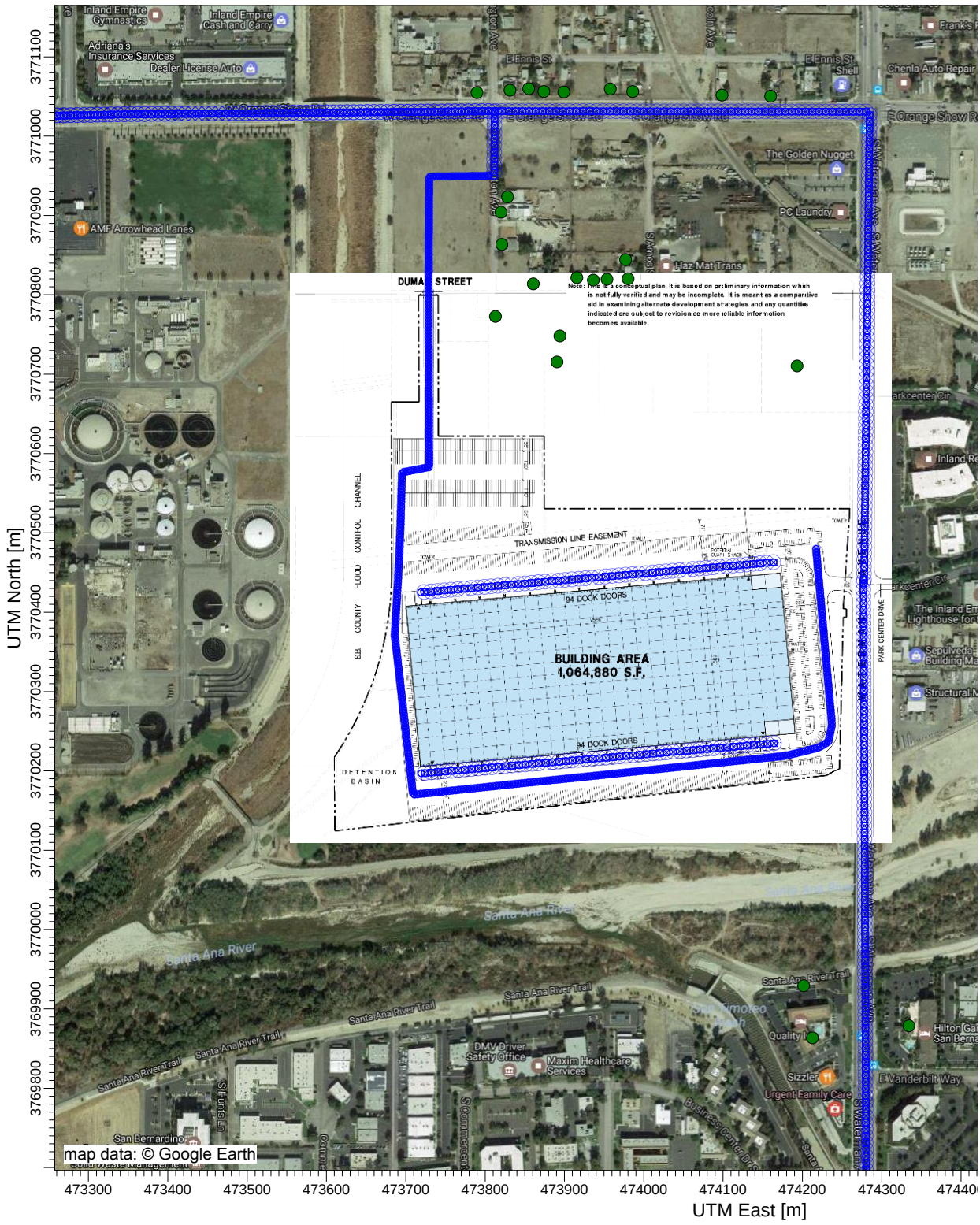
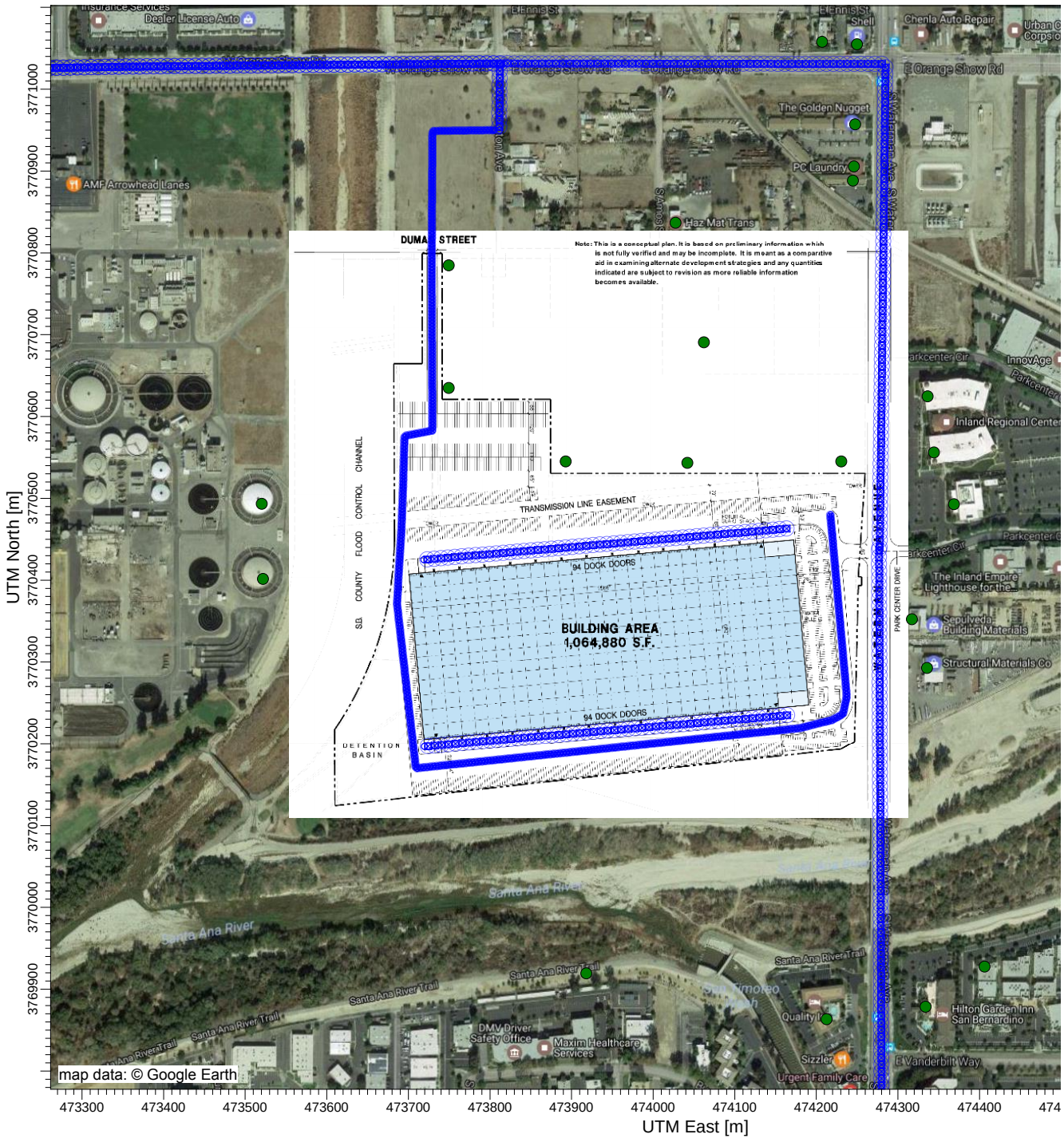


EXHIBIT 2-E: NEAREST MODELED WORKER RECEPTORS



2.7 CUMULATIVE TOXIC AIR CONTAMINANTS (TAC) EMISSIONS IMPACTS

2.7.1 EXISTING CONDITIONS FOR TOXIC EMISSIONS

There are no state or federal ambient air quality standards applicable to TAC emissions. Preparing a cumulative assessment for TACs is complicated by the fact that site-specific impacts can be far different from average impacts over a larger geographic area. Impacts from TAC emissions are highest closest to sources of TACs, but the sources are often spread over a large area. For example, emissions from diesel engines, the largest source of risk from TACs, are operated on roads, businesses, and construction sites throughout the air basin. Locations where large numbers of TAC sources are concentrated such as freeways, rail yards, and ports may pose a higher level of risk to sensitive receptors near these facilities. Examination of the risk from TACs at national, state, regional, and local levels is useful for providing context, but site-specific evaluation is ultimately necessary to determine existing conditions for development projects.

2.7.2 AMBIENT TAC IMPACTS PRESUMED CUMULATIVELY SIGNIFICANT

The SCAQMD has conducted an in-depth analysis of the toxic air contaminants and their resulting health risks for all of Southern California. This study, the Multiple Air Toxics Exposure Study in the South Coast Air Basin, MATES IV," shows that cancer risk has decreased more than 55% between MATES III (2005) and MATES IV (2012). This is a result of uniform CEQA review, low-sulfur diesel fuel regulations, new fleets coming on line, and the imposition of clean truck access rules at the Ports of Long Beach and Los Angeles.

MATES-IV is the most comprehensive dataset documenting the ambient air toxic levels and health risks associated with the South Coast Air Basin emissions. Therefore, MATES-IV study represents the baseline health risk for a cumulative analysis. MATES-IV calculated cancer risks based on monitoring data collected at ten fixed sites within the South Coast Air Basin (SCAB). None of the fixed monitoring sites are within the local area of the Project site. However, MATES-IV has extrapolated the excess cancer risk levels throughout the basin by modeling the specific grids. MATES-IV modeling predicted an excess cancer risk of 826.01 in one million for the Project area. DPM is included in this cancer risk along with all other TAC sources. DPM accounts for 68% of the total risk shown in MATES-IV.

The SCAQMD has established a significance threshold for incremental project-level TAC impacts. Specifically, if a given project would generate TACs resulting in or causing an increase in cancer risks of 10 or more incidents per million population, that project's incremental cancer risk would be considered significant. This same significance threshold (10 in one million) is applied by SCAQMD in determining whether a given project's incremental contribution to ambient TAC-source cancer risks is cumulatively considerable. The SCAQMD has not however established a significance threshold for ambient cumulative TAC impacts affecting the Basin. Likewise, the City of San Bernardino (the Lead Agency) has no adopted cumulative TAC impacts significance threshold.

Absent an established threshold for cumulative TAC impacts, the following discussion assesses whether, in the light of other available existing information, the ambient cumulative TAC-source

impacts affecting the Basin and the area encompassing the Project site could be characterized as significant.

As noted previously, MATES-IV estimates that in the localized area encompassing the Project site, the risk is estimated at 826.01 incidents per million population. This existing cumulative TAC-source cancer risk level far exceeds the 10 in one million cancer risk at which project-level TAC-source cancer risks would be determined significant employing SCAQMD thresholds.

Comparing the ambient cumulative TAC-source cancer risk (826.01 per million locally) to the SCAQMD's established threshold for project-level TAC-source cancer risks (10 in one million), the ambient cumulative TAC-source cancer risk is approximately 83 times greater than the incremental risk at which project-level TAC-source cancer risks would be considered significant.

Although there is not yet an established significance threshold for ambient cumulative TAC impacts, given the magnitude by which the ambient cumulative condition exceeds SCAQMD's established project-level significance threshold (ambient cumulative TAC conditions are 75 times greater than the project-level threshold), the ambient cumulative condition would likely exceed whatever significance threshold may be established for cumulative impacts affecting the Basin. On this basis, and absent a prevailing threshold adopted by the Lead or Responsible Agency, ambient cumulative TAC impacts are presumed to be significant.

2.7.3 JUSTIFICATION OF THE GEOGRAPHIC SCOPE OF THE ANALYSIS

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 ARB 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 (18).

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

For assessing the cumulative impacts of a new source of TAC emissions associated with a project in combination with existing sources and probable future sources, a project radius is necessary. Assessment of impacts from existing sources within 1,000 feet of the new source in combination with risks and hazards from the new source is recommended. Then, once the location of the maximally impacted receptor is identified for the project, cumulative impacts from other sources within the radius of the project (i.e., not the receptor) are assessed at that location. Assessments should sum individual hazards or risks to find the cumulative impact at the location of the maximally impacted receptor from the new source.

Lastly, the Waters Bill (AB 3205) (H&SC Section, 42301.6 through 42301.9) (19) addresses sources of hazardous air pollutants near schools and although not directly applicable to this project, this bill further evidences the propriety of considering hazardous emissions sources within a defined

1,000 foot radius. That is, pursuant to the Waters Bill, prior to approving an application for a permit to construct or modify a source which emits hazardous air emissions, which source is located within 1,000 feet from the outer boundary of a school site, the air pollution control officer shall prepare a public notice in which the proposed project or modification for which the application for a permit is made is fully described.

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

2.7.4 RELATED PROJECTS CONTRIBUTION TO CUMULATIVE TAC IMPACTS

In addition to the MATES-IV cumulative TAC-source cancer risk noted above, other new or proposed potential TAC-generating projects (related projects) in the Study Area could contribute to cumulative TAC impacts. These related projects, due to their recent and/or tentative nature, may not be reflected in the cumulative TAC impacts identified in the MATES-IV study.

In consultation with the Lead Agency, related TAC-generating projects located within a one-quarter mile radius of the Project were identified and are reflected in this cumulative TAC analysis. The related projects listed below were selected based on their propensity to generate TACs that would contribute to, or interact with, TACs generated by the Project.

Of the cumulative projects identified in the Project's traffic study, the following are generally located within the quarter-mile buffer of the Project site and primary truck routes:

- CSB22: Orange Show Road Warehouse (342,000 square feet warehouse) [8]
- CSB23: Waterman Industrial Center (564,652 square feet warehouse) [9]
- CSB26: Alliance California Gateway South Building 3 (1,199,360 square feet warehouse)[10]
- CSB66: DP-D16-22 (14,202 square feet warehouse)[11]

The primary TAC-source emission associated with the cumulative projects would be DPM associated with any truck trips accessing the cumulative projects and traveling on roadways in the study area. As such, the estimated health risks from these cumulative projects has been totaled. The total maximum estimated cancer risk associated with the cumulative projects identified above is estimated to be 9.94 in one million. This estimate is based on based on the proposed square footage of all industrial-related land uses, previously completed environmental documentation, and Urban Crossroads' professional expertise in the preparation of health risk

[8] The potential health risk is estimated at 0.67 in one million based on the *Orange Show Logistics Center Mobile Source Health Risk Assessment* (Urban Crossroads, Inc. January 2016).

[9] The potential health risk is estimated at 3.39 in one million based on the *Waterman Industrial Center Health Risk Impact Analysis* (Kunzman Associates, January 2016).

[10] The potential health risk is estimated at 5.88 in one million based on the *Alliance California Gateway South Building 3 Mobile Source Health Risk Assessment* (Urban Crossroads, Inc. September 2013).

[11] Based on the size of the proposed warehouse, the incremental health risk would be negligible. No environmental documentation is available for this proposed development.

assessments. It is important to note that the risk value of 9.94 from related projects is likely a very conservative overstatement of the actual risk that is likely to occur at any given location. As a conservative measure to overstate rather than understate the potential risk impacts this analysis assumes that the maximum impact from each related project overlaps and would occur at the same location in the Project vicinity.

2.7.5 PROJECT MAXIMUM CONTRIBUTION TO CUMULATIVE TAC IMPACTS

Project-source TACs would incrementally increase the background cancer risk by a maximum of 1.45 incidents per million population. The applicable SCAQMD significance threshold for Project-level TAC-source cancer risk impacts is 10 incidents per million population. Similarly, SCAQMD significance thresholds state that Project contributions to cumulative TAC-source cancer risks would be cumulatively considerable if greater than 10 incidents per million population would occur. The 1.45 incidents per million population increment resulting from the Project is therefore not significant, nor cumulatively considerable.

2.7.6 CUMULATIVE IMPACTS

The Project's contribution is less than cumulatively considerable because it is less than the 10 in one million incremental cancer risk threshold established by the SCAQMD. Lastly, it should be noted that although there will be ambient growth in the Project vicinity, any increase in emissions and consequently cancer risk from ambient growth would be offset by the expected decrease in future risk estimates due to the natural turnover of older fleets and equipment being replaced by more efficient, less polluting engines and regulatory actions being phased in.

As noted above at Section 2.7.5, the Project's maximum contribution to cumulative TAC Impacts would not be cumulatively considerable. For informational and disclosure purposes, cumulative TAC impacts are further defined for each potential exposure scenario (residential and worker) and are summarized below and on Table 2-4. As previously noted that the risk value of 9.94 from related projects is likely a very conservative overstatement of the actual risk that is likely to occur at any given location. As an extremely conservative measure to overstate rather than understate the potential risk impacts this analysis assumes that the maximum impact from each related project overlaps and would occur at the same location in the Project vicinity for the residential and worker exposure scenarios.

Residential Exposure Scenario:

The greatest cumulative with Project cancer risk to residential receptors is 837.40 in one million based on MATESIV data (826.01 background) plus 9.94 (cumulative projects) plus the proposed Project at 1.45 in one million. The Project's maximum incremental contribution to the cumulative health risk in the Project area is 1.45 in one million which is less than the 10 in one million incremental threshold set by SCAQMD, and is therefore considered to have a less than cumulatively considerable impact. Accordingly, pursuant to SCAQMD cumulative impact criteria, the Project's Residential Exposure impacts would not be cumulatively considerable.

Worker Exposure Scenario:

The greatest cumulative with Project cancer risk to worker receptors is 836.88 in one million based on MATESIV data (826.01 background) plus 9.94 (cumulative projects) plus the proposed Project at 0.93 in one million. The Project's maximum incremental contribution to the cumulative health risk in the Project area is 0.93 in one million which is less than the 10 in one million incremental threshold set by SCAQMD, and is therefore considered to have a less than cumulatively considerable impact. Accordingly, pursuant to SCAQMD cumulative impact criteria, the Project's Worker Exposure impacts would not be cumulatively considerable.

TABLE 2-4: STUDY AREA CUMULATIVE CANCER RISK [12]

	Cancer Risk as Maximum Sensitive Receptor (risk in one million)			
	Background*	Related Projects TACs	Project TACs	Maximum Cumulative Risk
Maximum Impact to All Receptors Without Project	826.01	9.94		835.95
Maximum Impact to Nearest Residential With Project	826.01	9.94	1.45	837.40
Maximum Impact to Nearest Worker With Project	826.01	9.94	0.93	836.88
	*Source: **MATES IV Carcinogenic Risk Interactive Map** (SCAQMD 2015).			

2.7.7 SUMMARY AND CONCLUSIONS

To provide context for, and quantify cumulative TAC effects within the Study Area, the Project TAC-source cancer risk, and the TAC-source cancer risks from the related projects identified herein, were added to the total background risk derived by the MATES IV study, yielding a maximum potential cumulative TAC-source risk affecting the Study Area. As indicated at Table 2-4, the maximum potential cumulative cancer risk within the Study Area is calculated at 837.40 in one million. As previously noted that the risk value of 9.94 from related projects is likely a very conservative overstatement of the actual risk that is likely to occur at any given location. As an extremely conservative measure to overstate rather than understate the potential risk impacts this analysis assumes that the maximum impact from each related project overlaps and would

12 Although cumulative impacts typically represent a General Plan Buildout Scenario, there is no such data available for what General Plan Buildout DPM emissions impacts would be. The background risk, however, would likely overstate, rather than understate future DPM impacts and is assumed to be inclusive of future growth. It should be noted that due to improved DPM emissions control technologies and increasingly stringent DPM emissions regulations, the cancer risk incidence in the seven (7) years between the Mates III and Mates IV studies declined by approximately 50% even as population and business growth occurred throughout the region. Similar future declines in area-wide DPM source emissions are anticipated pursuant to enactment of further emissions regulations, including but not limited to anticipated greenhouse gas (GHG) reduction and control measures to be implemented by the state (see also: emissions regulatory measures discussed within the air quality and greenhouse gas analysis.

occur at the same location in the Project vicinity for the residential and worker exposure scenarios.

The MATES-IV ambient cumulative TAC impact represents approximately 99 percent of the total cumulative impact identified at Table 2-4; and due to its magnitude when compared to project-level TAC impact significance thresholds, is presumed to be cumulatively significant. The Project would incrementally contribute to this presumably significant cumulative impact. However the Project's maximum incremental contribution of 1.45 incidents per million population does not exceed the established SCAQMD threshold (10 incidents per million population) at which project-level TAC contributions would be determined cumulatively considerable. On this basis, the Project TAC emissions impacts are considered less than significant and not cumulatively considerable.

3 REFERENCES

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4 CERTIFICATION

The contents of this health risk assessment represent an accurate depiction of the impacts to sensitive receptors associated with the proposed Gateway South Building 4 Project. The information contained in this health risk assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me directly at (949) 336-5987.

Haseeb Qureshi
Senior Associate
URBAN CROSSROADS, INC.
260 E. Baker St., Suite 200
Costa Mesa, CA 92626
(949) 336-5987
hqureshi@urbanxroads.com

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

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

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APPENDIX 2.1:

AERMOD MODEL INPUT/OUTPUT

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**
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.3.0
** Lakes Environmental Software Inc.
** Date: 3/27/2017
** File: C:\Lakes\AERMOD View\GWS\HRA\RES\RES.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\GWS\HRA\RES\RES.isc
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 2015355
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL RES.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 North Side
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 0.00004893
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
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** 474171.980, 3770463.552, 306.00, 4.00, 3.95
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   LOCATION L0007142     VOLUME   473731.743 3770425.947 302.50
   LOCATION L0007143     VOLUME   473740.212 3770426.670 302.66
   LOCATION L0007144     VOLUME   473748.681 3770427.394 302.74
   LOCATION L0007145     VOLUME   473757.150 3770428.117 302.84
   LOCATION L0007146     VOLUME   473765.619 3770428.840 302.94
   LOCATION L0007147     VOLUME   473774.089 3770429.564 303.14
   LOCATION L0007148     VOLUME   473782.558 3770430.287 303.43
   LOCATION L0007149     VOLUME   473791.027 3770431.011 303.71
   LOCATION L0007150     VOLUME   473799.496 3770431.734 303.99
   LOCATION L0007151     VOLUME   473807.965 3770432.458 304.27
   LOCATION L0007152     VOLUME   473816.434 3770433.181 304.56
   LOCATION L0007153     VOLUME   473824.904 3770433.904 304.84
   LOCATION L0007154     VOLUME   473833.373 3770434.628 305.00
   LOCATION L0007155     VOLUME   473841.842 3770435.351 305.00
   LOCATION L0007156     VOLUME   473850.311 3770436.075 305.00
   LOCATION L0007157     VOLUME   473858.780 3770436.798 305.00
   LOCATION L0007158     VOLUME   473867.249 3770437.522 305.00
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   LOCATION L0007159     VOLUME   473875.719 3770438.245 305.00
   LOCATION L0007160     VOLUME   473884.188 3770438.968 305.00
   LOCATION L0007161     VOLUME   473892.657 3770439.692 305.00
   LOCATION L0007162     VOLUME   473901.126 3770440.415 305.00
   LOCATION L0007163     VOLUME   473909.595 3770441.139 305.00
   LOCATION L0007164     VOLUME   473918.064 3770441.862 305.00
   LOCATION L0007165     VOLUME   473926.533 3770442.586 305.00
   LOCATION L0007166     VOLUME   473935.003 3770443.309 305.00
   LOCATION L0007167     VOLUME   473943.472 3770444.033 305.00
   LOCATION L0007168     VOLUME   473951.941 3770444.756 305.00
   LOCATION L0007169     VOLUME   473960.410 3770445.479 305.00
   LOCATION L0007170     VOLUME   473968.879 3770446.203 305.00
   LOCATION L0007171     VOLUME   473977.348 3770446.926 305.02
   LOCATION L0007172     VOLUME   473985.818 3770447.650 305.24
   LOCATION L0007173     VOLUME   473994.287 3770448.373 305.52
   LOCATION L0007174     VOLUME   474002.756 3770449.097 305.79
   LOCATION L0007175     VOLUME   474011.225 3770449.820 306.00
   LOCATION L0007176     VOLUME   474019.694 3770450.543 306.00
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   LOCATION L0007179     VOLUME   474045.102 3770452.714 306.00
   LOCATION L0007180     VOLUME   474053.571 3770453.437 306.00
   LOCATION L0007181     VOLUME   474062.040 3770454.161 306.00
   LOCATION L0007182     VOLUME   474070.509 3770454.884 306.00
   LOCATION L0007183     VOLUME   474078.978 3770455.607 306.00
   LOCATION L0007184     VOLUME   474087.447 3770456.331 306.00
   LOCATION L0007185     VOLUME   474095.917 3770457.054 306.00
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   LOCATION L0007191     VOLUME   474146.732 3770461.395 306.00
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   LOCATION L0007193     VOLUME   474163.670 3770462.842 306.00
** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC On-Site Idling South Side
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 0.00004893
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
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   LOCATION L0007196     VOLUME   473740.879 3770198.532 301.74
   LOCATION L0007197     VOLUME   473749.348 3770199.255 301.76
   LOCATION L0007198     VOLUME   473757.817 3770199.979 301.79
   LOCATION L0007199     VOLUME   473766.287 3770200.702 301.81
   LOCATION L0007200     VOLUME   473774.756 3770201.426 301.86
   LOCATION L0007201     VOLUME   473783.225 3770202.149 301.92
   LOCATION L0007202     VOLUME   473791.694 3770202.873 301.97
   LOCATION L0007203     VOLUME   473800.163 3770203.596 302.01
   LOCATION L0007204     VOLUME   473808.632 3770204.319 302.30
   LOCATION L0007205     VOLUME   473817.101 3770205.043 302.58
   LOCATION L0007206     VOLUME   473825.571 3770205.766 302.86
   LOCATION L0007207     VOLUME   473834.040 3770206.490 303.00
   LOCATION L0007208     VOLUME   473842.509 3770207.213 303.00
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   LOCATION L0007210     VOLUME   473859.447 3770208.660 303.00
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   LOCATION L0007212     VOLUME   473876.386 3770210.107 303.07
   LOCATION L0007213     VOLUME   473884.855 3770210.830 303.12
   LOCATION L0007214     VOLUME   473893.324 3770211.554 303.17
   LOCATION L0007215     VOLUME   473901.793 3770212.277 303.20
   LOCATION L0007216     VOLUME   473910.262 3770213.001 303.22
   LOCATION L0007217     VOLUME   473918.731 3770213.724 303.24
   LOCATION L0007218     VOLUME   473927.201 3770214.447 303.45
   LOCATION L0007219     VOLUME   473935.670 3770215.171 303.67
   LOCATION L0007220     VOLUME   473944.139 3770215.894 303.87
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   LOCATION L0007222     VOLUME   473961.077 3770217.341 303.76
   LOCATION L0007223     VOLUME   473969.546 3770218.065 303.60
   LOCATION L0007224     VOLUME   473978.015 3770218.788 303.45
   LOCATION L0007225     VOLUME   473986.485 3770219.512 303.34
   LOCATION L0007226     VOLUME   473994.954 3770220.235 303.23
   LOCATION L0007227     VOLUME   474003.423 3770220.958 303.10
   LOCATION L0007228     VOLUME   474011.892 3770221.682 303.07
   LOCATION L0007229     VOLUME   474020.361 3770222.405 303.38
   LOCATION L0007230     VOLUME   474028.830 3770223.129 303.71
   LOCATION L0007231     VOLUME   474037.300 3770223.852 304.07
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   LOCATION L0007233     VOLUME   474054.238 3770225.299 304.26
   LOCATION L0007234     VOLUME   474062.707 3770226.022 304.31
   LOCATION L0007235     VOLUME   474071.176 3770226.746 304.39
   LOCATION L0007236     VOLUME   474079.645 3770227.469 304.60
   LOCATION L0007237     VOLUME   474088.115 3770228.193 304.79
   LOCATION L0007238     VOLUME   474096.584 3770228.916 304.95
   LOCATION L0007239     VOLUME   474105.053 3770229.640 305.00
   LOCATION L0007240     VOLUME   474113.522 3770230.363 305.00
   LOCATION L0007241     VOLUME   474121.991 3770231.086 305.00
   LOCATION L0007242     VOLUME   474130.460 3770231.810 305.00
   LOCATION L0007243     VOLUME   474138.930 3770232.533 305.00
   LOCATION L0007244     VOLUME   474147.399 3770233.257 305.00
   LOCATION L0007245     VOLUME   474155.868 3770233.980 305.00
   LOCATION L0007246     VOLUME   474164.337 3770234.704 305.00
** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC On-Site Travel
** PREFIX
** Length of Side = 4.00
** Configuration = Adjacent
** Emission Rate = 0.000133
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** SZINIT = 3.95
** Nodes = 14
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** 473728.766, 3770788.650, 305.00, 0.00, 1.86
** 473729.650, 3770582.587, 302.49, 0.00, 1.86
** 473695.487, 3770576.124, 302.00, 0.00, 1.86
** 473693.640, 3770513.337, 302.00, 0.00, 1.86
** 473691.793, 3770464.401, 302.00, 0.00, 1.86
** 473686.253, 3770371.144, 302.60, 0.00, 1.86
** 473709.337, 3770169.858, 300.04, 0.00, 1.86
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** 474219.939, 3770228.951, 305.00, 0.00, 1.86
** 474232.865, 3770236.338, 305.00, 0.00, 1.86
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LOCATION	L0007279	VOLUME	473729.384	3770894.199	305.00
LOCATION	L0007280	VOLUME	473729.360	3770890.199	305.00
LOCATION	L0007281	VOLUME	473729.337	3770886.199	305.00
LOCATION	L0007282	VOLUME	473729.313	3770882.199	305.00
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LOCATION	L0007334	VOLUME	473729.257	3770674.201 304.45
LOCATION	L0007335	VOLUME	473729.274	3770670.201 304.27
LOCATION	L0007336	VOLUME	473729.291	3770666.201 304.09
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LOCATION	L0007377	VOLUME	473694.146	3770530.528 302.00
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LOCATION	L0007379	VOLUME	473693.910	3770522.531 302.00
LOCATION	L0007380	VOLUME	473693.793	3770518.533 302.00
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LOCATION	L0007411	VOLUME	473687.652 3770394.693	302.19
LOCATION	L0007412	VOLUME	473687.415 3770390.700	302.22
LOCATION	L0007413	VOLUME	473687.178 3770386.707	302.24
LOCATION	L0007414	VOLUME	473686.941 3770382.714	302.33
LOCATION	L0007415	VOLUME	473686.704 3770378.721	302.43
LOCATION	L0007416	VOLUME	473686.466 3770374.728	302.53
LOCATION	L0007417	VOLUME	473686.300 3770370.737	302.63
LOCATION	L0007418	VOLUME	473686.756 3770366.763	302.73
LOCATION	L0007419	VOLUME	473687.211 3770362.789	302.84
LOCATION	L0007420	VOLUME	473687.667 3770358.815	302.94
LOCATION	L0007421	VOLUME	473688.123 3770354.841	303.00
LOCATION	L0007422	VOLUME	473688.579 3770350.867	303.00
LOCATION	L0007423	VOLUME	473689.034 3770346.894	303.00
LOCATION	L0007424	VOLUME	473689.490 3770342.920	303.00
LOCATION	L0007425	VOLUME	473689.946 3770338.946	303.00
LOCATION	L0007426	VOLUME	473690.402 3770334.972	303.00
LOCATION	L0007427	VOLUME	473690.857 3770330.998	303.00
LOCATION	L0007428	VOLUME	473691.313 3770327.024	303.00
LOCATION	L0007429	VOLUME	473691.769 3770323.050	303.00
LOCATION	L0007430	VOLUME	473692.225 3770319.076	303.00
LOCATION	L0007431	VOLUME	473692.680 3770315.102	303.00
LOCATION	L0007432	VOLUME	473693.136 3770311.128	303.00
LOCATION	L0007433	VOLUME	473693.592 3770307.154	303.00
LOCATION	L0007434	VOLUME	473694.047 3770303.180	303.00
LOCATION	L0007435	VOLUME	473694.503 3770299.206	303.00
LOCATION	L0007436	VOLUME	473694.959 3770295.232	302.96
LOCATION	L0007437	VOLUME	473695.415 3770291.258	302.83
LOCATION	L0007438	VOLUME	473695.870 3770287.284	302.70
LOCATION	L0007439	VOLUME	473696.326 3770283.310	302.56
LOCATION	L0007440	VOLUME	473696.782 3770279.336	302.43
LOCATION	L0007441	VOLUME	473697.238 3770275.362	302.30
LOCATION	L0007442	VOLUME	473697.693 3770271.388	302.17
LOCATION	L0007443	VOLUME	473698.149 3770267.414	302.03
LOCATION	L0007444	VOLUME	473698.605 3770263.441	302.00
LOCATION	L0007445	VOLUME	473699.060 3770259.467	302.00
LOCATION	L0007446	VOLUME	473699.516 3770255.493	302.00
LOCATION	L0007447	VOLUME	473699.972 3770251.519	302.00
LOCATION	L0007448	VOLUME	473700.428 3770247.545	302.00
LOCATION	L0007449	VOLUME	473700.883 3770243.571	302.00
LOCATION	L0007450	VOLUME	473701.339 3770239.597	302.00
LOCATION	L0007451	VOLUME	473701.795 3770235.623	301.99

				RES
LOCATION	L0007452	VOLUME	473702.251 3770231.649	301.96
LOCATION	L0007453	VOLUME	473702.706 3770227.675	301.93
LOCATION	L0007454	VOLUME	473703.162 3770223.701	301.91
LOCATION	L0007455	VOLUME	473703.618 3770219.727	301.89
LOCATION	L0007456	VOLUME	473704.073 3770215.753	301.87
LOCATION	L0007457	VOLUME	473704.529 3770211.779	301.86
LOCATION	L0007458	VOLUME	473704.985 3770207.805	301.85
LOCATION	L0007459	VOLUME	473705.441 3770203.831	301.70
LOCATION	L0007460	VOLUME	473705.896 3770199.857	301.46
LOCATION	L0007461	VOLUME	473706.352 3770195.883	301.23
LOCATION	L0007462	VOLUME	473706.808 3770191.909	300.98
LOCATION	L0007463	VOLUME	473707.264 3770187.935	300.74
LOCATION	L0007464	VOLUME	473707.719 3770183.961	300.49
LOCATION	L0007465	VOLUME	473708.175 3770179.987	300.23
LOCATION	L0007466	VOLUME	473708.631 3770176.014	300.00
LOCATION	L0007467	VOLUME	473709.086 3770172.040	300.00
LOCATION	L0007468	VOLUME	473711.131 3770170.045	300.04
LOCATION	L0007469	VOLUME	473715.109 3770170.459	300.14
LOCATION	L0007470	VOLUME	473719.088 3770170.873	300.25
LOCATION	L0007471	VOLUME	473723.066 3770171.288	300.37
LOCATION	L0007472	VOLUME	473727.045 3770171.702	300.49
LOCATION	L0007473	VOLUME	473731.023 3770172.116	300.61
LOCATION	L0007474	VOLUME	473735.002 3770172.530	300.73
LOCATION	L0007475	VOLUME	473738.980 3770172.945	300.86
LOCATION	L0007476	VOLUME	473742.959 3770173.359	300.91
LOCATION	L0007477	VOLUME	473746.937 3770173.773	300.93
LOCATION	L0007478	VOLUME	473750.916 3770174.187	300.95
LOCATION	L0007479	VOLUME	473754.894 3770174.602	300.97
LOCATION	L0007480	VOLUME	473758.873 3770175.016	300.98
LOCATION	L0007481	VOLUME	473762.851 3770175.430	300.99
LOCATION	L0007482	VOLUME	473766.830 3770175.844	301.00
LOCATION	L0007483	VOLUME	473770.808 3770176.259	301.04
LOCATION	L0007484	VOLUME	473774.787 3770176.673	301.18
LOCATION	L0007485	VOLUME	473778.765 3770177.087	301.32
LOCATION	L0007486	VOLUME	473782.744 3770177.501	301.45
LOCATION	L0007487	VOLUME	473786.722 3770177.916	301.59
LOCATION	L0007488	VOLUME	473790.701 3770178.330	301.72
LOCATION	L0007489	VOLUME	473794.679 3770178.744	301.84
LOCATION	L0007490	VOLUME	473798.658 3770179.159	301.97
LOCATION	L0007491	VOLUME	473802.636 3770179.573	302.10
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LOCATION	L0007493	VOLUME	473810.593 3770180.401	302.36
LOCATION	L0007494	VOLUME	473814.572 3770180.816	302.49
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LOCATION	L0007496	VOLUME	473822.529 3770181.644	302.76
LOCATION	L0007497	VOLUME	473826.507 3770182.058	302.89
LOCATION	L0007498	VOLUME	473830.486 3770182.473	303.00
LOCATION	L0007499	VOLUME	473834.464 3770182.887	303.00
LOCATION	L0007500	VOLUME	473838.443 3770183.301	303.00
LOCATION	L0007501	VOLUME	473842.421 3770183.715	303.00
LOCATION	L0007502	VOLUME	473846.400 3770184.130	303.00
LOCATION	L0007503	VOLUME	473850.378 3770184.544	303.00
LOCATION	L0007504	VOLUME	473854.357 3770184.958	303.00
LOCATION	L0007505	VOLUME	473858.335 3770185.372	303.00
LOCATION	L0007506	VOLUME	473862.314 3770185.787	303.00
LOCATION	L0007507	VOLUME	473866.292 3770186.201	303.00
LOCATION	L0007508	VOLUME	473870.271 3770186.615	303.00
LOCATION	L0007509	VOLUME	473874.249 3770187.030	303.00
LOCATION	L0007510	VOLUME	473878.228 3770187.444	303.00
LOCATION	L0007511	VOLUME	473882.206 3770187.858	303.00
LOCATION	L0007512	VOLUME	473886.185 3770188.272	303.00
LOCATION	L0007513	VOLUME	473890.163 3770188.687	303.00
LOCATION	L0007514	VOLUME	473894.142 3770189.101	303.00
LOCATION	L0007515	VOLUME	473898.120 3770189.515	303.00
LOCATION	L0007516	VOLUME	473902.099 3770189.929	303.00
LOCATION	L0007517	VOLUME	473906.077 3770190.344	303.00
LOCATION	L0007518	VOLUME	473910.056 3770190.758	303.00

				RES
LOCATION	L0007519	VOLUME	473914.034 3770191.172	303.00
LOCATION	L0007520	VOLUME	473918.013 3770191.586	303.00
LOCATION	L0007521	VOLUME	473921.991 3770192.001	303.04
LOCATION	L0007522	VOLUME	473925.969 3770192.415	303.11
LOCATION	L0007523	VOLUME	473929.948 3770192.829	303.19
LOCATION	L0007524	VOLUME	473933.926 3770193.243	303.27
LOCATION	L0007525	VOLUME	473937.905 3770193.658	303.35
LOCATION	L0007526	VOLUME	473941.883 3770194.072	303.44
LOCATION	L0007527	VOLUME	473945.862 3770194.486	303.53
LOCATION	L0007528	VOLUME	473949.840 3770194.901	303.62
LOCATION	L0007529	VOLUME	473953.819 3770195.315	303.55
LOCATION	L0007530	VOLUME	473957.797 3770195.729	303.47
LOCATION	L0007531	VOLUME	473961.776 3770196.143	303.39
LOCATION	L0007532	VOLUME	473965.754 3770196.558	303.31
LOCATION	L0007533	VOLUME	473969.733 3770196.972	303.23
LOCATION	L0007534	VOLUME	473973.711 3770197.386	303.14
LOCATION	L0007535	VOLUME	473977.690 3770197.800	303.05
LOCATION	L0007536	VOLUME	473981.668 3770198.215	303.00
LOCATION	L0007537	VOLUME	473985.647 3770198.629	303.00
LOCATION	L0007538	VOLUME	473989.625 3770199.043	303.00
LOCATION	L0007539	VOLUME	473993.604 3770199.457	303.00
LOCATION	L0007540	VOLUME	473997.582 3770199.872	303.00
LOCATION	L0007541	VOLUME	474001.561 3770200.286	303.00
LOCATION	L0007542	VOLUME	474005.539 3770200.700	303.00
LOCATION	L0007543	VOLUME	474009.518 3770201.114	303.00
LOCATION	L0007544	VOLUME	474013.496 3770201.529	303.00
LOCATION	L0007545	VOLUME	474017.475 3770201.943	303.00
LOCATION	L0007546	VOLUME	474021.453 3770202.357	303.00
LOCATION	L0007547	VOLUME	474025.432 3770202.772	303.00
LOCATION	L0007548	VOLUME	474029.410 3770203.186	303.00
LOCATION	L0007549	VOLUME	474033.389 3770203.600	303.00
LOCATION	L0007550	VOLUME	474037.367 3770204.014	303.00
LOCATION	L0007551	VOLUME	474041.346 3770204.429	303.00
LOCATION	L0007552	VOLUME	474045.324 3770204.843	303.00
LOCATION	L0007553	VOLUME	474049.303 3770205.257	303.00
LOCATION	L0007554	VOLUME	474053.281 3770205.671	303.00
LOCATION	L0007555	VOLUME	474057.260 3770206.086	303.00
LOCATION	L0007556	VOLUME	474061.238 3770206.500	303.01
LOCATION	L0007557	VOLUME	474065.217 3770206.914	303.04
LOCATION	L0007558	VOLUME	474069.195 3770207.328	303.06
LOCATION	L0007559	VOLUME	474073.174 3770207.743	303.31
LOCATION	L0007560	VOLUME	474077.152 3770208.157	303.58
LOCATION	L0007561	VOLUME	474081.131 3770208.571	303.85
LOCATION	L0007562	VOLUME	474085.109 3770208.985	304.11
LOCATION	L0007563	VOLUME	474089.088 3770209.400	304.36
LOCATION	L0007564	VOLUME	474093.066 3770209.814	304.61
LOCATION	L0007565	VOLUME	474097.045 3770210.228	304.84
LOCATION	L0007566	VOLUME	474101.023 3770210.643	305.00
LOCATION	L0007567	VOLUME	474105.002 3770211.057	305.00
LOCATION	L0007568	VOLUME	474108.980 3770211.471	305.00
LOCATION	L0007569	VOLUME	474112.959 3770211.885	305.00
LOCATION	L0007570	VOLUME	474116.937 3770212.300	305.00
LOCATION	L0007571	VOLUME	474120.916 3770212.714	305.00
LOCATION	L0007572	VOLUME	474124.894 3770213.128	305.00
LOCATION	L0007573	VOLUME	474128.872 3770213.542	305.00
LOCATION	L0007574	VOLUME	474132.851 3770213.957	305.00
LOCATION	L0007575	VOLUME	474136.829 3770214.371	305.00
LOCATION	L0007576	VOLUME	474140.808 3770214.785	305.00
LOCATION	L0007577	VOLUME	474144.786 3770215.199	305.00
LOCATION	L0007578	VOLUME	474148.765 3770215.614	305.00
LOCATION	L0007579	VOLUME	474152.743 3770216.028	305.00
LOCATION	L0007580	VOLUME	474156.722 3770216.442	305.00
LOCATION	L0007581	VOLUME	474160.700 3770216.856	305.00
LOCATION	L0007582	VOLUME	474164.679 3770217.271	305.00
LOCATION	L0007583	VOLUME	474168.657 3770217.685	305.00
LOCATION	L0007584	VOLUME	474172.636 3770218.099	305.00
LOCATION	L0007585	VOLUME	474176.614 3770218.514	305.00

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LOCATION	L0007586	VOLUME	474180.561 3770219.107	305.00
LOCATION	L0007587	VOLUME	474184.442 3770220.077	305.00
LOCATION	L0007588	VOLUME	474188.322 3770221.047	305.00
LOCATION	L0007589	VOLUME	474192.203 3770222.017	305.00
LOCATION	L0007590	VOLUME	474196.084 3770222.987	305.00
LOCATION	L0007591	VOLUME	474199.964 3770223.957	305.00
LOCATION	L0007592	VOLUME	474203.845 3770224.928	305.00
LOCATION	L0007593	VOLUME	474207.725 3770225.898	305.00
LOCATION	L0007594	VOLUME	474211.606 3770226.868	305.00
LOCATION	L0007595	VOLUME	474215.486 3770227.838	305.00
LOCATION	L0007596	VOLUME	474219.367 3770228.808	305.00
LOCATION	L0007597	VOLUME	474222.900 3770230.643	305.00
LOCATION	L0007598	VOLUME	474226.373 3770232.628	305.00
LOCATION	L0007599	VOLUME	474229.846 3770234.612	305.00
LOCATION	L0007600	VOLUME	474232.976 3770236.848	305.00
LOCATION	L0007601	VOLUME	474233.826 3770240.757	305.00
LOCATION	L0007602	VOLUME	474234.676 3770244.666	305.00
LOCATION	L0007603	VOLUME	474235.526 3770248.574	305.00
LOCATION	L0007604	VOLUME	474236.375 3770252.483	305.00
LOCATION	L0007605	VOLUME	474237.225 3770256.392	305.00
LOCATION	L0007606	VOLUME	474237.231 3770260.353	305.00
LOCATION	L0007607	VOLUME	474236.870 3770264.336	305.00
LOCATION	L0007608	VOLUME	474236.509 3770268.320	305.00
LOCATION	L0007609	VOLUME	474236.149 3770272.304	305.00
LOCATION	L0007610	VOLUME	474235.788 3770276.288	305.00
LOCATION	L0007611	VOLUME	474235.427 3770280.271	305.00
LOCATION	L0007612	VOLUME	474235.067 3770284.255	305.00
LOCATION	L0007613	VOLUME	474234.706 3770288.239	305.00
LOCATION	L0007614	VOLUME	474234.345 3770292.222	305.00
LOCATION	L0007615	VOLUME	474233.985 3770296.206	305.00
LOCATION	L0007616	VOLUME	474233.624 3770300.190	305.00
LOCATION	L0007617	VOLUME	474233.263 3770304.174	305.00
LOCATION	L0007618	VOLUME	474232.903 3770308.157	305.00
LOCATION	L0007619	VOLUME	474232.542 3770312.141	305.00
LOCATION	L0007620	VOLUME	474232.181 3770316.125	305.00
LOCATION	L0007621	VOLUME	474231.821 3770320.108	305.00
LOCATION	L0007622	VOLUME	474231.460 3770324.092	305.00
LOCATION	L0007623	VOLUME	474231.099 3770328.076	305.02
LOCATION	L0007624	VOLUME	474230.739 3770332.059	305.07
LOCATION	L0007625	VOLUME	474230.378 3770336.043	305.11
LOCATION	L0007626	VOLUME	474230.017 3770340.027	305.16
LOCATION	L0007627	VOLUME	474229.657 3770344.011	305.19
LOCATION	L0007628	VOLUME	474229.296 3770347.994	305.23
LOCATION	L0007629	VOLUME	474228.935 3770351.978	305.26
LOCATION	L0007630	VOLUME	474228.575 3770355.962	305.29
LOCATION	L0007631	VOLUME	474228.214 3770359.945	305.28
LOCATION	L0007632	VOLUME	474227.853 3770363.929	305.27
LOCATION	L0007633	VOLUME	474227.493 3770367.913	305.26
LOCATION	L0007634	VOLUME	474227.132 3770371.897	305.25
LOCATION	L0007635	VOLUME	474226.771 3770375.880	305.23
LOCATION	L0007636	VOLUME	474226.411 3770379.864	305.22
LOCATION	L0007637	VOLUME	474226.050 3770383.848	305.21
LOCATION	L0007638	VOLUME	474225.689 3770387.831	305.24
LOCATION	L0007639	VOLUME	474225.329 3770391.815	305.33
LOCATION	L0007640	VOLUME	474224.968 3770395.799	305.43
LOCATION	L0007641	VOLUME	474224.607 3770399.782	305.54
LOCATION	L0007642	VOLUME	474224.247 3770403.766	305.64
LOCATION	L0007643	VOLUME	474223.886 3770407.750	305.75
LOCATION	L0007644	VOLUME	474223.525 3770411.734	305.86
LOCATION	L0007645	VOLUME	474223.165 3770415.717	305.98
LOCATION	L0007646	VOLUME	474222.804 3770419.701	306.00
LOCATION	L0007647	VOLUME	474222.443 3770423.685	306.00
LOCATION	L0007648	VOLUME	474222.083 3770427.668	306.00
LOCATION	L0007649	VOLUME	474221.722 3770431.652	306.00
LOCATION	L0007650	VOLUME	474221.361 3770435.636	306.00
LOCATION	L0007651	VOLUME	474221.001 3770439.620	306.00
LOCATION	L0007652	VOLUME	474220.640 3770443.603	306.00

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                                                        RES
   LOCATION L0007653     VOLUME   474220.279 3770447.587 306.00
   LOCATION L0007654     VOLUME   474219.919 3770451.571 306.00
   LOCATION L0007655     VOLUME   474219.558 3770455.554 306.00
   LOCATION L0007656     VOLUME   474219.197 3770459.538 306.00
   LOCATION L0007657     VOLUME   474218.837 3770463.522 306.00
   LOCATION L0007658     VOLUME   474218.476 3770467.505 306.00
   LOCATION L0007659     VOLUME   474218.115 3770471.489 306.00
   LOCATION L0007660     VOLUME   474217.755 3770475.473 306.00
   LOCATION L0007661     VOLUME   474217.394 3770479.457 306.00
** End of LINE VOLUME Source ID = SLINE3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC 40% to I-215 at Auto Center Road
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 0.00002408
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 8
** 473811.561, 3770949.801, 306.00, 4.00, 3.95
** 473812.129, 3771031.479, 306.00, 4.00, 3.95
** 473350.420, 3771027.508, 302.10, 4.00, 3.95
** 473110.057, 3771022.961, 301.00, 4.00, 3.95
** 472874.515, 3771019.555, 299.97, 4.00, 3.95
** 472823.289, 3771000.738, 300.00, 4.00, 3.95
** 472737.564, 3770939.406, 302.04, 4.00, 3.95
** 472572.432, 3770782.217, 298.00, 4.00, 3.95
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   LOCATION L0007662     VOLUME   473811.591 3770954.051 306.00
   LOCATION L0007663     VOLUME   473811.650 3770962.550 306.00
   LOCATION L0007664     VOLUME   473811.709 3770971.050 306.00
   LOCATION L0007665     VOLUME   473811.768 3770979.550 306.00
   LOCATION L0007666     VOLUME   473811.827 3770988.050 306.00
   LOCATION L0007667     VOLUME   473811.886 3770996.550 306.00
   LOCATION L0007668     VOLUME   473811.945 3771005.049 306.00
   LOCATION L0007669     VOLUME   473812.004 3771013.549 306.00
   LOCATION L0007670     VOLUME   473812.063 3771022.049 306.00
   LOCATION L0007671     VOLUME   473812.122 3771030.549 306.00
   LOCATION L0007672     VOLUME   473804.559 3771031.414 306.00
   LOCATION L0007673     VOLUME   473796.059 3771031.341 306.00
   LOCATION L0007674     VOLUME   473787.560 3771031.268 306.00
   LOCATION L0007675     VOLUME   473779.060 3771031.195 306.00
   LOCATION L0007676     VOLUME   473770.560 3771031.121 306.00
   LOCATION L0007677     VOLUME   473762.061 3771031.048 305.74
   LOCATION L0007678     VOLUME   473753.561 3771030.975 305.46
   LOCATION L0007679     VOLUME   473745.061 3771030.902 305.18
   LOCATION L0007680     VOLUME   473736.562 3771030.829 305.00
   LOCATION L0007681     VOLUME   473728.062 3771030.756 305.00
   LOCATION L0007682     VOLUME   473719.562 3771030.683 305.00
   LOCATION L0007683     VOLUME   473711.063 3771030.610 305.00
   LOCATION L0007684     VOLUME   473702.563 3771030.537 305.00
   LOCATION L0007685     VOLUME   473694.063 3771030.464 305.00
   LOCATION L0007686     VOLUME   473685.564 3771030.391 305.00
   LOCATION L0007687     VOLUME   473677.064 3771030.317 305.00
   LOCATION L0007688     VOLUME   473668.564 3771030.244 305.00
   LOCATION L0007689     VOLUME   473660.064 3771030.171 305.00
   LOCATION L0007690     VOLUME   473651.565 3771030.098 305.00
   LOCATION L0007691     VOLUME   473643.065 3771030.025 304.78
   LOCATION L0007692     VOLUME   473634.565 3771029.952 304.49
   LOCATION L0007693     VOLUME   473626.066 3771029.879 304.21
   LOCATION L0007694     VOLUME   473617.566 3771029.806 304.00
   LOCATION L0007695     VOLUME   473609.066 3771029.733 304.00
   LOCATION L0007696     VOLUME   473600.567 3771029.660 304.00
   LOCATION L0007697     VOLUME   473592.067 3771029.587 304.00
   LOCATION L0007698     VOLUME   473583.567 3771029.513 304.00
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LOCATION	L0007701	VOLUME	473558.068 3771029.294	304.00
LOCATION	L0007702	VOLUME	473549.569 3771029.221	304.00
LOCATION	L0007703	VOLUME	473541.069 3771029.148	304.00
LOCATION	L0007704	VOLUME	473532.569 3771029.075	304.00
LOCATION	L0007705	VOLUME	473524.069 3771029.002	303.89
LOCATION	L0007706	VOLUME	473515.570 3771028.929	303.73
LOCATION	L0007707	VOLUME	473507.070 3771028.856	303.56
LOCATION	L0007708	VOLUME	473498.570 3771028.782	303.40
LOCATION	L0007709	VOLUME	473490.071 3771028.709	303.28
LOCATION	L0007710	VOLUME	473481.571 3771028.636	303.16
LOCATION	L0007711	VOLUME	473473.071 3771028.563	303.04
LOCATION	L0007712	VOLUME	473464.572 3771028.490	303.00
LOCATION	L0007713	VOLUME	473456.072 3771028.417	303.00
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LOCATION	L0007719	VOLUME	473405.074 3771027.978	303.00
LOCATION	L0007720	VOLUME	473396.574 3771027.905	303.00
LOCATION	L0007721	VOLUME	473388.075 3771027.832	303.00
LOCATION	L0007722	VOLUME	473379.575 3771027.759	303.00
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LOCATION	L0007724	VOLUME	473362.575 3771027.613	302.64
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LOCATION	L0007733	VOLUME	473286.087 3771026.291	302.00
LOCATION	L0007734	VOLUME	473277.589 3771026.131	302.00
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LOCATION	L0007745	VOLUME	473184.106 3771024.362	301.62
LOCATION	L0007746	VOLUME	473175.607 3771024.201	301.41
LOCATION	L0007747	VOLUME	473167.109 3771024.041	301.23
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LOCATION	L0007759	VOLUME	473065.124 3771022.312	301.00
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LOCATION	L0007765	VOLUME	473014.129 3771021.574	300.85

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   LOCATION L0007767     VOLUME   472997.131 3771021.328 300.37
   LOCATION L0007768     VOLUME   472988.632 3771021.206 300.15
   LOCATION L0007769     VOLUME   472980.132 3771021.083 300.11
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   LOCATION L0007771     VOLUME   472963.134 3771020.837 300.02
   LOCATION L0007772     VOLUME   472954.635 3771020.714 300.00
   LOCATION L0007773     VOLUME   472946.136 3771020.591 300.00
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   LOCATION L0007776     VOLUME   472920.639 3771020.222 300.00
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   LOCATION L0007783     VOLUME   472861.964 3771014.945 299.95
   LOCATION L0007784     VOLUME   472853.985 3771012.014 299.85
   LOCATION L0007785     VOLUME   472846.006 3771009.083 299.76
   LOCATION L0007786     VOLUME   472838.028 3771006.152 299.68
   LOCATION L0007787     VOLUME   472830.049 3771003.221 299.70
   LOCATION L0007788     VOLUME   472822.233 3770999.982 299.77
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   LOCATION L0007790     VOLUME   472808.407 3770990.090 299.96
   LOCATION L0007791     VOLUME   472801.494 3770985.144 299.71
   LOCATION L0007792     VOLUME   472794.581 3770980.199 299.50
   LOCATION L0007793     VOLUME   472787.668 3770975.253 299.44
   LOCATION L0007794     VOLUME   472780.755 3770970.307 299.53
   LOCATION L0007795     VOLUME   472773.842 3770965.361 299.96
   LOCATION L0007796     VOLUME   472766.930 3770960.415 300.35
   LOCATION L0007797     VOLUME   472760.017 3770955.469 300.65
   LOCATION L0007798     VOLUME   472753.104 3770950.524 300.87
   LOCATION L0007799     VOLUME   472746.191 3770945.578 301.09
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   LOCATION L0007801     VOLUME   472732.934 3770934.998 301.80
   LOCATION L0007802     VOLUME   472726.777 3770929.138 302.39
   LOCATION L0007803     VOLUME   472720.620 3770923.277 303.04
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   LOCATION L0007806     VOLUME   472702.150 3770905.695 303.69
   LOCATION L0007807     VOLUME   472695.994 3770899.835 303.88
   LOCATION L0007808     VOLUME   472689.837 3770893.974 304.08
   LOCATION L0007809     VOLUME   472683.681 3770888.114 303.82
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   LOCATION L0007811     VOLUME   472671.367 3770876.393 303.03
   LOCATION L0007812     VOLUME   472665.211 3770870.532 302.52
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   LOCATION L0007814     VOLUME   472652.897 3770858.811 301.32
   LOCATION L0007815     VOLUME   472646.741 3770852.951 300.70
   LOCATION L0007816     VOLUME   472640.584 3770847.090 300.09
   LOCATION L0007817     VOLUME   472634.427 3770841.230 299.47
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   LOCATION L0007819     VOLUME   472622.114 3770829.509 299.15
   LOCATION L0007820     VOLUME   472615.957 3770823.648 299.20
   LOCATION L0007821     VOLUME   472609.801 3770817.788 299.16
   LOCATION L0007822     VOLUME   472603.644 3770811.927 299.05
   LOCATION L0007823     VOLUME   472597.487 3770806.067 298.99
   LOCATION L0007824     VOLUME   472591.331 3770800.206 298.79
   LOCATION L0007825     VOLUME   472585.174 3770794.346 298.60
   LOCATION L0007826     VOLUME   472579.017 3770788.485 298.40
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** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC 5% to I-215 at Auto Center Road
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** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 5.119E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 9
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LOCATION	L0007905	VOLUME	474221.024	3771030.829	308.04
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LOCATION	L0007944	VOLUME	473889.524	3771031.356	307.00

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LOCATION	L0007976	VOLUME	473617.531 3771029.806	304.00
LOCATION	L0007977	VOLUME	473609.032 3771029.732	304.00
LOCATION	L0007978	VOLUME	473600.532 3771029.659	304.00
LOCATION	L0007979	VOLUME	473592.032 3771029.586	304.00
LOCATION	L0007980	VOLUME	473583.533 3771029.513	304.00
LOCATION	L0007981	VOLUME	473575.033 3771029.440	304.00
LOCATION	L0007982	VOLUME	473566.533 3771029.367	304.00
LOCATION	L0007983	VOLUME	473558.034 3771029.294	304.00
LOCATION	L0007984	VOLUME	473549.534 3771029.221	304.00
LOCATION	L0007985	VOLUME	473541.034 3771029.148	304.00
LOCATION	L0007986	VOLUME	473532.535 3771029.075	304.00
LOCATION	L0007987	VOLUME	473524.035 3771029.001	303.89
LOCATION	L0007988	VOLUME	473515.535 3771028.928	303.72
LOCATION	L0007989	VOLUME	473507.036 3771028.855	303.56
LOCATION	L0007990	VOLUME	473498.536 3771028.782	303.40
LOCATION	L0007991	VOLUME	473490.036 3771028.709	303.28
LOCATION	L0007992	VOLUME	473481.536 3771028.636	303.16
LOCATION	L0007993	VOLUME	473473.037 3771028.563	303.04
LOCATION	L0007994	VOLUME	473464.537 3771028.490	303.00
LOCATION	L0007995	VOLUME	473456.037 3771028.417	303.00
LOCATION	L0007996	VOLUME	473447.538 3771028.344	303.00
LOCATION	L0007997	VOLUME	473439.038 3771028.271	303.00
LOCATION	L0007998	VOLUME	473430.538 3771028.197	303.00
LOCATION	L0007999	VOLUME	473422.039 3771028.124	303.00
LOCATION	L0008000	VOLUME	473413.539 3771028.051	303.00
LOCATION	L0008001	VOLUME	473405.039 3771027.978	303.00
LOCATION	L0008002	VOLUME	473396.540 3771027.905	303.00
LOCATION	L0008003	VOLUME	473388.040 3771027.832	303.00
LOCATION	L0008004	VOLUME	473379.540 3771027.759	303.00
LOCATION	L0008005	VOLUME	473371.041 3771027.686	302.82
LOCATION	L0008006	VOLUME	473362.541 3771027.613	302.64
LOCATION	L0008007	VOLUME	473354.041 3771027.540	302.46
LOCATION	L0008008	VOLUME	473345.542 3771027.416	302.32
LOCATION	L0008009	VOLUME	473337.044 3771027.255	302.21
LOCATION	L0008010	VOLUME	473328.545 3771027.095	302.10
LOCATION	L0008011	VOLUME	473320.047 3771026.934	302.00

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LOCATION	L0008012	VOLUME	473311.548	3771026.773	302.00
LOCATION	L0008013	VOLUME	473303.050	3771026.612	302.00
LOCATION	L0008014	VOLUME	473294.551	3771026.452	302.00
LOCATION	L0008015	VOLUME	473286.053	3771026.291	302.00
LOCATION	L0008016	VOLUME	473277.554	3771026.130	302.00
LOCATION	L0008017	VOLUME	473269.056	3771025.969	302.00
LOCATION	L0008018	VOLUME	473260.557	3771025.808	302.00
LOCATION	L0008019	VOLUME	473252.059	3771025.648	302.00
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LOCATION	L0008021	VOLUME	473235.062	3771025.326	302.00
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LOCATION	L0008023	VOLUME	473218.065	3771025.005	302.00
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LOCATION	L0008025	VOLUME	473201.068	3771024.683	302.00
LOCATION	L0008026	VOLUME	473192.570	3771024.522	301.83
LOCATION	L0008027	VOLUME	473184.071	3771024.362	301.62
LOCATION	L0008028	VOLUME	473175.573	3771024.201	301.40
LOCATION	L0008029	VOLUME	473167.074	3771024.040	301.23
LOCATION	L0008030	VOLUME	473158.576	3771023.879	301.16
LOCATION	L0008031	VOLUME	473150.077	3771023.718	301.08
LOCATION	L0008032	VOLUME	473141.579	3771023.558	301.01
LOCATION	L0008033	VOLUME	473133.080	3771023.397	301.00
LOCATION	L0008034	VOLUME	473124.582	3771023.236	301.00
LOCATION	L0008035	VOLUME	473116.083	3771023.075	301.00
LOCATION	L0008036	VOLUME	473107.585	3771022.926	301.00
LOCATION	L0008037	VOLUME	473099.085	3771022.803	301.00
LOCATION	L0008038	VOLUME	473090.586	3771022.680	301.00
LOCATION	L0008039	VOLUME	473082.087	3771022.557	301.00
LOCATION	L0008040	VOLUME	473073.588	3771022.434	301.00
LOCATION	L0008041	VOLUME	473065.089	3771022.311	301.00
LOCATION	L0008042	VOLUME	473056.590	3771022.188	301.00
LOCATION	L0008043	VOLUME	473048.091	3771022.065	301.00
LOCATION	L0008044	VOLUME	473039.592	3771021.942	301.00
LOCATION	L0008045	VOLUME	473031.093	3771021.820	301.00
LOCATION	L0008046	VOLUME	473022.593	3771021.697	301.00
LOCATION	L0008047	VOLUME	473014.094	3771021.574	300.84
LOCATION	L0008048	VOLUME	473005.595	3771021.451	300.61
LOCATION	L0008049	VOLUME	472997.096	3771021.328	300.37
LOCATION	L0008050	VOLUME	472988.597	3771021.205	300.15
LOCATION	L0008051	VOLUME	472980.098	3771021.082	300.11
LOCATION	L0008052	VOLUME	472971.599	3771020.959	300.06
LOCATION	L0008053	VOLUME	472963.100	3771020.836	300.02
LOCATION	L0008054	VOLUME	472954.601	3771020.713	300.00
LOCATION	L0008055	VOLUME	472946.101	3771020.591	300.00
LOCATION	L0008056	VOLUME	472937.602	3771020.468	300.00
LOCATION	L0008057	VOLUME	472929.103	3771020.345	300.00
LOCATION	L0008058	VOLUME	472920.604	3771020.222	300.00
LOCATION	L0008059	VOLUME	472912.105	3771020.099	300.00
LOCATION	L0008060	VOLUME	472903.606	3771019.976	300.00
LOCATION	L0008061	VOLUME	472895.107	3771019.853	300.00
LOCATION	L0008062	VOLUME	472886.608	3771019.730	300.00
LOCATION	L0008063	VOLUME	472878.109	3771019.607	300.00
LOCATION	L0008064	VOLUME	472869.910	3771017.864	300.00
LOCATION	L0008065	VOLUME	472861.931	3771014.933	299.95
LOCATION	L0008066	VOLUME	472853.952	3771012.002	299.85
LOCATION	L0008067	VOLUME	472845.974	3771009.071	299.76
LOCATION	L0008068	VOLUME	472837.995	3771006.140	299.68
LOCATION	L0008069	VOLUME	472830.016	3771003.209	299.70
LOCATION	L0008070	VOLUME	472822.205	3770999.962	299.77
LOCATION	L0008071	VOLUME	472815.292	3770995.016	299.87
LOCATION	L0008072	VOLUME	472808.379	3770990.070	299.96
LOCATION	L0008073	VOLUME	472801.466	3770985.124	299.71
LOCATION	L0008074	VOLUME	472794.553	3770980.178	299.50
LOCATION	L0008075	VOLUME	472787.640	3770975.233	299.44
LOCATION	L0008076	VOLUME	472780.727	3770970.287	299.53
LOCATION	L0008077	VOLUME	472773.814	3770965.341	299.96
LOCATION	L0008078	VOLUME	472766.901	3770960.395	300.35

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                                                        RES
   LOCATION L0008079     VOLUME   472759.988 3770955.449 300.65
   LOCATION L0008080     VOLUME   472753.076 3770950.503 300.87
   LOCATION L0008081     VOLUME   472746.163 3770945.558 301.09
   LOCATION L0008082     VOLUME   472739.250 3770940.612 301.37
   LOCATION L0008083     VOLUME   472732.909 3770934.974 301.80
   LOCATION L0008084     VOLUME   472726.752 3770929.114 302.39
   LOCATION L0008085     VOLUME   472720.595 3770923.253 303.04
   LOCATION L0008086     VOLUME   472714.439 3770917.393 303.30
   LOCATION L0008087     VOLUME   472708.282 3770911.532 303.50
   LOCATION L0008088     VOLUME   472702.125 3770905.672 303.69
   LOCATION L0008089     VOLUME   472695.969 3770899.811 303.89
   LOCATION L0008090     VOLUME   472689.812 3770893.951 304.08
   LOCATION L0008091     VOLUME   472683.655 3770888.090 303.82
   LOCATION L0008092     VOLUME   472677.499 3770882.230 303.46
   LOCATION L0008093     VOLUME   472671.342 3770876.369 303.03
   LOCATION L0008094     VOLUME   472665.186 3770870.509 302.52
   LOCATION L0008095     VOLUME   472659.029 3770864.648 301.93
   LOCATION L0008096     VOLUME   472652.872 3770858.787 301.31
   LOCATION L0008097     VOLUME   472646.716 3770852.927 300.70
   LOCATION L0008098     VOLUME   472640.559 3770847.066 300.08
   LOCATION L0008099     VOLUME   472634.402 3770841.206 299.47
   LOCATION L0008100     VOLUME   472628.246 3770835.345 299.02
   LOCATION L0008101     VOLUME   472622.089 3770829.485 299.15
   LOCATION L0008102     VOLUME   472615.932 3770823.624 299.20
   LOCATION L0008103     VOLUME   472609.776 3770817.764 299.16
   LOCATION L0008104     VOLUME   472603.619 3770811.903 299.05
   LOCATION L0008105     VOLUME   472597.462 3770806.043 298.99
   LOCATION L0008106     VOLUME   472591.306 3770800.182 298.79
   LOCATION L0008107     VOLUME   472585.149 3770794.322 298.60
   LOCATION L0008108     VOLUME   472578.992 3770788.461 298.40
   LOCATION L0008109     VOLUME   472572.836 3770782.601 298.21
** End of LINE VOLUME Source ID = SLINE5
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC 55% to I-10 at Waterman Ave.
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 0.00002953
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
** 474276.957, 3770440.920, 306.00, 4.00, 3.95
** 474282.666, 3769186.014, 310.00, 4.00, 3.95
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   LOCATION L0008111     VOLUME   474277.015 3770428.170 306.00
   LOCATION L0008112     VOLUME   474277.054 3770419.670 306.00
   LOCATION L0008113     VOLUME   474277.092 3770411.170 306.00
   LOCATION L0008114     VOLUME   474277.131 3770402.670 306.00
   LOCATION L0008115     VOLUME   474277.170 3770394.170 306.00
   LOCATION L0008116     VOLUME   474277.208 3770385.670 306.00
   LOCATION L0008117     VOLUME   474277.247 3770377.170 306.00
   LOCATION L0008118     VOLUME   474277.286 3770368.670 306.00
   LOCATION L0008119     VOLUME   474277.324 3770360.171 306.00
   LOCATION L0008120     VOLUME   474277.363 3770351.671 305.99
   LOCATION L0008121     VOLUME   474277.402 3770343.171 305.97
   LOCATION L0008122     VOLUME   474277.440 3770334.671 305.94
   LOCATION L0008123     VOLUME   474277.479 3770326.171 305.92
   LOCATION L0008124     VOLUME   474277.518 3770317.671 305.66
   LOCATION L0008125     VOLUME   474277.556 3770309.171 305.40
   LOCATION L0008126     VOLUME   474277.595 3770300.671 305.13
   LOCATION L0008127     VOLUME   474277.634 3770292.171 305.00
   LOCATION L0008128     VOLUME   474277.672 3770283.671 305.00
   LOCATION L0008129     VOLUME   474277.711 3770275.171 305.00
   LOCATION L0008130     VOLUME   474277.750 3770266.672 305.00
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				RES
LOCATION	L0008131	VOLUME	474277.788	3770258.172	305.00
LOCATION	L0008132	VOLUME	474277.827	3770249.672	305.00
LOCATION	L0008133	VOLUME	474277.866	3770241.172	305.00
LOCATION	L0008134	VOLUME	474277.904	3770232.672	305.00
LOCATION	L0008135	VOLUME	474277.943	3770224.172	305.00
LOCATION	L0008136	VOLUME	474277.982	3770215.672	305.00
LOCATION	L0008137	VOLUME	474278.020	3770207.172	305.00
LOCATION	L0008138	VOLUME	474278.059	3770198.672	305.00
LOCATION	L0008139	VOLUME	474278.098	3770190.172	305.00
LOCATION	L0008140	VOLUME	474278.136	3770181.672	305.00
LOCATION	L0008141	VOLUME	474278.175	3770173.172	305.00
LOCATION	L0008142	VOLUME	474278.214	3770164.673	305.00
LOCATION	L0008143	VOLUME	474278.252	3770156.173	305.00
LOCATION	L0008144	VOLUME	474278.291	3770147.673	305.00
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LOCATION	L0008156	VOLUME	474278.755	3770045.674	304.99
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LOCATION	L0008160	VOLUME	474278.910	3770011.674	304.99
LOCATION	L0008161	VOLUME	474278.949	3770003.174	304.99
LOCATION	L0008162	VOLUME	474278.987	3769994.674	305.00
LOCATION	L0008163	VOLUME	474279.026	3769986.174	305.00
LOCATION	L0008164	VOLUME	474279.065	3769977.674	305.00
LOCATION	L0008165	VOLUME	474279.103	3769969.175	305.00
LOCATION	L0008166	VOLUME	474279.142	3769960.675	305.00
LOCATION	L0008167	VOLUME	474279.181	3769952.175	305.00
LOCATION	L0008168	VOLUME	474279.219	3769943.675	305.00
LOCATION	L0008169	VOLUME	474279.258	3769935.175	305.04
LOCATION	L0008170	VOLUME	474279.297	3769926.675	305.32
LOCATION	L0008171	VOLUME	474279.335	3769918.175	305.60
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LOCATION	L0008173	VOLUME	474279.413	3769901.175	305.99
LOCATION	L0008174	VOLUME	474279.451	3769892.675	305.99
LOCATION	L0008175	VOLUME	474279.490	3769884.175	306.00
LOCATION	L0008176	VOLUME	474279.529	3769875.676	306.00
LOCATION	L0008177	VOLUME	474279.567	3769867.176	306.00
LOCATION	L0008178	VOLUME	474279.606	3769858.676	306.00
LOCATION	L0008179	VOLUME	474279.645	3769850.176	306.00
LOCATION	L0008180	VOLUME	474279.683	3769841.676	306.00
LOCATION	L0008181	VOLUME	474279.722	3769833.176	306.00
LOCATION	L0008182	VOLUME	474279.761	3769824.676	306.00
LOCATION	L0008183	VOLUME	474279.799	3769816.176	306.01
LOCATION	L0008184	VOLUME	474279.838	3769807.676	306.29
LOCATION	L0008185	VOLUME	474279.877	3769799.176	306.58
LOCATION	L0008186	VOLUME	474279.915	3769790.676	306.86
LOCATION	L0008187	VOLUME	474279.954	3769782.177	307.00
LOCATION	L0008188	VOLUME	474279.993	3769773.677	307.00
LOCATION	L0008189	VOLUME	474280.031	3769765.177	307.00
LOCATION	L0008190	VOLUME	474280.070	3769756.677	307.00
LOCATION	L0008191	VOLUME	474280.109	3769748.177	307.00
LOCATION	L0008192	VOLUME	474280.147	3769739.677	307.01
LOCATION	L0008193	VOLUME	474280.186	3769731.177	307.01
LOCATION	L0008194	VOLUME	474280.225	3769722.677	307.02
LOCATION	L0008195	VOLUME	474280.263	3769714.177	307.02
LOCATION	L0008196	VOLUME	474280.302	3769705.677	307.02
LOCATION	L0008197	VOLUME	474280.341	3769697.177	307.02

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   LOCATION L0008198     VOLUME   474280.379 3769688.677 307.27
   LOCATION L0008199     VOLUME   474280.418 3769680.178 307.55
   LOCATION L0008200     VOLUME   474280.457 3769671.678 307.83
   LOCATION L0008201     VOLUME   474280.495 3769663.178 308.00
   LOCATION L0008202     VOLUME   474280.534 3769654.678 308.01
   LOCATION L0008203     VOLUME   474280.573 3769646.178 308.02
   LOCATION L0008204     VOLUME   474280.612 3769637.678 308.03
   LOCATION L0008205     VOLUME   474280.650 3769629.178 308.03
   LOCATION L0008206     VOLUME   474280.689 3769620.678 308.03
   LOCATION L0008207     VOLUME   474280.728 3769612.178 308.03
   LOCATION L0008208     VOLUME   474280.766 3769603.678 308.12
   LOCATION L0008209     VOLUME   474280.805 3769595.178 308.40
   LOCATION L0008210     VOLUME   474280.844 3769586.679 308.67
   LOCATION L0008211     VOLUME   474280.882 3769578.179 308.94
   LOCATION L0008212     VOLUME   474280.921 3769569.679 309.01
   LOCATION L0008213     VOLUME   474280.960 3769561.179 309.02
   LOCATION L0008214     VOLUME   474280.998 3769552.679 309.03
   LOCATION L0008215     VOLUME   474281.037 3769544.179 309.04
   LOCATION L0008216     VOLUME   474281.076 3769535.679 309.04
   LOCATION L0008217     VOLUME   474281.114 3769527.179 309.05
   LOCATION L0008218     VOLUME   474281.153 3769518.679 309.05
   LOCATION L0008219     VOLUME   474281.192 3769510.179 309.24
   LOCATION L0008220     VOLUME   474281.230 3769501.679 309.52
   LOCATION L0008221     VOLUME   474281.269 3769493.180 309.78
   LOCATION L0008222     VOLUME   474281.308 3769484.680 310.00
   LOCATION L0008223     VOLUME   474281.346 3769476.180 310.00
   LOCATION L0008224     VOLUME   474281.385 3769467.680 310.00
   LOCATION L0008225     VOLUME   474281.424 3769459.180 310.00
   LOCATION L0008226     VOLUME   474281.462 3769450.680 310.00
   LOCATION L0008227     VOLUME   474281.501 3769442.180 310.00
   LOCATION L0008228     VOLUME   474281.540 3769433.680 310.00
   LOCATION L0008229     VOLUME   474281.578 3769425.180 310.00
   LOCATION L0008230     VOLUME   474281.617 3769416.680 310.00
   LOCATION L0008231     VOLUME   474281.656 3769408.180 310.00
   LOCATION L0008232     VOLUME   474281.694 3769399.680 310.00
   LOCATION L0008233     VOLUME   474281.733 3769391.181 310.01
   LOCATION L0008234     VOLUME   474281.772 3769382.681 310.03
   LOCATION L0008235     VOLUME   474281.810 3769374.181 310.05
   LOCATION L0008236     VOLUME   474281.849 3769365.681 310.09
   LOCATION L0008237     VOLUME   474281.888 3769357.181 310.36
   LOCATION L0008238     VOLUME   474281.926 3769348.681 310.62
   LOCATION L0008239     VOLUME   474281.965 3769340.181 310.88
   LOCATION L0008240     VOLUME   474282.004 3769331.681 311.00
   LOCATION L0008241     VOLUME   474282.042 3769323.181 311.00
   LOCATION L0008242     VOLUME   474282.081 3769314.681 311.00
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   LOCATION L0008244     VOLUME   474282.158 3769297.682 311.00
   LOCATION L0008245     VOLUME   474282.197 3769289.182 311.00
   LOCATION L0008246     VOLUME   474282.236 3769280.682 311.00
   LOCATION L0008247     VOLUME   474282.274 3769272.182 311.00
   LOCATION L0008248     VOLUME   474282.313 3769263.682 311.00
   LOCATION L0008249     VOLUME   474282.352 3769255.182 311.00
   LOCATION L0008250     VOLUME   474282.390 3769246.682 311.00
   LOCATION L0008251     VOLUME   474282.429 3769238.182 310.73
   LOCATION L0008252     VOLUME   474282.468 3769229.682 310.44
   LOCATION L0008253     VOLUME   474282.506 3769221.182 310.16
   LOCATION L0008254     VOLUME   474282.545 3769212.682 310.00
   LOCATION L0008255     VOLUME   474282.584 3769204.182 310.00
   LOCATION L0008256     VOLUME   474282.622 3769195.683 310.00
   LOCATION L0008257     VOLUME   474282.661 3769187.183 310.00
** End of LINE VOLUME Source ID = SLINE6
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0007141     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007142     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007143     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007144     0.0000009232      4.00      3.95      1.86
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                                                    RES
   SRCPARAM L0007145     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007146     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007147     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007148     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007149     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007150     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007151     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007152     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007153     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007154     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007155     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007156     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007157     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007158     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007159     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007160     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007161     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007162     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007163     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007164     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007165     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007166     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007167     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007168     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007169     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007170     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007171     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007172     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007173     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007174     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007175     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007176     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007177     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007178     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007179     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007180     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007181     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007182     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007183     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007184     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007185     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007186     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007187     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007188     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007189     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007190     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007191     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007192     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007193     0.0000009232      4.00      3.95      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0007194     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007195     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007196     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007197     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007198     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007199     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007200     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007201     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007202     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007203     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007204     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007205     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007206     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007207     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007208     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007209     0.0000009232      4.00      3.95      1.86
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                                                    RES
   SRCPARAM L0007210     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007211     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007212     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007213     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007214     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007215     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007216     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007217     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007218     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007219     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007220     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007221     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007222     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007223     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007224     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007225     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007226     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007227     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007228     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007229     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007230     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007231     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007232     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007233     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007234     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007235     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007236     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007237     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007238     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007239     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007240     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007241     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007242     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007243     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007244     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007245     0.0000009232      4.00      3.95      1.86
   SRCPARAM L0007246     0.0000009232      4.00      3.95      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0007247     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007248     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007249     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007250     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007251     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007252     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007253     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007254     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007255     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007256     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007257     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007258     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007259     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007260     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007261     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007262     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007263     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007264     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007265     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007266     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007267     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007268     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007269     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007270     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007271     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007272     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007273     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007274     0.0000003205      0.00      1.86      3.95
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                                                    RES
SRCPARAM L0007275     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007276     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007277     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007278     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007279     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007280     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007281     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007282     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007283     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007284     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007285     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007286     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007287     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007288     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007289     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007290     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007291     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007292     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007293     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007294     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007295     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007296     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007297     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007298     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007299     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007300     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007301     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007302     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007303     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007304     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007305     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007306     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007307     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007308     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007309     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007310     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007311     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007312     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007313     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007314     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007315     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007316     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007317     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007318     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007319     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007320     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007321     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007322     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007323     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007324     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007325     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007326     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007327     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007328     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007329     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007330     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007331     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007332     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007333     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007334     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007335     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007336     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007337     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007338     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007339     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007340     0.0000003205      0.00      1.86      3.95
SRCPARAM L0007341     0.0000003205      0.00      1.86      3.95
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				RES	
SRCPARAM	L0007342	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007343	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007344	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007345	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007346	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007347	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007348	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007349	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007350	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007351	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007352	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007353	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007354	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007355	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007356	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007357	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007358	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007359	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007360	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007361	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007362	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007363	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007364	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007365	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007366	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007367	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007368	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007369	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007370	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007371	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007372	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007373	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007374	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007375	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007376	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007377	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007378	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007379	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007380	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007381	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007382	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007383	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007384	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007385	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007386	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007387	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007388	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007389	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007390	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007391	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007392	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007393	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007394	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007395	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007396	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007397	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007398	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007399	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007400	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007401	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007402	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007403	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007404	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007405	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007406	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007407	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007408	0.0000003205	0.00	1.86	3.95

				RES	
SRCPARAM	L0007409	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007410	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007411	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007412	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007413	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007414	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007415	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007416	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007417	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007418	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007419	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007420	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007421	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007422	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007423	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007424	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007425	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007426	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007427	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007428	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007429	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007430	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007431	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007432	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007433	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007434	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007435	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007436	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007437	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007438	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007439	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007440	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007441	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007442	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007443	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007444	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007445	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007446	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007447	0.0000003205	0.00	1.86	3.95
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SRCPARAM	L0007450	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007451	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007452	0.0000003205	0.00	1.86	3.95
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SRCPARAM	L0007456	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007457	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007458	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007459	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007460	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007461	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007462	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007463	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007464	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007465	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007466	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007467	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007468	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007469	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007470	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007471	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007472	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007473	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007474	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007475	0.0000003205	0.00	1.86	3.95

				RES	
SRCPARAM	L0007476	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007477	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007478	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007479	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007480	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007481	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007482	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007483	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007484	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007485	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007486	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007487	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007488	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007489	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007490	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007491	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007492	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007493	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007494	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007495	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007496	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007497	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007498	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007499	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007500	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007501	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007502	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007503	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007504	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007505	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007506	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007507	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007508	0.0000003205	0.00	1.86	3.95
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SRCPARAM	L0007510	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007511	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007512	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007513	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007514	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007515	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007516	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007517	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007518	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007519	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007520	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007521	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007522	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007523	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007524	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007525	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007526	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007527	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007528	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007529	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007530	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007531	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007532	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007533	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007534	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007535	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007536	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007537	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007538	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007539	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007540	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007541	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007542	0.0000003205	0.00	1.86	3.95

			RES	
SRCPARAM	L0007543	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007544	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007545	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007546	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007547	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007548	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007549	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007550	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007551	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007552	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007553	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007554	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007555	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007556	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007557	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007558	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007559	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007560	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007561	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007562	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007563	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007564	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007565	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007566	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007567	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007568	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007569	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007570	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007571	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007572	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007573	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007574	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007575	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007576	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007577	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007578	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007579	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007580	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007581	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007582	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007583	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007584	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007585	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007586	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007587	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007588	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007589	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007590	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007591	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007592	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007593	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007594	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007595	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007596	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007597	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007598	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007599	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007600	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007601	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007602	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007603	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007604	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007605	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007606	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007607	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007608	0.0000003205	0.00	1.86	3.95
SRCPARAM	L0007609	0.0000003205	0.00	1.86	3.95

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                                                    RES
   SRCPARAM L0007610     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007611     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007612     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007613     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007614     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007615     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007616     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007617     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007618     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007619     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007620     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007621     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007622     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007623     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007624     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007625     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007626     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007627     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007628     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007629     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007630     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007631     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007632     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007633     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007634     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007635     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007636     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007637     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007638     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007639     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007640     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007641     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007642     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007643     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007644     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007645     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007646     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007647     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007648     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007649     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007650     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007651     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007652     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007653     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007654     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007655     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007656     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007657     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007658     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007659     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007660     0.0000003205      0.00      1.86      3.95
   SRCPARAM L0007661     0.0000003205      0.00      1.86      3.95
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0007662     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007663     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007664     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007665     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007666     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007667     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007668     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007669     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007670     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007671     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007672     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007673     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007674     0.0000001451      4.00      3.95      1.86
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				RES
SRCPARAM	L0007675	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007676	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007677	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007678	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007679	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007680	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007681	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007682	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007683	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007684	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007685	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007686	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007687	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007688	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007689	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007690	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007691	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007692	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007693	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007694	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007695	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007696	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007697	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007698	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007699	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007700	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007701	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007702	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007703	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007704	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007705	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007706	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007707	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007708	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007709	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007710	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007711	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007712	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007713	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007714	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007715	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007716	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007717	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007718	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007719	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007720	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007721	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007722	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007723	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007724	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007725	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007726	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007727	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007728	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007729	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007730	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007731	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007732	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007733	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007734	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007735	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007736	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007737	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007738	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007739	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007740	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007741	0.0000001451	4.00	3.95	1.86

				RES	
SRCPARAM	L0007742	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007743	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007744	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007745	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007746	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007747	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007748	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007749	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007750	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007751	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007752	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007753	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007754	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007755	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007756	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007757	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007758	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007759	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007760	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007761	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007762	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007763	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007764	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007765	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007766	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007767	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007768	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007769	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007770	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007771	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007772	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007773	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007774	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007775	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007776	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007777	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007778	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007779	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007780	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007781	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007782	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007783	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007784	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007785	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007786	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007787	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007788	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007789	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007790	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007791	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007792	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007793	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007794	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007795	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007796	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007797	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007798	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007799	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007800	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007801	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007802	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007803	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007804	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007805	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007806	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007807	0.0000001451	4.00	3.95	1.86
SRCPARAM	L0007808	0.0000001451	4.00	3.95	1.86

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                                                    RES
   SRCPARAM L0007809     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007810     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007811     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007812     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007813     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007814     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007815     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007816     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007817     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007818     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007819     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007820     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007821     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007822     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007823     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007824     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007825     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007826     0.0000001451      4.00      3.95      1.86
   SRCPARAM L0007827     0.0000001451      4.00      3.95      1.86
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** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0007828     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007829     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007830     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007831     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007832     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007833     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007834     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007835     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007836     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007837     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007838     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007839     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007840     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007841     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007842     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007843     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007844     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007845     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007846     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007847     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007848     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007849     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007850     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007851     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007852     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007853     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007854     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007855     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007856     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007857     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007858     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007859     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007860     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007861     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007862     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007863     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007864     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007865     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007866     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007867     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007868     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007869     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007870     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007871     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007872     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0007873     0.00000001815      0.00      3.95      1.86
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SRCPARAM	L0007874	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007875	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007876	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007877	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007878	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007879	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007880	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007881	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007882	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007883	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007884	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007885	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007886	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007887	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007888	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007889	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007890	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007891	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007892	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007893	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007894	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007895	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007896	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007897	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007898	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007899	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007900	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007901	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007902	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007903	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007904	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007905	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007906	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007907	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007908	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007909	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007910	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007911	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007912	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007913	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007914	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007915	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007916	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007917	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007918	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007919	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007920	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007921	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007922	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007923	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007924	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007925	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007926	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007927	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007928	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007929	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007930	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007931	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007932	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007933	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007934	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007935	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007936	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007937	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007938	0.00000001815	0.00	3.95	1.86
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SRCPARAM	L0007940	0.00000001815	0.00	3.95	1.86

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SRCPARAM	L0007941	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007942	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007943	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007944	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007945	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007946	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007947	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007948	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007949	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007950	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007951	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007952	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007953	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007954	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007955	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007956	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007957	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007958	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007959	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007960	0.00000001815	0.00	3.95	1.86
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SRCPARAM	L0007962	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007963	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007964	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007965	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007966	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007967	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007968	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007969	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007970	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007971	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007972	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007973	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007974	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007975	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007976	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007977	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007978	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007979	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007980	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007981	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007982	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007983	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007984	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007985	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007986	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007987	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007988	0.00000001815	0.00	3.95	1.86
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SRCPARAM	L0007990	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007991	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007992	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007993	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007994	0.00000001815	0.00	3.95	1.86
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SRCPARAM	L0007996	0.00000001815	0.00	3.95	1.86
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SRCPARAM	L0007998	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0007999	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008000	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008001	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008002	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008003	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008004	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008005	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008006	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008007	0.00000001815	0.00	3.95	1.86

				RES	
SRCPARAM	L0008008	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008009	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008010	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008011	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008012	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008013	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008014	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008015	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008016	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008017	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008018	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008019	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008020	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008021	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008022	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008023	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008024	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008025	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008026	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008027	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008028	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008029	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008030	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008031	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008032	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008033	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008034	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008035	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008036	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008037	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008038	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008039	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008040	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008041	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008042	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008043	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008044	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008045	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008046	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008047	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008048	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008049	0.00000001815	0.00	3.95	1.86
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SRCPARAM	L0008052	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008053	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008054	0.00000001815	0.00	3.95	1.86
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SRCPARAM	L0008056	0.00000001815	0.00	3.95	1.86
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SRCPARAM	L0008059	0.00000001815	0.00	3.95	1.86
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SRCPARAM	L0008061	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008062	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008063	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008064	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008065	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008066	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008067	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008068	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008069	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008070	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008071	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008072	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008073	0.00000001815	0.00	3.95	1.86
SRCPARAM	L0008074	0.00000001815	0.00	3.95	1.86

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                                                    RES
   SRCPARAM L0008075     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008076     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008077     0.00000001815      0.00      3.95      1.86
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   SRCPARAM L0008079     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008080     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008081     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008082     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008083     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008084     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008085     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008086     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008087     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008088     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008089     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008090     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008091     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008092     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008093     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008094     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008095     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008096     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008097     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008098     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008099     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008100     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008101     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008102     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008103     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008104     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008105     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008106     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008107     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008108     0.00000001815      0.00      3.95      1.86
   SRCPARAM L0008109     0.00000001815      0.00      3.95      1.86
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** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0008110     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008111     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008112     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008113     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008114     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008115     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008116     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008117     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008118     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008119     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008120     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008121     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008122     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008123     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008124     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008125     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008126     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008127     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008128     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008129     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008130     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008131     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008132     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008133     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008134     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008135     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008136     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008137     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008138     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008139     0.0000001995      4.00      3.95      1.86
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					RES
SRCPARAM	L0008140	0.0000001995	4.00	3.95	1.86
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SRCPARAM	L0008142	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008143	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008144	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008145	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008146	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008147	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008148	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008149	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008150	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008151	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008152	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008153	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008154	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008155	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008156	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008157	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008158	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008159	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008160	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008161	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008162	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008163	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008164	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008165	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008166	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008167	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008168	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008169	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008170	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008171	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008172	0.0000001995	4.00	3.95	1.86
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SRCPARAM	L0008176	0.0000001995	4.00	3.95	1.86
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SRCPARAM	L0008198	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008199	0.0000001995	4.00	3.95	1.86
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SRCPARAM	L0008201	0.0000001995	4.00	3.95	1.86
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SRCPARAM	L0008203	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008204	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008205	0.0000001995	4.00	3.95	1.86
SRCPARAM	L0008206	0.0000001995	4.00	3.95	1.86

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   SRCPARAM L0008212     0.0000001995      4.00      3.95      1.86
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   SRCPARAM L0008217     0.0000001995      4.00      3.95      1.86
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   SRCPARAM L0008246     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008247     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008248     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008249     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008250     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008251     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008252     0.0000001995      4.00      3.95      1.86
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   SRCPARAM L0008254     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008255     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008256     0.0000001995      4.00      3.95      1.86
   SRCPARAM L0008257     0.0000001995      4.00      3.95      1.86
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED RES.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
```

```
**************************************
**
**
ME STARTING
   SURFFILE ..\..\snbo8.sfc
   PROFFILE ..\..\snbo8.PFL
   SURFDATA 0 2007
   UAIRDATA 3190 2007
   SITEDATA 99999 2007
   PROFBASE 305.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL RES.AD\AN00GALL.PLT 31
   SUMMFILE RES.sum
OU FINISHED

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

♀ *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\GWS\HRA\RES\RES.isc                              ***
    03/27/17
 *** AERMET - VERSION  14134 ***   ***                                                                     ***
   13:53:17

   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                                          ***     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  1117 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   2015355.0 ;  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:
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates ANNUAL Averages Only
```

```
 **This Run Includes:   1117 Source(s);       1 Source Group(s); and      25 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   1117 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


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

 **The AERMET Input Meteorological Data Version Date:  14134

 **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) =   305.00 ;  Decay Coef. =    0.000     ;  Rot. Angle
=     0.0
                  Emission Units = GRAMS/SEC                              ;  Emission Rate Unit Factor =
0.10000E+07
                  Output Units   = MICROGRAMS/M**3

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

 **Detailed Error/Message File:   RES.err

 **File for Summary of Results:   RES.sum

♀ *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\GWS\HRA\RES\RES.isc                              ***
    03/27/17
 *** AERMET - VERSION  14134 ***   ***                                                                    ***
   13:53:17

   PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


                                              *** VOLUME SOURCE DATA ***

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

 L0007141         0   0.92320E-06  473723.3 3770425.2   302.3     4.00     3.95     1.86     YES
 L0007142         0   0.92320E-06  473731.7 3770425.9   302.5     4.00     3.95     1.86     YES
 L0007143         0   0.92320E-06  473740.2 3770426.7   302.7     4.00     3.95     1.86     YES
 L0007144         0   0.92320E-06  473748.7 3770427.4   302.7     4.00     3.95     1.86     YES
 L0007145         0   0.92320E-06  473757.1 3770428.1   302.8     4.00     3.95     1.86     YES
 L0007146         0   0.92320E-06  473765.6 3770428.8   302.9     4.00     3.95     1.86     YES
 L0007147         0   0.92320E-06  473774.1 3770429.6   303.1     4.00     3.95     1.86     YES
 L0007148         0   0.92320E-06  473782.6 3770430.3   303.4     4.00     3.95     1.86     YES
 L0007149         0   0.92320E-06  473791.0 3770431.0   303.7     4.00     3.95     1.86     YES
 L0007150         0   0.92320E-06  473799.5 3770431.7   304.0     4.00     3.95     1.86     YES
 L0007151         0   0.92320E-06  473808.0 3770432.5   304.3     4.00     3.95     1.86     YES
 L0007152         0   0.92320E-06  473816.4 3770433.2   304.6     4.00     3.95     1.86     YES
 L0007153         0   0.92320E-06  473824.9 3770433.9   304.8     4.00     3.95     1.86     YES
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L0007154	0	0.92320E-06	473833.4	3770434.6	305.0	4.00	3.95	1.86	YES
L0007155	0	0.92320E-06	473841.8	3770435.4	305.0	4.00	3.95	1.86	YES
L0007156	0	0.92320E-06	473850.3	3770436.1	305.0	4.00	3.95	1.86	YES
L0007157	0	0.92320E-06	473858.8	3770436.8	305.0	4.00	3.95	1.86	YES
L0007158	0	0.92320E-06	473867.2	3770437.5	305.0	4.00	3.95	1.86	YES
L0007159	0	0.92320E-06	473875.7	3770438.2	305.0	4.00	3.95	1.86	YES
L0007160	0	0.92320E-06	473884.2	3770439.0	305.0	4.00	3.95	1.86	YES
L0007161	0	0.92320E-06	473892.7	3770439.7	305.0	4.00	3.95	1.86	YES
L0007162	0	0.92320E-06	473901.1	3770440.4	305.0	4.00	3.95	1.86	YES
L0007163	0	0.92320E-06	473909.6	3770441.1	305.0	4.00	3.95	1.86	YES
L0007164	0	0.92320E-06	473918.1	3770441.9	305.0	4.00	3.95	1.86	YES
L0007165	0	0.92320E-06	473926.5	3770442.6	305.0	4.00	3.95	1.86	YES
L0007166	0	0.92320E-06	473935.0	3770443.3	305.0	4.00	3.95	1.86	YES
L0007167	0	0.92320E-06	473943.5	3770444.0	305.0	4.00	3.95	1.86	YES
L0007168	0	0.92320E-06	473951.9	3770444.8	305.0	4.00	3.95	1.86	YES
L0007169	0	0.92320E-06	473960.4	3770445.5	305.0	4.00	3.95	1.86	YES
L0007170	0	0.92320E-06	473968.9	3770446.2	305.0	4.00	3.95	1.86	YES
L0007171	0	0.92320E-06	473977.3	3770446.9	305.0	4.00	3.95	1.86	YES
L0007172	0	0.92320E-06	473985.8	3770447.6	305.2	4.00	3.95	1.86	YES
L0007173	0	0.92320E-06	473994.3	3770448.4	305.5	4.00	3.95	1.86	YES
L0007174	0	0.92320E-06	474002.8	3770449.1	305.8	4.00	3.95	1.86	YES
L0007175	0	0.92320E-06	474011.2	3770449.8	306.0	4.00	3.95	1.86	YES
L0007176	0	0.92320E-06	474019.7	3770450.5	306.0	4.00	3.95	1.86	YES
L0007177	0	0.92320E-06	474028.2	3770451.3	306.0	4.00	3.95	1.86	YES
L0007178	0	0.92320E-06	474036.6	3770452.0	306.0	4.00	3.95	1.86	YES
L0007179	0	0.92320E-06	474045.1	3770452.7	306.0	4.00	3.95	1.86	YES
L0007180	0	0.92320E-06	474053.6	3770453.4	306.0	4.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007181	0	0.92320E-06	474062.0	3770454.2	306.0	4.00	3.95	1.86	YES	
L0007182	0	0.92320E-06	474070.5	3770454.9	306.0	4.00	3.95	1.86	YES	
L0007183	0	0.92320E-06	474079.0	3770455.6	306.0	4.00	3.95	1.86	YES	
L0007184	0	0.92320E-06	474087.4	3770456.3	306.0	4.00	3.95	1.86	YES	
L0007185	0	0.92320E-06	474095.9	3770457.1	306.0	4.00	3.95	1.86	YES	
L0007186	0	0.92320E-06	474104.4	3770457.8	306.0	4.00	3.95	1.86	YES	
L0007187	0	0.92320E-06	474112.9	3770458.5	306.0	4.00	3.95	1.86	YES	
L0007188	0	0.92320E-06	474121.3	3770459.2	306.0	4.00	3.95	1.86	YES	
L0007189	0	0.92320E-06	474129.8	3770459.9	306.0	4.00	3.95	1.86	YES	
L0007190	0	0.92320E-06	474138.3	3770460.7	306.0	4.00	3.95	1.86	YES	
L0007191	0	0.92320E-06	474146.7	3770461.4	306.0	4.00	3.95	1.86	YES	
L0007192	0	0.92320E-06	474155.2	3770462.1	306.0	4.00	3.95	1.86	YES	
L0007193	0	0.92320E-06	474163.7	3770462.8	306.0	4.00	3.95	1.86	YES	
L0007194	0	0.92320E-06	473723.9	3770197.1	301.5	4.00	3.95	1.86	YES	
L0007195	0	0.92320E-06	473732.4	3770197.8	301.6	4.00	3.95	1.86	YES	
L0007196	0	0.92320E-06	473740.9	3770198.5	301.7	4.00	3.95	1.86	YES	
L0007197	0	0.92320E-06	473749.3	3770199.3	301.8	4.00	3.95	1.86	YES	
L0007198	0	0.92320E-06	473757.8	3770200.0	301.8	4.00	3.95	1.86	YES	
L0007199	0	0.92320E-06	473766.3	3770200.7	301.8	4.00	3.95	1.86	YES	
L0007200	0	0.92320E-06	473774.8	3770201.4	301.9	4.00	3.95	1.86	YES	
L0007201	0	0.92320E-06	473783.2	3770202.1	301.9	4.00	3.95	1.86	YES	
L0007202	0	0.92320E-06	473791.7	3770202.9	302.0	4.00	3.95	1.86	YES	
L0007203	0	0.92320E-06	473800.2	3770203.6	302.0	4.00	3.95	1.86	YES	

L0007204	0	0.92320E-06	473808.6	3770204.3	302.3	4.00	3.95	1.86	YES	
L0007205	0	0.92320E-06	473817.1	3770205.0	302.6	4.00	3.95	1.86	YES	
L0007206	0	0.92320E-06	473825.6	3770205.8	302.9	4.00	3.95	1.86	YES	
L0007207	0	0.92320E-06	473834.0	3770206.5	303.0	4.00	3.95	1.86	YES	
L0007208	0	0.92320E-06	473842.5	3770207.2	303.0	4.00	3.95	1.86	YES	
L0007209	0	0.92320E-06	473851.0	3770207.9	303.0	4.00	3.95	1.86	YES	
L0007210	0	0.92320E-06	473859.4	3770208.7	303.0	4.00	3.95	1.86	YES	
L0007211	0	0.92320E-06	473867.9	3770209.4	303.0	4.00	3.95	1.86	YES	
L0007212	0	0.92320E-06	473876.4	3770210.1	303.1	4.00	3.95	1.86	YES	
L0007213	0	0.92320E-06	473884.9	3770210.8	303.1	4.00	3.95	1.86	YES	
L0007214	0	0.92320E-06	473893.3	3770211.6	303.2	4.00	3.95	1.86	YES	
L0007215	0	0.92320E-06	473901.8	3770212.3	303.2	4.00	3.95	1.86	YES	
L0007216	0	0.92320E-06	473910.3	3770213.0	303.2	4.00	3.95	1.86	YES	
L0007217	0	0.92320E-06	473918.7	3770213.7	303.2	4.00	3.95	1.86	YES	
L0007218	0	0.92320E-06	473927.2	3770214.4	303.4	4.00	3.95	1.86	YES	
L0007219	0	0.92320E-06	473935.7	3770215.2	303.7	4.00	3.95	1.86	YES	
L0007220	0	0.92320E-06	473944.1	3770215.9	303.9	4.00	3.95	1.86	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007221	0	0.92320E-06	473952.6	3770216.6	303.9	4.00	3.95	1.86	YES	
L0007222	0	0.92320E-06	473961.1	3770217.3	303.8	4.00	3.95	1.86	YES	
L0007223	0	0.92320E-06	473969.5	3770218.1	303.6	4.00	3.95	1.86	YES	
L0007224	0	0.92320E-06	473978.0	3770218.8	303.4	4.00	3.95	1.86	YES	
L0007225	0	0.92320E-06	473986.5	3770219.5	303.3	4.00	3.95	1.86	YES	
L0007226	0	0.92320E-06	473995.0	3770220.2	303.2	4.00	3.95	1.86	YES	
L0007227	0	0.92320E-06	474003.4	3770221.0	303.1	4.00	3.95	1.86	YES	
L0007228	0	0.92320E-06	474011.9	3770221.7	303.1	4.00	3.95	1.86	YES	
L0007229	0	0.92320E-06	474020.4	3770222.4	303.4	4.00	3.95	1.86	YES	
L0007230	0	0.92320E-06	474028.8	3770223.1	303.7	4.00	3.95	1.86	YES	
L0007231	0	0.92320E-06	474037.3	3770223.9	304.1	4.00	3.95	1.86	YES	
L0007232	0	0.92320E-06	474045.8	3770224.6	304.2	4.00	3.95	1.86	YES	
L0007233	0	0.92320E-06	474054.2	3770225.3	304.3	4.00	3.95	1.86	YES	
L0007234	0	0.92320E-06	474062.7	3770226.0	304.3	4.00	3.95	1.86	YES	
L0007235	0	0.92320E-06	474071.2	3770226.7	304.4	4.00	3.95	1.86	YES	
L0007236	0	0.92320E-06	474079.6	3770227.5	304.6	4.00	3.95	1.86	YES	
L0007237	0	0.92320E-06	474088.1	3770228.2	304.8	4.00	3.95	1.86	YES	
L0007238	0	0.92320E-06	474096.6	3770228.9	304.9	4.00	3.95	1.86	YES	
L0007239	0	0.92320E-06	474105.1	3770229.6	305.0	4.00	3.95	1.86	YES	
L0007240	0	0.92320E-06	474113.5	3770230.4	305.0	4.00	3.95	1.86	YES	
L0007241	0	0.92320E-06	474122.0	3770231.1	305.0	4.00	3.95	1.86	YES	
L0007242	0	0.92320E-06	474130.5	3770231.8	305.0	4.00	3.95	1.86	YES	
L0007243	0	0.92320E-06	474138.9	3770232.5	305.0	4.00	3.95	1.86	YES	
L0007244	0	0.92320E-06	474147.4	3770233.3	305.0	4.00	3.95	1.86	YES	
L0007245	0	0.92320E-06	474155.9	3770234.0	305.0	4.00	3.95	1.86	YES	
L0007246	0	0.92320E-06	474164.3	3770234.7	305.0	4.00	3.95	1.86	YES	
L0007247	0	0.32050E-06	473803.1	3770949.8	306.0	0.00	1.86	3.95	YES	
L0007248	0	0.32050E-06	473799.1	3770949.7	306.0	0.00	1.86	3.95	YES	
L0007249	0	0.32050E-06	473795.1	3770949.7	306.0	0.00	1.86	3.95	YES	
L0007250	0	0.32050E-06	473791.1	3770949.6	306.0	0.00	1.86	3.95	YES	
L0007251	0	0.32050E-06	473787.1	3770949.6	306.0	0.00	1.86	3.95	YES	
L0007252	0	0.32050E-06	473783.1	3770949.5	306.0	0.00	1.86	3.95	YES	
L0007253	0	0.32050E-06	473779.1	3770949.5	306.0	0.00	1.86	3.95	YES	

L0007254	0	0.32050E-06	473775.1	3770949.4	306.0	0.00	1.86	3.95	YES
L0007255	0	0.32050E-06	473771.1	3770949.4	306.0	0.00	1.86	3.95	YES
L0007256	0	0.32050E-06	473767.1	3770949.3	305.9	0.00	1.86	3.95	YES
L0007257	0	0.32050E-06	473763.1	3770949.2	305.8	0.00	1.86	3.95	YES
L0007258	0	0.32050E-06	473759.1	3770949.2	305.6	0.00	1.86	3.95	YES
L0007259	0	0.32050E-06	473755.1	3770949.1	305.5	0.00	1.86	3.95	YES
L0007260	0	0.32050E-06	473751.1	3770949.1	305.4	0.00	1.86	3.95	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007261	0	0.32050E-06	473747.1	3770949.0	305.2	0.00	1.86	3.95	YES	
L0007262	0	0.32050E-06	473743.1	3770949.0	305.1	0.00	1.86	3.95	YES	
L0007263	0	0.32050E-06	473739.1	3770948.9	305.0	0.00	1.86	3.95	YES	
L0007264	0	0.32050E-06	473735.1	3770948.9	305.0	0.00	1.86	3.95	YES	
L0007265	0	0.32050E-06	473731.1	3770948.8	305.0	0.00	1.86	3.95	YES	
L0007266	0	0.32050E-06	473729.7	3770946.2	305.0	0.00	1.86	3.95	YES	
L0007267	0	0.32050E-06	473729.7	3770942.2	305.0	0.00	1.86	3.95	YES	
L0007268	0	0.32050E-06	473729.6	3770938.2	305.0	0.00	1.86	3.95	YES	
L0007269	0	0.32050E-06	473729.6	3770934.2	305.0	0.00	1.86	3.95	YES	
L0007270	0	0.32050E-06	473729.6	3770930.2	305.0	0.00	1.86	3.95	YES	
L0007271	0	0.32050E-06	473729.6	3770926.2	305.0	0.00	1.86	3.95	YES	
L0007272	0	0.32050E-06	473729.5	3770922.2	305.0	0.00	1.86	3.95	YES	
L0007273	0	0.32050E-06	473729.5	3770918.2	305.0	0.00	1.86	3.95	YES	
L0007274	0	0.32050E-06	473729.5	3770914.2	305.0	0.00	1.86	3.95	YES	
L0007275	0	0.32050E-06	473729.5	3770910.2	305.0	0.00	1.86	3.95	YES	
L0007276	0	0.32050E-06	473729.5	3770906.2	305.0	0.00	1.86	3.95	YES	
L0007277	0	0.32050E-06	473729.4	3770902.2	305.0	0.00	1.86	3.95	YES	
L0007278	0	0.32050E-06	473729.4	3770898.2	305.0	0.00	1.86	3.95	YES	
L0007279	0	0.32050E-06	473729.4	3770894.2	305.0	0.00	1.86	3.95	YES	
L0007280	0	0.32050E-06	473729.4	3770890.2	305.0	0.00	1.86	3.95	YES	
L0007281	0	0.32050E-06	473729.3	3770886.2	305.0	0.00	1.86	3.95	YES	
L0007282	0	0.32050E-06	473729.3	3770882.2	305.0	0.00	1.86	3.95	YES	
L0007283	0	0.32050E-06	473729.3	3770878.2	305.0	0.00	1.86	3.95	YES	
L0007284	0	0.32050E-06	473729.3	3770874.2	305.0	0.00	1.86	3.95	YES	
L0007285	0	0.32050E-06	473729.2	3770870.2	305.0	0.00	1.86	3.95	YES	
L0007286	0	0.32050E-06	473729.2	3770866.2	305.0	0.00	1.86	3.95	YES	
L0007287	0	0.32050E-06	473729.2	3770862.2	305.0	0.00	1.86	3.95	YES	
L0007288	0	0.32050E-06	473729.2	3770858.2	305.0	0.00	1.86	3.95	YES	
L0007289	0	0.32050E-06	473729.1	3770854.2	305.0	0.00	1.86	3.95	YES	
L0007290	0	0.32050E-06	473729.1	3770850.2	305.0	0.00	1.86	3.95	YES	
L0007291	0	0.32050E-06	473729.1	3770846.2	305.0	0.00	1.86	3.95	YES	
L0007292	0	0.32050E-06	473729.1	3770842.2	305.0	0.00	1.86	3.95	YES	
L0007293	0	0.32050E-06	473729.1	3770838.2	305.0	0.00	1.86	3.95	YES	
L0007294	0	0.32050E-06	473729.0	3770834.2	305.0	0.00	1.86	3.95	YES	
L0007295	0	0.32050E-06	473729.0	3770830.2	305.0	0.00	1.86	3.95	YES	
L0007296	0	0.32050E-06	473729.0	3770826.2	305.0	0.00	1.86	3.95	YES	
L0007297	0	0.32050E-06	473729.0	3770822.2	305.0	0.00	1.86	3.95	YES	
L0007298	0	0.32050E-06	473728.9	3770818.2	305.0	0.00	1.86	3.95	YES	
L0007299	0	0.32050E-06	473728.9	3770814.2	305.0	0.00	1.86	3.95	YES	
L0007300	0	0.32050E-06	473728.9	3770810.2	305.0	0.00	1.86	3.95	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007301	0	0.32050E-06	473728.9	3770806.2	305.0	0.00	1.86	3.95	YES	
L0007302	0	0.32050E-06	473728.8	3770802.2	305.0	0.00	1.86	3.95	YES	
L0007303	0	0.32050E-06	473728.8	3770798.2	305.0	0.00	1.86	3.95	YES	
L0007304	0	0.32050E-06	473728.8	3770794.2	305.0	0.00	1.86	3.95	YES	
L0007305	0	0.32050E-06	473728.8	3770790.2	305.0	0.00	1.86	3.95	YES	
L0007306	0	0.32050E-06	473728.8	3770786.2	305.0	0.00	1.86	3.95	YES	
L0007307	0	0.32050E-06	473728.8	3770782.2	305.0	0.00	1.86	3.95	YES	
L0007308	0	0.32050E-06	473728.8	3770778.2	305.0	0.00	1.86	3.95	YES	
L0007309	0	0.32050E-06	473728.8	3770774.2	305.0	0.00	1.86	3.95	YES	
L0007310	0	0.32050E-06	473728.8	3770770.2	305.0	0.00	1.86	3.95	YES	
L0007311	0	0.32050E-06	473728.9	3770766.2	305.0	0.00	1.86	3.95	YES	
L0007312	0	0.32050E-06	473728.9	3770762.2	305.0	0.00	1.86	3.95	YES	
L0007313	0	0.32050E-06	473728.9	3770758.2	305.0	0.00	1.86	3.95	YES	
L0007314	0	0.32050E-06	473728.9	3770754.2	305.0	0.00	1.86	3.95	YES	
L0007315	0	0.32050E-06	473728.9	3770750.2	305.0	0.00	1.86	3.95	YES	
L0007316	0	0.32050E-06	473728.9	3770746.2	305.0	0.00	1.86	3.95	YES	
L0007317	0	0.32050E-06	473729.0	3770742.2	305.0	0.00	1.86	3.95	YES	
L0007318	0	0.32050E-06	473729.0	3770738.2	305.0	0.00	1.86	3.95	YES	
L0007319	0	0.32050E-06	473729.0	3770734.2	305.0	0.00	1.86	3.95	YES	
L0007320	0	0.32050E-06	473729.0	3770730.2	305.0	0.00	1.86	3.95	YES	
L0007321	0	0.32050E-06	473729.0	3770726.2	305.0	0.00	1.86	3.95	YES	
L0007322	0	0.32050E-06	473729.1	3770722.2	305.0	0.00	1.86	3.95	YES	
L0007323	0	0.32050E-06	473729.1	3770718.2	305.0	0.00	1.86	3.95	YES	
L0007324	0	0.32050E-06	473729.1	3770714.2	305.0	0.00	1.86	3.95	YES	
L0007325	0	0.32050E-06	473729.1	3770710.2	305.0	0.00	1.86	3.95	YES	
L0007326	0	0.32050E-06	473729.1	3770706.2	305.0	0.00	1.86	3.95	YES	
L0007327	0	0.32050E-06	473729.1	3770702.2	305.0	0.00	1.86	3.95	YES	
L0007328	0	0.32050E-06	473729.2	3770698.2	305.0	0.00	1.86	3.95	YES	
L0007329	0	0.32050E-06	473729.2	3770694.2	305.0	0.00	1.86	3.95	YES	
L0007330	0	0.32050E-06	473729.2	3770690.2	305.0	0.00	1.86	3.95	YES	
L0007331	0	0.32050E-06	473729.2	3770686.2	305.0	0.00	1.86	3.95	YES	
L0007332	0	0.32050E-06	473729.2	3770682.2	304.8	0.00	1.86	3.95	YES	
L0007333	0	0.32050E-06	473729.2	3770678.2	304.6	0.00	1.86	3.95	YES	
L0007334	0	0.32050E-06	473729.3	3770674.2	304.4	0.00	1.86	3.95	YES	
L0007335	0	0.32050E-06	473729.3	3770670.2	304.3	0.00	1.86	3.95	YES	
L0007336	0	0.32050E-06	473729.3	3770666.2	304.1	0.00	1.86	3.95	YES	
L0007337	0	0.32050E-06	473729.3	3770662.2	303.9	0.00	1.86	3.95	YES	
L0007338	0	0.32050E-06	473729.3	3770658.2	303.7	0.00	1.86	3.95	YES	
L0007339	0	0.32050E-06	473729.3	3770654.2	303.6	0.00	1.86	3.95	YES	
L0007340	0	0.32050E-06	473729.4	3770650.2	303.4	0.00	1.86	3.95	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

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

ID	CATS.		(METERS)	(METERS)	RES (METERS)	(METERS)	(METERS)	(METERS)		BY
L0007341	0	0.32050E-06	473729.4	3770646.2	303.3	0.00	1.86	3.95	YES	
L0007342	0	0.32050E-06	473729.4	3770642.2	303.2	0.00	1.86	3.95	YES	
L0007343	0	0.32050E-06	473729.4	3770638.2	303.1	0.00	1.86	3.95	YES	
L0007344	0	0.32050E-06	473729.4	3770634.2	302.9	0.00	1.86	3.95	YES	
L0007345	0	0.32050E-06	473729.4	3770630.2	302.8	0.00	1.86	3.95	YES	
L0007346	0	0.32050E-06	473729.5	3770626.2	302.7	0.00	1.86	3.95	YES	
L0007347	0	0.32050E-06	473729.5	3770622.2	302.7	0.00	1.86	3.95	YES	
L0007348	0	0.32050E-06	473729.5	3770618.2	302.7	0.00	1.86	3.95	YES	
L0007349	0	0.32050E-06	473729.5	3770614.2	302.7	0.00	1.86	3.95	YES	
L0007350	0	0.32050E-06	473729.5	3770610.2	302.7	0.00	1.86	3.95	YES	
L0007351	0	0.32050E-06	473729.5	3770606.2	302.7	0.00	1.86	3.95	YES	
L0007352	0	0.32050E-06	473729.6	3770602.2	302.7	0.00	1.86	3.95	YES	
L0007353	0	0.32050E-06	473729.6	3770598.2	302.7	0.00	1.86	3.95	YES	
L0007354	0	0.32050E-06	473729.6	3770594.2	302.6	0.00	1.86	3.95	YES	
L0007355	0	0.32050E-06	473729.6	3770590.2	302.5	0.00	1.86	3.95	YES	
L0007356	0	0.32050E-06	473729.6	3770586.2	302.4	0.00	1.86	3.95	YES	
L0007357	0	0.32050E-06	473729.3	3770582.5	302.4	0.00	1.86	3.95	YES	
L0007358	0	0.32050E-06	473725.3	3770581.8	302.3	0.00	1.86	3.95	YES	
L0007359	0	0.32050E-06	473721.4	3770581.0	302.2	0.00	1.86	3.95	YES	
L0007360	0	0.32050E-06	473717.5	3770580.3	302.1	0.00	1.86	3.95	YES	
L0007361	0	0.32050E-06	473713.6	3770579.5	302.1	0.00	1.86	3.95	YES	
L0007362	0	0.32050E-06	473709.6	3770578.8	302.0	0.00	1.86	3.95	YES	
L0007363	0	0.32050E-06	473705.7	3770578.1	302.0	0.00	1.86	3.95	YES	
L0007364	0	0.32050E-06	473701.8	3770577.3	302.0	0.00	1.86	3.95	YES	
L0007365	0	0.32050E-06	473697.8	3770576.6	302.0	0.00	1.86	3.95	YES	
L0007366	0	0.32050E-06	473695.4	3770574.5	302.0	0.00	1.86	3.95	YES	
L0007367	0	0.32050E-06	473695.3	3770570.5	302.0	0.00	1.86	3.95	YES	
L0007368	0	0.32050E-06	473695.2	3770566.5	302.0	0.00	1.86	3.95	YES	
L0007369	0	0.32050E-06	473695.1	3770562.5	302.0	0.00	1.86	3.95	YES	
L0007370	0	0.32050E-06	473695.0	3770558.5	302.0	0.00	1.86	3.95	YES	
L0007371	0	0.32050E-06	473694.9	3770554.5	302.0	0.00	1.86	3.95	YES	
L0007372	0	0.32050E-06	473694.7	3770550.5	302.0	0.00	1.86	3.95	YES	
L0007373	0	0.32050E-06	473694.6	3770546.5	302.0	0.00	1.86	3.95	YES	
L0007374	0	0.32050E-06	473694.5	3770542.5	302.0	0.00	1.86	3.95	YES	
L0007375	0	0.32050E-06	473694.4	3770538.5	302.0	0.00	1.86	3.95	YES	
L0007376	0	0.32050E-06	473694.3	3770534.5	302.0	0.00	1.86	3.95	YES	
L0007377	0	0.32050E-06	473694.1	3770530.5	302.0	0.00	1.86	3.95	YES	
L0007378	0	0.32050E-06	473694.0	3770526.5	302.0	0.00	1.86	3.95	YES	
L0007379	0	0.32050E-06	473693.9	3770522.5	302.0	0.00	1.86	3.95	YES	
L0007380	0	0.32050E-06	473693.8	3770518.5	302.0	0.00	1.86	3.95	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007381	0	0.32050E-06	473693.7	3770514.5	302.0	0.00	1.86	3.95	YES	
L0007382	0	0.32050E-06	473693.5	3770510.5	302.0	0.00	1.86	3.95	YES	
L0007383	0	0.32050E-06	473693.4	3770506.5	302.0	0.00	1.86	3.95	YES	
L0007384	0	0.32050E-06	473693.2	3770502.5	302.0	0.00	1.86	3.95	YES	
L0007385	0	0.32050E-06	473693.1	3770498.5	302.0	0.00	1.86	3.95	YES	
L0007386	0	0.32050E-06	473692.9	3770494.5	302.0	0.00	1.86	3.95	YES	

L0007387	0	0.32050E-06	473692.8	3770490.6	302.0	0.00	1.86	3.95	YES
L0007388	0	0.32050E-06	473692.6	3770486.6	302.0	0.00	1.86	3.95	YES
L0007389	0	0.32050E-06	473692.5	3770482.6	302.0	0.00	1.86	3.95	YES
L0007390	0	0.32050E-06	473692.3	3770478.6	302.0	0.00	1.86	3.95	YES
L0007391	0	0.32050E-06	473692.2	3770474.6	302.0	0.00	1.86	3.95	YES
L0007392	0	0.32050E-06	473692.0	3770470.6	302.0	0.00	1.86	3.95	YES
L0007393	0	0.32050E-06	473691.9	3770466.6	302.0	0.00	1.86	3.95	YES
L0007394	0	0.32050E-06	473691.7	3770462.6	302.0	0.00	1.86	3.95	YES
L0007395	0	0.32050E-06	473691.4	3770458.6	302.0	0.00	1.86	3.95	YES
L0007396	0	0.32050E-06	473691.2	3770454.6	302.0	0.00	1.86	3.95	YES
L0007397	0	0.32050E-06	473691.0	3770450.6	302.0	0.00	1.86	3.95	YES
L0007398	0	0.32050E-06	473690.7	3770446.6	302.0	0.00	1.86	3.95	YES
L0007399	0	0.32050E-06	473690.5	3770442.6	302.0	0.00	1.86	3.95	YES
L0007400	0	0.32050E-06	473690.3	3770438.6	302.0	0.00	1.86	3.95	YES
L0007401	0	0.32050E-06	473690.0	3770434.6	302.0	0.00	1.86	3.95	YES
L0007402	0	0.32050E-06	473689.8	3770430.6	302.0	0.00	1.86	3.95	YES
L0007403	0	0.32050E-06	473689.5	3770426.6	302.0	0.00	1.86	3.95	YES
L0007404	0	0.32050E-06	473689.3	3770422.6	302.0	0.00	1.86	3.95	YES
L0007405	0	0.32050E-06	473689.1	3770418.7	302.0	0.00	1.86	3.95	YES
L0007406	0	0.32050E-06	473688.8	3770414.7	302.0	0.00	1.86	3.95	YES
L0007407	0	0.32050E-06	473688.6	3770410.7	302.1	0.00	1.86	3.95	YES
L0007408	0	0.32050E-06	473688.4	3770406.7	302.1	0.00	1.86	3.95	YES
L0007409	0	0.32050E-06	473688.1	3770402.7	302.1	0.00	1.86	3.95	YES
L0007410	0	0.32050E-06	473687.9	3770398.7	302.2	0.00	1.86	3.95	YES
L0007411	0	0.32050E-06	473687.7	3770394.7	302.2	0.00	1.86	3.95	YES
L0007412	0	0.32050E-06	473687.4	3770390.7	302.2	0.00	1.86	3.95	YES
L0007413	0	0.32050E-06	473687.2	3770386.7	302.2	0.00	1.86	3.95	YES
L0007414	0	0.32050E-06	473686.9	3770382.7	302.3	0.00	1.86	3.95	YES
L0007415	0	0.32050E-06	473686.7	3770378.7	302.4	0.00	1.86	3.95	YES
L0007416	0	0.32050E-06	473686.5	3770374.7	302.5	0.00	1.86	3.95	YES
L0007417	0	0.32050E-06	473686.3	3770370.7	302.6	0.00	1.86	3.95	YES
L0007418	0	0.32050E-06	473686.8	3770366.8	302.7	0.00	1.86	3.95	YES
L0007419	0	0.32050E-06	473687.2	3770362.8	302.8	0.00	1.86	3.95	YES
L0007420	0	0.32050E-06	473687.7	3770358.8	302.9	0.00	1.86	3.95	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007421	0	0.32050E-06	473688.1	3770354.8	303.0	0.00	1.86	3.95	YES	
L0007422	0	0.32050E-06	473688.6	3770350.9	303.0	0.00	1.86	3.95	YES	
L0007423	0	0.32050E-06	473689.0	3770346.9	303.0	0.00	1.86	3.95	YES	
L0007424	0	0.32050E-06	473689.5	3770342.9	303.0	0.00	1.86	3.95	YES	
L0007425	0	0.32050E-06	473689.9	3770338.9	303.0	0.00	1.86	3.95	YES	
L0007426	0	0.32050E-06	473690.4	3770335.0	303.0	0.00	1.86	3.95	YES	
L0007427	0	0.32050E-06	473690.9	3770331.0	303.0	0.00	1.86	3.95	YES	
L0007428	0	0.32050E-06	473691.3	3770327.0	303.0	0.00	1.86	3.95	YES	
L0007429	0	0.32050E-06	473691.8	3770323.0	303.0	0.00	1.86	3.95	YES	
L0007430	0	0.32050E-06	473692.2	3770319.1	303.0	0.00	1.86	3.95	YES	
L0007431	0	0.32050E-06	473692.7	3770315.1	303.0	0.00	1.86	3.95	YES	
L0007432	0	0.32050E-06	473693.1	3770311.1	303.0	0.00	1.86	3.95	YES	
L0007433	0	0.32050E-06	473693.6	3770307.2	303.0	0.00	1.86	3.95	YES	
L0007434	0	0.32050E-06	473694.0	3770303.2	303.0	0.00	1.86	3.95	YES	
L0007435	0	0.32050E-06	473694.5	3770299.2	303.0	0.00	1.86	3.95	YES	
L0007436	0	0.32050E-06	473695.0	3770295.2	303.0	0.00	1.86	3.95	YES	

L0007437	0	0.32050E-06	473695.4	3770291.3	302.8	0.00	1.86	3.95	YES
L0007438	0	0.32050E-06	473695.9	3770287.3	302.7	0.00	1.86	3.95	YES
L0007439	0	0.32050E-06	473696.3	3770283.3	302.6	0.00	1.86	3.95	YES
L0007440	0	0.32050E-06	473696.8	3770279.3	302.4	0.00	1.86	3.95	YES
L0007441	0	0.32050E-06	473697.2	3770275.4	302.3	0.00	1.86	3.95	YES
L0007442	0	0.32050E-06	473697.7	3770271.4	302.2	0.00	1.86	3.95	YES
L0007443	0	0.32050E-06	473698.1	3770267.4	302.0	0.00	1.86	3.95	YES
L0007444	0	0.32050E-06	473698.6	3770263.4	302.0	0.00	1.86	3.95	YES
L0007445	0	0.32050E-06	473699.1	3770259.5	302.0	0.00	1.86	3.95	YES
L0007446	0	0.32050E-06	473699.5	3770255.5	302.0	0.00	1.86	3.95	YES
L0007447	0	0.32050E-06	473700.0	3770251.5	302.0	0.00	1.86	3.95	YES
L0007448	0	0.32050E-06	473700.4	3770247.5	302.0	0.00	1.86	3.95	YES
L0007449	0	0.32050E-06	473700.9	3770243.6	302.0	0.00	1.86	3.95	YES
L0007450	0	0.32050E-06	473701.3	3770239.6	302.0	0.00	1.86	3.95	YES
L0007451	0	0.32050E-06	473701.8	3770235.6	302.0	0.00	1.86	3.95	YES
L0007452	0	0.32050E-06	473702.3	3770231.6	302.0	0.00	1.86	3.95	YES
L0007453	0	0.32050E-06	473702.7	3770227.7	301.9	0.00	1.86	3.95	YES
L0007454	0	0.32050E-06	473703.2	3770223.7	301.9	0.00	1.86	3.95	YES
L0007455	0	0.32050E-06	473703.6	3770219.7	301.9	0.00	1.86	3.95	YES
L0007456	0	0.32050E-06	473704.1	3770215.8	301.9	0.00	1.86	3.95	YES
L0007457	0	0.32050E-06	473704.5	3770211.8	301.9	0.00	1.86	3.95	YES
L0007458	0	0.32050E-06	473705.0	3770207.8	301.9	0.00	1.86	3.95	YES
L0007459	0	0.32050E-06	473705.4	3770203.8	301.7	0.00	1.86	3.95	YES
L0007460	0	0.32050E-06	473705.9	3770199.9	301.5	0.00	1.86	3.95	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007461	0	0.32050E-06	473706.4	3770195.9	301.2	0.00	1.86	3.95	YES	
L0007462	0	0.32050E-06	473706.8	3770191.9	301.0	0.00	1.86	3.95	YES	
L0007463	0	0.32050E-06	473707.3	3770187.9	300.7	0.00	1.86	3.95	YES	
L0007464	0	0.32050E-06	473707.7	3770184.0	300.5	0.00	1.86	3.95	YES	
L0007465	0	0.32050E-06	473708.2	3770180.0	300.2	0.00	1.86	3.95	YES	
L0007466	0	0.32050E-06	473708.6	3770176.0	300.0	0.00	1.86	3.95	YES	
L0007467	0	0.32050E-06	473709.1	3770172.0	300.0	0.00	1.86	3.95	YES	
L0007468	0	0.32050E-06	473711.1	3770170.0	300.0	0.00	1.86	3.95	YES	
L0007469	0	0.32050E-06	473715.1	3770170.5	300.1	0.00	1.86	3.95	YES	
L0007470	0	0.32050E-06	473719.1	3770170.9	300.2	0.00	1.86	3.95	YES	
L0007471	0	0.32050E-06	473723.1	3770171.3	300.4	0.00	1.86	3.95	YES	
L0007472	0	0.32050E-06	473727.0	3770171.7	300.5	0.00	1.86	3.95	YES	
L0007473	0	0.32050E-06	473731.0	3770172.1	300.6	0.00	1.86	3.95	YES	
L0007474	0	0.32050E-06	473735.0	3770172.5	300.7	0.00	1.86	3.95	YES	
L0007475	0	0.32050E-06	473739.0	3770172.9	300.9	0.00	1.86	3.95	YES	
L0007476	0	0.32050E-06	473743.0	3770173.4	300.9	0.00	1.86	3.95	YES	
L0007477	0	0.32050E-06	473746.9	3770173.8	300.9	0.00	1.86	3.95	YES	
L0007478	0	0.32050E-06	473750.9	3770174.2	300.9	0.00	1.86	3.95	YES	
L0007479	0	0.32050E-06	473754.9	3770174.6	301.0	0.00	1.86	3.95	YES	
L0007480	0	0.32050E-06	473758.9	3770175.0	301.0	0.00	1.86	3.95	YES	
L0007481	0	0.32050E-06	473762.9	3770175.4	301.0	0.00	1.86	3.95	YES	
L0007482	0	0.32050E-06	473766.8	3770175.8	301.0	0.00	1.86	3.95	YES	
L0007483	0	0.32050E-06	473770.8	3770176.3	301.0	0.00	1.86	3.95	YES	
L0007484	0	0.32050E-06	473774.8	3770176.7	301.2	0.00	1.86	3.95	YES	
L0007485	0	0.32050E-06	473778.8	3770177.1	301.3	0.00	1.86	3.95	YES	
L0007486	0	0.32050E-06	473782.7	3770177.5	301.4	0.00	1.86	3.95	YES	

L0007487	0	0.32050E-06	473786.7	3770177.9	301.6	0.00	1.86	3.95	YES
L0007488	0	0.32050E-06	473790.7	3770178.3	301.7	0.00	1.86	3.95	YES
L0007489	0	0.32050E-06	473794.7	3770178.7	301.8	0.00	1.86	3.95	YES
L0007490	0	0.32050E-06	473798.7	3770179.2	302.0	0.00	1.86	3.95	YES
L0007491	0	0.32050E-06	473802.6	3770179.6	302.1	0.00	1.86	3.95	YES
L0007492	0	0.32050E-06	473806.6	3770180.0	302.2	0.00	1.86	3.95	YES
L0007493	0	0.32050E-06	473810.6	3770180.4	302.4	0.00	1.86	3.95	YES
L0007494	0	0.32050E-06	473814.6	3770180.8	302.5	0.00	1.86	3.95	YES
L0007495	0	0.32050E-06	473818.5	3770181.2	302.6	0.00	1.86	3.95	YES
L0007496	0	0.32050E-06	473822.5	3770181.6	302.8	0.00	1.86	3.95	YES
L0007497	0	0.32050E-06	473826.5	3770182.1	302.9	0.00	1.86	3.95	YES
L0007498	0	0.32050E-06	473830.5	3770182.5	303.0	0.00	1.86	3.95	YES
L0007499	0	0.32050E-06	473834.5	3770182.9	303.0	0.00	1.86	3.95	YES
L0007500	0	0.32050E-06	473838.4	3770183.3	303.0	0.00	1.86	3.95	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007501	0	0.32050E-06	473842.4	3770183.7	303.0	0.00	1.86	3.95	YES	
L0007502	0	0.32050E-06	473846.4	3770184.1	303.0	0.00	1.86	3.95	YES	
L0007503	0	0.32050E-06	473850.4	3770184.5	303.0	0.00	1.86	3.95	YES	
L0007504	0	0.32050E-06	473854.4	3770185.0	303.0	0.00	1.86	3.95	YES	
L0007505	0	0.32050E-06	473858.3	3770185.4	303.0	0.00	1.86	3.95	YES	
L0007506	0	0.32050E-06	473862.3	3770185.8	303.0	0.00	1.86	3.95	YES	
L0007507	0	0.32050E-06	473866.3	3770186.2	303.0	0.00	1.86	3.95	YES	
L0007508	0	0.32050E-06	473870.3	3770186.6	303.0	0.00	1.86	3.95	YES	
L0007509	0	0.32050E-06	473874.2	3770187.0	303.0	0.00	1.86	3.95	YES	
L0007510	0	0.32050E-06	473878.2	3770187.4	303.0	0.00	1.86	3.95	YES	
L0007511	0	0.32050E-06	473882.2	3770187.9	303.0	0.00	1.86	3.95	YES	
L0007512	0	0.32050E-06	473886.2	3770188.3	303.0	0.00	1.86	3.95	YES	
L0007513	0	0.32050E-06	473890.2	3770188.7	303.0	0.00	1.86	3.95	YES	
L0007514	0	0.32050E-06	473894.1	3770189.1	303.0	0.00	1.86	3.95	YES	
L0007515	0	0.32050E-06	473898.1	3770189.5	303.0	0.00	1.86	3.95	YES	
L0007516	0	0.32050E-06	473902.1	3770189.9	303.0	0.00	1.86	3.95	YES	
L0007517	0	0.32050E-06	473906.1	3770190.3	303.0	0.00	1.86	3.95	YES	
L0007518	0	0.32050E-06	473910.1	3770190.8	303.0	0.00	1.86	3.95	YES	
L0007519	0	0.32050E-06	473914.0	3770191.2	303.0	0.00	1.86	3.95	YES	
L0007520	0	0.32050E-06	473918.0	3770191.6	303.0	0.00	1.86	3.95	YES	
L0007521	0	0.32050E-06	473922.0	3770192.0	303.0	0.00	1.86	3.95	YES	
L0007522	0	0.32050E-06	473926.0	3770192.4	303.1	0.00	1.86	3.95	YES	
L0007523	0	0.32050E-06	473929.9	3770192.8	303.2	0.00	1.86	3.95	YES	
L0007524	0	0.32050E-06	473933.9	3770193.2	303.3	0.00	1.86	3.95	YES	
L0007525	0	0.32050E-06	473937.9	3770193.7	303.4	0.00	1.86	3.95	YES	
L0007526	0	0.32050E-06	473941.9	3770194.1	303.4	0.00	1.86	3.95	YES	
L0007527	0	0.32050E-06	473945.9	3770194.5	303.5	0.00	1.86	3.95	YES	
L0007528	0	0.32050E-06	473949.8	3770194.9	303.6	0.00	1.86	3.95	YES	
L0007529	0	0.32050E-06	473953.8	3770195.3	303.6	0.00	1.86	3.95	YES	
L0007530	0	0.32050E-06	473957.8	3770195.7	303.5	0.00	1.86	3.95	YES	
L0007531	0	0.32050E-06	473961.8	3770196.1	303.4	0.00	1.86	3.95	YES	
L0007532	0	0.32050E-06	473965.8	3770196.6	303.3	0.00	1.86	3.95	YES	
L0007533	0	0.32050E-06	473969.7	3770197.0	303.2	0.00	1.86	3.95	YES	
L0007534	0	0.32050E-06	473973.7	3770197.4	303.1	0.00	1.86	3.95	YES	
L0007535	0	0.32050E-06	473977.7	3770197.8	303.1	0.00	1.86	3.95	YES	
L0007536	0	0.32050E-06	473981.7	3770198.2	303.0	0.00	1.86	3.95	YES	

L0007537	0	0.32050E-06	473985.6	3770198.6	303.0	0.00	1.86	3.95	YES
L0007538	0	0.32050E-06	473989.6	3770199.0	303.0	0.00	1.86	3.95	YES
L0007539	0	0.32050E-06	473993.6	3770199.5	303.0	0.00	1.86	3.95	YES
L0007540	0	0.32050E-06	473997.6	3770199.9	303.0	0.00	1.86	3.95	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007541	0	0.32050E-06	474001.6	3770200.3	303.0	0.00	1.86	3.95	YES	
L0007542	0	0.32050E-06	474005.5	3770200.7	303.0	0.00	1.86	3.95	YES	
L0007543	0	0.32050E-06	474009.5	3770201.1	303.0	0.00	1.86	3.95	YES	
L0007544	0	0.32050E-06	474013.5	3770201.5	303.0	0.00	1.86	3.95	YES	
L0007545	0	0.32050E-06	474017.5	3770201.9	303.0	0.00	1.86	3.95	YES	
L0007546	0	0.32050E-06	474021.5	3770202.4	303.0	0.00	1.86	3.95	YES	
L0007547	0	0.32050E-06	474025.4	3770202.8	303.0	0.00	1.86	3.95	YES	
L0007548	0	0.32050E-06	474029.4	3770203.2	303.0	0.00	1.86	3.95	YES	
L0007549	0	0.32050E-06	474033.4	3770203.6	303.0	0.00	1.86	3.95	YES	
L0007550	0	0.32050E-06	474037.4	3770204.0	303.0	0.00	1.86	3.95	YES	
L0007551	0	0.32050E-06	474041.3	3770204.4	303.0	0.00	1.86	3.95	YES	
L0007552	0	0.32050E-06	474045.3	3770204.8	303.0	0.00	1.86	3.95	YES	
L0007553	0	0.32050E-06	474049.3	3770205.3	303.0	0.00	1.86	3.95	YES	
L0007554	0	0.32050E-06	474053.3	3770205.7	303.0	0.00	1.86	3.95	YES	
L0007555	0	0.32050E-06	474057.3	3770206.1	303.0	0.00	1.86	3.95	YES	
L0007556	0	0.32050E-06	474061.2	3770206.5	303.0	0.00	1.86	3.95	YES	
L0007557	0	0.32050E-06	474065.2	3770206.9	303.0	0.00	1.86	3.95	YES	
L0007558	0	0.32050E-06	474069.2	3770207.3	303.1	0.00	1.86	3.95	YES	
L0007559	0	0.32050E-06	474073.2	3770207.7	303.3	0.00	1.86	3.95	YES	
L0007560	0	0.32050E-06	474077.2	3770208.2	303.6	0.00	1.86	3.95	YES	
L0007561	0	0.32050E-06	474081.1	3770208.6	303.9	0.00	1.86	3.95	YES	
L0007562	0	0.32050E-06	474085.1	3770209.0	304.1	0.00	1.86	3.95	YES	
L0007563	0	0.32050E-06	474089.1	3770209.4	304.4	0.00	1.86	3.95	YES	
L0007564	0	0.32050E-06	474093.1	3770209.8	304.6	0.00	1.86	3.95	YES	
L0007565	0	0.32050E-06	474097.0	3770210.2	304.8	0.00	1.86	3.95	YES	
L0007566	0	0.32050E-06	474101.0	3770210.6	305.0	0.00	1.86	3.95	YES	
L0007567	0	0.32050E-06	474105.0	3770211.1	305.0	0.00	1.86	3.95	YES	
L0007568	0	0.32050E-06	474109.0	3770211.5	305.0	0.00	1.86	3.95	YES	
L0007569	0	0.32050E-06	474113.0	3770211.9	305.0	0.00	1.86	3.95	YES	
L0007570	0	0.32050E-06	474116.9	3770212.3	305.0	0.00	1.86	3.95	YES	
L0007571	0	0.32050E-06	474120.9	3770212.7	305.0	0.00	1.86	3.95	YES	
L0007572	0	0.32050E-06	474124.9	3770213.1	305.0	0.00	1.86	3.95	YES	
L0007573	0	0.32050E-06	474128.9	3770213.5	305.0	0.00	1.86	3.95	YES	
L0007574	0	0.32050E-06	474132.9	3770214.0	305.0	0.00	1.86	3.95	YES	
L0007575	0	0.32050E-06	474136.8	3770214.4	305.0	0.00	1.86	3.95	YES	
L0007576	0	0.32050E-06	474140.8	3770214.8	305.0	0.00	1.86	3.95	YES	
L0007577	0	0.32050E-06	474144.8	3770215.2	305.0	0.00	1.86	3.95	YES	
L0007578	0	0.32050E-06	474148.8	3770215.6	305.0	0.00	1.86	3.95	YES	
L0007579	0	0.32050E-06	474152.7	3770216.0	305.0	0.00	1.86	3.95	YES	
L0007580	0	0.32050E-06	474156.7	3770216.4	305.0	0.00	1.86	3.95	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007581	0	0.32050E-06	474160.7	3770216.9	305.0	0.00	1.86	3.95	YES	
L0007582	0	0.32050E-06	474164.7	3770217.3	305.0	0.00	1.86	3.95	YES	
L0007583	0	0.32050E-06	474168.7	3770217.7	305.0	0.00	1.86	3.95	YES	
L0007584	0	0.32050E-06	474172.6	3770218.1	305.0	0.00	1.86	3.95	YES	
L0007585	0	0.32050E-06	474176.6	3770218.5	305.0	0.00	1.86	3.95	YES	
L0007586	0	0.32050E-06	474180.6	3770219.1	305.0	0.00	1.86	3.95	YES	
L0007587	0	0.32050E-06	474184.4	3770220.1	305.0	0.00	1.86	3.95	YES	
L0007588	0	0.32050E-06	474188.3	3770221.0	305.0	0.00	1.86	3.95	YES	
L0007589	0	0.32050E-06	474192.2	3770222.0	305.0	0.00	1.86	3.95	YES	
L0007590	0	0.32050E-06	474196.1	3770223.0	305.0	0.00	1.86	3.95	YES	
L0007591	0	0.32050E-06	474200.0	3770224.0	305.0	0.00	1.86	3.95	YES	
L0007592	0	0.32050E-06	474203.8	3770224.9	305.0	0.00	1.86	3.95	YES	
L0007593	0	0.32050E-06	474207.7	3770225.9	305.0	0.00	1.86	3.95	YES	
L0007594	0	0.32050E-06	474211.6	3770226.9	305.0	0.00	1.86	3.95	YES	
L0007595	0	0.32050E-06	474215.5	3770227.8	305.0	0.00	1.86	3.95	YES	
L0007596	0	0.32050E-06	474219.4	3770228.8	305.0	0.00	1.86	3.95	YES	
L0007597	0	0.32050E-06	474222.9	3770230.6	305.0	0.00	1.86	3.95	YES	
L0007598	0	0.32050E-06	474226.4	3770232.6	305.0	0.00	1.86	3.95	YES	
L0007599	0	0.32050E-06	474229.8	3770234.6	305.0	0.00	1.86	3.95	YES	
L0007600	0	0.32050E-06	474233.0	3770236.8	305.0	0.00	1.86	3.95	YES	
L0007601	0	0.32050E-06	474233.8	3770240.8	305.0	0.00	1.86	3.95	YES	
L0007602	0	0.32050E-06	474234.7	3770244.7	305.0	0.00	1.86	3.95	YES	
L0007603	0	0.32050E-06	474235.5	3770248.6	305.0	0.00	1.86	3.95	YES	
L0007604	0	0.32050E-06	474236.4	3770252.5	305.0	0.00	1.86	3.95	YES	
L0007605	0	0.32050E-06	474237.2	3770256.4	305.0	0.00	1.86	3.95	YES	
L0007606	0	0.32050E-06	474237.2	3770260.4	305.0	0.00	1.86	3.95	YES	
L0007607	0	0.32050E-06	474236.9	3770264.3	305.0	0.00	1.86	3.95	YES	
L0007608	0	0.32050E-06	474236.5	3770268.3	305.0	0.00	1.86	3.95	YES	
L0007609	0	0.32050E-06	474236.1	3770272.3	305.0	0.00	1.86	3.95	YES	
L0007610	0	0.32050E-06	474235.8	3770276.3	305.0	0.00	1.86	3.95	YES	
L0007611	0	0.32050E-06	474235.4	3770280.3	305.0	0.00	1.86	3.95	YES	
L0007612	0	0.32050E-06	474235.1	3770284.3	305.0	0.00	1.86	3.95	YES	
L0007613	0	0.32050E-06	474234.7	3770288.2	305.0	0.00	1.86	3.95	YES	
L0007614	0	0.32050E-06	474234.3	3770292.2	305.0	0.00	1.86	3.95	YES	
L0007615	0	0.32050E-06	474234.0	3770296.2	305.0	0.00	1.86	3.95	YES	
L0007616	0	0.32050E-06	474233.6	3770300.2	305.0	0.00	1.86	3.95	YES	
L0007617	0	0.32050E-06	474233.3	3770304.2	305.0	0.00	1.86	3.95	YES	
L0007618	0	0.32050E-06	474232.9	3770308.2	305.0	0.00	1.86	3.95	YES	
L0007619	0	0.32050E-06	474232.5	3770312.1	305.0	0.00	1.86	3.95	YES	
L0007620	0	0.32050E-06	474232.2	3770316.1	305.0	0.00	1.86	3.95	YES	

*** VOLUME SOURCE DATA ***

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

L0007621	0	0.32050E-06	474231.8	3770320.1	305.0	0.00	1.86	3.95	YES
L0007622	0	0.32050E-06	474231.5	3770324.1	305.0	0.00	1.86	3.95	YES
L0007623	0	0.32050E-06	474231.1	3770328.1	305.0	0.00	1.86	3.95	YES
L0007624	0	0.32050E-06	474230.7	3770332.1	305.1	0.00	1.86	3.95	YES
L0007625	0	0.32050E-06	474230.4	3770336.0	305.1	0.00	1.86	3.95	YES
L0007626	0	0.32050E-06	474230.0	3770340.0	305.2	0.00	1.86	3.95	YES
L0007627	0	0.32050E-06	474229.7	3770344.0	305.2	0.00	1.86	3.95	YES
L0007628	0	0.32050E-06	474229.3	3770348.0	305.2	0.00	1.86	3.95	YES
L0007629	0	0.32050E-06	474228.9	3770352.0	305.3	0.00	1.86	3.95	YES
L0007630	0	0.32050E-06	474228.6	3770356.0	305.3	0.00	1.86	3.95	YES
L0007631	0	0.32050E-06	474228.2	3770359.9	305.3	0.00	1.86	3.95	YES
L0007632	0	0.32050E-06	474227.9	3770363.9	305.3	0.00	1.86	3.95	YES
L0007633	0	0.32050E-06	474227.5	3770367.9	305.3	0.00	1.86	3.95	YES
L0007634	0	0.32050E-06	474227.1	3770371.9	305.2	0.00	1.86	3.95	YES
L0007635	0	0.32050E-06	474226.8	3770375.9	305.2	0.00	1.86	3.95	YES
L0007636	0	0.32050E-06	474226.4	3770379.9	305.2	0.00	1.86	3.95	YES
L0007637	0	0.32050E-06	474226.0	3770383.8	305.2	0.00	1.86	3.95	YES
L0007638	0	0.32050E-06	474225.7	3770387.8	305.2	0.00	1.86	3.95	YES
L0007639	0	0.32050E-06	474225.3	3770391.8	305.3	0.00	1.86	3.95	YES
L0007640	0	0.32050E-06	474225.0	3770395.8	305.4	0.00	1.86	3.95	YES
L0007641	0	0.32050E-06	474224.6	3770399.8	305.5	0.00	1.86	3.95	YES
L0007642	0	0.32050E-06	474224.2	3770403.8	305.6	0.00	1.86	3.95	YES
L0007643	0	0.32050E-06	474223.9	3770407.8	305.8	0.00	1.86	3.95	YES
L0007644	0	0.32050E-06	474223.5	3770411.7	305.9	0.00	1.86	3.95	YES
L0007645	0	0.32050E-06	474223.2	3770415.7	306.0	0.00	1.86	3.95	YES
L0007646	0	0.32050E-06	474222.8	3770419.7	306.0	0.00	1.86	3.95	YES
L0007647	0	0.32050E-06	474222.4	3770423.7	306.0	0.00	1.86	3.95	YES
L0007648	0	0.32050E-06	474222.1	3770427.7	306.0	0.00	1.86	3.95	YES
L0007649	0	0.32050E-06	474221.7	3770431.7	306.0	0.00	1.86	3.95	YES
L0007650	0	0.32050E-06	474221.4	3770435.6	306.0	0.00	1.86	3.95	YES
L0007651	0	0.32050E-06	474221.0	3770439.6	306.0	0.00	1.86	3.95	YES
L0007652	0	0.32050E-06	474220.6	3770443.6	306.0	0.00	1.86	3.95	YES
L0007653	0	0.32050E-06	474220.3	3770447.6	306.0	0.00	1.86	3.95	YES
L0007654	0	0.32050E-06	474219.9	3770451.6	306.0	0.00	1.86	3.95	YES
L0007655	0	0.32050E-06	474219.6	3770455.6	306.0	0.00	1.86	3.95	YES
L0007656	0	0.32050E-06	474219.2	3770459.5	306.0	0.00	1.86	3.95	YES
L0007657	0	0.32050E-06	474218.8	3770463.5	306.0	0.00	1.86	3.95	YES
L0007658	0	0.32050E-06	474218.5	3770467.5	306.0	0.00	1.86	3.95	YES
L0007659	0	0.32050E-06	474218.1	3770471.5	306.0	0.00	1.86	3.95	YES
L0007660	0	0.32050E-06	474217.8	3770475.5	306.0	0.00	1.86	3.95	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007661	0	0.32050E-06	474217.4	3770479.5	306.0	0.00	1.86	3.95	YES	
L0007662	0	0.14510E-06	473811.6	3770954.1	306.0	4.00	3.95	1.86	YES	
L0007663	0	0.14510E-06	473811.6	3770962.5	306.0	4.00	3.95	1.86	YES	
L0007664	0	0.14510E-06	473811.7	3770971.0	306.0	4.00	3.95	1.86	YES	
L0007665	0	0.14510E-06	473811.8	3770979.5	306.0	4.00	3.95	1.86	YES	
L0007666	0	0.14510E-06	473811.8	3770988.0	306.0	4.00	3.95	1.86	YES	
L0007667	0	0.14510E-06	473811.9	3770996.5	306.0	4.00	3.95	1.86	YES	
L0007668	0	0.14510E-06	473811.9	3771005.0	306.0	4.00	3.95	1.86	YES	
L0007669	0	0.14510E-06	473812.0	3771013.5	306.0	4.00	3.95	1.86	YES	

L0007670	0	0.14510E-06	473812.1	3771022.0	306.0	4.00	3.95	1.86	YES
L0007671	0	0.14510E-06	473812.1	3771030.5	306.0	4.00	3.95	1.86	YES
L0007672	0	0.14510E-06	473804.6	3771031.4	306.0	4.00	3.95	1.86	YES
L0007673	0	0.14510E-06	473796.1	3771031.3	306.0	4.00	3.95	1.86	YES
L0007674	0	0.14510E-06	473787.6	3771031.3	306.0	4.00	3.95	1.86	YES
L0007675	0	0.14510E-06	473779.1	3771031.2	306.0	4.00	3.95	1.86	YES
L0007676	0	0.14510E-06	473770.6	3771031.1	306.0	4.00	3.95	1.86	YES
L0007677	0	0.14510E-06	473762.1	3771031.0	305.7	4.00	3.95	1.86	YES
L0007678	0	0.14510E-06	473753.6	3771031.0	305.5	4.00	3.95	1.86	YES
L0007679	0	0.14510E-06	473745.1	3771030.9	305.2	4.00	3.95	1.86	YES
L0007680	0	0.14510E-06	473736.6	3771030.8	305.0	4.00	3.95	1.86	YES
L0007681	0	0.14510E-06	473728.1	3771030.8	305.0	4.00	3.95	1.86	YES
L0007682	0	0.14510E-06	473719.6	3771030.7	305.0	4.00	3.95	1.86	YES
L0007683	0	0.14510E-06	473711.1	3771030.6	305.0	4.00	3.95	1.86	YES
L0007684	0	0.14510E-06	473702.6	3771030.5	305.0	4.00	3.95	1.86	YES
L0007685	0	0.14510E-06	473694.1	3771030.5	305.0	4.00	3.95	1.86	YES
L0007686	0	0.14510E-06	473685.6	3771030.4	305.0	4.00	3.95	1.86	YES
L0007687	0	0.14510E-06	473677.1	3771030.3	305.0	4.00	3.95	1.86	YES
L0007688	0	0.14510E-06	473668.6	3771030.2	305.0	4.00	3.95	1.86	YES
L0007689	0	0.14510E-06	473660.1	3771030.2	305.0	4.00	3.95	1.86	YES
L0007690	0	0.14510E-06	473651.6	3771030.1	305.0	4.00	3.95	1.86	YES
L0007691	0	0.14510E-06	473643.1	3771030.0	304.8	4.00	3.95	1.86	YES
L0007692	0	0.14510E-06	473634.6	3771030.0	304.5	4.00	3.95	1.86	YES
L0007693	0	0.14510E-06	473626.1	3771029.9	304.2	4.00	3.95	1.86	YES
L0007694	0	0.14510E-06	473617.6	3771029.8	304.0	4.00	3.95	1.86	YES
L0007695	0	0.14510E-06	473609.1	3771029.7	304.0	4.00	3.95	1.86	YES
L0007696	0	0.14510E-06	473600.6	3771029.7	304.0	4.00	3.95	1.86	YES
L0007697	0	0.14510E-06	473592.1	3771029.6	304.0	4.00	3.95	1.86	YES
L0007698	0	0.14510E-06	473583.6	3771029.5	304.0	4.00	3.95	1.86	YES
L0007699	0	0.14510E-06	473575.1	3771029.4	304.0	4.00	3.95	1.86	YES
L0007700	0	0.14510E-06	473566.6	3771029.4	304.0	4.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007701	0	0.14510E-06	473558.1	3771029.3	304.0	4.00	3.95	1.86	YES	
L0007702	0	0.14510E-06	473549.6	3771029.2	304.0	4.00	3.95	1.86	YES	
L0007703	0	0.14510E-06	473541.1	3771029.1	304.0	4.00	3.95	1.86	YES	
L0007704	0	0.14510E-06	473532.6	3771029.1	304.0	4.00	3.95	1.86	YES	
L0007705	0	0.14510E-06	473524.1	3771029.0	303.9	4.00	3.95	1.86	YES	
L0007706	0	0.14510E-06	473515.6	3771028.9	303.7	4.00	3.95	1.86	YES	
L0007707	0	0.14510E-06	473507.1	3771028.9	303.6	4.00	3.95	1.86	YES	
L0007708	0	0.14510E-06	473498.6	3771028.8	303.4	4.00	3.95	1.86	YES	
L0007709	0	0.14510E-06	473490.1	3771028.7	303.3	4.00	3.95	1.86	YES	
L0007710	0	0.14510E-06	473481.6	3771028.6	303.2	4.00	3.95	1.86	YES	
L0007711	0	0.14510E-06	473473.1	3771028.6	303.0	4.00	3.95	1.86	YES	
L0007712	0	0.14510E-06	473464.6	3771028.5	303.0	4.00	3.95	1.86	YES	
L0007713	0	0.14510E-06	473456.1	3771028.4	303.0	4.00	3.95	1.86	YES	
L0007714	0	0.14510E-06	473447.6	3771028.3	303.0	4.00	3.95	1.86	YES	
L0007715	0	0.14510E-06	473439.1	3771028.3	303.0	4.00	3.95	1.86	YES	
L0007716	0	0.14510E-06	473430.6	3771028.2	303.0	4.00	3.95	1.86	YES	
L0007717	0	0.14510E-06	473422.1	3771028.1	303.0	4.00	3.95	1.86	YES	
L0007718	0	0.14510E-06	473413.6	3771028.1	303.0	4.00	3.95	1.86	YES	
L0007719	0	0.14510E-06	473405.1	3771028.0	303.0	4.00	3.95	1.86	YES	

L0007720	0	0.14510E-06	473396.6	3771027.9	303.0	4.00	3.95	1.86	YES
L0007721	0	0.14510E-06	473388.1	3771027.8	303.0	4.00	3.95	1.86	YES
L0007722	0	0.14510E-06	473379.6	3771027.8	303.0	4.00	3.95	1.86	YES
L0007723	0	0.14510E-06	473371.1	3771027.7	302.8	4.00	3.95	1.86	YES
L0007724	0	0.14510E-06	473362.6	3771027.6	302.6	4.00	3.95	1.86	YES
L0007725	0	0.14510E-06	473354.1	3771027.5	302.5	4.00	3.95	1.86	YES
L0007726	0	0.14510E-06	473345.6	3771027.4	302.3	4.00	3.95	1.86	YES
L0007727	0	0.14510E-06	473337.1	3771027.3	302.2	4.00	3.95	1.86	YES
L0007728	0	0.14510E-06	473328.6	3771027.1	302.1	4.00	3.95	1.86	YES
L0007729	0	0.14510E-06	473320.1	3771026.9	302.0	4.00	3.95	1.86	YES
L0007730	0	0.14510E-06	473311.6	3771026.8	302.0	4.00	3.95	1.86	YES
L0007731	0	0.14510E-06	473303.1	3771026.6	302.0	4.00	3.95	1.86	YES
L0007732	0	0.14510E-06	473294.6	3771026.5	302.0	4.00	3.95	1.86	YES
L0007733	0	0.14510E-06	473286.1	3771026.3	302.0	4.00	3.95	1.86	YES
L0007734	0	0.14510E-06	473277.6	3771026.1	302.0	4.00	3.95	1.86	YES
L0007735	0	0.14510E-06	473269.1	3771026.0	302.0	4.00	3.95	1.86	YES
L0007736	0	0.14510E-06	473260.6	3771025.8	302.0	4.00	3.95	1.86	YES
L0007737	0	0.14510E-06	473252.1	3771025.6	302.0	4.00	3.95	1.86	YES
L0007738	0	0.14510E-06	473243.6	3771025.5	302.0	4.00	3.95	1.86	YES
L0007739	0	0.14510E-06	473235.1	3771025.3	302.0	4.00	3.95	1.86	YES
L0007740	0	0.14510E-06	473226.6	3771025.2	302.0	4.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007741	0	0.14510E-06	473218.1	3771025.0	302.0	4.00	3.95	1.86	YES	
L0007742	0	0.14510E-06	473209.6	3771024.8	302.0	4.00	3.95	1.86	YES	
L0007743	0	0.14510E-06	473201.1	3771024.7	302.0	4.00	3.95	1.86	YES	
L0007744	0	0.14510E-06	473192.6	3771024.5	301.8	4.00	3.95	1.86	YES	
L0007745	0	0.14510E-06	473184.1	3771024.4	301.6	4.00	3.95	1.86	YES	
L0007746	0	0.14510E-06	473175.6	3771024.2	301.4	4.00	3.95	1.86	YES	
L0007747	0	0.14510E-06	473167.1	3771024.0	301.2	4.00	3.95	1.86	YES	
L0007748	0	0.14510E-06	473158.6	3771023.9	301.2	4.00	3.95	1.86	YES	
L0007749	0	0.14510E-06	473150.1	3771023.7	301.1	4.00	3.95	1.86	YES	
L0007750	0	0.14510E-06	473141.6	3771023.6	301.0	4.00	3.95	1.86	YES	
L0007751	0	0.14510E-06	473133.1	3771023.4	301.0	4.00	3.95	1.86	YES	
L0007752	0	0.14510E-06	473124.6	3771023.2	301.0	4.00	3.95	1.86	YES	
L0007753	0	0.14510E-06	473116.1	3771023.1	301.0	4.00	3.95	1.86	YES	
L0007754	0	0.14510E-06	473107.6	3771022.9	301.0	4.00	3.95	1.86	YES	
L0007755	0	0.14510E-06	473099.1	3771022.8	301.0	4.00	3.95	1.86	YES	
L0007756	0	0.14510E-06	473090.6	3771022.7	301.0	4.00	3.95	1.86	YES	
L0007757	0	0.14510E-06	473082.1	3771022.6	301.0	4.00	3.95	1.86	YES	
L0007758	0	0.14510E-06	473073.6	3771022.4	301.0	4.00	3.95	1.86	YES	
L0007759	0	0.14510E-06	473065.1	3771022.3	301.0	4.00	3.95	1.86	YES	
L0007760	0	0.14510E-06	473056.6	3771022.2	301.0	4.00	3.95	1.86	YES	
L0007761	0	0.14510E-06	473048.1	3771022.1	301.0	4.00	3.95	1.86	YES	
L0007762	0	0.14510E-06	473039.6	3771021.9	301.0	4.00	3.95	1.86	YES	
L0007763	0	0.14510E-06	473031.1	3771021.8	301.0	4.00	3.95	1.86	YES	
L0007764	0	0.14510E-06	473022.6	3771021.7	301.0	4.00	3.95	1.86	YES	
L0007765	0	0.14510E-06	473014.1	3771021.6	300.9	4.00	3.95	1.86	YES	
L0007766	0	0.14510E-06	473005.6	3771021.5	300.6	4.00	3.95	1.86	YES	
L0007767	0	0.14510E-06	472997.1	3771021.3	300.4	4.00	3.95	1.86	YES	
L0007768	0	0.14510E-06	472988.6	3771021.2	300.2	4.00	3.95	1.86	YES	
L0007769	0	0.14510E-06	472980.1	3771021.1	300.1	4.00	3.95	1.86	YES	

L0007770	0	0.14510E-06	472971.6	3771021.0	300.1	4.00	3.95	1.86	YES	
L0007771	0	0.14510E-06	472963.1	3771020.8	300.0	4.00	3.95	1.86	YES	
L0007772	0	0.14510E-06	472954.6	3771020.7	300.0	4.00	3.95	1.86	YES	
L0007773	0	0.14510E-06	472946.1	3771020.6	300.0	4.00	3.95	1.86	YES	
L0007774	0	0.14510E-06	472937.6	3771020.5	300.0	4.00	3.95	1.86	YES	
L0007775	0	0.14510E-06	472929.1	3771020.3	300.0	4.00	3.95	1.86	YES	
L0007776	0	0.14510E-06	472920.6	3771020.2	300.0	4.00	3.95	1.86	YES	
L0007777	0	0.14510E-06	472912.1	3771020.1	300.0	4.00	3.95	1.86	YES	
L0007778	0	0.14510E-06	472903.6	3771020.0	300.0	4.00	3.95	1.86	YES	
L0007779	0	0.14510E-06	472895.1	3771019.9	300.0	4.00	3.95	1.86	YES	
L0007780	0	0.14510E-06	472886.6	3771019.7	300.0	4.00	3.95	1.86	YES	

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*** VOLUME SOURCE DATA ***

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L0007781	0	0.14510E-06	472878.1	3771019.6	300.0	4.00	3.95	1.86	YES	
L0007782	0	0.14510E-06	472869.9	3771017.9	300.0	4.00	3.95	1.86	YES	
L0007783	0	0.14510E-06	472862.0	3771014.9	299.9	4.00	3.95	1.86	YES	
L0007784	0	0.14510E-06	472854.0	3771012.0	299.9	4.00	3.95	1.86	YES	
L0007785	0	0.14510E-06	472846.0	3771009.1	299.8	4.00	3.95	1.86	YES	
L0007786	0	0.14510E-06	472838.0	3771006.2	299.7	4.00	3.95	1.86	YES	
L0007787	0	0.14510E-06	472830.0	3771003.2	299.7	4.00	3.95	1.86	YES	
L0007788	0	0.14510E-06	472822.2	3771000.0	299.8	4.00	3.95	1.86	YES	
L0007789	0	0.14510E-06	472815.3	3770995.0	299.9	4.00	3.95	1.86	YES	
L0007790	0	0.14510E-06	472808.4	3770990.1	300.0	4.00	3.95	1.86	YES	
L0007791	0	0.14510E-06	472801.5	3770985.1	299.7	4.00	3.95	1.86	YES	
L0007792	0	0.14510E-06	472794.6	3770980.2	299.5	4.00	3.95	1.86	YES	
L0007793	0	0.14510E-06	472787.7	3770975.3	299.4	4.00	3.95	1.86	YES	
L0007794	0	0.14510E-06	472780.8	3770970.3	299.5	4.00	3.95	1.86	YES	
L0007795	0	0.14510E-06	472773.8	3770965.4	300.0	4.00	3.95	1.86	YES	
L0007796	0	0.14510E-06	472766.9	3770960.4	300.4	4.00	3.95	1.86	YES	
L0007797	0	0.14510E-06	472760.0	3770955.5	300.7	4.00	3.95	1.86	YES	
L0007798	0	0.14510E-06	472753.1	3770950.5	300.9	4.00	3.95	1.86	YES	
L0007799	0	0.14510E-06	472746.2	3770945.6	301.1	4.00	3.95	1.86	YES	
L0007800	0	0.14510E-06	472739.3	3770940.6	301.4	4.00	3.95	1.86	YES	
L0007801	0	0.14510E-06	472732.9	3770935.0	301.8	4.00	3.95	1.86	YES	
L0007802	0	0.14510E-06	472726.8	3770929.1	302.4	4.00	3.95	1.86	YES	
L0007803	0	0.14510E-06	472720.6	3770923.3	303.0	4.00	3.95	1.86	YES	
L0007804	0	0.14510E-06	472714.5	3770917.4	303.3	4.00	3.95	1.86	YES	
L0007805	0	0.14510E-06	472708.3	3770911.6	303.5	4.00	3.95	1.86	YES	
L0007806	0	0.14510E-06	472702.1	3770905.7	303.7	4.00	3.95	1.86	YES	
L0007807	0	0.14510E-06	472696.0	3770899.8	303.9	4.00	3.95	1.86	YES	
L0007808	0	0.14510E-06	472689.8	3770894.0	304.1	4.00	3.95	1.86	YES	
L0007809	0	0.14510E-06	472683.7	3770888.1	303.8	4.00	3.95	1.86	YES	
L0007810	0	0.14510E-06	472677.5	3770882.3	303.5	4.00	3.95	1.86	YES	
L0007811	0	0.14510E-06	472671.4	3770876.4	303.0	4.00	3.95	1.86	YES	
L0007812	0	0.14510E-06	472665.2	3770870.5	302.5	4.00	3.95	1.86	YES	
L0007813	0	0.14510E-06	472659.1	3770864.7	301.9	4.00	3.95	1.86	YES	
L0007814	0	0.14510E-06	472652.9	3770858.8	301.3	4.00	3.95	1.86	YES	
L0007815	0	0.14510E-06	472646.7	3770853.0	300.7	4.00	3.95	1.86	YES	
L0007816	0	0.14510E-06	472640.6	3770847.1	300.1	4.00	3.95	1.86	YES	
L0007817	0	0.14510E-06	472634.4	3770841.2	299.5	4.00	3.95	1.86	YES	
L0007818	0	0.14510E-06	472628.3	3770835.4	299.0	4.00	3.95	1.86	YES	
L0007819	0	0.14510E-06	472622.1	3770829.5	299.2	4.00	3.95	1.86	YES	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007821	0	0.14510E-06	472609.8	3770817.8	299.2	4.00	3.95	1.86	YES	
L0007822	0	0.14510E-06	472603.6	3770811.9	299.1	4.00	3.95	1.86	YES	
L0007823	0	0.14510E-06	472597.5	3770806.1	299.0	4.00	3.95	1.86	YES	
L0007824	0	0.14510E-06	472591.3	3770800.2	298.8	4.00	3.95	1.86	YES	
L0007825	0	0.14510E-06	472585.2	3770794.3	298.6	4.00	3.95	1.86	YES	
L0007826	0	0.14510E-06	472579.0	3770788.5	298.4	4.00	3.95	1.86	YES	
L0007827	0	0.14510E-06	472572.9	3770782.6	298.2	4.00	3.95	1.86	YES	
L0007828	0	0.18150E-07	474277.8	3770440.2	306.0	0.00	3.95	1.86	YES	
L0007829	0	0.18150E-07	474277.9	3770448.7	306.0	0.00	3.95	1.86	YES	
L0007830	0	0.18150E-07	474278.0	3770457.2	306.0	0.00	3.95	1.86	YES	
L0007831	0	0.18150E-07	474278.1	3770465.7	306.0	0.00	3.95	1.86	YES	
L0007832	0	0.18150E-07	474278.2	3770474.2	306.0	0.00	3.95	1.86	YES	
L0007833	0	0.18150E-07	474278.3	3770482.7	306.0	0.00	3.95	1.86	YES	
L0007834	0	0.18150E-07	474278.4	3770491.2	306.0	0.00	3.95	1.86	YES	
L0007835	0	0.18150E-07	474278.5	3770499.7	306.0	0.00	3.95	1.86	YES	
L0007836	0	0.18150E-07	474278.6	3770508.2	306.0	0.00	3.95	1.86	YES	
L0007837	0	0.18150E-07	474278.7	3770516.7	306.0	0.00	3.95	1.86	YES	
L0007838	0	0.18150E-07	474278.8	3770525.2	306.0	0.00	3.95	1.86	YES	
L0007839	0	0.18150E-07	474278.9	3770533.6	306.0	0.00	3.95	1.86	YES	
L0007840	0	0.18150E-07	474279.0	3770542.1	306.0	0.00	3.95	1.86	YES	
L0007841	0	0.18150E-07	474279.1	3770550.6	306.0	0.00	3.95	1.86	YES	
L0007842	0	0.18150E-07	474279.2	3770559.1	306.0	0.00	3.95	1.86	YES	
L0007843	0	0.18150E-07	474279.3	3770567.6	306.0	0.00	3.95	1.86	YES	
L0007844	0	0.18150E-07	474279.4	3770576.1	306.3	0.00	3.95	1.86	YES	
L0007845	0	0.18150E-07	474279.5	3770584.6	306.6	0.00	3.95	1.86	YES	
L0007846	0	0.18150E-07	474279.6	3770593.1	306.9	0.00	3.95	1.86	YES	
L0007847	0	0.18150E-07	474279.7	3770601.6	307.0	0.00	3.95	1.86	YES	
L0007848	0	0.18150E-07	474279.8	3770610.1	307.0	0.00	3.95	1.86	YES	
L0007849	0	0.18150E-07	474279.9	3770618.6	307.0	0.00	3.95	1.86	YES	
L0007850	0	0.18150E-07	474280.0	3770627.1	307.0	0.00	3.95	1.86	YES	
L0007851	0	0.18150E-07	474280.1	3770635.6	307.0	0.00	3.95	1.86	YES	
L0007852	0	0.18150E-07	474280.2	3770644.1	307.0	0.00	3.95	1.86	YES	
L0007853	0	0.18150E-07	474280.3	3770652.6	307.0	0.00	3.95	1.86	YES	
L0007854	0	0.18150E-07	474280.4	3770661.1	307.0	0.00	3.95	1.86	YES	
L0007855	0	0.18150E-07	474280.6	3770669.6	307.0	0.00	3.95	1.86	YES	
L0007856	0	0.18150E-07	474280.7	3770678.1	307.0	0.00	3.95	1.86	YES	
L0007857	0	0.18150E-07	474280.8	3770686.6	307.0	0.00	3.95	1.86	YES	
L0007858	0	0.18150E-07	474280.9	3770695.1	307.0	0.00	3.95	1.86	YES	
L0007859	0	0.18150E-07	474281.0	3770703.6	307.0	0.00	3.95	1.86	YES	
L0007860	0	0.18150E-07	474281.1	3770712.1	307.0	0.00	3.95	1.86	YES	

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007861	0	0.18150E-07	474281.2	3770720.6	307.2	0.00	3.95	1.86	YES	
L0007862	0	0.18150E-07	474281.3	3770729.1	307.4	0.00	3.95	1.86	YES	
L0007863	0	0.18150E-07	474281.4	3770737.6	307.7	0.00	3.95	1.86	YES	
L0007864	0	0.18150E-07	474281.5	3770746.1	308.0	0.00	3.95	1.86	YES	
L0007865	0	0.18150E-07	474281.6	3770754.6	308.0	0.00	3.95	1.86	YES	
L0007866	0	0.18150E-07	474281.7	3770763.1	308.0	0.00	3.95	1.86	YES	
L0007867	0	0.18150E-07	474281.8	3770771.6	308.0	0.00	3.95	1.86	YES	
L0007868	0	0.18150E-07	474281.9	3770780.1	308.0	0.00	3.95	1.86	YES	
L0007869	0	0.18150E-07	474282.0	3770788.6	308.0	0.00	3.95	1.86	YES	
L0007870	0	0.18150E-07	474282.1	3770797.1	308.0	0.00	3.95	1.86	YES	
L0007871	0	0.18150E-07	474282.2	3770805.6	308.0	0.00	3.95	1.86	YES	
L0007872	0	0.18150E-07	474282.3	3770814.1	308.0	0.00	3.95	1.86	YES	
L0007873	0	0.18150E-07	474282.4	3770822.6	308.0	0.00	3.95	1.86	YES	
L0007874	0	0.18150E-07	474282.5	3770831.1	308.0	0.00	3.95	1.86	YES	
L0007875	0	0.18150E-07	474282.6	3770839.6	308.0	0.00	3.95	1.86	YES	
L0007876	0	0.18150E-07	474282.7	3770848.1	308.0	0.00	3.95	1.86	YES	
L0007877	0	0.18150E-07	474282.8	3770856.6	308.0	0.00	3.95	1.86	YES	
L0007878	0	0.18150E-07	474282.9	3770865.1	308.0	0.00	3.95	1.86	YES	
L0007879	0	0.18150E-07	474283.0	3770873.6	308.0	0.00	3.95	1.86	YES	
L0007880	0	0.18150E-07	474283.1	3770882.1	308.0	0.00	3.95	1.86	YES	
L0007881	0	0.18150E-07	474283.2	3770890.6	308.0	0.00	3.95	1.86	YES	
L0007882	0	0.18150E-07	474283.3	3770899.1	308.0	0.00	3.95	1.86	YES	
L0007883	0	0.18150E-07	474283.4	3770907.6	308.0	0.00	3.95	1.86	YES	
L0007884	0	0.18150E-07	474283.5	3770916.1	308.0	0.00	3.95	1.86	YES	
L0007885	0	0.18150E-07	474283.6	3770924.6	308.0	0.00	3.95	1.86	YES	
L0007886	0	0.18150E-07	474283.7	3770933.1	308.2	0.00	3.95	1.86	YES	
L0007887	0	0.18150E-07	474283.8	3770941.6	308.5	0.00	3.95	1.86	YES	
L0007888	0	0.18150E-07	474283.9	3770950.1	308.8	0.00	3.95	1.86	YES	
L0007889	0	0.18150E-07	474284.0	3770958.6	309.0	0.00	3.95	1.86	YES	
L0007890	0	0.18150E-07	474284.1	3770967.1	309.0	0.00	3.95	1.86	YES	
L0007891	0	0.18150E-07	474284.2	3770975.6	309.0	0.00	3.95	1.86	YES	
L0007892	0	0.18150E-07	474284.3	3770984.1	309.0	0.00	3.95	1.86	YES	
L0007893	0	0.18150E-07	474284.5	3770992.6	309.0	0.00	3.95	1.86	YES	
L0007894	0	0.18150E-07	474284.6	3771001.1	309.0	0.00	3.95	1.86	YES	
L0007895	0	0.18150E-07	474284.7	3771009.6	309.0	0.00	3.95	1.86	YES	
L0007896	0	0.18150E-07	474284.8	3771018.1	309.0	0.00	3.95	1.86	YES	
L0007897	0	0.18150E-07	474284.9	3771026.6	309.0	0.00	3.95	1.86	YES	
L0007898	0	0.18150E-07	474280.5	3771030.7	309.0	0.00	3.95	1.86	YES	
L0007899	0	0.18150E-07	474272.0	3771030.7	309.0	0.00	3.95	1.86	YES	
L0007900	0	0.18150E-07	474263.5	3771030.8	309.0	0.00	3.95	1.86	YES	

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007901	0	0.18150E-07	474255.0	3771030.8	309.0	0.00	3.95	1.86	YES	
L0007902	0	0.18150E-07	474246.5	3771030.8	308.9	0.00	3.95	1.86	YES	

L0007903	0	0.18150E-07	474238.0	3771030.8	308.6	0.00	3.95	1.86	YES
L0007904	0	0.18150E-07	474229.5	3771030.8	308.3	0.00	3.95	1.86	YES
L0007905	0	0.18150E-07	474221.0	3771030.8	308.0	0.00	3.95	1.86	YES
L0007906	0	0.18150E-07	474212.5	3771030.8	308.0	0.00	3.95	1.86	YES
L0007907	0	0.18150E-07	474204.0	3771030.9	308.0	0.00	3.95	1.86	YES
L0007908	0	0.18150E-07	474195.5	3771030.9	308.0	0.00	3.95	1.86	YES
L0007909	0	0.18150E-07	474187.0	3771030.9	308.0	0.00	3.95	1.86	YES
L0007910	0	0.18150E-07	474178.5	3771030.9	308.0	0.00	3.95	1.86	YES
L0007911	0	0.18150E-07	474170.0	3771030.9	308.0	0.00	3.95	1.86	YES
L0007912	0	0.18150E-07	474161.5	3771030.9	308.0	0.00	3.95	1.86	YES
L0007913	0	0.18150E-07	474153.0	3771030.9	308.0	0.00	3.95	1.86	YES
L0007914	0	0.18150E-07	474144.5	3771030.9	308.0	0.00	3.95	1.86	YES
L0007915	0	0.18150E-07	474136.0	3771031.0	308.0	0.00	3.95	1.86	YES
L0007916	0	0.18150E-07	474127.5	3771031.0	308.0	0.00	3.95	1.86	YES
L0007917	0	0.18150E-07	474119.0	3771031.0	308.0	0.00	3.95	1.86	YES
L0007918	0	0.18150E-07	474110.5	3771031.0	308.0	0.00	3.95	1.86	YES
L0007919	0	0.18150E-07	474102.0	3771031.0	308.0	0.00	3.95	1.86	YES
L0007920	0	0.18150E-07	474093.5	3771031.0	308.0	0.00	3.95	1.86	YES
L0007921	0	0.18150E-07	474085.0	3771031.0	308.0	0.00	3.95	1.86	YES
L0007922	0	0.18150E-07	474076.5	3771031.1	308.0	0.00	3.95	1.86	YES
L0007923	0	0.18150E-07	474068.0	3771031.1	308.0	0.00	3.95	1.86	YES
L0007924	0	0.18150E-07	474059.5	3771031.1	308.0	0.00	3.95	1.86	YES
L0007925	0	0.18150E-07	474051.0	3771031.1	308.0	0.00	3.95	1.86	YES
L0007926	0	0.18150E-07	474042.5	3771031.1	308.0	0.00	3.95	1.86	YES
L0007927	0	0.18150E-07	474034.0	3771031.1	308.0	0.00	3.95	1.86	YES
L0007928	0	0.18150E-07	474025.5	3771031.1	308.0	0.00	3.95	1.86	YES
L0007929	0	0.18150E-07	474017.0	3771031.2	308.0	0.00	3.95	1.86	YES
L0007930	0	0.18150E-07	474008.5	3771031.2	308.0	0.00	3.95	1.86	YES
L0007931	0	0.18150E-07	474000.0	3771031.2	307.7	0.00	3.95	1.86	YES
L0007932	0	0.18150E-07	473991.5	3771031.2	307.4	0.00	3.95	1.86	YES
L0007933	0	0.18150E-07	473983.0	3771031.2	307.1	0.00	3.95	1.86	YES
L0007934	0	0.18150E-07	473974.5	3771031.2	307.0	0.00	3.95	1.86	YES
L0007935	0	0.18150E-07	473966.0	3771031.2	307.0	0.00	3.95	1.86	YES
L0007936	0	0.18150E-07	473957.5	3771031.2	307.0	0.00	3.95	1.86	YES
L0007937	0	0.18150E-07	473949.0	3771031.3	307.0	0.00	3.95	1.86	YES
L0007938	0	0.18150E-07	473940.5	3771031.3	307.0	0.00	3.95	1.86	YES
L0007939	0	0.18150E-07	473932.0	3771031.3	307.0	0.00	3.95	1.86	YES
L0007940	0	0.18150E-07	473923.5	3771031.3	307.0	0.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007941	0	0.18150E-07	473915.0	3771031.3	307.0	0.00	3.95	1.86	YES	
L0007942	0	0.18150E-07	473906.5	3771031.3	307.0	0.00	3.95	1.86	YES	
L0007943	0	0.18150E-07	473898.0	3771031.3	307.0	0.00	3.95	1.86	YES	
L0007944	0	0.18150E-07	473889.5	3771031.4	307.0	0.00	3.95	1.86	YES	
L0007945	0	0.18150E-07	473881.0	3771031.4	306.9	0.00	3.95	1.86	YES	
L0007946	0	0.18150E-07	473872.5	3771031.4	306.7	0.00	3.95	1.86	YES	
L0007947	0	0.18150E-07	473864.0	3771031.4	306.6	0.00	3.95	1.86	YES	
L0007948	0	0.18150E-07	473855.5	3771031.4	306.4	0.00	3.95	1.86	YES	
L0007949	0	0.18150E-07	473847.0	3771031.4	306.3	0.00	3.95	1.86	YES	
L0007950	0	0.18150E-07	473838.5	3771031.4	306.2	0.00	3.95	1.86	YES	
L0007951	0	0.18150E-07	473830.0	3771031.4	306.0	0.00	3.95	1.86	YES	
L0007952	0	0.18150E-07	473821.5	3771031.5	306.0	0.00	3.95	1.86	YES	

L0007953	0	0.18150E-07	473813.0	3771031.5	306.0	0.00	3.95	1.86	YES
L0007954	0	0.18150E-07	473804.5	3771031.4	306.0	0.00	3.95	1.86	YES
L0007955	0	0.18150E-07	473796.0	3771031.3	306.0	0.00	3.95	1.86	YES
L0007956	0	0.18150E-07	473787.5	3771031.3	306.0	0.00	3.95	1.86	YES
L0007957	0	0.18150E-07	473779.0	3771031.2	306.0	0.00	3.95	1.86	YES
L0007958	0	0.18150E-07	473770.5	3771031.1	306.0	0.00	3.95	1.86	YES
L0007959	0	0.18150E-07	473762.0	3771031.0	305.7	0.00	3.95	1.86	YES
L0007960	0	0.18150E-07	473753.5	3771031.0	305.5	0.00	3.95	1.86	YES
L0007961	0	0.18150E-07	473745.0	3771030.9	305.2	0.00	3.95	1.86	YES
L0007962	0	0.18150E-07	473736.5	3771030.8	305.0	0.00	3.95	1.86	YES
L0007963	0	0.18150E-07	473728.0	3771030.8	305.0	0.00	3.95	1.86	YES
L0007964	0	0.18150E-07	473719.5	3771030.7	305.0	0.00	3.95	1.86	YES
L0007965	0	0.18150E-07	473711.0	3771030.6	305.0	0.00	3.95	1.86	YES
L0007966	0	0.18150E-07	473702.5	3771030.5	305.0	0.00	3.95	1.86	YES
L0007967	0	0.18150E-07	473694.0	3771030.5	305.0	0.00	3.95	1.86	YES
L0007968	0	0.18150E-07	473685.5	3771030.4	305.0	0.00	3.95	1.86	YES
L0007969	0	0.18150E-07	473677.0	3771030.3	305.0	0.00	3.95	1.86	YES
L0007970	0	0.18150E-07	473668.5	3771030.2	305.0	0.00	3.95	1.86	YES
L0007971	0	0.18150E-07	473660.0	3771030.2	305.0	0.00	3.95	1.86	YES
L0007972	0	0.18150E-07	473651.5	3771030.1	305.0	0.00	3.95	1.86	YES
L0007973	0	0.18150E-07	473643.0	3771030.0	304.8	0.00	3.95	1.86	YES
L0007974	0	0.18150E-07	473634.5	3771030.0	304.5	0.00	3.95	1.86	YES
L0007975	0	0.18150E-07	473626.0	3771029.9	304.2	0.00	3.95	1.86	YES
L0007976	0	0.18150E-07	473617.5	3771029.8	304.0	0.00	3.95	1.86	YES
L0007977	0	0.18150E-07	473609.0	3771029.7	304.0	0.00	3.95	1.86	YES
L0007978	0	0.18150E-07	473600.5	3771029.7	304.0	0.00	3.95	1.86	YES
L0007979	0	0.18150E-07	473592.0	3771029.6	304.0	0.00	3.95	1.86	YES
L0007980	0	0.18150E-07	473583.5	3771029.5	304.0	0.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0007981	0	0.18150E-07	473575.0	3771029.4	304.0	0.00	3.95	1.86	YES	
L0007982	0	0.18150E-07	473566.5	3771029.4	304.0	0.00	3.95	1.86	YES	
L0007983	0	0.18150E-07	473558.0	3771029.3	304.0	0.00	3.95	1.86	YES	
L0007984	0	0.18150E-07	473549.5	3771029.2	304.0	0.00	3.95	1.86	YES	
L0007985	0	0.18150E-07	473541.0	3771029.1	304.0	0.00	3.95	1.86	YES	
L0007986	0	0.18150E-07	473532.5	3771029.1	304.0	0.00	3.95	1.86	YES	
L0007987	0	0.18150E-07	473524.0	3771029.0	303.9	0.00	3.95	1.86	YES	
L0007988	0	0.18150E-07	473515.5	3771028.9	303.7	0.00	3.95	1.86	YES	
L0007989	0	0.18150E-07	473507.0	3771028.9	303.6	0.00	3.95	1.86	YES	
L0007990	0	0.18150E-07	473498.5	3771028.8	303.4	0.00	3.95	1.86	YES	
L0007991	0	0.18150E-07	473490.0	3771028.7	303.3	0.00	3.95	1.86	YES	
L0007992	0	0.18150E-07	473481.5	3771028.6	303.2	0.00	3.95	1.86	YES	
L0007993	0	0.18150E-07	473473.0	3771028.6	303.0	0.00	3.95	1.86	YES	
L0007994	0	0.18150E-07	473464.5	3771028.5	303.0	0.00	3.95	1.86	YES	
L0007995	0	0.18150E-07	473456.0	3771028.4	303.0	0.00	3.95	1.86	YES	
L0007996	0	0.18150E-07	473447.5	3771028.3	303.0	0.00	3.95	1.86	YES	
L0007997	0	0.18150E-07	473439.0	3771028.3	303.0	0.00	3.95	1.86	YES	
L0007998	0	0.18150E-07	473430.5	3771028.2	303.0	0.00	3.95	1.86	YES	
L0007999	0	0.18150E-07	473422.0	3771028.1	303.0	0.00	3.95	1.86	YES	
L0008000	0	0.18150E-07	473413.5	3771028.1	303.0	0.00	3.95	1.86	YES	
L0008001	0	0.18150E-07	473405.0	3771028.0	303.0	0.00	3.95	1.86	YES	
L0008002	0	0.18150E-07	473396.5	3771027.9	303.0	0.00	3.95	1.86	YES	

L0008003	0	0.18150E-07	473388.0	3771027.8	303.0	0.00	3.95	1.86	YES
L0008004	0	0.18150E-07	473379.5	3771027.8	303.0	0.00	3.95	1.86	YES
L0008005	0	0.18150E-07	473371.0	3771027.7	302.8	0.00	3.95	1.86	YES
L0008006	0	0.18150E-07	473362.5	3771027.6	302.6	0.00	3.95	1.86	YES
L0008007	0	0.18150E-07	473354.0	3771027.5	302.5	0.00	3.95	1.86	YES
L0008008	0	0.18150E-07	473345.5	3771027.4	302.3	0.00	3.95	1.86	YES
L0008009	0	0.18150E-07	473337.0	3771027.3	302.2	0.00	3.95	1.86	YES
L0008010	0	0.18150E-07	473328.5	3771027.1	302.1	0.00	3.95	1.86	YES
L0008011	0	0.18150E-07	473320.0	3771026.9	302.0	0.00	3.95	1.86	YES
L0008012	0	0.18150E-07	473311.5	3771026.8	302.0	0.00	3.95	1.86	YES
L0008013	0	0.18150E-07	473303.0	3771026.6	302.0	0.00	3.95	1.86	YES
L0008014	0	0.18150E-07	473294.6	3771026.5	302.0	0.00	3.95	1.86	YES
L0008015	0	0.18150E-07	473286.1	3771026.3	302.0	0.00	3.95	1.86	YES
L0008016	0	0.18150E-07	473277.6	3771026.1	302.0	0.00	3.95	1.86	YES
L0008017	0	0.18150E-07	473269.1	3771026.0	302.0	0.00	3.95	1.86	YES
L0008018	0	0.18150E-07	473260.6	3771025.8	302.0	0.00	3.95	1.86	YES
L0008019	0	0.18150E-07	473252.1	3771025.6	302.0	0.00	3.95	1.86	YES
L0008020	0	0.18150E-07	473243.6	3771025.5	302.0	0.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008021	0	0.18150E-07	473235.1	3771025.3	302.0	0.00	3.95	1.86	YES	
L0008022	0	0.18150E-07	473226.6	3771025.2	302.0	0.00	3.95	1.86	YES	
L0008023	0	0.18150E-07	473218.1	3771025.0	302.0	0.00	3.95	1.86	YES	
L0008024	0	0.18150E-07	473209.6	3771024.8	302.0	0.00	3.95	1.86	YES	
L0008025	0	0.18150E-07	473201.1	3771024.7	302.0	0.00	3.95	1.86	YES	
L0008026	0	0.18150E-07	473192.6	3771024.5	301.8	0.00	3.95	1.86	YES	
L0008027	0	0.18150E-07	473184.1	3771024.4	301.6	0.00	3.95	1.86	YES	
L0008028	0	0.18150E-07	473175.6	3771024.2	301.4	0.00	3.95	1.86	YES	
L0008029	0	0.18150E-07	473167.1	3771024.0	301.2	0.00	3.95	1.86	YES	
L0008030	0	0.18150E-07	473158.6	3771023.9	301.2	0.00	3.95	1.86	YES	
L0008031	0	0.18150E-07	473150.1	3771023.7	301.1	0.00	3.95	1.86	YES	
L0008032	0	0.18150E-07	473141.6	3771023.6	301.0	0.00	3.95	1.86	YES	
L0008033	0	0.18150E-07	473133.1	3771023.4	301.0	0.00	3.95	1.86	YES	
L0008034	0	0.18150E-07	473124.6	3771023.2	301.0	0.00	3.95	1.86	YES	
L0008035	0	0.18150E-07	473116.1	3771023.1	301.0	0.00	3.95	1.86	YES	
L0008036	0	0.18150E-07	473107.6	3771022.9	301.0	0.00	3.95	1.86	YES	
L0008037	0	0.18150E-07	473099.1	3771022.8	301.0	0.00	3.95	1.86	YES	
L0008038	0	0.18150E-07	473090.6	3771022.7	301.0	0.00	3.95	1.86	YES	
L0008039	0	0.18150E-07	473082.1	3771022.6	301.0	0.00	3.95	1.86	YES	
L0008040	0	0.18150E-07	473073.6	3771022.4	301.0	0.00	3.95	1.86	YES	
L0008041	0	0.18150E-07	473065.1	3771022.3	301.0	0.00	3.95	1.86	YES	
L0008042	0	0.18150E-07	473056.6	3771022.2	301.0	0.00	3.95	1.86	YES	
L0008043	0	0.18150E-07	473048.1	3771022.1	301.0	0.00	3.95	1.86	YES	
L0008044	0	0.18150E-07	473039.6	3771021.9	301.0	0.00	3.95	1.86	YES	
L0008045	0	0.18150E-07	473031.1	3771021.8	301.0	0.00	3.95	1.86	YES	
L0008046	0	0.18150E-07	473022.6	3771021.7	301.0	0.00	3.95	1.86	YES	
L0008047	0	0.18150E-07	473014.1	3771021.6	300.8	0.00	3.95	1.86	YES	
L0008048	0	0.18150E-07	473005.6	3771021.5	300.6	0.00	3.95	1.86	YES	
L0008049	0	0.18150E-07	472997.1	3771021.3	300.4	0.00	3.95	1.86	YES	
L0008050	0	0.18150E-07	472988.6	3771021.2	300.2	0.00	3.95	1.86	YES	
L0008051	0	0.18150E-07	472980.1	3771021.1	300.1	0.00	3.95	1.86	YES	
L0008052	0	0.18150E-07	472971.6	3771021.0	300.1	0.00	3.95	1.86	YES	

L0008053	0	0.18150E-07	472963.1	3771020.8	300.0	0.00	3.95	1.86	YES	
L0008054	0	0.18150E-07	472954.6	3771020.7	300.0	0.00	3.95	1.86	YES	
L0008055	0	0.18150E-07	472946.1	3771020.6	300.0	0.00	3.95	1.86	YES	
L0008056	0	0.18150E-07	472937.6	3771020.5	300.0	0.00	3.95	1.86	YES	
L0008057	0	0.18150E-07	472929.1	3771020.3	300.0	0.00	3.95	1.86	YES	
L0008058	0	0.18150E-07	472920.6	3771020.2	300.0	0.00	3.95	1.86	YES	
L0008059	0	0.18150E-07	472912.1	3771020.1	300.0	0.00	3.95	1.86	YES	
L0008060	0	0.18150E-07	472903.6	3771020.0	300.0	0.00	3.95	1.86	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008061	0	0.18150E-07	472895.1	3771019.9	300.0	0.00	3.95	1.86	YES	
L0008062	0	0.18150E-07	472886.6	3771019.7	300.0	0.00	3.95	1.86	YES	
L0008063	0	0.18150E-07	472878.1	3771019.6	300.0	0.00	3.95	1.86	YES	
L0008064	0	0.18150E-07	472869.9	3771017.9	300.0	0.00	3.95	1.86	YES	
L0008065	0	0.18150E-07	472861.9	3771014.9	299.9	0.00	3.95	1.86	YES	
L0008066	0	0.18150E-07	472854.0	3771012.0	299.9	0.00	3.95	1.86	YES	
L0008067	0	0.18150E-07	472846.0	3771009.1	299.8	0.00	3.95	1.86	YES	
L0008068	0	0.18150E-07	472838.0	3771006.1	299.7	0.00	3.95	1.86	YES	
L0008069	0	0.18150E-07	472830.0	3771003.2	299.7	0.00	3.95	1.86	YES	
L0008070	0	0.18150E-07	472822.2	3771000.0	299.8	0.00	3.95	1.86	YES	
L0008071	0	0.18150E-07	472815.3	3770995.0	299.9	0.00	3.95	1.86	YES	
L0008072	0	0.18150E-07	472808.4	3770990.1	300.0	0.00	3.95	1.86	YES	
L0008073	0	0.18150E-07	472801.5	3770985.1	299.7	0.00	3.95	1.86	YES	
L0008074	0	0.18150E-07	472794.6	3770980.2	299.5	0.00	3.95	1.86	YES	
L0008075	0	0.18150E-07	472787.6	3770975.2	299.4	0.00	3.95	1.86	YES	
L0008076	0	0.18150E-07	472780.7	3770970.3	299.5	0.00	3.95	1.86	YES	
L0008077	0	0.18150E-07	472773.8	3770965.3	300.0	0.00	3.95	1.86	YES	
L0008078	0	0.18150E-07	472766.9	3770960.4	300.4	0.00	3.95	1.86	YES	
L0008079	0	0.18150E-07	472760.0	3770955.4	300.7	0.00	3.95	1.86	YES	
L0008080	0	0.18150E-07	472753.1	3770950.5	300.9	0.00	3.95	1.86	YES	
L0008081	0	0.18150E-07	472746.2	3770945.6	301.1	0.00	3.95	1.86	YES	
L0008082	0	0.18150E-07	472739.2	3770940.6	301.4	0.00	3.95	1.86	YES	
L0008083	0	0.18150E-07	472732.9	3770935.0	301.8	0.00	3.95	1.86	YES	
L0008084	0	0.18150E-07	472726.8	3770929.1	302.4	0.00	3.95	1.86	YES	
L0008085	0	0.18150E-07	472720.6	3770923.3	303.0	0.00	3.95	1.86	YES	
L0008086	0	0.18150E-07	472714.4	3770917.4	303.3	0.00	3.95	1.86	YES	
L0008087	0	0.18150E-07	472708.3	3770911.5	303.5	0.00	3.95	1.86	YES	
L0008088	0	0.18150E-07	472702.1	3770905.7	303.7	0.00	3.95	1.86	YES	
L0008089	0	0.18150E-07	472696.0	3770899.8	303.9	0.00	3.95	1.86	YES	
L0008090	0	0.18150E-07	472689.8	3770894.0	304.1	0.00	3.95	1.86	YES	
L0008091	0	0.18150E-07	472683.7	3770888.1	303.8	0.00	3.95	1.86	YES	
L0008092	0	0.18150E-07	472677.5	3770882.2	303.5	0.00	3.95	1.86	YES	
L0008093	0	0.18150E-07	472671.3	3770876.4	303.0	0.00	3.95	1.86	YES	
L0008094	0	0.18150E-07	472665.2	3770870.5	302.5	0.00	3.95	1.86	YES	
L0008095	0	0.18150E-07	472659.0	3770864.6	301.9	0.00	3.95	1.86	YES	
L0008096	0	0.18150E-07	472652.9	3770858.8	301.3	0.00	3.95	1.86	YES	
L0008097	0	0.18150E-07	472646.7	3770852.9	300.7	0.00	3.95	1.86	YES	
L0008098	0	0.18150E-07	472640.6	3770847.1	300.1	0.00	3.95	1.86	YES	
L0008099	0	0.18150E-07	472634.4	3770841.2	299.5	0.00	3.95	1.86	YES	
L0008100	0	0.18150E-07	472628.2	3770835.3	299.0	0.00	3.95	1.86	YES	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008101	0	0.18150E-07	472622.1	3770829.5	299.2	0.00	3.95	1.86	YES	
L0008102	0	0.18150E-07	472615.9	3770823.6	299.2	0.00	3.95	1.86	YES	
L0008103	0	0.18150E-07	472609.8	3770817.8	299.2	0.00	3.95	1.86	YES	
L0008104	0	0.18150E-07	472603.6	3770811.9	299.1	0.00	3.95	1.86	YES	
L0008105	0	0.18150E-07	472597.5	3770806.0	299.0	0.00	3.95	1.86	YES	
L0008106	0	0.18150E-07	472591.3	3770800.2	298.8	0.00	3.95	1.86	YES	
L0008107	0	0.18150E-07	472585.1	3770794.3	298.6	0.00	3.95	1.86	YES	
L0008108	0	0.18150E-07	472579.0	3770788.5	298.4	0.00	3.95	1.86	YES	
L0008109	0	0.18150E-07	472572.8	3770782.6	298.2	0.00	3.95	1.86	YES	
L0008110	0	0.19950E-06	474277.0	3770436.7	306.0	4.00	3.95	1.86	YES	
L0008111	0	0.19950E-06	474277.0	3770428.2	306.0	4.00	3.95	1.86	YES	
L0008112	0	0.19950E-06	474277.1	3770419.7	306.0	4.00	3.95	1.86	YES	
L0008113	0	0.19950E-06	474277.1	3770411.2	306.0	4.00	3.95	1.86	YES	
L0008114	0	0.19950E-06	474277.1	3770402.7	306.0	4.00	3.95	1.86	YES	
L0008115	0	0.19950E-06	474277.2	3770394.2	306.0	4.00	3.95	1.86	YES	
L0008116	0	0.19950E-06	474277.2	3770385.7	306.0	4.00	3.95	1.86	YES	
L0008117	0	0.19950E-06	474277.2	3770377.2	306.0	4.00	3.95	1.86	YES	
L0008118	0	0.19950E-06	474277.3	3770368.7	306.0	4.00	3.95	1.86	YES	
L0008119	0	0.19950E-06	474277.3	3770360.2	306.0	4.00	3.95	1.86	YES	
L0008120	0	0.19950E-06	474277.4	3770351.7	306.0	4.00	3.95	1.86	YES	
L0008121	0	0.19950E-06	474277.4	3770343.2	306.0	4.00	3.95	1.86	YES	
L0008122	0	0.19950E-06	474277.4	3770334.7	305.9	4.00	3.95	1.86	YES	
L0008123	0	0.19950E-06	474277.5	3770326.2	305.9	4.00	3.95	1.86	YES	
L0008124	0	0.19950E-06	474277.5	3770317.7	305.7	4.00	3.95	1.86	YES	
L0008125	0	0.19950E-06	474277.6	3770309.2	305.4	4.00	3.95	1.86	YES	
L0008126	0	0.19950E-06	474277.6	3770300.7	305.1	4.00	3.95	1.86	YES	
L0008127	0	0.19950E-06	474277.6	3770292.2	305.0	4.00	3.95	1.86	YES	
L0008128	0	0.19950E-06	474277.7	3770283.7	305.0	4.00	3.95	1.86	YES	
L0008129	0	0.19950E-06	474277.7	3770275.2	305.0	4.00	3.95	1.86	YES	
L0008130	0	0.19950E-06	474277.8	3770266.7	305.0	4.00	3.95	1.86	YES	
L0008131	0	0.19950E-06	474277.8	3770258.2	305.0	4.00	3.95	1.86	YES	
L0008132	0	0.19950E-06	474277.8	3770249.7	305.0	4.00	3.95	1.86	YES	
L0008133	0	0.19950E-06	474277.9	3770241.2	305.0	4.00	3.95	1.86	YES	
L0008134	0	0.19950E-06	474277.9	3770232.7	305.0	4.00	3.95	1.86	YES	
L0008135	0	0.19950E-06	474277.9	3770224.2	305.0	4.00	3.95	1.86	YES	
L0008136	0	0.19950E-06	474278.0	3770215.7	305.0	4.00	3.95	1.86	YES	
L0008137	0	0.19950E-06	474278.0	3770207.2	305.0	4.00	3.95	1.86	YES	
L0008138	0	0.19950E-06	474278.1	3770198.7	305.0	4.00	3.95	1.86	YES	
L0008139	0	0.19950E-06	474278.1	3770190.2	305.0	4.00	3.95	1.86	YES	
L0008140	0	0.19950E-06	474278.1	3770181.7	305.0	4.00	3.95	1.86	YES	

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.	URBAN	EMISSION RATE

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	RES ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE	SCALAR VARY BY
L0008141	0	0.19950E-06	474278.2	3770173.2	305.0	4.00	3.95	1.86	YES	
L0008142	0	0.19950E-06	474278.2	3770164.7	305.0	4.00	3.95	1.86	YES	
L0008143	0	0.19950E-06	474278.3	3770156.2	305.0	4.00	3.95	1.86	YES	
L0008144	0	0.19950E-06	474278.3	3770147.7	305.0	4.00	3.95	1.86	YES	
L0008145	0	0.19950E-06	474278.3	3770139.2	305.0	4.00	3.95	1.86	YES	
L0008146	0	0.19950E-06	474278.4	3770130.7	305.0	4.00	3.95	1.86	YES	
L0008147	0	0.19950E-06	474278.4	3770122.2	305.0	4.00	3.95	1.86	YES	
L0008148	0	0.19950E-06	474278.4	3770113.7	305.0	4.00	3.95	1.86	YES	
L0008149	0	0.19950E-06	474278.5	3770105.2	305.0	4.00	3.95	1.86	YES	
L0008150	0	0.19950E-06	474278.5	3770096.7	305.0	4.00	3.95	1.86	YES	
L0008151	0	0.19950E-06	474278.6	3770088.2	305.0	4.00	3.95	1.86	YES	
L0008152	0	0.19950E-06	474278.6	3770079.7	305.0	4.00	3.95	1.86	YES	
L0008153	0	0.19950E-06	474278.6	3770071.2	305.0	4.00	3.95	1.86	YES	
L0008154	0	0.19950E-06	474278.7	3770062.7	305.0	4.00	3.95	1.86	YES	
L0008155	0	0.19950E-06	474278.7	3770054.2	305.0	4.00	3.95	1.86	YES	
L0008156	0	0.19950E-06	474278.8	3770045.7	305.0	4.00	3.95	1.86	YES	
L0008157	0	0.19950E-06	474278.8	3770037.2	305.0	4.00	3.95	1.86	YES	
L0008158	0	0.19950E-06	474278.8	3770028.7	305.0	4.00	3.95	1.86	YES	
L0008159	0	0.19950E-06	474278.9	3770020.2	305.0	4.00	3.95	1.86	YES	
L0008160	0	0.19950E-06	474278.9	3770011.7	305.0	4.00	3.95	1.86	YES	
L0008161	0	0.19950E-06	474278.9	3770003.2	305.0	4.00	3.95	1.86	YES	
L0008162	0	0.19950E-06	474279.0	3769994.7	305.0	4.00	3.95	1.86	YES	
L0008163	0	0.19950E-06	474279.0	3769986.2	305.0	4.00	3.95	1.86	YES	
L0008164	0	0.19950E-06	474279.1	3769977.7	305.0	4.00	3.95	1.86	YES	
L0008165	0	0.19950E-06	474279.1	3769969.2	305.0	4.00	3.95	1.86	YES	
L0008166	0	0.19950E-06	474279.1	3769960.7	305.0	4.00	3.95	1.86	YES	
L0008167	0	0.19950E-06	474279.2	3769952.2	305.0	4.00	3.95	1.86	YES	
L0008168	0	0.19950E-06	474279.2	3769943.7	305.0	4.00	3.95	1.86	YES	
L0008169	0	0.19950E-06	474279.3	3769935.2	305.0	4.00	3.95	1.86	YES	
L0008170	0	0.19950E-06	474279.3	3769926.7	305.3	4.00	3.95	1.86	YES	
L0008171	0	0.19950E-06	474279.3	3769918.2	305.6	4.00	3.95	1.86	YES	
L0008172	0	0.19950E-06	474279.4	3769909.7	305.9	4.00	3.95	1.86	YES	
L0008173	0	0.19950E-06	474279.4	3769901.2	306.0	4.00	3.95	1.86	YES	
L0008174	0	0.19950E-06	474279.5	3769892.7	306.0	4.00	3.95	1.86	YES	
L0008175	0	0.19950E-06	474279.5	3769884.2	306.0	4.00	3.95	1.86	YES	
L0008176	0	0.19950E-06	474279.5	3769875.7	306.0	4.00	3.95	1.86	YES	
L0008177	0	0.19950E-06	474279.6	3769867.2	306.0	4.00	3.95	1.86	YES	
L0008178	0	0.19950E-06	474279.6	3769858.7	306.0	4.00	3.95	1.86	YES	
L0008179	0	0.19950E-06	474279.6	3769850.2	306.0	4.00	3.95	1.86	YES	
L0008180	0	0.19950E-06	474279.7	3769841.7	306.0	4.00	3.95	1.86	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008181	0	0.19950E-06	474279.7	3769833.2	306.0	4.00	3.95	1.86	YES	
L0008182	0	0.19950E-06	474279.8	3769824.7	306.0	4.00	3.95	1.86	YES	
L0008183	0	0.19950E-06	474279.8	3769816.2	306.0	4.00	3.95	1.86	YES	
L0008184	0	0.19950E-06	474279.8	3769807.7	306.3	4.00	3.95	1.86	YES	
L0008185	0	0.19950E-06	474279.9	3769799.2	306.6	4.00	3.95	1.86	YES	

L0008186	0	0.19950E-06	474279.9	3769790.7	306.9	4.00	3.95	1.86	YES
L0008187	0	0.19950E-06	474280.0	3769782.2	307.0	4.00	3.95	1.86	YES
L0008188	0	0.19950E-06	474280.0	3769773.7	307.0	4.00	3.95	1.86	YES
L0008189	0	0.19950E-06	474280.0	3769765.2	307.0	4.00	3.95	1.86	YES
L0008190	0	0.19950E-06	474280.1	3769756.7	307.0	4.00	3.95	1.86	YES
L0008191	0	0.19950E-06	474280.1	3769748.2	307.0	4.00	3.95	1.86	YES
L0008192	0	0.19950E-06	474280.1	3769739.7	307.0	4.00	3.95	1.86	YES
L0008193	0	0.19950E-06	474280.2	3769731.2	307.0	4.00	3.95	1.86	YES
L0008194	0	0.19950E-06	474280.2	3769722.7	307.0	4.00	3.95	1.86	YES
L0008195	0	0.19950E-06	474280.3	3769714.2	307.0	4.00	3.95	1.86	YES
L0008196	0	0.19950E-06	474280.3	3769705.7	307.0	4.00	3.95	1.86	YES
L0008197	0	0.19950E-06	474280.3	3769697.2	307.0	4.00	3.95	1.86	YES
L0008198	0	0.19950E-06	474280.4	3769688.7	307.3	4.00	3.95	1.86	YES
L0008199	0	0.19950E-06	474280.4	3769680.2	307.6	4.00	3.95	1.86	YES
L0008200	0	0.19950E-06	474280.5	3769671.7	307.8	4.00	3.95	1.86	YES
L0008201	0	0.19950E-06	474280.5	3769663.2	308.0	4.00	3.95	1.86	YES
L0008202	0	0.19950E-06	474280.5	3769654.7	308.0	4.00	3.95	1.86	YES
L0008203	0	0.19950E-06	474280.6	3769646.2	308.0	4.00	3.95	1.86	YES
L0008204	0	0.19950E-06	474280.6	3769637.7	308.0	4.00	3.95	1.86	YES
L0008205	0	0.19950E-06	474280.6	3769629.2	308.0	4.00	3.95	1.86	YES
L0008206	0	0.19950E-06	474280.7	3769620.7	308.0	4.00	3.95	1.86	YES
L0008207	0	0.19950E-06	474280.7	3769612.2	308.0	4.00	3.95	1.86	YES
L0008208	0	0.19950E-06	474280.8	3769603.7	308.1	4.00	3.95	1.86	YES
L0008209	0	0.19950E-06	474280.8	3769595.2	308.4	4.00	3.95	1.86	YES
L0008210	0	0.19950E-06	474280.8	3769586.7	308.7	4.00	3.95	1.86	YES
L0008211	0	0.19950E-06	474280.9	3769578.2	308.9	4.00	3.95	1.86	YES
L0008212	0	0.19950E-06	474280.9	3769569.7	309.0	4.00	3.95	1.86	YES
L0008213	0	0.19950E-06	474281.0	3769561.2	309.0	4.00	3.95	1.86	YES
L0008214	0	0.19950E-06	474281.0	3769552.7	309.0	4.00	3.95	1.86	YES
L0008215	0	0.19950E-06	474281.0	3769544.2	309.0	4.00	3.95	1.86	YES
L0008216	0	0.19950E-06	474281.1	3769535.7	309.0	4.00	3.95	1.86	YES
L0008217	0	0.19950E-06	474281.1	3769527.2	309.1	4.00	3.95	1.86	YES
L0008218	0	0.19950E-06	474281.2	3769518.7	309.1	4.00	3.95	1.86	YES
L0008219	0	0.19950E-06	474281.2	3769510.2	309.2	4.00	3.95	1.86	YES
L0008220	0	0.19950E-06	474281.2	3769501.7	309.5	4.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008221	0	0.19950E-06	474281.3	3769493.2	309.8	4.00	3.95	1.86	YES	
L0008222	0	0.19950E-06	474281.3	3769484.7	310.0	4.00	3.95	1.86	YES	
L0008223	0	0.19950E-06	474281.3	3769476.2	310.0	4.00	3.95	1.86	YES	
L0008224	0	0.19950E-06	474281.4	3769467.7	310.0	4.00	3.95	1.86	YES	
L0008225	0	0.19950E-06	474281.4	3769459.2	310.0	4.00	3.95	1.86	YES	
L0008226	0	0.19950E-06	474281.5	3769450.7	310.0	4.00	3.95	1.86	YES	
L0008227	0	0.19950E-06	474281.5	3769442.2	310.0	4.00	3.95	1.86	YES	
L0008228	0	0.19950E-06	474281.5	3769433.7	310.0	4.00	3.95	1.86	YES	
L0008229	0	0.19950E-06	474281.6	3769425.2	310.0	4.00	3.95	1.86	YES	
L0008230	0	0.19950E-06	474281.6	3769416.7	310.0	4.00	3.95	1.86	YES	
L0008231	0	0.19950E-06	474281.7	3769408.2	310.0	4.00	3.95	1.86	YES	
L0008232	0	0.19950E-06	474281.7	3769399.7	310.0	4.00	3.95	1.86	YES	
L0008233	0	0.19950E-06	474281.7	3769391.2	310.0	4.00	3.95	1.86	YES	
L0008234	0	0.19950E-06	474281.8	3769382.7	310.0	4.00	3.95	1.86	YES	
L0008235	0	0.19950E-06	474281.8	3769374.2	310.1	4.00	3.95	1.86	YES	

L0008236	0	0.19950E-06	474281.8	3769365.7	310.1	4.00	3.95	1.86	YES
L0008237	0	0.19950E-06	474281.9	3769357.2	310.4	4.00	3.95	1.86	YES
L0008238	0	0.19950E-06	474281.9	3769348.7	310.6	4.00	3.95	1.86	YES
L0008239	0	0.19950E-06	474282.0	3769340.2	310.9	4.00	3.95	1.86	YES
L0008240	0	0.19950E-06	474282.0	3769331.7	311.0	4.00	3.95	1.86	YES
L0008241	0	0.19950E-06	474282.0	3769323.2	311.0	4.00	3.95	1.86	YES
L0008242	0	0.19950E-06	474282.1	3769314.7	311.0	4.00	3.95	1.86	YES
L0008243	0	0.19950E-06	474282.1	3769306.2	311.0	4.00	3.95	1.86	YES
L0008244	0	0.19950E-06	474282.2	3769297.7	311.0	4.00	3.95	1.86	YES
L0008245	0	0.19950E-06	474282.2	3769289.2	311.0	4.00	3.95	1.86	YES
L0008246	0	0.19950E-06	474282.2	3769280.7	311.0	4.00	3.95	1.86	YES
L0008247	0	0.19950E-06	474282.3	3769272.2	311.0	4.00	3.95	1.86	YES
L0008248	0	0.19950E-06	474282.3	3769263.7	311.0	4.00	3.95	1.86	YES
L0008249	0	0.19950E-06	474282.4	3769255.2	311.0	4.00	3.95	1.86	YES
L0008250	0	0.19950E-06	474282.4	3769246.7	311.0	4.00	3.95	1.86	YES
L0008251	0	0.19950E-06	474282.4	3769238.2	310.7	4.00	3.95	1.86	YES
L0008252	0	0.19950E-06	474282.5	3769229.7	310.4	4.00	3.95	1.86	YES
L0008253	0	0.19950E-06	474282.5	3769221.2	310.2	4.00	3.95	1.86	YES
L0008254	0	0.19950E-06	474282.5	3769212.7	310.0	4.00	3.95	1.86	YES
L0008255	0	0.19950E-06	474282.6	3769204.2	310.0	4.00	3.95	1.86	YES
L0008256	0	0.19950E-06	474282.6	3769195.7	310.0	4.00	3.95	1.86	YES
L0008257	0	0.19950E-06	474282.7	3769187.2	310.0	4.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0007141 , L0007142 , L0007143 , L0007144 , L0007145 , L0007146 , L0007147 , L0007148 ,
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♀ *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\GWS\HRA\RES\RES.isc   ***
    03/27/17
 *** AERMET - VERSION 14134 ***   ***   ***
   13:53:17

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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♀ *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\GWS\HRA\RES\RES.isc                              ***
    03/27/17
 *** AERMET - VERSION  14134 ***   ***                                                                      ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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    03/27/17
 *** AERMET - VERSION 14134 ***   ***   ***
   13:53:17

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

URBAN ID	URBAN POP	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

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L0007797 , L0007798 , L0007799 , L0007800 , L0007801 , L0007802 , L0007803 , L0007804 ,

L0007805 , L0007806 , L0007807 , L0007808 , L0007809 , L0007810 , L0007811 , L0007812 ,

L0007813 , L0007814 , L0007815 , L0007816 , L0007817 , L0007818 , L0007819 , L0007820 ,

L0007821 , L0007822 , L0007823 , L0007824 , L0007825 , L0007826 , L0007827 , L0007828 ,

L0007829 , L0007830 , L0007831 , L0007832 , L0007833 , L0007834 , L0007835 , L0007836 ,

L0007837 , L0007838 , L0007839 , L0007840 , L0007841 , L0007842 , L0007843 , L0007844 ,
L0007845 , L0007846 , L0007847 , L0007848 , L0007849 , L0007850 , L0007851 , L0007852 ,
L0007853 , L0007854 , L0007855 , L0007856 , L0007857 , L0007858 , L0007859 , L0007860 ,
L0007861 , L0007862 , L0007863 , L0007864 , L0007865 , L0007866 , L0007867 , L0007868 ,
L0007869 , L0007870 , L0007871 , L0007872 , L0007873 , L0007874 , L0007875 , L0007876 ,
L0007877 , L0007878 , L0007879 , L0007880 , L0007881 , L0007882 , L0007883 , L0007884 ,
L0007885 , L0007886 , L0007887 , L0007888 , L0007889 , L0007890 , L0007891 , L0007892 ,
L0007893 , L0007894 , L0007895 , L0007896 , L0007897 , L0007898 , L0007899 , L0007900 ,
L0007901 , L0007902 , L0007903 , L0007904 , L0007905 , L0007906 , L0007907 , L0007908 ,
L0007909 , L0007910 , L0007911 , L0007912 , L0007913 , L0007914 , L0007915 , L0007916 ,
L0007917 , L0007918 , L0007919 , L0007920 , L0007921 , L0007922 , L0007923 , L0007924 ,
L0007925 , L0007926 , L0007927 , L0007928 , L0007929 , L0007930 , L0007931 , L0007932 ,
L0007933 , L0007934 , L0007935 , L0007936 , L0007937 , L0007938 , L0007939 , L0007940 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

URBAN ID	URBAN POP	SOURCE IDs

L0007941 , L0007942 , L0007943 , L0007944 , L0007945 , L0007946 , L0007947 , L0007948 ,
L0007949 , L0007950 , L0007951 , L0007952 , L0007953 , L0007954 , L0007955 , L0007956 ,
L0007957 , L0007958 , L0007959 , L0007960 , L0007961 , L0007962 , L0007963 , L0007964 ,
L0007965 , L0007966 , L0007967 , L0007968 , L0007969 , L0007970 , L0007971 , L0007972 ,
L0007973 , L0007974 , L0007975 , L0007976 , L0007977 , L0007978 , L0007979 ,

L0007980 ,

L0007981 , L0007982 , L0007983 , L0007984 , L0007985 , L0007986 , L0007987 , L0007988 ,

L0007989 , L0007990 , L0007991 , L0007992 , L0007993 , L0007994 , L0007995 , L0007996 ,

L0007997 , L0007998 , L0007999 , L0008000 , L0008001 , L0008002 , L0008003 , L0008004 ,

L0008005 , L0008006 , L0008007 , L0008008 , L0008009 , L0008010 , L0008011 , L0008012 ,

L0008013 , L0008014 , L0008015 , L0008016 , L0008017 , L0008018 , L0008019 , L0008020 ,

L0008021 , L0008022 , L0008023 , L0008024 , L0008025 , L0008026 , L0008027 , L0008028 ,

L0008029 , L0008030 , L0008031 , L0008032 , L0008033 , L0008034 , L0008035 , L0008036 ,

L0008037 , L0008038 , L0008039 , L0008040 , L0008041 , L0008042 , L0008043 , L0008044 ,

L0008045 , L0008046 , L0008047 , L0008048 , L0008049 , L0008050 , L0008051 , L0008052 ,

L0008053 , L0008054 , L0008055 , L0008056 , L0008057 , L0008058 , L0008059 , L0008060 ,

L0008061 , L0008062 , L0008063 , L0008064 , L0008065 , L0008066 , L0008067 , L0008068 ,

L0008069 , L0008070 , L0008071 , L0008072 , L0008073 , L0008074 , L0008075 , L0008076 ,

L0008077 , L0008078 , L0008079 , L0008080 , L0008081 , L0008082 , L0008083 , L0008084 ,

L0008085 , L0008086 , L0008087 , L0008088 , L0008089 , L0008090 , L0008091 , L0008092 ,

L0008093 , L0008094 , L0008095 , L0008096 , L0008097 , L0008098 , L0008099 , L0008100 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

URBAN ID	URBAN POP	SOURCE IDs

L0008101 , L0008102 , L0008103 , L0008104 , L0008105 , L0008106 , L0008107 , L0008108 ,

L0008109 , L0008110 , L0008111 , L0008112 , L0008113 , L0008114 , L0008115 , L0008116 ,

 L0008117   , L0008118   , L0008119   , L0008120   , L0008121   , L0008122   , L0008123   ,
L0008124   ,

 L0008125   , L0008126   , L0008127   , L0008128   , L0008129   , L0008130   , L0008131   ,
L0008132   ,

 L0008133   , L0008134   , L0008135   , L0008136   , L0008137   , L0008138   , L0008139   ,
L0008140   ,

 L0008141   , L0008142   , L0008143   , L0008144   , L0008145   , L0008146   , L0008147   ,
L0008148   ,

 L0008149   , L0008150   , L0008151   , L0008152   , L0008153   , L0008154   , L0008155   ,
L0008156   ,

 L0008157   , L0008158   , L0008159   , L0008160   , L0008161   , L0008162   , L0008163   ,
L0008164   ,

 L0008165   , L0008166   , L0008167   , L0008168   , L0008169   , L0008170   , L0008171   ,
L0008172   ,

 L0008173   , L0008174   , L0008175   , L0008176   , L0008177   , L0008178   , L0008179   ,
L0008180   ,

 L0008181   , L0008182   , L0008183   , L0008184   , L0008185   , L0008186   , L0008187   ,
L0008188   ,

 L0008189   , L0008190   , L0008191   , L0008192   , L0008193   , L0008194   , L0008195   ,
L0008196   ,

 L0008197   , L0008198   , L0008199   , L0008200   , L0008201   , L0008202   , L0008203   ,
L0008204   ,

 L0008205   , L0008206   , L0008207   , L0008208   , L0008209   , L0008210   , L0008211   ,
L0008212   ,

 L0008213   , L0008214   , L0008215   , L0008216   , L0008217   , L0008218   , L0008219   ,
L0008220   ,

 L0008221   , L0008222   , L0008223   , L0008224   , L0008225   , L0008226   , L0008227   ,
L0008228   ,

 L0008229   , L0008230   , L0008231   , L0008232   , L0008233   , L0008234   , L0008235   ,
L0008236   ,

 L0008237   , L0008238   , L0008239   , L0008240   , L0008241   , L0008242   , L0008243   ,
L0008244   ,

 L0008245   , L0008246   , L0008247   , L0008248   , L0008249   , L0008250   , L0008251   ,
L0008252   ,

 L0008253   , L0008254   , L0008255   , L0008256   , L0008257   ,
♀ *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\GWS\HRA\RES\RES.isc   ***
    03/27/17
 *** AERMET - VERSION 14134 ***   ***   ***
   13:53:17

   PAGE 44
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

     (473813.1, 3770772.6,   305.4,   305.4,   0.0);   (473890.8, 3770715.2,   306.0,   306.0,
     0.0);
     (474193.3, 3770710.4,   307.0,   307.0,   0.0);   (474201.6, 3769929.2,   305.0,   305.0,

```
0.0);
( 474212.7, 3769863.3,     305.8,     305.8,      0.0);        ( 473821.3, 3770863.4,     306.0,     306.0,
0.0);
( 473828.3, 3770923.2,     306.0,     306.0,      0.0);        ( 473820.1, 3770903.8,     306.0,     306.0,
0.0);
( 473915.8, 3770821.5,     306.0,     306.0,      0.0);        ( 473860.9, 3770813.6,     306.0,     306.0,
0.0);
( 473936.6, 3770818.4,     306.0,     306.0,      0.0);        ( 473953.7, 3770819.5,     306.1,     306.1,
0.0);
( 473980.3, 3770820.1,     307.0,     307.0,      0.0);        ( 473977.2, 3770844.2,     306.9,     306.9,
0.0);
( 473894.5, 3770747.9,     306.0,     306.0,      0.0);        ( 474160.0, 3771050.4,     308.0,     308.0,
0.0);
( 474098.7, 3771051.6,     308.0,     308.0,      0.0);        ( 473986.2, 3771056.2,     307.2,     307.2,
0.0);
( 473957.9, 3771059.3,     307.0,     307.0,      0.0);        ( 473899.3, 3771055.4,     306.8,     306.8,
0.0);
( 473874.1, 3771056.2,     306.3,     306.3,      0.0);        ( 473855.1, 3771059.7,     306.0,     306.0,
0.0);
( 473831.5, 3771057.8,     306.0,     306.0,      0.0);        ( 473789.7, 3771054.7,     306.0,     306.0,
0.0);
( 474334.1, 3769878.6,     306.0,     306.0,      0.0);
```

```
♀ *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\GWS\HRA\RES\RES.isc                            ***
    03/27/17
 *** AERMET - VERSION  14134 ***   ***                                                                     ***
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   PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

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

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


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

                                                      1.54,   3.09,   5.14,   8.23,  10.80,
♀ *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\GWS\HRA\RES\RES.isc                            ***
    03/27/17
 *** AERMET - VERSION  14134 ***   ***                                                                     ***
   13:53:17

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

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

Surface file: ..\..\snbo8.sfc Met Version: 14134
Profile file: ..\..\snbo8.PFL
Surface format: FREE

Profile format: FREE

Surface station no.: 0 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2007 Year: 2007

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
07	01	01	1	01	-0.5	0.030	-9.000	-9.000	-999.	12.	4.4	0.32	1.00	1.00	0.50	27.	9.1	279.9	5.5
07	01	01	1	02	-0.5	0.030	-9.000	-9.000	-999.	12.	4.3	0.32	1.00	1.00	0.50	7.	9.1	279.2	5.5
07	01	01	1	03	-0.5	0.030	-9.000	-9.000	-999.	12.	4.3	0.32	1.00	1.00	0.50	97.	9.1	278.8	5.5
07	01	01	1	04	-0.7	0.030	-9.000	-9.000	-999.	12.	3.1	0.32	1.00	1.00	0.50	148.	9.1	278.1	5.5
07	01	01	1	05	-2.4	0.054	-9.000	-9.000	-999.	30.	5.5	0.32	1.00	1.00	0.90	87.	9.1	278.1	5.5
07	01	01	1	06	-1.7	0.054	-9.000	-9.000	-999.	30.	7.8	0.32	1.00	1.00	0.90	208.	9.1	277.0	5.5
07	01	01	1	07	-1.7	0.054	-9.000	-9.000	-999.	30.	7.8	0.32	1.00	1.00	0.90	156.	9.1	277.5	5.5
07	01	01	1	08	-1.7	0.054	-9.000	-9.000	-999.	30.	7.8	0.32	1.00	0.52	0.90	60.	9.1	277.5	5.5
07	01	01	1	09	34.6	0.390	0.621	0.005	241.	585.	-149.6	0.32	1.00	0.31	3.10	264.	9.1	282.5	5.5
07	01	01	1	10	78.0	0.267	1.066	0.005	541.	341.	-21.3	0.32	1.00	0.24	1.80	242.	9.1	289.2	5.5
07	01	01	1	11	112.9	0.612	1.395	0.019	839.	1149.	-176.9	0.32	1.00	0.21	4.90	82.	9.1	290.4	5.5
07	01	01	1	12	130.3	0.615	1.611	0.020	1120.	1158.	-155.8	0.32	1.00	0.20	4.90	74.	9.1	290.9	5.5
07	01	01	1	13	128.2	0.671	1.662	0.015	1250.	1315.	-204.9	0.32	1.00	0.20	5.40	59.	9.1	290.9	5.5
07	01	01	1	14	107.5	0.712	1.575	0.007	1267.	1439.	-292.1	0.32	1.00	0.22	5.80	58.	9.1	291.4	5.5
07	01	01	1	15	68.1	0.602	1.356	0.021	1277.	1137.	-279.3	0.32	1.00	0.25	4.90	40.	9.1	291.4	5.5
07	01	01	1	16	18.1	0.438	0.872	0.021	1278.	724.	-405.7	0.32	1.00	0.34	3.60	312.	9.1	292.0	5.5
07	01	01	1	17	-25.8	0.263	-9.000	-9.000	-999.	353.	61.6	0.32	1.00	0.63	2.70	342.	9.1	290.9	5.5
07	01	01	1	18	-4.9	0.077	-9.000	-9.000	-999.	114.	8.1	0.32	1.00	1.00	1.30	256.	9.1	289.2	5.5
07	01	01	1	19	-4.9	0.077	-9.000	-9.000	-999.	52.	8.1	0.32	1.00	1.00	1.30	191.	9.1	289.9	5.5
07	01	01	1	20	-4.9	0.077	-9.000	-9.000	-999.	52.	8.1	0.32	1.00	1.00	1.30	197.	9.1	289.9	5.5
07	01	01	1	21	-4.9	0.077	-9.000	-9.000	-999.	52.	8.1	0.32	1.00	1.00	1.30	190.	9.1	289.9	5.5
07	01	01	1	22	-2.4	0.054	-9.000	-9.000	-999.	30.	5.6	0.32	1.00	1.00	0.90	188.	9.1	289.2	5.5
07	01	01	1	23	-9.5	0.107	-9.000	-9.000	-999.	84.	11.3	0.32	1.00	1.00	1.80	162.	9.1	289.9	5.5
07	01	01	1	24	-9.5	0.107	-9.000	-9.000	-999.	84.	11.3	0.32	1.00	1.00	1.80	42.	9.1	289.2	5.5

 First hour of profile data
 YR MO DY HR HEIGHT F WDIR   WSPD AMB_TMP sigmaA sigmaW sigmaV
 07 01 01 01   5.5 0 -999. -99.00   279.9   99.0 -99.00 -99.00
 07 01 01 01   9.1 1   27.   0.50 -999.0   99.0 -99.00 -99.00

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
 ***
                                INCLUDING SOURCE(S):   L0007141   , L0007142   , L0007143   , L0007144   ,
L0007145   ,
                L0007146   , L0007147   , L0007148   , L0007149   , L0007150   , L0007151   , L0007152   ,
L0007153   ,
                L0007154   , L0007155   , L0007156   , L0007157   , L0007158   , L0007159   , L0007160   ,
L0007161   ,
                L0007162   , L0007163   , L0007164   , L0007165   , L0007166   , L0007167   , L0007168   ,
. . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 -
- - - - - - - -
        473813.12   3770772.61   0.00424   473890.79   3770715.17   0.00316

        474193.26   3770710.36   0.00209   474201.58   3769929.23   0.00240

        474212.74   3769863.31   0.00222   473821.34   3770863.41   0.00394

        473828.34   3770923.21   0.00455   473820.10   3770903.76   0.00443

        473915.85   3770821.48   0.00252   473860.92   3770813.63   0.00313

        473936.59   3770818.40   0.00238   473953.68   3770819.52   0.00227

        473980.31   3770820.08   0.00214   473977.22   3770844.18   0.00207

        473894.46   3770747.92   0.00297   474160.03   3771050.40   0.00136

        474098.74   3771051.57   0.00143   473986.24   3771056.22   0.00162

        473957.92   3771059.33   0.00170   473899.34   3771055.45   0.00210

        473874.13   3771056.22   0.00232   473855.12   3771059.71   0.00249

        473831.46   3771057.77   0.00294   473789.74   3771054.71   0.00379

        474334.10   3769878.59   0.00236

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00455 AT (473828.34, 3770923.21, 306.00, 306.00, 0.00)	DC
	2ND HIGHEST VALUE IS	0.00443 AT (473820.10, 3770903.76, 306.00, 306.00, 0.00)	DC
	3RD HIGHEST VALUE IS	0.00424 AT (473813.12, 3770772.61, 305.39, 305.39, 0.00)	DC
	4TH HIGHEST VALUE IS	0.00394 AT (473821.34, 3770863.41, 306.00, 306.00, 0.00)	DC
	5TH HIGHEST VALUE IS	0.00379 AT (473789.74, 3771054.71, 306.00, 306.00, 0.00)	DC
	6TH HIGHEST VALUE IS	0.00316 AT (473890.79, 3770715.17, 306.00, 306.00, 0.00)	DC
	7TH HIGHEST VALUE IS	0.00313 AT (473860.92, 3770813.63, 306.00, 306.00, 0.00)	DC
	8TH HIGHEST VALUE IS	0.00297 AT (473894.46, 3770747.92, 306.00, 306.00, 0.00)	DC
	9TH HIGHEST VALUE IS	0.00294 AT (473831.46, 3771057.77, 306.00, 306.00, 0.00)	DC
	10TH HIGHEST VALUE IS	0.00252 AT (473915.85, 3770821.48, 306.00, 306.00, 0.00)	DC

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

♀ *** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\GWS\HRA\RES\RES.isc ***
03/27/17
*** AERMET - VERSION 14134 *** *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 1086 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 37 Calm Hours Identified

A Total of 1049 Missing Hours Identified (2.39 Percent)

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

******** WARNING MESSAGES ********
*** NONE ***

```
    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.3.0
** Lakes Environmental Software Inc.
** Date: 3/29/2017
** File: C:\Lakes\AERMOD View\GWS\HRA\Worker\Worker.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\GWS\HRA\Worker\Worker.isc
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 2015355
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Worker.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 North Side
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 0.00005742
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
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** 474171.980, 3770463.552, 306.00, 4.00, 3.95
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   LOCATION L0008259     VOLUME   473731.743 3770425.947 302.50
   LOCATION L0008260     VOLUME   473740.212 3770426.670 302.66
   LOCATION L0008261     VOLUME   473748.681 3770427.394 302.74
   LOCATION L0008262     VOLUME   473757.150 3770428.117 302.84
   LOCATION L0008263     VOLUME   473765.619 3770428.840 302.94
   LOCATION L0008264     VOLUME   473774.089 3770429.564 303.14
   LOCATION L0008265     VOLUME   473782.558 3770430.287 303.43
   LOCATION L0008266     VOLUME   473791.027 3770431.011 303.71
   LOCATION L0008267     VOLUME   473799.496 3770431.734 303.99
   LOCATION L0008268     VOLUME   473807.965 3770432.458 304.27
   LOCATION L0008269     VOLUME   473816.434 3770433.181 304.56
   LOCATION L0008270     VOLUME   473824.904 3770433.904 304.84
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   LOCATION L0008272     VOLUME   473841.842 3770435.351 305.00
   LOCATION L0008273     VOLUME   473850.311 3770436.075 305.00
   LOCATION L0008274     VOLUME   473858.780 3770436.798 305.00
   LOCATION L0008275     VOLUME   473867.249 3770437.522 305.00
   LOCATION L0008276     VOLUME   473875.719 3770438.245 305.00
   LOCATION L0008277     VOLUME   473884.188 3770438.968 305.00
   LOCATION L0008278     VOLUME   473892.657 3770439.692 305.00
   LOCATION L0008279     VOLUME   473901.126 3770440.415 305.00
   LOCATION L0008280     VOLUME   473909.595 3770441.139 305.00
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   LOCATION L0008283     VOLUME   473935.003 3770443.309 305.00
   LOCATION L0008284     VOLUME   473943.472 3770444.033 305.00
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   LOCATION L0008295     VOLUME   474036.633 3770451.990 306.00
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   LOCATION L0008303     VOLUME   474104.386 3770457.778 306.00
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   LOCATION L0008306     VOLUME   474129.793 3770459.948 306.00
   LOCATION L0008307     VOLUME   474138.262 3770460.671 306.00
   LOCATION L0008308     VOLUME   474146.732 3770461.395 306.00
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** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC On-Site Idling South Side
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 0.00005742
** Vertical Dimension = 4.00
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** Nodes = 2
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   LOCATION L0008313     VOLUME   473740.879 3770198.532 301.74
   LOCATION L0008314     VOLUME   473749.348 3770199.255 301.76
   LOCATION L0008315     VOLUME   473757.817 3770199.979 301.79
   LOCATION L0008316     VOLUME   473766.287 3770200.702 301.81
   LOCATION L0008317     VOLUME   473774.756 3770201.426 301.86
   LOCATION L0008318     VOLUME   473783.225 3770202.149 301.92
   LOCATION L0008319     VOLUME   473791.694 3770202.873 301.97
   LOCATION L0008320     VOLUME   473800.163 3770203.596 302.01
   LOCATION L0008321     VOLUME   473808.632 3770204.319 302.30
   LOCATION L0008322     VOLUME   473817.101 3770205.043 302.58
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   LOCATION L0008325     VOLUME   473842.509 3770207.213 303.00
   LOCATION L0008326     VOLUME   473850.978 3770207.937 303.00
   LOCATION L0008327     VOLUME   473859.447 3770208.660 303.00
   LOCATION L0008328     VOLUME   473867.916 3770209.383 303.03
   LOCATION L0008329     VOLUME   473876.386 3770210.107 303.07
   LOCATION L0008330     VOLUME   473884.855 3770210.830 303.12
   LOCATION L0008331     VOLUME   473893.324 3770211.554 303.17
   LOCATION L0008332     VOLUME   473901.793 3770212.277 303.20
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   LOCATION L0008334     VOLUME   473918.731 3770213.724 303.24
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   LOCATION L0008337     VOLUME   473944.139 3770215.894 303.87
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   LOCATION L0008339     VOLUME   473961.077 3770217.341 303.76
   LOCATION L0008340     VOLUME   473969.546 3770218.065 303.60
   LOCATION L0008341     VOLUME   473978.015 3770218.788 303.45
   LOCATION L0008342     VOLUME   473986.485 3770219.512 303.34
   LOCATION L0008343     VOLUME   473994.954 3770220.235 303.23
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   LOCATION L0008349     VOLUME   474045.769 3770224.576 304.21
   LOCATION L0008350     VOLUME   474054.238 3770225.299 304.26
   LOCATION L0008351     VOLUME   474062.707 3770226.022 304.31
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   LOCATION L0008353     VOLUME   474079.645 3770227.469 304.60
   LOCATION L0008354     VOLUME   474088.115 3770228.193 304.79
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   LOCATION L0008358     VOLUME   474121.991 3770231.086 305.00
   LOCATION L0008359     VOLUME   474130.460 3770231.810 305.00
   LOCATION L0008360     VOLUME   474138.930 3770232.533 305.00
   LOCATION L0008361     VOLUME   474147.399 3770233.257 305.00
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** End of LINE VOLUME Source ID = SLINE2
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** LINE VOLUME Source ID = SLINE3
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** Configuration = Adjacent
** Emission Rate = 0.0001696
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** 473729.650, 3770582.587, 302.49, 0.00, 1.86
** 473695.487, 3770576.124, 302.00, 0.00, 1.86
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LOCATION	L0008530	VOLUME	473687.178 3770386.707	302.24
LOCATION	L0008531	VOLUME	473686.941 3770382.714	302.33
LOCATION	L0008532	VOLUME	473686.704 3770378.721	302.43
LOCATION	L0008533	VOLUME	473686.466 3770374.728	302.53
LOCATION	L0008534	VOLUME	473686.300 3770370.737	302.63
LOCATION	L0008535	VOLUME	473686.756 3770366.763	302.73
LOCATION	L0008536	VOLUME	473687.211 3770362.789	302.84
LOCATION	L0008537	VOLUME	473687.667 3770358.815	302.94
LOCATION	L0008538	VOLUME	473688.123 3770354.841	303.00
LOCATION	L0008539	VOLUME	473688.579 3770350.867	303.00
LOCATION	L0008540	VOLUME	473689.034 3770346.894	303.00
LOCATION	L0008541	VOLUME	473689.490 3770342.920	303.00
LOCATION	L0008542	VOLUME	473689.946 3770338.946	303.00
LOCATION	L0008543	VOLUME	473690.402 3770334.972	303.00
LOCATION	L0008544	VOLUME	473690.857 3770330.998	303.00
LOCATION	L0008545	VOLUME	473691.313 3770327.024	303.00
LOCATION	L0008546	VOLUME	473691.769 3770323.050	303.00
LOCATION	L0008547	VOLUME	473692.225 3770319.076	303.00
LOCATION	L0008548	VOLUME	473692.680 3770315.102	303.00
LOCATION	L0008549	VOLUME	473693.136 3770311.128	303.00
LOCATION	L0008550	VOLUME	473693.592 3770307.154	303.00
LOCATION	L0008551	VOLUME	473694.047 3770303.180	303.00
LOCATION	L0008552	VOLUME	473694.503 3770299.206	303.00
LOCATION	L0008553	VOLUME	473694.959 3770295.232	302.96
LOCATION	L0008554	VOLUME	473695.415 3770291.258	302.83
LOCATION	L0008555	VOLUME	473695.870 3770287.284	302.70
LOCATION	L0008556	VOLUME	473696.326 3770283.310	302.56
LOCATION	L0008557	VOLUME	473696.782 3770279.336	302.43
LOCATION	L0008558	VOLUME	473697.238 3770275.362	302.30
LOCATION	L0008559	VOLUME	473697.693 3770271.388	302.17
LOCATION	L0008560	VOLUME	473698.149 3770267.414	302.03
LOCATION	L0008561	VOLUME	473698.605 3770263.441	302.00
LOCATION	L0008562	VOLUME	473699.060 3770259.467	302.00
LOCATION	L0008563	VOLUME	473699.516 3770255.493	302.00

				RES
LOCATION	L0008564	VOLUME	473699.972 3770251.519	302.00
LOCATION	L0008565	VOLUME	473700.428 3770247.545	302.00
LOCATION	L0008566	VOLUME	473700.883 3770243.571	302.00
LOCATION	L0008567	VOLUME	473701.339 3770239.597	302.00
LOCATION	L0008568	VOLUME	473701.795 3770235.623	301.99
LOCATION	L0008569	VOLUME	473702.251 3770231.649	301.96
LOCATION	L0008570	VOLUME	473702.706 3770227.675	301.93
LOCATION	L0008571	VOLUME	473703.162 3770223.701	301.91
LOCATION	L0008572	VOLUME	473703.618 3770219.727	301.89
LOCATION	L0008573	VOLUME	473704.073 3770215.753	301.87
LOCATION	L0008574	VOLUME	473704.529 3770211.779	301.86
LOCATION	L0008575	VOLUME	473704.985 3770207.805	301.85
LOCATION	L0008576	VOLUME	473705.441 3770203.831	301.70
LOCATION	L0008577	VOLUME	473705.896 3770199.857	301.46
LOCATION	L0008578	VOLUME	473706.352 3770195.883	301.23
LOCATION	L0008579	VOLUME	473706.808 3770191.909	300.98
LOCATION	L0008580	VOLUME	473707.264 3770187.935	300.74
LOCATION	L0008581	VOLUME	473707.719 3770183.961	300.49
LOCATION	L0008582	VOLUME	473708.175 3770179.987	300.23
LOCATION	L0008583	VOLUME	473708.631 3770176.014	300.00
LOCATION	L0008584	VOLUME	473709.086 3770172.040	300.00
LOCATION	L0008585	VOLUME	473711.131 3770170.045	300.04
LOCATION	L0008586	VOLUME	473715.109 3770170.459	300.14
LOCATION	L0008587	VOLUME	473719.088 3770170.873	300.25
LOCATION	L0008588	VOLUME	473723.066 3770171.288	300.37
LOCATION	L0008589	VOLUME	473727.045 3770171.702	300.49
LOCATION	L0008590	VOLUME	473731.023 3770172.116	300.61
LOCATION	L0008591	VOLUME	473735.002 3770172.530	300.73
LOCATION	L0008592	VOLUME	473738.980 3770172.945	300.86
LOCATION	L0008593	VOLUME	473742.959 3770173.359	300.91
LOCATION	L0008594	VOLUME	473746.937 3770173.773	300.93
LOCATION	L0008595	VOLUME	473750.916 3770174.187	300.95
LOCATION	L0008596	VOLUME	473754.894 3770174.602	300.97
LOCATION	L0008597	VOLUME	473758.873 3770175.016	300.98
LOCATION	L0008598	VOLUME	473762.851 3770175.430	300.99
LOCATION	L0008599	VOLUME	473766.830 3770175.844	301.00
LOCATION	L0008600	VOLUME	473770.808 3770176.259	301.04
LOCATION	L0008601	VOLUME	473774.787 3770176.673	301.18
LOCATION	L0008602	VOLUME	473778.765 3770177.087	301.32
LOCATION	L0008603	VOLUME	473782.744 3770177.501	301.45
LOCATION	L0008604	VOLUME	473786.722 3770177.916	301.59
LOCATION	L0008605	VOLUME	473790.701 3770178.330	301.72
LOCATION	L0008606	VOLUME	473794.679 3770178.744	301.84
LOCATION	L0008607	VOLUME	473798.658 3770179.159	301.97
LOCATION	L0008608	VOLUME	473802.636 3770179.573	302.10
LOCATION	L0008609	VOLUME	473806.615 3770179.987	302.23
LOCATION	L0008610	VOLUME	473810.593 3770180.401	302.36
LOCATION	L0008611	VOLUME	473814.572 3770180.816	302.49
LOCATION	L0008612	VOLUME	473818.550 3770181.230	302.63
LOCATION	L0008613	VOLUME	473822.529 3770181.644	302.76
LOCATION	L0008614	VOLUME	473826.507 3770182.058	302.89
LOCATION	L0008615	VOLUME	473830.486 3770182.473	303.00
LOCATION	L0008616	VOLUME	473834.464 3770182.887	303.00
LOCATION	L0008617	VOLUME	473838.443 3770183.301	303.00
LOCATION	L0008618	VOLUME	473842.421 3770183.715	303.00
LOCATION	L0008619	VOLUME	473846.400 3770184.130	303.00
LOCATION	L0008620	VOLUME	473850.378 3770184.544	303.00
LOCATION	L0008621	VOLUME	473854.357 3770184.958	303.00
LOCATION	L0008622	VOLUME	473858.335 3770185.372	303.00
LOCATION	L0008623	VOLUME	473862.314 3770185.787	303.00
LOCATION	L0008624	VOLUME	473866.292 3770186.201	303.00
LOCATION	L0008625	VOLUME	473870.271 3770186.615	303.00
LOCATION	L0008626	VOLUME	473874.249 3770187.030	303.00
LOCATION	L0008627	VOLUME	473878.228 3770187.444	303.00
LOCATION	L0008628	VOLUME	473882.206 3770187.858	303.00
LOCATION	L0008629	VOLUME	473886.185 3770188.272	303.00
LOCATION	L0008630	VOLUME	473890.163 3770188.687	303.00

				RES
LOCATION	L0008631	VOLUME	473894.142 3770189.101	303.00
LOCATION	L0008632	VOLUME	473898.120 3770189.515	303.00
LOCATION	L0008633	VOLUME	473902.099 3770189.929	303.00
LOCATION	L0008634	VOLUME	473906.077 3770190.344	303.00
LOCATION	L0008635	VOLUME	473910.056 3770190.758	303.00
LOCATION	L0008636	VOLUME	473914.034 3770191.172	303.00
LOCATION	L0008637	VOLUME	473918.013 3770191.586	303.00
LOCATION	L0008638	VOLUME	473921.991 3770192.001	303.04
LOCATION	L0008639	VOLUME	473925.969 3770192.415	303.11
LOCATION	L0008640	VOLUME	473929.948 3770192.829	303.19
LOCATION	L0008641	VOLUME	473933.926 3770193.243	303.27
LOCATION	L0008642	VOLUME	473937.905 3770193.658	303.35
LOCATION	L0008643	VOLUME	473941.883 3770194.072	303.44
LOCATION	L0008644	VOLUME	473945.862 3770194.486	303.53
LOCATION	L0008645	VOLUME	473949.840 3770194.901	303.62
LOCATION	L0008646	VOLUME	473953.819 3770195.315	303.55
LOCATION	L0008647	VOLUME	473957.797 3770195.729	303.47
LOCATION	L0008648	VOLUME	473961.776 3770196.143	303.39
LOCATION	L0008649	VOLUME	473965.754 3770196.558	303.31
LOCATION	L0008650	VOLUME	473969.733 3770196.972	303.23
LOCATION	L0008651	VOLUME	473973.711 3770197.386	303.14
LOCATION	L0008652	VOLUME	473977.690 3770197.800	303.05
LOCATION	L0008653	VOLUME	473981.668 3770198.215	303.00
LOCATION	L0008654	VOLUME	473985.647 3770198.629	303.00
LOCATION	L0008655	VOLUME	473989.625 3770199.043	303.00
LOCATION	L0008656	VOLUME	473993.604 3770199.457	303.00
LOCATION	L0008657	VOLUME	473997.582 3770199.872	303.00
LOCATION	L0008658	VOLUME	474001.561 3770200.286	303.00
LOCATION	L0008659	VOLUME	474005.539 3770200.700	303.00
LOCATION	L0008660	VOLUME	474009.518 3770201.114	303.00
LOCATION	L0008661	VOLUME	474013.496 3770201.529	303.00
LOCATION	L0008662	VOLUME	474017.475 3770201.943	303.00
LOCATION	L0008663	VOLUME	474021.453 3770202.357	303.00
LOCATION	L0008664	VOLUME	474025.432 3770202.772	303.00
LOCATION	L0008665	VOLUME	474029.410 3770203.186	303.00
LOCATION	L0008666	VOLUME	474033.389 3770203.600	303.00
LOCATION	L0008667	VOLUME	474037.367 3770204.014	303.00
LOCATION	L0008668	VOLUME	474041.346 3770204.429	303.00
LOCATION	L0008669	VOLUME	474045.324 3770204.843	303.00
LOCATION	L0008670	VOLUME	474049.303 3770205.257	303.00
LOCATION	L0008671	VOLUME	474053.281 3770205.671	303.00
LOCATION	L0008672	VOLUME	474057.260 3770206.086	303.00
LOCATION	L0008673	VOLUME	474061.238 3770206.500	303.01
LOCATION	L0008674	VOLUME	474065.217 3770206.914	303.04
LOCATION	L0008675	VOLUME	474069.195 3770207.328	303.06
LOCATION	L0008676	VOLUME	474073.174 3770207.743	303.31
LOCATION	L0008677	VOLUME	474077.152 3770208.157	303.58
LOCATION	L0008678	VOLUME	474081.131 3770208.571	303.85
LOCATION	L0008679	VOLUME	474085.109 3770208.985	304.11
LOCATION	L0008680	VOLUME	474089.088 3770209.400	304.36
LOCATION	L0008681	VOLUME	474093.066 3770209.814	304.61
LOCATION	L0008682	VOLUME	474097.045 3770210.228	304.84
LOCATION	L0008683	VOLUME	474101.023 3770210.643	305.00
LOCATION	L0008684	VOLUME	474105.002 3770211.057	305.00
LOCATION	L0008685	VOLUME	474108.980 3770211.471	305.00
LOCATION	L0008686	VOLUME	474112.959 3770211.885	305.00
LOCATION	L0008687	VOLUME	474116.937 3770212.300	305.00
LOCATION	L0008688	VOLUME	474120.916 3770212.714	305.00
LOCATION	L0008689	VOLUME	474124.894 3770213.128	305.00
LOCATION	L0008690	VOLUME	474128.872 3770213.542	305.00
LOCATION	L0008691	VOLUME	474132.851 3770213.957	305.00
LOCATION	L0008692	VOLUME	474136.829 3770214.371	305.00
LOCATION	L0008693	VOLUME	474140.808 3770214.785	305.00
LOCATION	L0008694	VOLUME	474144.786 3770215.199	305.00
LOCATION	L0008695	VOLUME	474148.765 3770215.614	305.00
LOCATION	L0008696	VOLUME	474152.743 3770216.028	305.00
LOCATION	L0008697	VOLUME	474156.722 3770216.442	305.00

				RES
LOCATION	L0008698	VOLUME	474160.700 3770216.856	305.00
LOCATION	L0008699	VOLUME	474164.679 3770217.271	305.00
LOCATION	L0008700	VOLUME	474168.657 3770217.685	305.00
LOCATION	L0008701	VOLUME	474172.636 3770218.099	305.00
LOCATION	L0008702	VOLUME	474176.614 3770218.514	305.00
LOCATION	L0008703	VOLUME	474180.561 3770219.107	305.00
LOCATION	L0008704	VOLUME	474184.442 3770220.077	305.00
LOCATION	L0008705	VOLUME	474188.322 3770221.047	305.00
LOCATION	L0008706	VOLUME	474192.203 3770222.017	305.00
LOCATION	L0008707	VOLUME	474196.084 3770222.987	305.00
LOCATION	L0008708	VOLUME	474199.964 3770223.957	305.00
LOCATION	L0008709	VOLUME	474203.845 3770224.928	305.00
LOCATION	L0008710	VOLUME	474207.725 3770225.898	305.00
LOCATION	L0008711	VOLUME	474211.606 3770226.868	305.00
LOCATION	L0008712	VOLUME	474215.486 3770227.838	305.00
LOCATION	L0008713	VOLUME	474219.367 3770228.808	305.00
LOCATION	L0008714	VOLUME	474222.900 3770230.643	305.00
LOCATION	L0008715	VOLUME	474226.373 3770232.628	305.00
LOCATION	L0008716	VOLUME	474229.846 3770234.612	305.00
LOCATION	L0008717	VOLUME	474232.976 3770236.848	305.00
LOCATION	L0008718	VOLUME	474233.826 3770240.757	305.00
LOCATION	L0008719	VOLUME	474234.676 3770244.666	305.00
LOCATION	L0008720	VOLUME	474235.526 3770248.574	305.00
LOCATION	L0008721	VOLUME	474236.375 3770252.483	305.00
LOCATION	L0008722	VOLUME	474237.225 3770256.392	305.00
LOCATION	L0008723	VOLUME	474237.231 3770260.353	305.00
LOCATION	L0008724	VOLUME	474236.870 3770264.336	305.00
LOCATION	L0008725	VOLUME	474236.509 3770268.320	305.00
LOCATION	L0008726	VOLUME	474236.149 3770272.304	305.00
LOCATION	L0008727	VOLUME	474235.788 3770276.288	305.00
LOCATION	L0008728	VOLUME	474235.427 3770280.271	305.00
LOCATION	L0008729	VOLUME	474235.067 3770284.255	305.00
LOCATION	L0008730	VOLUME	474234.706 3770288.239	305.00
LOCATION	L0008731	VOLUME	474234.345 3770292.222	305.00
LOCATION	L0008732	VOLUME	474233.985 3770296.206	305.00
LOCATION	L0008733	VOLUME	474233.624 3770300.190	305.00
LOCATION	L0008734	VOLUME	474233.263 3770304.174	305.00
LOCATION	L0008735	VOLUME	474232.903 3770308.157	305.00
LOCATION	L0008736	VOLUME	474232.542 3770312.141	305.00
LOCATION	L0008737	VOLUME	474232.181 3770316.125	305.00
LOCATION	L0008738	VOLUME	474231.821 3770320.108	305.00
LOCATION	L0008739	VOLUME	474231.460 3770324.092	305.00
LOCATION	L0008740	VOLUME	474231.099 3770328.076	305.02
LOCATION	L0008741	VOLUME	474230.739 3770332.059	305.07
LOCATION	L0008742	VOLUME	474230.378 3770336.043	305.11
LOCATION	L0008743	VOLUME	474230.017 3770340.027	305.16
LOCATION	L0008744	VOLUME	474229.657 3770344.011	305.19
LOCATION	L0008745	VOLUME	474229.296 3770347.994	305.23
LOCATION	L0008746	VOLUME	474228.935 3770351.978	305.26
LOCATION	L0008747	VOLUME	474228.575 3770355.962	305.29
LOCATION	L0008748	VOLUME	474228.214 3770359.945	305.28
LOCATION	L0008749	VOLUME	474227.853 3770363.929	305.27
LOCATION	L0008750	VOLUME	474227.493 3770367.913	305.26
LOCATION	L0008751	VOLUME	474227.132 3770371.897	305.25
LOCATION	L0008752	VOLUME	474226.771 3770375.880	305.23
LOCATION	L0008753	VOLUME	474226.411 3770379.864	305.22
LOCATION	L0008754	VOLUME	474226.050 3770383.848	305.21
LOCATION	L0008755	VOLUME	474225.689 3770387.831	305.24
LOCATION	L0008756	VOLUME	474225.329 3770391.815	305.33
LOCATION	L0008757	VOLUME	474224.968 3770395.799	305.43
LOCATION	L0008758	VOLUME	474224.607 3770399.782	305.54
LOCATION	L0008759	VOLUME	474224.247 3770403.766	305.64
LOCATION	L0008760	VOLUME	474223.886 3770407.750	305.75
LOCATION	L0008761	VOLUME	474223.525 3770411.734	305.86
LOCATION	L0008762	VOLUME	474223.165 3770415.717	305.98
LOCATION	L0008763	VOLUME	474222.804 3770419.701	306.00
LOCATION	L0008764	VOLUME	474222.443 3770423.685	306.00

                                                    RES
   LOCATION L0008765   VOLUME   474222.083 3770427.668 306.00
   LOCATION L0008766   VOLUME   474221.722 3770431.652 306.00
   LOCATION L0008767   VOLUME   474221.361 3770435.636 306.00
   LOCATION L0008768   VOLUME   474221.001 3770439.620 306.00
   LOCATION L0008769   VOLUME   474220.640 3770443.603 306.00
   LOCATION L0008770   VOLUME   474220.279 3770447.587 306.00
   LOCATION L0008771   VOLUME   474219.919 3770451.571 306.00
   LOCATION L0008772   VOLUME   474219.558 3770455.554 306.00
   LOCATION L0008773   VOLUME   474219.197 3770459.538 306.00
   LOCATION L0008774   VOLUME   474218.837 3770463.522 306.00
   LOCATION L0008775   VOLUME   474218.476 3770467.505 306.00
   LOCATION L0008776   VOLUME   474218.115 3770471.489 306.00
   LOCATION L0008777   VOLUME   474217.755 3770475.473 306.00
   LOCATION L0008778   VOLUME   474217.394 3770479.457 306.00
** End of LINE VOLUME Source ID = SLINE3
** --
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC 40% to I-215 at Auto Center Road
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 0.00002896
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 8
** 473811.561, 3770949.801, 306.00, 4.00, 3.95
** 473812.129, 3771031.479, 306.00, 4.00, 3.95
** 473350.420, 3771027.508, 302.10, 4.00, 3.95
** 473110.057, 3771022.961, 301.00, 4.00, 3.95
** 472874.515, 3771019.555, 299.97, 4.00, 3.95
** 472823.289, 3771000.738, 300.00, 4.00, 3.95
** 472737.564, 3770939.406, 302.04, 4.00, 3.95
** 472572.432, 3770782.217, 298.00, 4.00, 3.95
** --
   LOCATION L0008779   VOLUME   473811.591 3770954.051 306.00
   LOCATION L0008780   VOLUME   473811.650 3770962.550 306.00
   LOCATION L0008781   VOLUME   473811.709 3770971.050 306.00
   LOCATION L0008782   VOLUME   473811.768 3770979.550 306.00
   LOCATION L0008783   VOLUME   473811.827 3770988.050 306.00
   LOCATION L0008784   VOLUME   473811.886 3770996.550 306.00
   LOCATION L0008785   VOLUME   473811.945 3771005.049 306.00
   LOCATION L0008786   VOLUME   473812.004 3771013.549 306.00
   LOCATION L0008787   VOLUME   473812.063 3771022.049 306.00
   LOCATION L0008788   VOLUME   473812.122 3771030.549 306.00
   LOCATION L0008789   VOLUME   473804.559 3771031.414 306.00
   LOCATION L0008790   VOLUME   473796.059 3771031.341 306.00
   LOCATION L0008791   VOLUME   473787.560 3771031.268 306.00
   LOCATION L0008792   VOLUME   473779.060 3771031.195 306.00
   LOCATION L0008793   VOLUME   473770.560 3771031.121 306.00
   LOCATION L0008794   VOLUME   473762.061 3771031.048 305.74
   LOCATION L0008795   VOLUME   473753.561 3771030.975 305.46
   LOCATION L0008796   VOLUME   473745.061 3771030.902 305.18
   LOCATION L0008797   VOLUME   473736.562 3771030.829 305.00
   LOCATION L0008798   VOLUME   473728.062 3771030.756 305.00
   LOCATION L0008799   VOLUME   473719.562 3771030.683 305.00
   LOCATION L0008800   VOLUME   473711.063 3771030.610 305.00
   LOCATION L0008801   VOLUME   473702.563 3771030.537 305.00
   LOCATION L0008802   VOLUME   473694.063 3771030.464 305.00
   LOCATION L0008803   VOLUME   473685.564 3771030.391 305.00
   LOCATION L0008804   VOLUME   473677.064 3771030.317 305.00
   LOCATION L0008805   VOLUME   473668.564 3771030.244 305.00
   LOCATION L0008806   VOLUME   473660.064 3771030.171 305.00
   LOCATION L0008807   VOLUME   473651.565 3771030.098 305.00
   LOCATION L0008808   VOLUME   473643.065 3771030.025 304.78
   LOCATION L0008809   VOLUME   473634.565 3771029.952 304.49
   LOCATION L0008810   VOLUME   473626.066 3771029.879 304.21

				RES
LOCATION	L0008811	VOLUME	473617.566	3771029.806 304.00
LOCATION	L0008812	VOLUME	473609.066	3771029.733 304.00
LOCATION	L0008813	VOLUME	473600.567	3771029.660 304.00
LOCATION	L0008814	VOLUME	473592.067	3771029.587 304.00
LOCATION	L0008815	VOLUME	473583.567	3771029.513 304.00
LOCATION	L0008816	VOLUME	473575.068	3771029.440 304.00
LOCATION	L0008817	VOLUME	473566.568	3771029.367 304.00
LOCATION	L0008818	VOLUME	473558.068	3771029.294 304.00
LOCATION	L0008819	VOLUME	473549.569	3771029.221 304.00
LOCATION	L0008820	VOLUME	473541.069	3771029.148 304.00
LOCATION	L0008821	VOLUME	473532.569	3771029.075 304.00
LOCATION	L0008822	VOLUME	473524.069	3771029.002 303.89
LOCATION	L0008823	VOLUME	473515.570	3771028.929 303.73
LOCATION	L0008824	VOLUME	473507.070	3771028.856 303.56
LOCATION	L0008825	VOLUME	473498.570	3771028.782 303.40
LOCATION	L0008826	VOLUME	473490.071	3771028.709 303.28
LOCATION	L0008827	VOLUME	473481.571	3771028.636 303.16
LOCATION	L0008828	VOLUME	473473.071	3771028.563 303.04
LOCATION	L0008829	VOLUME	473464.572	3771028.490 303.00
LOCATION	L0008830	VOLUME	473456.072	3771028.417 303.00
LOCATION	L0008831	VOLUME	473447.572	3771028.344 303.00
LOCATION	L0008832	VOLUME	473439.073	3771028.271 303.00
LOCATION	L0008833	VOLUME	473430.573	3771028.198 303.00
LOCATION	L0008834	VOLUME	473422.073	3771028.125 303.00
LOCATION	L0008835	VOLUME	473413.574	3771028.052 303.00
LOCATION	L0008836	VOLUME	473405.074	3771027.978 303.00
LOCATION	L0008837	VOLUME	473396.574	3771027.905 303.00
LOCATION	L0008838	VOLUME	473388.075	3771027.832 303.00
LOCATION	L0008839	VOLUME	473379.575	3771027.759 303.00
LOCATION	L0008840	VOLUME	473371.075	3771027.686 302.82
LOCATION	L0008841	VOLUME	473362.575	3771027.613 302.64
LOCATION	L0008842	VOLUME	473354.076	3771027.540 302.46
LOCATION	L0008843	VOLUME	473345.577	3771027.417 302.32
LOCATION	L0008844	VOLUME	473337.078	3771027.256 302.21
LOCATION	L0008845	VOLUME	473328.580	3771027.095 302.11
LOCATION	L0008846	VOLUME	473320.081	3771026.935 302.00
LOCATION	L0008847	VOLUME	473311.583	3771026.774 302.00
LOCATION	L0008848	VOLUME	473303.084	3771026.613 302.00
LOCATION	L0008849	VOLUME	473294.586	3771026.452 302.00
LOCATION	L0008850	VOLUME	473286.087	3771026.291 302.00
LOCATION	L0008851	VOLUME	473277.589	3771026.131 302.00
LOCATION	L0008852	VOLUME	473269.090	3771025.970 302.00
LOCATION	L0008853	VOLUME	473260.592	3771025.809 302.00
LOCATION	L0008854	VOLUME	473252.093	3771025.648 302.00
LOCATION	L0008855	VOLUME	473243.595	3771025.488 302.00
LOCATION	L0008856	VOLUME	473235.097	3771025.327 302.00
LOCATION	L0008857	VOLUME	473226.598	3771025.166 302.00
LOCATION	L0008858	VOLUME	473218.100	3771025.005 302.00
LOCATION	L0008859	VOLUME	473209.601	3771024.844 302.00
LOCATION	L0008860	VOLUME	473201.103	3771024.684 302.00
LOCATION	L0008861	VOLUME	473192.604	3771024.523 301.83
LOCATION	L0008862	VOLUME	473184.106	3771024.362 301.62
LOCATION	L0008863	VOLUME	473175.607	3771024.201 301.41
LOCATION	L0008864	VOLUME	473167.109	3771024.041 301.23
LOCATION	L0008865	VOLUME	473158.610	3771023.880 301.16
LOCATION	L0008866	VOLUME	473150.112	3771023.719 301.08
LOCATION	L0008867	VOLUME	473141.613	3771023.558 301.01
LOCATION	L0008868	VOLUME	473133.115	3771023.398 301.00
LOCATION	L0008869	VOLUME	473124.616	3771023.237 301.00
LOCATION	L0008870	VOLUME	473116.118	3771023.076 301.00
LOCATION	L0008871	VOLUME	473107.619	3771022.926 301.00
LOCATION	L0008872	VOLUME	473099.120	3771022.803 301.00
LOCATION	L0008873	VOLUME	473090.621	3771022.680 301.00
LOCATION	L0008874	VOLUME	473082.122	3771022.557 301.00
LOCATION	L0008875	VOLUME	473073.623	3771022.434 301.00
LOCATION	L0008876	VOLUME	473065.124	3771022.312 301.00
LOCATION	L0008877	VOLUME	473056.624	3771022.189 301.00

				RES
LOCATION	L0008878	VOLUME	473048.125	3771022.066 301.00
LOCATION	L0008879	VOLUME	473039.626	3771021.943 301.00
LOCATION	L0008880	VOLUME	473031.127	3771021.820 301.00
LOCATION	L0008881	VOLUME	473022.628	3771021.697 301.00
LOCATION	L0008882	VOLUME	473014.129	3771021.574 300.85
LOCATION	L0008883	VOLUME	473005.630	3771021.451 300.61
LOCATION	L0008884	VOLUME	472997.131	3771021.328 300.37
LOCATION	L0008885	VOLUME	472988.632	3771021.206 300.15
LOCATION	L0008886	VOLUME	472980.132	3771021.083 300.11
LOCATION	L0008887	VOLUME	472971.633	3771020.960 300.06
LOCATION	L0008888	VOLUME	472963.134	3771020.837 300.02
LOCATION	L0008889	VOLUME	472954.635	3771020.714 300.00
LOCATION	L0008890	VOLUME	472946.136	3771020.591 300.00
LOCATION	L0008891	VOLUME	472937.637	3771020.468 300.00
LOCATION	L0008892	VOLUME	472929.138	3771020.345 300.00
LOCATION	L0008893	VOLUME	472920.639	3771020.222 300.00
LOCATION	L0008894	VOLUME	472912.140	3771020.099 300.00
LOCATION	L0008895	VOLUME	472903.640	3771019.977 300.00
LOCATION	L0008896	VOLUME	472895.141	3771019.854 300.00
LOCATION	L0008897	VOLUME	472886.642	3771019.731 300.00
LOCATION	L0008898	VOLUME	472878.143	3771019.608 300.00
LOCATION	L0008899	VOLUME	472869.942	3771017.876 300.00
LOCATION	L0008900	VOLUME	472861.964	3771014.945 299.95
LOCATION	L0008901	VOLUME	472853.985	3771012.014 299.85
LOCATION	L0008902	VOLUME	472846.006	3771009.083 299.76
LOCATION	L0008903	VOLUME	472838.028	3771006.152 299.68
LOCATION	L0008904	VOLUME	472830.049	3771003.221 299.70
LOCATION	L0008905	VOLUME	472822.233	3770999.982 299.77
LOCATION	L0008906	VOLUME	472815.320	3770995.036 299.87
LOCATION	L0008907	VOLUME	472808.407	3770990.090 299.96
LOCATION	L0008908	VOLUME	472801.494	3770985.144 299.71
LOCATION	L0008909	VOLUME	472794.581	3770980.199 299.50
LOCATION	L0008910	VOLUME	472787.668	3770975.253 299.44
LOCATION	L0008911	VOLUME	472780.755	3770970.307 299.53
LOCATION	L0008912	VOLUME	472773.842	3770965.361 299.96
LOCATION	L0008913	VOLUME	472766.930	3770960.415 300.35
LOCATION	L0008914	VOLUME	472760.017	3770955.469 300.65
LOCATION	L0008915	VOLUME	472753.104	3770950.524 300.87
LOCATION	L0008916	VOLUME	472746.191	3770945.578 301.09
LOCATION	L0008917	VOLUME	472739.278	3770940.632 301.37
LOCATION	L0008918	VOLUME	472732.934	3770934.998 301.80
LOCATION	L0008919	VOLUME	472726.777	3770929.138 302.39
LOCATION	L0008920	VOLUME	472720.620	3770923.277 303.04
LOCATION	L0008921	VOLUME	472714.464	3770917.417 303.30
LOCATION	L0008922	VOLUME	472708.307	3770911.556 303.49
LOCATION	L0008923	VOLUME	472702.150	3770905.695 303.69
LOCATION	L0008924	VOLUME	472695.994	3770899.835 303.88
LOCATION	L0008925	VOLUME	472689.837	3770893.974 304.08
LOCATION	L0008926	VOLUME	472683.681	3770888.114 303.82
LOCATION	L0008927	VOLUME	472677.524	3770882.253 303.47
LOCATION	L0008928	VOLUME	472671.367	3770876.393 303.03
LOCATION	L0008929	VOLUME	472665.211	3770870.532 302.52
LOCATION	L0008930	VOLUME	472659.054	3770864.672 301.93
LOCATION	L0008931	VOLUME	472652.897	3770858.811 301.32
LOCATION	L0008932	VOLUME	472646.741	3770852.951 300.70
LOCATION	L0008933	VOLUME	472640.584	3770847.090 300.09
LOCATION	L0008934	VOLUME	472634.427	3770841.230 299.47
LOCATION	L0008935	VOLUME	472628.271	3770835.369 299.02
LOCATION	L0008936	VOLUME	472622.114	3770829.509 299.15
LOCATION	L0008937	VOLUME	472615.957	3770823.648 299.20
LOCATION	L0008938	VOLUME	472609.801	3770817.788 299.16
LOCATION	L0008939	VOLUME	472603.644	3770811.927 299.05
LOCATION	L0008940	VOLUME	472597.487	3770806.067 298.99
LOCATION	L0008941	VOLUME	472591.331	3770800.206 298.79
LOCATION	L0008942	VOLUME	472585.174	3770794.346 298.60
LOCATION	L0008943	VOLUME	472579.017	3770788.485 298.40
LOCATION	L0008944	VOLUME	472572.861	3770782.625 298.21

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** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC 5% to I-215 at Auto Center Road
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 6.156E-06
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 9
** 474277.729, 3770435.907, 306.00, 0.00, 3.95
** 474284.911, 3771030.727, 309.00, 0.00, 3.95
** 473812.129, 3771031.479, 306.00, 0.00, 3.95
** 473350.420, 3771027.508, 302.10, 0.00, 3.95
** 473110.057, 3771022.961, 301.00, 0.00, 3.95
** 472874.515, 3771019.555, 299.97, 0.00, 3.95
** 472823.289, 3771000.738, 300.00, 0.00, 3.95
** 472737.564, 3770939.406, 302.04, 0.00, 3.95
** 472572.432, 3770782.217, 298.00, 0.00, 3.95
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   LOCATION L0008946     VOLUME   474277.883 3770448.656 306.00
   LOCATION L0008947     VOLUME   474277.985 3770457.156 306.00
   LOCATION L0008948     VOLUME   474278.088 3770465.655 306.00
   LOCATION L0008949     VOLUME   474278.190 3770474.154 306.00
   LOCATION L0008950     VOLUME   474278.293 3770482.654 306.00
   LOCATION L0008951     VOLUME   474278.396 3770491.153 306.00
   LOCATION L0008952     VOLUME   474278.498 3770499.653 306.00
   LOCATION L0008953     VOLUME   474278.601 3770508.152 306.00
   LOCATION L0008954     VOLUME   474278.704 3770516.651 306.00
   LOCATION L0008955     VOLUME   474278.806 3770525.151 306.00
   LOCATION L0008956     VOLUME   474278.909 3770533.650 306.00
   LOCATION L0008957     VOLUME   474279.011 3770542.150 306.00
   LOCATION L0008958     VOLUME   474279.114 3770550.649 306.00
   LOCATION L0008959     VOLUME   474279.217 3770559.148 306.00
   LOCATION L0008960     VOLUME   474279.319 3770567.648 306.04
   LOCATION L0008961     VOLUME   474279.422 3770576.147 306.32
   LOCATION L0008962     VOLUME   474279.525 3770584.646 306.60
   LOCATION L0008963     VOLUME   474279.627 3770593.146 306.89
   LOCATION L0008964     VOLUME   474279.730 3770601.645 307.00
   LOCATION L0008965     VOLUME   474279.832 3770610.145 307.00
   LOCATION L0008966     VOLUME   474279.935 3770618.644 307.00
   LOCATION L0008967     VOLUME   474280.038 3770627.143 307.00
   LOCATION L0008968     VOLUME   474280.140 3770635.643 307.00
   LOCATION L0008969     VOLUME   474280.243 3770644.142 307.01
   LOCATION L0008970     VOLUME   474280.346 3770652.641 307.02
   LOCATION L0008971     VOLUME   474280.448 3770661.141 307.02
   LOCATION L0008972     VOLUME   474280.551 3770669.640 307.03
   LOCATION L0008973     VOLUME   474280.653 3770678.140 307.03
   LOCATION L0008974     VOLUME   474280.756 3770686.639 307.03
   LOCATION L0008975     VOLUME   474280.859 3770695.138 307.04
   LOCATION L0008976     VOLUME   474280.961 3770703.638 307.04
   LOCATION L0008977     VOLUME   474281.064 3770712.137 307.04
   LOCATION L0008978     VOLUME   474281.167 3770720.637 307.18
   LOCATION L0008979     VOLUME   474281.269 3770729.136 307.45
   LOCATION L0008980     VOLUME   474281.372 3770737.635 307.72
   LOCATION L0008981     VOLUME   474281.474 3770746.135 307.99
   LOCATION L0008982     VOLUME   474281.577 3770754.634 308.00
   LOCATION L0008983     VOLUME   474281.680 3770763.133 308.00
   LOCATION L0008984     VOLUME   474281.782 3770771.633 308.00
   LOCATION L0008985     VOLUME   474281.885 3770780.132 308.00
   LOCATION L0008986     VOLUME   474281.988 3770788.632 308.00
   LOCATION L0008987     VOLUME   474282.090 3770797.131 308.00
   LOCATION L0008988     VOLUME   474282.193 3770805.630 308.00
   LOCATION L0008989     VOLUME   474282.295 3770814.130 308.00
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				RES
LOCATION	L0008990	VOLUME	474282.398 3770822.629	308.00
LOCATION	L0008991	VOLUME	474282.501 3770831.128	308.00
LOCATION	L0008992	VOLUME	474282.603 3770839.628	308.00
LOCATION	L0008993	VOLUME	474282.706 3770848.127	308.00
LOCATION	L0008994	VOLUME	474282.809 3770856.627	308.00
LOCATION	L0008995	VOLUME	474282.911 3770865.126	308.00
LOCATION	L0008996	VOLUME	474283.014 3770873.625	308.00
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LOCATION	L0008999	VOLUME	474283.322 3770899.124	308.00
LOCATION	L0009000	VOLUME	474283.424 3770907.623	308.00
LOCATION	L0009001	VOLUME	474283.527 3770916.122	308.00
LOCATION	L0009002	VOLUME	474283.630 3770924.622	308.00
LOCATION	L0009003	VOLUME	474283.732 3770933.121	308.23
LOCATION	L0009004	VOLUME	474283.835 3770941.620	308.51
LOCATION	L0009005	VOLUME	474283.937 3770950.120	308.79
LOCATION	L0009006	VOLUME	474284.040 3770958.619	309.00
LOCATION	L0009007	VOLUME	474284.143 3770967.119	309.00
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LOCATION	L0009015	VOLUME	474280.524 3771030.734	309.00
LOCATION	L0009016	VOLUME	474272.024 3771030.747	309.00
LOCATION	L0009017	VOLUME	474263.524 3771030.761	309.00
LOCATION	L0009018	VOLUME	474255.024 3771030.774	309.00
LOCATION	L0009019	VOLUME	474246.524 3771030.788	308.89
LOCATION	L0009020	VOLUME	474238.024 3771030.801	308.61
LOCATION	L0009021	VOLUME	474229.524 3771030.815	308.33
LOCATION	L0009022	VOLUME	474221.024 3771030.829	308.04
LOCATION	L0009023	VOLUME	474212.524 3771030.842	308.00
LOCATION	L0009024	VOLUME	474204.024 3771030.856	308.00
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LOCATION	L0009026	VOLUME	474187.024 3771030.883	308.00
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LOCATION	L0009044	VOLUME	474034.024 3771031.126	308.00
LOCATION	L0009045	VOLUME	474025.524 3771031.139	308.00
LOCATION	L0009046	VOLUME	474017.024 3771031.153	308.00
LOCATION	L0009047	VOLUME	474008.524 3771031.167	307.96
LOCATION	L0009048	VOLUME	474000.024 3771031.180	307.68
LOCATION	L0009049	VOLUME	473991.524 3771031.194	307.39
LOCATION	L0009050	VOLUME	473983.024 3771031.207	307.11
LOCATION	L0009051	VOLUME	473974.524 3771031.221	307.00
LOCATION	L0009052	VOLUME	473966.024 3771031.234	307.00
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LOCATION	L0009054	VOLUME	473949.024 3771031.261	307.00
LOCATION	L0009055	VOLUME	473940.524 3771031.275	307.00
LOCATION	L0009056	VOLUME	473932.024 3771031.288	307.00

				RES
LOCATION	L0009057	VOLUME	473923.524	3771031.302 307.00
LOCATION	L0009058	VOLUME	473915.024	3771031.315 307.00
LOCATION	L0009059	VOLUME	473906.524	3771031.329 307.00
LOCATION	L0009060	VOLUME	473898.024	3771031.342 307.00
LOCATION	L0009061	VOLUME	473889.524	3771031.356 307.00
LOCATION	L0009062	VOLUME	473881.024	3771031.369 306.85
LOCATION	L0009063	VOLUME	473872.524	3771031.383 306.71
LOCATION	L0009064	VOLUME	473864.024	3771031.396 306.57
LOCATION	L0009065	VOLUME	473855.524	3771031.410 306.43
LOCATION	L0009066	VOLUME	473847.024	3771031.423 306.29
LOCATION	L0009067	VOLUME	473838.524	3771031.437 306.15
LOCATION	L0009068	VOLUME	473830.024	3771031.450 306.00
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LOCATION	L0009075	VOLUME	473770.526	3771031.121 306.00
LOCATION	L0009076	VOLUME	473762.026	3771031.048 305.74
LOCATION	L0009077	VOLUME	473753.526	3771030.975 305.46
LOCATION	L0009078	VOLUME	473745.027	3771030.902 305.18
LOCATION	L0009079	VOLUME	473736.527	3771030.829 305.00
LOCATION	L0009080	VOLUME	473728.027	3771030.756 305.00
LOCATION	L0009081	VOLUME	473719.528	3771030.683 305.00
LOCATION	L0009082	VOLUME	473711.028	3771030.610 305.00
LOCATION	L0009083	VOLUME	473702.528	3771030.536 305.00
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LOCATION	L0009085	VOLUME	473685.529	3771030.390 305.00
LOCATION	L0009086	VOLUME	473677.029	3771030.317 305.00
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LOCATION	L0009089	VOLUME	473651.530	3771030.098 305.00
LOCATION	L0009090	VOLUME	473643.031	3771030.025 304.78
LOCATION	L0009091	VOLUME	473634.531	3771029.952 304.49
LOCATION	L0009092	VOLUME	473626.031	3771029.879 304.21
LOCATION	L0009093	VOLUME	473617.531	3771029.806 304.00
LOCATION	L0009094	VOLUME	473609.032	3771029.732 304.00
LOCATION	L0009095	VOLUME	473600.532	3771029.659 304.00
LOCATION	L0009096	VOLUME	473592.032	3771029.586 304.00
LOCATION	L0009097	VOLUME	473583.533	3771029.513 304.00
LOCATION	L0009098	VOLUME	473575.033	3771029.440 304.00
LOCATION	L0009099	VOLUME	473566.533	3771029.367 304.00
LOCATION	L0009100	VOLUME	473558.034	3771029.294 304.00
LOCATION	L0009101	VOLUME	473549.534	3771029.221 304.00
LOCATION	L0009102	VOLUME	473541.034	3771029.148 304.00
LOCATION	L0009103	VOLUME	473532.535	3771029.075 304.00
LOCATION	L0009104	VOLUME	473524.035	3771029.001 303.89
LOCATION	L0009105	VOLUME	473515.535	3771028.928 303.72
LOCATION	L0009106	VOLUME	473507.036	3771028.855 303.56
LOCATION	L0009107	VOLUME	473498.536	3771028.782 303.40
LOCATION	L0009108	VOLUME	473490.036	3771028.709 303.28
LOCATION	L0009109	VOLUME	473481.536	3771028.636 303.16
LOCATION	L0009110	VOLUME	473473.037	3771028.563 303.04
LOCATION	L0009111	VOLUME	473464.537	3771028.490 303.00
LOCATION	L0009112	VOLUME	473456.037	3771028.417 303.00
LOCATION	L0009113	VOLUME	473447.538	3771028.344 303.00
LOCATION	L0009114	VOLUME	473439.038	3771028.271 303.00
LOCATION	L0009115	VOLUME	473430.538	3771028.197 303.00
LOCATION	L0009116	VOLUME	473422.039	3771028.124 303.00
LOCATION	L0009117	VOLUME	473413.539	3771028.051 303.00
LOCATION	L0009118	VOLUME	473405.039	3771027.978 303.00
LOCATION	L0009119	VOLUME	473396.540	3771027.905 303.00
LOCATION	L0009120	VOLUME	473388.040	3771027.832 303.00
LOCATION	L0009121	VOLUME	473379.540	3771027.759 303.00
LOCATION	L0009122	VOLUME	473371.041	3771027.686 302.82
LOCATION	L0009123	VOLUME	473362.541	3771027.613 302.64

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LOCATION	L0009125	VOLUME	473345.542 3771027.416	302.32
LOCATION	L0009126	VOLUME	473337.044 3771027.255	302.21
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LOCATION	L0009129	VOLUME	473311.548 3771026.773	302.00
LOCATION	L0009130	VOLUME	473303.050 3771026.612	302.00
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LOCATION	L0009136	VOLUME	473252.059 3771025.648	302.00
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LOCATION	L0009140	VOLUME	473218.065 3771025.005	302.00
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LOCATION	L0009144	VOLUME	473184.071 3771024.362	301.62
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LOCATION	L0009148	VOLUME	473150.077 3771023.718	301.08
LOCATION	L0009149	VOLUME	473141.579 3771023.558	301.01
LOCATION	L0009150	VOLUME	473133.080 3771023.397	301.00
LOCATION	L0009151	VOLUME	473124.582 3771023.236	301.00
LOCATION	L0009152	VOLUME	473116.083 3771023.075	301.00
LOCATION	L0009153	VOLUME	473107.585 3771022.926	301.00
LOCATION	L0009154	VOLUME	473099.085 3771022.803	301.00
LOCATION	L0009155	VOLUME	473090.586 3771022.680	301.00
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LOCATION	L0009157	VOLUME	473073.588 3771022.434	301.00
LOCATION	L0009158	VOLUME	473065.089 3771022.311	301.00
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LOCATION	L0009161	VOLUME	473039.592 3771021.942	301.00
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LOCATION	L0009164	VOLUME	473014.094 3771021.574	300.84
LOCATION	L0009165	VOLUME	473005.595 3771021.451	300.61
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LOCATION	L0009167	VOLUME	472988.597 3771021.205	300.15
LOCATION	L0009168	VOLUME	472980.098 3771021.082	300.11
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LOCATION	L0009172	VOLUME	472946.101 3771020.591	300.00
LOCATION	L0009173	VOLUME	472937.602 3771020.468	300.00
LOCATION	L0009174	VOLUME	472929.103 3771020.345	300.00
LOCATION	L0009175	VOLUME	472920.604 3771020.222	300.00
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LOCATION	L0009177	VOLUME	472903.606 3771019.976	300.00
LOCATION	L0009178	VOLUME	472895.107 3771019.853	300.00
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LOCATION	L0009183	VOLUME	472853.952 3771012.002	299.85
LOCATION	L0009184	VOLUME	472845.974 3771009.071	299.76
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LOCATION	L0009186	VOLUME	472830.016 3771003.209	299.70
LOCATION	L0009187	VOLUME	472822.205 3770999.962	299.77
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LOCATION	L0009189	VOLUME	472808.379 3770990.070	299.96
LOCATION	L0009190	VOLUME	472801.466 3770985.124	299.71

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   LOCATION L0009192   VOLUME   472787.640 3770975.233 299.44
   LOCATION L0009193   VOLUME   472780.727 3770970.287 299.53
   LOCATION L0009194   VOLUME   472773.814 3770965.341 299.96
   LOCATION L0009195   VOLUME   472766.901 3770960.395 300.35
   LOCATION L0009196   VOLUME   472759.988 3770955.449 300.65
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   LOCATION L0009198   VOLUME   472746.163 3770945.558 301.09
   LOCATION L0009199   VOLUME   472739.250 3770940.612 301.37
   LOCATION L0009200   VOLUME   472732.909 3770934.974 301.80
   LOCATION L0009201   VOLUME   472726.752 3770929.114 302.39
   LOCATION L0009202   VOLUME   472720.595 3770923.253 303.04
   LOCATION L0009203   VOLUME   472714.439 3770917.393 303.30
   LOCATION L0009204   VOLUME   472708.282 3770911.532 303.50
   LOCATION L0009205   VOLUME   472702.125 3770905.672 303.69
   LOCATION L0009206   VOLUME   472695.969 3770899.811 303.89
   LOCATION L0009207   VOLUME   472689.812 3770893.951 304.08
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   LOCATION L0009209   VOLUME   472677.499 3770882.230 303.46
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   LOCATION L0009211   VOLUME   472665.186 3770870.509 302.52
   LOCATION L0009212   VOLUME   472659.029 3770864.648 301.93
   LOCATION L0009213   VOLUME   472652.872 3770858.787 301.31
   LOCATION L0009214   VOLUME   472646.716 3770852.927 300.70
   LOCATION L0009215   VOLUME   472640.559 3770847.066 300.08
   LOCATION L0009216   VOLUME   472634.402 3770841.206 299.47
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   LOCATION L0009218   VOLUME   472622.089 3770829.485 299.15
   LOCATION L0009219   VOLUME   472615.932 3770823.624 299.20
   LOCATION L0009220   VOLUME   472609.776 3770817.764 299.16
   LOCATION L0009221   VOLUME   472603.619 3770811.903 299.05
   LOCATION L0009222   VOLUME   472597.462 3770806.043 298.99
   LOCATION L0009223   VOLUME   472591.306 3770800.182 298.79
   LOCATION L0009224   VOLUME   472585.149 3770794.322 298.60
   LOCATION L0009225   VOLUME   472578.992 3770788.461 298.40
   LOCATION L0009226   VOLUME   472572.836 3770782.601 298.21
** End of LINE VOLUME Source ID = SLINE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC 55% to I-10 at Waterman Ave.
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 0.0000355
** Vertical Dimension = 4.00
** SZINIT = 1.86
** Nodes = 2
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** 474282.666, 3769186.014, 310.00, 4.00, 3.95
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   LOCATION L0009228   VOLUME   474277.015 3770428.170 306.00
   LOCATION L0009229   VOLUME   474277.054 3770419.670 306.00
   LOCATION L0009230   VOLUME   474277.092 3770411.170 306.00
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   LOCATION L0009242   VOLUME   474277.556 3770309.171 305.40

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LOCATION	L0009253	VOLUME	474277.982 3770215.672	305.00
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LOCATION	L0009299	VOLUME	474279.761 3769824.676	306.00
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LOCATION	L0009301	VOLUME	474279.838 3769807.676	306.29
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   LOCATION L0009331     VOLUME   474280.998 3769552.679 309.03
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   LOCATION L0009336     VOLUME   474281.192 3769510.179 309.24
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   LOCATION L0009362     VOLUME   474282.197 3769289.182 311.00
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   LOCATION L0009364     VOLUME   474282.274 3769272.182 311.00
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   LOCATION L0009367     VOLUME   474282.390 3769246.682 311.00
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   LOCATION L0009369     VOLUME   474282.468 3769229.682 310.44
   LOCATION L0009370     VOLUME   474282.506 3769221.182 310.16
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** End of LINE VOLUME Source ID = SLINE6
** Source Parameters **
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   SRCPARAM L0008261     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008262     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008263     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008264     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008265     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008266     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008267     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008268     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008269     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008270     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008271     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008272     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008273     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008274     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008275     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008276     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008277     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008278     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008279     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008280     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008281     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008282     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008283     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008284     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008285     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008286     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008287     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008288     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008289     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008290     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008291     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008292     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008293     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008294     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008295     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008296     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008297     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008298     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008299     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008300     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008301     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008302     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008303     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008304     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008305     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008306     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008307     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008308     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008309     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008310     0.000001083      4.00      3.95      1.86
** ------------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0008311     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008312     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008313     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008314     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008315     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008316     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008317     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008318     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008319     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008320     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008321     0.000001083      4.00      3.95      1.86
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                                                    RES
   SRCPARAM L0008322     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008323     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008324     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008325     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008326     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008327     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008328     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008329     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008330     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008331     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008332     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008333     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008334     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008335     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008336     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008337     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008338     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008339     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008340     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008341     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008342     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008343     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008344     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008345     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008346     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008347     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008348     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008349     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008350     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008351     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008352     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008353     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008354     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008355     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008356     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008357     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008358     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008359     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008360     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008361     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008362     0.000001083      4.00      3.95      1.86
   SRCPARAM L0008363     0.000001083      4.00      3.95      1.86
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0008364     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008365     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008366     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008367     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008368     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008369     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008370     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008371     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008372     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008373     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008374     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008375     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008376     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008377     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008378     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008379     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008380     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008381     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008382     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008383     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008384     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008385     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008386     0.0000004087      0.00      1.86      3.95
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SRCPARAM	L0008387	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008388	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008389	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008390	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008391	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008392	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008393	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008394	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008395	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008396	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008397	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008398	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008399	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008400	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008401	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008402	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008403	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008404	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008405	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008406	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008407	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008408	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008409	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008410	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008411	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008412	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008413	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008414	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008415	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008416	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008417	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008418	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008419	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008420	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008421	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008422	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008423	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008424	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008425	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008426	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008427	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008428	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008429	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008430	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008431	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008432	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008433	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008434	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008435	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008436	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008437	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008438	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008439	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008440	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008441	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008442	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008443	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008444	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008445	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008446	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008447	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008448	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008449	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008450	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008451	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008452	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008453	0.0000004087	0.00	1.86	3.95

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SRCPARAM	L0008454	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008455	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008456	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008457	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008458	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008459	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008460	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008461	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008462	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008463	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008464	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008465	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008466	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008467	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008468	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008469	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008470	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008471	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008472	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008473	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008474	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008475	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008476	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008477	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008478	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008479	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008480	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008481	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008482	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008483	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008484	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008485	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008486	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008487	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008488	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008489	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008490	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008491	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008492	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008493	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008494	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008495	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008496	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008497	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008498	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008499	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008500	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008501	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008502	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008503	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008504	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008505	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008506	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008507	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008508	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008509	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008510	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008511	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008512	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008513	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008514	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008515	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008516	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008517	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008518	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008519	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008520	0.0000004087	0.00	1.86	3.95

				RES	
SRCPARAM	L0008521	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008522	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008523	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008524	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008525	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008526	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008527	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008528	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008529	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008530	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008531	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008532	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008533	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008534	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008535	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008536	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008537	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008538	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008539	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008540	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008541	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008542	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008543	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008544	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008545	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008546	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008547	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008548	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008549	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008550	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008551	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008552	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008553	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008554	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008555	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008556	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008557	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008558	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008559	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008560	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008561	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008562	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008563	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008564	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008565	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008566	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008567	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008568	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008569	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008570	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008571	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008572	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008573	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008574	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008575	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008576	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008577	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008578	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008579	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008580	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008581	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008582	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008583	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008584	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008585	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008586	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008587	0.0000004087	0.00	1.86	3.95

				RES	
SRCPARAM	L0008588	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008589	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008590	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008591	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008592	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008593	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008594	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008595	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008596	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008597	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008598	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008599	0.0000004087	0.00	1.86	3.95
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SRCPARAM	L0008601	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008602	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008603	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008604	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008605	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008606	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008607	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008608	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008609	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008610	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008611	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008612	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008613	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008614	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008615	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008616	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008617	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008618	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008619	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008620	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008621	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008622	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008623	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008624	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008625	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008626	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008627	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008628	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008629	0.0000004087	0.00	1.86	3.95
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SRCPARAM	L0008631	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008632	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008633	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008634	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008635	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008636	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008637	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008638	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008639	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008640	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008641	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008642	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008643	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008644	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008645	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008646	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008647	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008648	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008649	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008650	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008651	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008652	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008653	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008654	0.0000004087	0.00	1.86	3.95

				RES	
SRCPARAM	L0008655	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008656	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008657	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008658	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008659	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008660	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008661	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008662	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008663	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008664	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008665	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008666	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008667	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008668	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008669	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008670	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008671	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008672	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008673	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008674	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008675	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008676	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008677	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008678	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008679	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008680	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008681	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008682	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008683	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008684	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008685	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008686	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008687	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008688	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008689	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008690	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008691	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008692	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008693	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008694	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008695	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008696	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008697	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008698	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008699	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008700	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008701	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008702	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008703	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008704	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008705	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008706	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008707	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008708	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008709	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008710	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008711	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008712	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008713	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008714	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008715	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008716	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008717	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008718	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008719	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008720	0.0000004087	0.00	1.86	3.95
SRCPARAM	L0008721	0.0000004087	0.00	1.86	3.95

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                                                    RES
   SRCPARAM L0008722     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008723     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008724     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008725     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008726     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008727     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008728     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008729     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008730     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008731     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008732     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008733     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008734     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008735     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008736     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008737     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008738     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008739     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008740     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008741     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008742     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008743     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008744     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008745     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008746     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008747     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008748     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008749     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008750     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008751     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008752     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008753     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008754     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008755     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008756     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008757     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008758     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008759     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008760     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008761     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008762     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008763     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008764     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008765     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008766     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008767     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008768     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008769     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008770     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008771     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008772     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008773     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008774     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008775     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008776     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008777     0.0000004087      0.00      1.86      3.95
   SRCPARAM L0008778     0.0000004087      0.00      1.86      3.95
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0008779     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008780     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008781     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008782     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008783     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008784     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008785     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008786     0.0000001745      4.00      3.95      1.86
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				RES
SRCPARAM	L0008787	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008788	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008789	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008790	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008791	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008792	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008793	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008794	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008795	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008796	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008797	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008798	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008799	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008800	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008801	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008802	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008803	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008804	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008805	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008806	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008807	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008808	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008809	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008810	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008811	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008812	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008813	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008814	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008815	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008816	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008817	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008818	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008819	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008820	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008821	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008822	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008823	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008824	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008825	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008826	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008827	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008828	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008829	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008830	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008831	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008832	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008833	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008834	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008835	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008836	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008837	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008838	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008839	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008840	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008841	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008842	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008843	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008844	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008845	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008846	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008847	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008848	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008849	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008850	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008851	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008852	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008853	0.0000001745	4.00	3.95	1.86

				RES
SRCPARAM	L0008854	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008855	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008856	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008857	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008858	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008859	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008860	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008861	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008862	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008863	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008864	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008865	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008866	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008867	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008868	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008869	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008870	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008871	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008872	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008873	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008874	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008875	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008876	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008877	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008878	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008879	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008880	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008881	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008882	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008883	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008884	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008885	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008886	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008887	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008888	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008889	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008890	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008891	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008892	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008893	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008894	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008895	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008896	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008897	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008898	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008899	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008900	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008901	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008902	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008903	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008904	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008905	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008906	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008907	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008908	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008909	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008910	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008911	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008912	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008913	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008914	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008915	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008916	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008917	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008918	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008919	0.0000001745	4.00	3.95	1.86
SRCPARAM	L0008920	0.0000001745	4.00	3.95	1.86

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   SRCPARAM L0008921     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008922     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008923     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008924     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008925     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008926     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008927     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008928     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008929     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008930     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008931     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008932     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008933     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008934     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008935     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008936     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008937     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008938     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008939     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008940     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008941     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008942     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008943     0.0000001745      4.00      3.95      1.86
   SRCPARAM L0008944     0.0000001745      4.00      3.95      1.86
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** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0008945     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008946     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008947     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008948     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008949     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008950     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008951     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008952     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008953     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008954     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008955     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008956     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008957     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008958     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008959     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008960     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008961     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008962     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008963     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008964     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008965     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008966     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008967     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008968     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008969     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008970     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008971     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008972     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008973     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008974     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008975     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008976     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008977     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008978     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008979     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008980     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008981     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008982     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008983     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008984     0.00000002183      0.00      3.95      1.86
   SRCPARAM L0008985     0.00000002183      0.00      3.95      1.86
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SRCPARAM	L0008986	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008987	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008988	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008989	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008990	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008991	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008992	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008993	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008994	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008995	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008996	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008997	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008998	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0008999	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009000	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009001	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009002	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009003	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009004	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009005	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009006	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009007	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009008	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009009	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009010	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009011	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009012	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009013	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009014	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009015	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009016	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009017	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009018	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009019	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009020	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009021	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009022	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009023	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009024	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009025	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009026	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009027	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009028	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009032	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009033	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009034	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009035	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009036	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009037	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009038	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009042	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009043	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009045	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009046	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009047	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009048	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009049	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009050	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009052	0.00000002183	0.00	3.95	1.86

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SRCPARAM	L0009054	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009057	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009058	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009059	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009060	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009062	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009063	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009064	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009066	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009067	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009068	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009069	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009071	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009072	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009073	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009074	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009075	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009076	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009077	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009078	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009079	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009083	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009084	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009085	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009086	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009087	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009088	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009089	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009090	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009092	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009093	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009094	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009095	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009096	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009097	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009098	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009099	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009100	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009101	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009102	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009103	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009104	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009105	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009106	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009107	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009108	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009109	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009111	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009112	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009114	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009116	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009117	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009118	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009119	0.00000002183	0.00	3.95	1.86

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SRCPARAM	L0009120	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009121	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009122	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009123	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009124	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009125	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009126	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009127	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009129	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009130	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009131	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009132	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009133	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009134	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009136	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009138	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009144	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009145	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009146	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009147	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009148	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009149	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009150	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009151	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009152	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009153	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009154	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009155	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009164	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009177	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009178	0.00000002183	0.00	3.95	1.86
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SRCPARAM	L0009185	0.00000002183	0.00	3.95	1.86
SRCPARAM	L0009186	0.00000002183	0.00	3.95	1.86

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                                                    RES
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   SRCPARAM L0009207     0.00000002183      0.00      3.95      1.86
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   SRCPARAM L0009226     0.00000002183      0.00      3.95      1.86
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   SRCPARAM L0009231     0.0000002399      4.00      3.95      1.86
   SRCPARAM L0009232     0.0000002399      4.00      3.95      1.86
   SRCPARAM L0009233     0.0000002399      4.00      3.95      1.86
   SRCPARAM L0009234     0.0000002399      4.00      3.95      1.86
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   SRCPARAM L0009246     0.0000002399      4.00      3.95      1.86
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   SRCPARAM L0009248     0.0000002399      4.00      3.95      1.86
   SRCPARAM L0009249     0.0000002399      4.00      3.95      1.86
   SRCPARAM L0009250     0.0000002399      4.00      3.95      1.86
   SRCPARAM L0009251     0.0000002399      4.00      3.95      1.86
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				RES
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SRCPARAM	L0009254	0.0000002399	4.00	3.95	1.86
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SRCPARAM	L0009258	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009259	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009260	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009261	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009262	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009263	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009264	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009265	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009266	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009267	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009268	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009269	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009270	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009271	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009272	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009273	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009274	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009275	0.0000002399	4.00	3.95	1.86
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SRCPARAM	L0009280	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009281	0.0000002399	4.00	3.95	1.86
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SRCPARAM	L0009287	0.0000002399	4.00	3.95	1.86
SRCPARAM	L0009288	0.0000002399	4.00	3.95	1.86
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SRCPARAM	L0009290	0.0000002399	4.00	3.95	1.86
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SRCPARAM	L0009318	0.0000002399	4.00	3.95	1.86

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   SRCPARAM L0009329     0.0000002399      4.00      3.95      1.86
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   SRCPARAM L0009365     0.0000002399      4.00      3.95      1.86
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   SRCPARAM L0009374     0.0000002399      4.00      3.95      1.86
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
```

```
   INCLUDED Worker.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\..\snbo8.sfc
   PROFFILE ..\..\snbo8.PFL
   SURFDATA 0 2007
   UAIRDATA 3190 2007
   SITEDATA 99999 2007
   PROFBASE 305.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL WORKER.AD\AN00GALL.PLT 31
   SUMMFILE Worker.sum
OU FINISHED

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

♀ *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\GWS\HRA\Worker\Worker.isc                      ***
    03/29/17
 *** AERMET - VERSION  14134 ***   ***                                                                   ***
   12:07:10

   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                                          ***     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  1117 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   2015355.0 ;  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:
        TEMP_Sub - Meteorological data includes TEMP substitutions
```

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates ANNUAL Averages Only

**This Run Includes: 1117 Source(s); 1 Source Group(s); and 23 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 1117 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 14134

**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) = 305.00 ; Decay Coef. = 0.000 ; Rot. Angle
= 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =
0.10000E+07
Output Units = MICROGRAMS/M**3

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

**Detailed Error/Message File: Worker.err

**File for Summary of Results: Worker.sum

♀ *** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\GWS\HRA\Worker\Worker.isc *** 03/29/17
*** AERMET - VERSION 14134 *** *** *** 12:07:10

PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008258	0	0.10830E-05	473723.3	3770425.2	302.3	4.00	3.95	1.86	YES	
L0008259	0	0.10830E-05	473731.7	3770425.9	302.5	4.00	3.95	1.86	YES	
L0008260	0	0.10830E-05	473740.2	3770426.7	302.7	4.00	3.95	1.86	YES	
L0008261	0	0.10830E-05	473748.7	3770427.4	302.7	4.00	3.95	1.86	YES	
L0008262	0	0.10830E-05	473757.1	3770428.1	302.8	4.00	3.95	1.86	YES	
L0008263	0	0.10830E-05	473765.6	3770428.8	302.9	4.00	3.95	1.86	YES	
L0008264	0	0.10830E-05	473774.1	3770429.6	303.1	4.00	3.95	1.86	YES	
L0008265	0	0.10830E-05	473782.6	3770430.3	303.4	4.00	3.95	1.86	YES	

					RES				
L0008266	0	0.10830E-05	473791.0	3770431.0	303.7	4.00	3.95	1.86	YES
L0008267	0	0.10830E-05	473799.5	3770431.7	304.0	4.00	3.95	1.86	YES
L0008268	0	0.10830E-05	473808.0	3770432.5	304.3	4.00	3.95	1.86	YES
L0008269	0	0.10830E-05	473816.4	3770433.2	304.6	4.00	3.95	1.86	YES
L0008270	0	0.10830E-05	473824.9	3770433.9	304.8	4.00	3.95	1.86	YES
L0008271	0	0.10830E-05	473833.4	3770434.6	305.0	4.00	3.95	1.86	YES
L0008272	0	0.10830E-05	473841.8	3770435.4	305.0	4.00	3.95	1.86	YES
L0008273	0	0.10830E-05	473850.3	3770436.1	305.0	4.00	3.95	1.86	YES
L0008274	0	0.10830E-05	473858.8	3770436.8	305.0	4.00	3.95	1.86	YES
L0008275	0	0.10830E-05	473867.2	3770437.5	305.0	4.00	3.95	1.86	YES
L0008276	0	0.10830E-05	473875.7	3770438.2	305.0	4.00	3.95	1.86	YES
L0008277	0	0.10830E-05	473884.2	3770439.0	305.0	4.00	3.95	1.86	YES
L0008278	0	0.10830E-05	473892.7	3770439.7	305.0	4.00	3.95	1.86	YES
L0008279	0	0.10830E-05	473901.1	3770440.4	305.0	4.00	3.95	1.86	YES
L0008280	0	0.10830E-05	473909.6	3770441.1	305.0	4.00	3.95	1.86	YES
L0008281	0	0.10830E-05	473918.1	3770441.9	305.0	4.00	3.95	1.86	YES
L0008282	0	0.10830E-05	473926.5	3770442.6	305.0	4.00	3.95	1.86	YES
L0008283	0	0.10830E-05	473935.0	3770443.3	305.0	4.00	3.95	1.86	YES
L0008284	0	0.10830E-05	473943.5	3770444.0	305.0	4.00	3.95	1.86	YES
L0008285	0	0.10830E-05	473951.9	3770444.8	305.0	4.00	3.95	1.86	YES
L0008286	0	0.10830E-05	473960.4	3770445.5	305.0	4.00	3.95	1.86	YES
L0008287	0	0.10830E-05	473968.9	3770446.2	305.0	4.00	3.95	1.86	YES
L0008288	0	0.10830E-05	473977.3	3770446.9	305.0	4.00	3.95	1.86	YES
L0008289	0	0.10830E-05	473985.8	3770447.6	305.2	4.00	3.95	1.86	YES
L0008290	0	0.10830E-05	473994.3	3770448.4	305.5	4.00	3.95	1.86	YES
L0008291	0	0.10830E-05	474002.8	3770449.1	305.8	4.00	3.95	1.86	YES
L0008292	0	0.10830E-05	474011.2	3770449.8	306.0	4.00	3.95	1.86	YES
L0008293	0	0.10830E-05	474019.7	3770450.5	306.0	4.00	3.95	1.86	YES
L0008294	0	0.10830E-05	474028.2	3770451.3	306.0	4.00	3.95	1.86	YES
L0008295	0	0.10830E-05	474036.6	3770452.0	306.0	4.00	3.95	1.86	YES
L0008296	0	0.10830E-05	474045.1	3770452.7	306.0	4.00	3.95	1.86	YES
L0008297	0	0.10830E-05	474053.6	3770453.4	306.0	4.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008298	0	0.10830E-05	474062.0	3770454.2	306.0	4.00	3.95	1.86	YES	
L0008299	0	0.10830E-05	474070.5	3770454.9	306.0	4.00	3.95	1.86	YES	
L0008300	0	0.10830E-05	474079.0	3770455.6	306.0	4.00	3.95	1.86	YES	
L0008301	0	0.10830E-05	474087.4	3770456.3	306.0	4.00	3.95	1.86	YES	
L0008302	0	0.10830E-05	474095.9	3770457.1	306.0	4.00	3.95	1.86	YES	
L0008303	0	0.10830E-05	474104.4	3770457.8	306.0	4.00	3.95	1.86	YES	
L0008304	0	0.10830E-05	474112.9	3770458.5	306.0	4.00	3.95	1.86	YES	
L0008305	0	0.10830E-05	474121.3	3770459.2	306.0	4.00	3.95	1.86	YES	
L0008306	0	0.10830E-05	474129.8	3770459.9	306.0	4.00	3.95	1.86	YES	
L0008307	0	0.10830E-05	474138.3	3770460.7	306.0	4.00	3.95	1.86	YES	
L0008308	0	0.10830E-05	474146.7	3770461.4	306.0	4.00	3.95	1.86	YES	
L0008309	0	0.10830E-05	474155.2	3770462.1	306.0	4.00	3.95	1.86	YES	
L0008310	0	0.10830E-05	474163.7	3770462.8	306.0	4.00	3.95	1.86	YES	
L0008311	0	0.10830E-05	473723.9	3770197.1	301.5	4.00	3.95	1.86	YES	
L0008312	0	0.10830E-05	473732.4	3770197.8	301.6	4.00	3.95	1.86	YES	
L0008313	0	0.10830E-05	473740.9	3770198.5	301.7	4.00	3.95	1.86	YES	
L0008314	0	0.10830E-05	473749.3	3770199.3	301.8	4.00	3.95	1.86	YES	
L0008315	0	0.10830E-05	473757.8	3770200.0	301.8	4.00	3.95	1.86	YES	

L0008316	0	0.10830E-05	473766.3	3770200.7	301.8	4.00	3.95	1.86	YES
L0008317	0	0.10830E-05	473774.8	3770201.4	301.9	4.00	3.95	1.86	YES
L0008318	0	0.10830E-05	473783.2	3770202.1	301.9	4.00	3.95	1.86	YES
L0008319	0	0.10830E-05	473791.7	3770202.9	302.0	4.00	3.95	1.86	YES
L0008320	0	0.10830E-05	473800.2	3770203.6	302.0	4.00	3.95	1.86	YES
L0008321	0	0.10830E-05	473808.6	3770204.3	302.3	4.00	3.95	1.86	YES
L0008322	0	0.10830E-05	473817.1	3770205.0	302.6	4.00	3.95	1.86	YES
L0008323	0	0.10830E-05	473825.6	3770205.8	302.9	4.00	3.95	1.86	YES
L0008324	0	0.10830E-05	473834.0	3770206.5	303.0	4.00	3.95	1.86	YES
L0008325	0	0.10830E-05	473842.5	3770207.2	303.0	4.00	3.95	1.86	YES
L0008326	0	0.10830E-05	473851.0	3770207.9	303.0	4.00	3.95	1.86	YES
L0008327	0	0.10830E-05	473859.4	3770208.7	303.0	4.00	3.95	1.86	YES
L0008328	0	0.10830E-05	473867.9	3770209.4	303.0	4.00	3.95	1.86	YES
L0008329	0	0.10830E-05	473876.4	3770210.1	303.1	4.00	3.95	1.86	YES
L0008330	0	0.10830E-05	473884.9	3770210.8	303.1	4.00	3.95	1.86	YES
L0008331	0	0.10830E-05	473893.3	3770211.6	303.2	4.00	3.95	1.86	YES
L0008332	0	0.10830E-05	473901.8	3770212.3	303.2	4.00	3.95	1.86	YES
L0008333	0	0.10830E-05	473910.3	3770213.0	303.2	4.00	3.95	1.86	YES
L0008334	0	0.10830E-05	473918.7	3770213.7	303.2	4.00	3.95	1.86	YES
L0008335	0	0.10830E-05	473927.2	3770214.4	303.4	4.00	3.95	1.86	YES
L0008336	0	0.10830E-05	473935.7	3770215.2	303.7	4.00	3.95	1.86	YES
L0008337	0	0.10830E-05	473944.1	3770215.9	303.9	4.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008338	0	0.10830E-05	473952.6	3770216.6	303.9	4.00	3.95	1.86	YES	
L0008339	0	0.10830E-05	473961.1	3770217.3	303.8	4.00	3.95	1.86	YES	
L0008340	0	0.10830E-05	473969.5	3770218.1	303.6	4.00	3.95	1.86	YES	
L0008341	0	0.10830E-05	473978.0	3770218.8	303.4	4.00	3.95	1.86	YES	
L0008342	0	0.10830E-05	473986.5	3770219.5	303.3	4.00	3.95	1.86	YES	
L0008343	0	0.10830E-05	473995.0	3770220.2	303.2	4.00	3.95	1.86	YES	
L0008344	0	0.10830E-05	474003.4	3770221.0	303.1	4.00	3.95	1.86	YES	
L0008345	0	0.10830E-05	474011.9	3770221.7	303.1	4.00	3.95	1.86	YES	
L0008346	0	0.10830E-05	474020.4	3770222.4	303.4	4.00	3.95	1.86	YES	
L0008347	0	0.10830E-05	474028.8	3770223.1	303.7	4.00	3.95	1.86	YES	
L0008348	0	0.10830E-05	474037.3	3770223.9	304.1	4.00	3.95	1.86	YES	
L0008349	0	0.10830E-05	474045.8	3770224.6	304.2	4.00	3.95	1.86	YES	
L0008350	0	0.10830E-05	474054.2	3770225.3	304.3	4.00	3.95	1.86	YES	
L0008351	0	0.10830E-05	474062.7	3770226.0	304.3	4.00	3.95	1.86	YES	
L0008352	0	0.10830E-05	474071.2	3770226.7	304.4	4.00	3.95	1.86	YES	
L0008353	0	0.10830E-05	474079.6	3770227.5	304.6	4.00	3.95	1.86	YES	
L0008354	0	0.10830E-05	474088.1	3770228.2	304.8	4.00	3.95	1.86	YES	
L0008355	0	0.10830E-05	474096.6	3770228.9	304.9	4.00	3.95	1.86	YES	
L0008356	0	0.10830E-05	474105.1	3770229.6	305.0	4.00	3.95	1.86	YES	
L0008357	0	0.10830E-05	474113.5	3770230.4	305.0	4.00	3.95	1.86	YES	
L0008358	0	0.10830E-05	474122.0	3770231.1	305.0	4.00	3.95	1.86	YES	
L0008359	0	0.10830E-05	474130.5	3770231.8	305.0	4.00	3.95	1.86	YES	
L0008360	0	0.10830E-05	474138.9	3770232.5	305.0	4.00	3.95	1.86	YES	
L0008361	0	0.10830E-05	474147.4	3770233.3	305.0	4.00	3.95	1.86	YES	
L0008362	0	0.10830E-05	474155.9	3770234.0	305.0	4.00	3.95	1.86	YES	
L0008363	0	0.10830E-05	474164.3	3770234.7	305.0	4.00	3.95	1.86	YES	
L0008364	0	0.40870E-06	473803.1	3770949.8	306.0	0.00	1.86	3.95	YES	
L0008365	0	0.40870E-06	473799.1	3770949.7	306.0	0.00	1.86	3.95	YES	

					RES					
L0008366	0	0.40870E-06	473795.1	3770949.7	306.0	0.00	1.86	3.95	YES	
L0008367	0	0.40870E-06	473791.1	3770949.6	306.0	0.00	1.86	3.95	YES	
L0008368	0	0.40870E-06	473787.1	3770949.6	306.0	0.00	1.86	3.95	YES	
L0008369	0	0.40870E-06	473783.1	3770949.5	306.0	0.00	1.86	3.95	YES	
L0008370	0	0.40870E-06	473779.1	3770949.5	306.0	0.00	1.86	3.95	YES	
L0008371	0	0.40870E-06	473775.1	3770949.4	306.0	0.00	1.86	3.95	YES	
L0008372	0	0.40870E-06	473771.1	3770949.4	306.0	0.00	1.86	3.95	YES	
L0008373	0	0.40870E-06	473767.1	3770949.3	305.9	0.00	1.86	3.95	YES	
L0008374	0	0.40870E-06	473763.1	3770949.2	305.8	0.00	1.86	3.95	YES	
L0008375	0	0.40870E-06	473759.1	3770949.2	305.6	0.00	1.86	3.95	YES	
L0008376	0	0.40870E-06	473755.1	3770949.1	305.5	0.00	1.86	3.95	YES	
L0008377	0	0.40870E-06	473751.1	3770949.1	305.4	0.00	1.86	3.95	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008378	0	0.40870E-06	473747.1	3770949.0	305.2	0.00	1.86	3.95	YES	
L0008379	0	0.40870E-06	473743.1	3770949.0	305.1	0.00	1.86	3.95	YES	
L0008380	0	0.40870E-06	473739.1	3770948.9	305.0	0.00	1.86	3.95	YES	
L0008381	0	0.40870E-06	473735.1	3770948.9	305.0	0.00	1.86	3.95	YES	
L0008382	0	0.40870E-06	473731.1	3770948.8	305.0	0.00	1.86	3.95	YES	
L0008383	0	0.40870E-06	473729.7	3770946.2	305.0	0.00	1.86	3.95	YES	
L0008384	0	0.40870E-06	473729.7	3770942.2	305.0	0.00	1.86	3.95	YES	
L0008385	0	0.40870E-06	473729.6	3770938.2	305.0	0.00	1.86	3.95	YES	
L0008386	0	0.40870E-06	473729.6	3770934.2	305.0	0.00	1.86	3.95	YES	
L0008387	0	0.40870E-06	473729.6	3770930.2	305.0	0.00	1.86	3.95	YES	
L0008388	0	0.40870E-06	473729.6	3770926.2	305.0	0.00	1.86	3.95	YES	
L0008389	0	0.40870E-06	473729.5	3770922.2	305.0	0.00	1.86	3.95	YES	
L0008390	0	0.40870E-06	473729.5	3770918.2	305.0	0.00	1.86	3.95	YES	
L0008391	0	0.40870E-06	473729.5	3770914.2	305.0	0.00	1.86	3.95	YES	
L0008392	0	0.40870E-06	473729.5	3770910.2	305.0	0.00	1.86	3.95	YES	
L0008393	0	0.40870E-06	473729.5	3770906.2	305.0	0.00	1.86	3.95	YES	
L0008394	0	0.40870E-06	473729.4	3770902.2	305.0	0.00	1.86	3.95	YES	
L0008395	0	0.40870E-06	473729.4	3770898.2	305.0	0.00	1.86	3.95	YES	
L0008396	0	0.40870E-06	473729.4	3770894.2	305.0	0.00	1.86	3.95	YES	
L0008397	0	0.40870E-06	473729.4	3770890.2	305.0	0.00	1.86	3.95	YES	
L0008398	0	0.40870E-06	473729.3	3770886.2	305.0	0.00	1.86	3.95	YES	
L0008399	0	0.40870E-06	473729.3	3770882.2	305.0	0.00	1.86	3.95	YES	
L0008400	0	0.40870E-06	473729.3	3770878.2	305.0	0.00	1.86	3.95	YES	
L0008401	0	0.40870E-06	473729.3	3770874.2	305.0	0.00	1.86	3.95	YES	
L0008402	0	0.40870E-06	473729.2	3770870.2	305.0	0.00	1.86	3.95	YES	
L0008403	0	0.40870E-06	473729.2	3770866.2	305.0	0.00	1.86	3.95	YES	
L0008404	0	0.40870E-06	473729.2	3770862.2	305.0	0.00	1.86	3.95	YES	
L0008405	0	0.40870E-06	473729.2	3770858.2	305.0	0.00	1.86	3.95	YES	
L0008406	0	0.40870E-06	473729.1	3770854.2	305.0	0.00	1.86	3.95	YES	
L0008407	0	0.40870E-06	473729.1	3770850.2	305.0	0.00	1.86	3.95	YES	
L0008408	0	0.40870E-06	473729.1	3770846.2	305.0	0.00	1.86	3.95	YES	
L0008409	0	0.40870E-06	473729.1	3770842.2	305.0	0.00	1.86	3.95	YES	
L0008410	0	0.40870E-06	473729.1	3770838.2	305.0	0.00	1.86	3.95	YES	
L0008411	0	0.40870E-06	473729.0	3770834.2	305.0	0.00	1.86	3.95	YES	
L0008412	0	0.40870E-06	473729.0	3770830.2	305.0	0.00	1.86	3.95	YES	
L0008413	0	0.40870E-06	473729.0	3770826.2	305.0	0.00	1.86	3.95	YES	
L0008414	0	0.40870E-06	473729.0	3770822.2	305.0	0.00	1.86	3.95	YES	
L0008415	0	0.40870E-06	473728.9	3770818.2	305.0	0.00	1.86	3.95	YES	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008418	0	0.40870E-06	473728.9	3770806.2	305.0	0.00	1.86	3.95	YES	
L0008419	0	0.40870E-06	473728.8	3770802.2	305.0	0.00	1.86	3.95	YES	
L0008420	0	0.40870E-06	473728.8	3770798.2	305.0	0.00	1.86	3.95	YES	
L0008421	0	0.40870E-06	473728.8	3770794.2	305.0	0.00	1.86	3.95	YES	
L0008422	0	0.40870E-06	473728.8	3770790.2	305.0	0.00	1.86	3.95	YES	
L0008423	0	0.40870E-06	473728.8	3770786.2	305.0	0.00	1.86	3.95	YES	
L0008424	0	0.40870E-06	473728.8	3770782.2	305.0	0.00	1.86	3.95	YES	
L0008425	0	0.40870E-06	473728.8	3770778.2	305.0	0.00	1.86	3.95	YES	
L0008426	0	0.40870E-06	473728.8	3770774.2	305.0	0.00	1.86	3.95	YES	
L0008427	0	0.40870E-06	473728.8	3770770.2	305.0	0.00	1.86	3.95	YES	
L0008428	0	0.40870E-06	473728.9	3770766.2	305.0	0.00	1.86	3.95	YES	
L0008429	0	0.40870E-06	473728.9	3770762.2	305.0	0.00	1.86	3.95	YES	
L0008430	0	0.40870E-06	473728.9	3770758.2	305.0	0.00	1.86	3.95	YES	
L0008431	0	0.40870E-06	473728.9	3770754.2	305.0	0.00	1.86	3.95	YES	
L0008432	0	0.40870E-06	473728.9	3770750.2	305.0	0.00	1.86	3.95	YES	
L0008433	0	0.40870E-06	473728.9	3770746.2	305.0	0.00	1.86	3.95	YES	
L0008434	0	0.40870E-06	473729.0	3770742.2	305.0	0.00	1.86	3.95	YES	
L0008435	0	0.40870E-06	473729.0	3770738.2	305.0	0.00	1.86	3.95	YES	
L0008436	0	0.40870E-06	473729.0	3770734.2	305.0	0.00	1.86	3.95	YES	
L0008437	0	0.40870E-06	473729.0	3770730.2	305.0	0.00	1.86	3.95	YES	
L0008438	0	0.40870E-06	473729.0	3770726.2	305.0	0.00	1.86	3.95	YES	
L0008439	0	0.40870E-06	473729.1	3770722.2	305.0	0.00	1.86	3.95	YES	
L0008440	0	0.40870E-06	473729.1	3770718.2	305.0	0.00	1.86	3.95	YES	
L0008441	0	0.40870E-06	473729.1	3770714.2	305.0	0.00	1.86	3.95	YES	
L0008442	0	0.40870E-06	473729.1	3770710.2	305.0	0.00	1.86	3.95	YES	
L0008443	0	0.40870E-06	473729.1	3770706.2	305.0	0.00	1.86	3.95	YES	
L0008444	0	0.40870E-06	473729.1	3770702.2	305.0	0.00	1.86	3.95	YES	
L0008445	0	0.40870E-06	473729.2	3770698.2	305.0	0.00	1.86	3.95	YES	
L0008446	0	0.40870E-06	473729.2	3770694.2	305.0	0.00	1.86	3.95	YES	
L0008447	0	0.40870E-06	473729.2	3770690.2	305.0	0.00	1.86	3.95	YES	
L0008448	0	0.40870E-06	473729.2	3770686.2	305.0	0.00	1.86	3.95	YES	
L0008449	0	0.40870E-06	473729.2	3770682.2	304.8	0.00	1.86	3.95	YES	
L0008450	0	0.40870E-06	473729.2	3770678.2	304.6	0.00	1.86	3.95	YES	
L0008451	0	0.40870E-06	473729.3	3770674.2	304.4	0.00	1.86	3.95	YES	
L0008452	0	0.40870E-06	473729.3	3770670.2	304.3	0.00	1.86	3.95	YES	
L0008453	0	0.40870E-06	473729.3	3770666.2	304.1	0.00	1.86	3.95	YES	
L0008454	0	0.40870E-06	473729.3	3770662.2	303.9	0.00	1.86	3.95	YES	
L0008455	0	0.40870E-06	473729.3	3770658.2	303.7	0.00	1.86	3.95	YES	
L0008456	0	0.40870E-06	473729.3	3770654.2	303.6	0.00	1.86	3.95	YES	
L0008457	0	0.40870E-06	473729.4	3770650.2	303.4	0.00	1.86	3.95	YES	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008458	0	0.40870E-06	473729.4	3770646.2	303.3	0.00	1.86	3.95	YES	
L0008459	0	0.40870E-06	473729.4	3770642.2	303.2	0.00	1.86	3.95	YES	
L0008460	0	0.40870E-06	473729.4	3770638.2	303.1	0.00	1.86	3.95	YES	
L0008461	0	0.40870E-06	473729.4	3770634.2	302.9	0.00	1.86	3.95	YES	
L0008462	0	0.40870E-06	473729.4	3770630.2	302.8	0.00	1.86	3.95	YES	
L0008463	0	0.40870E-06	473729.5	3770626.2	302.7	0.00	1.86	3.95	YES	
L0008464	0	0.40870E-06	473729.5	3770622.2	302.7	0.00	1.86	3.95	YES	
L0008465	0	0.40870E-06	473729.5	3770618.2	302.7	0.00	1.86	3.95	YES	
L0008466	0	0.40870E-06	473729.5	3770614.2	302.7	0.00	1.86	3.95	YES	
L0008467	0	0.40870E-06	473729.5	3770610.2	302.7	0.00	1.86	3.95	YES	
L0008468	0	0.40870E-06	473729.5	3770606.2	302.7	0.00	1.86	3.95	YES	
L0008469	0	0.40870E-06	473729.6	3770602.2	302.7	0.00	1.86	3.95	YES	
L0008470	0	0.40870E-06	473729.6	3770598.2	302.7	0.00	1.86	3.95	YES	
L0008471	0	0.40870E-06	473729.6	3770594.2	302.6	0.00	1.86	3.95	YES	
L0008472	0	0.40870E-06	473729.6	3770590.2	302.5	0.00	1.86	3.95	YES	
L0008473	0	0.40870E-06	473729.6	3770586.2	302.4	0.00	1.86	3.95	YES	
L0008474	0	0.40870E-06	473729.3	3770582.5	302.4	0.00	1.86	3.95	YES	
L0008475	0	0.40870E-06	473725.3	3770581.8	302.3	0.00	1.86	3.95	YES	
L0008476	0	0.40870E-06	473721.4	3770581.0	302.2	0.00	1.86	3.95	YES	
L0008477	0	0.40870E-06	473717.5	3770580.3	302.1	0.00	1.86	3.95	YES	
L0008478	0	0.40870E-06	473713.6	3770579.5	302.1	0.00	1.86	3.95	YES	
L0008479	0	0.40870E-06	473709.6	3770578.8	302.0	0.00	1.86	3.95	YES	
L0008480	0	0.40870E-06	473705.7	3770578.1	302.0	0.00	1.86	3.95	YES	
L0008481	0	0.40870E-06	473701.8	3770577.3	302.0	0.00	1.86	3.95	YES	
L0008482	0	0.40870E-06	473697.8	3770576.6	302.0	0.00	1.86	3.95	YES	
L0008483	0	0.40870E-06	473695.4	3770574.5	302.0	0.00	1.86	3.95	YES	
L0008484	0	0.40870E-06	473695.3	3770570.5	302.0	0.00	1.86	3.95	YES	
L0008485	0	0.40870E-06	473695.2	3770566.5	302.0	0.00	1.86	3.95	YES	
L0008486	0	0.40870E-06	473695.1	3770562.5	302.0	0.00	1.86	3.95	YES	
L0008487	0	0.40870E-06	473695.0	3770558.5	302.0	0.00	1.86	3.95	YES	
L0008488	0	0.40870E-06	473694.9	3770554.5	302.0	0.00	1.86	3.95	YES	
L0008489	0	0.40870E-06	473694.7	3770550.5	302.0	0.00	1.86	3.95	YES	
L0008490	0	0.40870E-06	473694.6	3770546.5	302.0	0.00	1.86	3.95	YES	
L0008491	0	0.40870E-06	473694.5	3770542.5	302.0	0.00	1.86	3.95	YES	
L0008492	0	0.40870E-06	473694.4	3770538.5	302.0	0.00	1.86	3.95	YES	
L0008493	0	0.40870E-06	473694.3	3770534.5	302.0	0.00	1.86	3.95	YES	
L0008494	0	0.40870E-06	473694.1	3770530.5	302.0	0.00	1.86	3.95	YES	
L0008495	0	0.40870E-06	473694.0	3770526.5	302.0	0.00	1.86	3.95	YES	
L0008496	0	0.40870E-06	473693.9	3770522.5	302.0	0.00	1.86	3.95	YES	
L0008497	0	0.40870E-06	473693.8	3770518.5	302.0	0.00	1.86	3.95	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008498	0	0.40870E-06	473693.7	3770514.5	302.0	0.00	1.86	3.95	YES	

					RES				
L0008499	0	0.40870E-06	473693.5	3770510.5	302.0	0.00	1.86	3.95	YES
L0008500	0	0.40870E-06	473693.4	3770506.5	302.0	0.00	1.86	3.95	YES
L0008501	0	0.40870E-06	473693.2	3770502.5	302.0	0.00	1.86	3.95	YES
L0008502	0	0.40870E-06	473693.1	3770498.5	302.0	0.00	1.86	3.95	YES
L0008503	0	0.40870E-06	473692.9	3770494.5	302.0	0.00	1.86	3.95	YES
L0008504	0	0.40870E-06	473692.8	3770490.6	302.0	0.00	1.86	3.95	YES
L0008505	0	0.40870E-06	473692.6	3770486.6	302.0	0.00	1.86	3.95	YES
L0008506	0	0.40870E-06	473692.5	3770482.6	302.0	0.00	1.86	3.95	YES
L0008507	0	0.40870E-06	473692.3	3770478.6	302.0	0.00	1.86	3.95	YES
L0008508	0	0.40870E-06	473692.2	3770474.6	302.0	0.00	1.86	3.95	YES
L0008509	0	0.40870E-06	473692.0	3770470.6	302.0	0.00	1.86	3.95	YES
L0008510	0	0.40870E-06	473691.9	3770466.6	302.0	0.00	1.86	3.95	YES
L0008511	0	0.40870E-06	473691.7	3770462.6	302.0	0.00	1.86	3.95	YES
L0008512	0	0.40870E-06	473691.4	3770458.6	302.0	0.00	1.86	3.95	YES
L0008513	0	0.40870E-06	473691.2	3770454.6	302.0	0.00	1.86	3.95	YES
L0008514	0	0.40870E-06	473691.0	3770450.6	302.0	0.00	1.86	3.95	YES
L0008515	0	0.40870E-06	473690.7	3770446.6	302.0	0.00	1.86	3.95	YES
L0008516	0	0.40870E-06	473690.5	3770442.6	302.0	0.00	1.86	3.95	YES
L0008517	0	0.40870E-06	473690.3	3770438.6	302.0	0.00	1.86	3.95	YES
L0008518	0	0.40870E-06	473690.0	3770434.6	302.0	0.00	1.86	3.95	YES
L0008519	0	0.40870E-06	473689.8	3770430.6	302.0	0.00	1.86	3.95	YES
L0008520	0	0.40870E-06	473689.5	3770426.6	302.0	0.00	1.86	3.95	YES
L0008521	0	0.40870E-06	473689.3	3770422.6	302.0	0.00	1.86	3.95	YES
L0008522	0	0.40870E-06	473689.1	3770418.7	302.0	0.00	1.86	3.95	YES
L0008523	0	0.40870E-06	473688.8	3770414.7	302.0	0.00	1.86	3.95	YES
L0008524	0	0.40870E-06	473688.6	3770410.7	302.1	0.00	1.86	3.95	YES
L0008525	0	0.40870E-06	473688.4	3770406.7	302.1	0.00	1.86	3.95	YES
L0008526	0	0.40870E-06	473688.1	3770402.7	302.1	0.00	1.86	3.95	YES
L0008527	0	0.40870E-06	473687.9	3770398.7	302.2	0.00	1.86	3.95	YES
L0008528	0	0.40870E-06	473687.7	3770394.7	302.2	0.00	1.86	3.95	YES
L0008529	0	0.40870E-06	473687.4	3770390.7	302.2	0.00	1.86	3.95	YES
L0008530	0	0.40870E-06	473687.2	3770386.7	302.2	0.00	1.86	3.95	YES
L0008531	0	0.40870E-06	473686.9	3770382.7	302.3	0.00	1.86	3.95	YES
L0008532	0	0.40870E-06	473686.7	3770378.7	302.4	0.00	1.86	3.95	YES
L0008533	0	0.40870E-06	473686.5	3770374.7	302.5	0.00	1.86	3.95	YES
L0008534	0	0.40870E-06	473686.3	3770370.7	302.6	0.00	1.86	3.95	YES
L0008535	0	0.40870E-06	473686.8	3770366.8	302.7	0.00	1.86	3.95	YES
L0008536	0	0.40870E-06	473687.2	3770362.8	302.8	0.00	1.86	3.95	YES
L0008537	0	0.40870E-06	473687.7	3770358.8	302.9	0.00	1.86	3.95	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008538	0	0.40870E-06	473688.1	3770354.8	303.0	0.00	1.86	3.95	YES	
L0008539	0	0.40870E-06	473688.6	3770350.9	303.0	0.00	1.86	3.95	YES	
L0008540	0	0.40870E-06	473689.0	3770346.9	303.0	0.00	1.86	3.95	YES	
L0008541	0	0.40870E-06	473689.5	3770342.9	303.0	0.00	1.86	3.95	YES	
L0008542	0	0.40870E-06	473689.9	3770338.9	303.0	0.00	1.86	3.95	YES	
L0008543	0	0.40870E-06	473690.4	3770335.0	303.0	0.00	1.86	3.95	YES	
L0008544	0	0.40870E-06	473690.9	3770331.0	303.0	0.00	1.86	3.95	YES	
L0008545	0	0.40870E-06	473691.3	3770327.0	303.0	0.00	1.86	3.95	YES	
L0008546	0	0.40870E-06	473691.8	3770323.0	303.0	0.00	1.86	3.95	YES	
L0008547	0	0.40870E-06	473692.2	3770319.1	303.0	0.00	1.86	3.95	YES	
L0008548	0	0.40870E-06	473692.7	3770315.1	303.0	0.00	1.86	3.95	YES	

					RES					
L0008549	0	0.40870E-06	473693.1	3770311.1	303.0	0.00	1.86	3.95	YES	
L0008550	0	0.40870E-06	473693.6	3770307.2	303.0	0.00	1.86	3.95	YES	
L0008551	0	0.40870E-06	473694.0	3770303.2	303.0	0.00	1.86	3.95	YES	
L0008552	0	0.40870E-06	473694.5	3770299.2	303.0	0.00	1.86	3.95	YES	
L0008553	0	0.40870E-06	473695.0	3770295.2	303.0	0.00	1.86	3.95	YES	
L0008554	0	0.40870E-06	473695.4	3770291.3	302.8	0.00	1.86	3.95	YES	
L0008555	0	0.40870E-06	473695.9	3770287.3	302.7	0.00	1.86	3.95	YES	
L0008556	0	0.40870E-06	473696.3	3770283.3	302.6	0.00	1.86	3.95	YES	
L0008557	0	0.40870E-06	473696.8	3770279.3	302.4	0.00	1.86	3.95	YES	
L0008558	0	0.40870E-06	473697.2	3770275.4	302.3	0.00	1.86	3.95	YES	
L0008559	0	0.40870E-06	473697.7	3770271.4	302.2	0.00	1.86	3.95	YES	
L0008560	0	0.40870E-06	473698.1	3770267.4	302.0	0.00	1.86	3.95	YES	
L0008561	0	0.40870E-06	473698.6	3770263.4	302.0	0.00	1.86	3.95	YES	
L0008562	0	0.40870E-06	473699.1	3770259.5	302.0	0.00	1.86	3.95	YES	
L0008563	0	0.40870E-06	473699.5	3770255.5	302.0	0.00	1.86	3.95	YES	
L0008564	0	0.40870E-06	473700.0	3770251.5	302.0	0.00	1.86	3.95	YES	
L0008565	0	0.40870E-06	473700.4	3770247.5	302.0	0.00	1.86	3.95	YES	
L0008566	0	0.40870E-06	473700.9	3770243.6	302.0	0.00	1.86	3.95	YES	
L0008567	0	0.40870E-06	473701.3	3770239.6	302.0	0.00	1.86	3.95	YES	
L0008568	0	0.40870E-06	473701.8	3770235.6	302.0	0.00	1.86	3.95	YES	
L0008569	0	0.40870E-06	473702.3	3770231.6	302.0	0.00	1.86	3.95	YES	
L0008570	0	0.40870E-06	473702.7	3770227.7	301.9	0.00	1.86	3.95	YES	
L0008571	0	0.40870E-06	473703.2	3770223.7	301.9	0.00	1.86	3.95	YES	
L0008572	0	0.40870E-06	473703.6	3770219.7	301.9	0.00	1.86	3.95	YES	
L0008573	0	0.40870E-06	473704.1	3770215.8	301.9	0.00	1.86	3.95	YES	
L0008574	0	0.40870E-06	473704.5	3770211.8	301.9	0.00	1.86	3.95	YES	
L0008575	0	0.40870E-06	473705.0	3770207.8	301.9	0.00	1.86	3.95	YES	
L0008576	0	0.40870E-06	473705.4	3770203.8	301.7	0.00	1.86	3.95	YES	
L0008577	0	0.40870E-06	473705.9	3770199.9	301.5	0.00	1.86	3.95	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008578	0	0.40870E-06	473706.4	3770195.9	301.2	0.00	1.86	3.95	YES	
L0008579	0	0.40870E-06	473706.8	3770191.9	301.0	0.00	1.86	3.95	YES	
L0008580	0	0.40870E-06	473707.3	3770187.9	300.7	0.00	1.86	3.95	YES	
L0008581	0	0.40870E-06	473707.7	3770184.0	300.5	0.00	1.86	3.95	YES	
L0008582	0	0.40870E-06	473708.2	3770180.0	300.2	0.00	1.86	3.95	YES	
L0008583	0	0.40870E-06	473708.6	3770176.0	300.0	0.00	1.86	3.95	YES	
L0008584	0	0.40870E-06	473709.1	3770172.0	300.0	0.00	1.86	3.95	YES	
L0008585	0	0.40870E-06	473711.1	3770170.0	300.0	0.00	1.86	3.95	YES	
L0008586	0	0.40870E-06	473715.1	3770170.5	300.1	0.00	1.86	3.95	YES	
L0008587	0	0.40870E-06	473719.1	3770170.9	300.2	0.00	1.86	3.95	YES	
L0008588	0	0.40870E-06	473723.1	3770171.3	300.4	0.00	1.86	3.95	YES	
L0008589	0	0.40870E-06	473727.0	3770171.7	300.5	0.00	1.86	3.95	YES	
L0008590	0	0.40870E-06	473731.0	3770172.1	300.6	0.00	1.86	3.95	YES	
L0008591	0	0.40870E-06	473735.0	3770172.5	300.7	0.00	1.86	3.95	YES	
L0008592	0	0.40870E-06	473739.0	3770172.9	300.9	0.00	1.86	3.95	YES	
L0008593	0	0.40870E-06	473743.0	3770173.4	300.9	0.00	1.86	3.95	YES	
L0008594	0	0.40870E-06	473746.9	3770173.8	300.9	0.00	1.86	3.95	YES	
L0008595	0	0.40870E-06	473750.9	3770174.2	300.9	0.00	1.86	3.95	YES	
L0008596	0	0.40870E-06	473754.9	3770174.6	301.0	0.00	1.86	3.95	YES	
L0008597	0	0.40870E-06	473758.9	3770175.0	301.0	0.00	1.86	3.95	YES	
L0008598	0	0.40870E-06	473762.9	3770175.4	301.0	0.00	1.86	3.95	YES	

					RES					
L0008599	0	0.40870E-06	473766.8	3770175.8	301.0	0.00	1.86	3.95	YES	
L0008600	0	0.40870E-06	473770.8	3770176.3	301.0	0.00	1.86	3.95	YES	
L0008601	0	0.40870E-06	473774.8	3770176.7	301.2	0.00	1.86	3.95	YES	
L0008602	0	0.40870E-06	473778.8	3770177.1	301.3	0.00	1.86	3.95	YES	
L0008603	0	0.40870E-06	473782.7	3770177.5	301.4	0.00	1.86	3.95	YES	
L0008604	0	0.40870E-06	473786.7	3770177.9	301.6	0.00	1.86	3.95	YES	
L0008605	0	0.40870E-06	473790.7	3770178.3	301.7	0.00	1.86	3.95	YES	
L0008606	0	0.40870E-06	473794.7	3770178.7	301.8	0.00	1.86	3.95	YES	
L0008607	0	0.40870E-06	473798.7	3770179.2	302.0	0.00	1.86	3.95	YES	
L0008608	0	0.40870E-06	473802.6	3770179.6	302.1	0.00	1.86	3.95	YES	
L0008609	0	0.40870E-06	473806.6	3770180.0	302.2	0.00	1.86	3.95	YES	
L0008610	0	0.40870E-06	473810.6	3770180.4	302.4	0.00	1.86	3.95	YES	
L0008611	0	0.40870E-06	473814.6	3770180.8	302.5	0.00	1.86	3.95	YES	
L0008612	0	0.40870E-06	473818.5	3770181.2	302.6	0.00	1.86	3.95	YES	
L0008613	0	0.40870E-06	473822.5	3770181.6	302.8	0.00	1.86	3.95	YES	
L0008614	0	0.40870E-06	473826.5	3770182.1	302.9	0.00	1.86	3.95	YES	
L0008615	0	0.40870E-06	473830.5	3770182.5	303.0	0.00	1.86	3.95	YES	
L0008616	0	0.40870E-06	473834.5	3770182.9	303.0	0.00	1.86	3.95	YES	
L0008617	0	0.40870E-06	473838.4	3770183.3	303.0	0.00	1.86	3.95	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008618	0	0.40870E-06	473842.4	3770183.7	303.0	0.00	1.86	3.95	YES	
L0008619	0	0.40870E-06	473846.4	3770184.1	303.0	0.00	1.86	3.95	YES	
L0008620	0	0.40870E-06	473850.4	3770184.5	303.0	0.00	1.86	3.95	YES	
L0008621	0	0.40870E-06	473854.4	3770185.0	303.0	0.00	1.86	3.95	YES	
L0008622	0	0.40870E-06	473858.3	3770185.4	303.0	0.00	1.86	3.95	YES	
L0008623	0	0.40870E-06	473862.3	3770185.8	303.0	0.00	1.86	3.95	YES	
L0008624	0	0.40870E-06	473866.3	3770186.2	303.0	0.00	1.86	3.95	YES	
L0008625	0	0.40870E-06	473870.3	3770186.6	303.0	0.00	1.86	3.95	YES	
L0008626	0	0.40870E-06	473874.2	3770187.0	303.0	0.00	1.86	3.95	YES	
L0008627	0	0.40870E-06	473878.2	3770187.4	303.0	0.00	1.86	3.95	YES	
L0008628	0	0.40870E-06	473882.2	3770187.9	303.0	0.00	1.86	3.95	YES	
L0008629	0	0.40870E-06	473886.2	3770188.3	303.0	0.00	1.86	3.95	YES	
L0008630	0	0.40870E-06	473890.2	3770188.7	303.0	0.00	1.86	3.95	YES	
L0008631	0	0.40870E-06	473894.1	3770189.1	303.0	0.00	1.86	3.95	YES	
L0008632	0	0.40870E-06	473898.1	3770189.5	303.0	0.00	1.86	3.95	YES	
L0008633	0	0.40870E-06	473902.1	3770189.9	303.0	0.00	1.86	3.95	YES	
L0008634	0	0.40870E-06	473906.1	3770190.3	303.0	0.00	1.86	3.95	YES	
L0008635	0	0.40870E-06	473910.1	3770190.8	303.0	0.00	1.86	3.95	YES	
L0008636	0	0.40870E-06	473914.0	3770191.2	303.0	0.00	1.86	3.95	YES	
L0008637	0	0.40870E-06	473918.0	3770191.6	303.0	0.00	1.86	3.95	YES	
L0008638	0	0.40870E-06	473922.0	3770192.0	303.0	0.00	1.86	3.95	YES	
L0008639	0	0.40870E-06	473926.0	3770192.4	303.1	0.00	1.86	3.95	YES	
L0008640	0	0.40870E-06	473929.9	3770192.8	303.2	0.00	1.86	3.95	YES	
L0008641	0	0.40870E-06	473933.9	3770193.2	303.3	0.00	1.86	3.95	YES	
L0008642	0	0.40870E-06	473937.9	3770193.7	303.4	0.00	1.86	3.95	YES	
L0008643	0	0.40870E-06	473941.9	3770194.1	303.4	0.00	1.86	3.95	YES	
L0008644	0	0.40870E-06	473945.9	3770194.5	303.5	0.00	1.86	3.95	YES	
L0008645	0	0.40870E-06	473949.8	3770194.9	303.6	0.00	1.86	3.95	YES	
L0008646	0	0.40870E-06	473953.8	3770195.3	303.6	0.00	1.86	3.95	YES	
L0008647	0	0.40870E-06	473957.8	3770195.7	303.5	0.00	1.86	3.95	YES	
L0008648	0	0.40870E-06	473961.8	3770196.1	303.4	0.00	1.86	3.95	YES	

L0008649	0	0.40870E-06	473965.8	3770196.6	303.3	0.00	1.86	3.95	YES
L0008650	0	0.40870E-06	473969.7	3770197.0	303.2	0.00	1.86	3.95	YES
L0008651	0	0.40870E-06	473973.7	3770197.4	303.1	0.00	1.86	3.95	YES
L0008652	0	0.40870E-06	473977.7	3770197.8	303.1	0.00	1.86	3.95	YES
L0008653	0	0.40870E-06	473981.7	3770198.2	303.0	0.00	1.86	3.95	YES
L0008654	0	0.40870E-06	473985.6	3770198.6	303.0	0.00	1.86	3.95	YES
L0008655	0	0.40870E-06	473989.6	3770199.0	303.0	0.00	1.86	3.95	YES
L0008656	0	0.40870E-06	473993.6	3770199.5	303.0	0.00	1.86	3.95	YES
L0008657	0	0.40870E-06	473997.6	3770199.9	303.0	0.00	1.86	3.95	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008658	0	0.40870E-06	474001.6	3770200.3	303.0	0.00	1.86	3.95	YES	
L0008659	0	0.40870E-06	474005.5	3770200.7	303.0	0.00	1.86	3.95	YES	
L0008660	0	0.40870E-06	474009.5	3770201.1	303.0	0.00	1.86	3.95	YES	
L0008661	0	0.40870E-06	474013.5	3770201.5	303.0	0.00	1.86	3.95	YES	
L0008662	0	0.40870E-06	474017.5	3770201.9	303.0	0.00	1.86	3.95	YES	
L0008663	0	0.40870E-06	474021.5	3770202.4	303.0	0.00	1.86	3.95	YES	
L0008664	0	0.40870E-06	474025.4	3770202.8	303.0	0.00	1.86	3.95	YES	
L0008665	0	0.40870E-06	474029.4	3770203.2	303.0	0.00	1.86	3.95	YES	
L0008666	0	0.40870E-06	474033.4	3770203.6	303.0	0.00	1.86	3.95	YES	
L0008667	0	0.40870E-06	474037.4	3770204.0	303.0	0.00	1.86	3.95	YES	
L0008668	0	0.40870E-06	474041.3	3770204.4	303.0	0.00	1.86	3.95	YES	
L0008669	0	0.40870E-06	474045.3	3770204.8	303.0	0.00	1.86	3.95	YES	
L0008670	0	0.40870E-06	474049.3	3770205.3	303.0	0.00	1.86	3.95	YES	
L0008671	0	0.40870E-06	474053.3	3770205.7	303.0	0.00	1.86	3.95	YES	
L0008672	0	0.40870E-06	474057.3	3770206.1	303.0	0.00	1.86	3.95	YES	
L0008673	0	0.40870E-06	474061.2	3770206.5	303.0	0.00	1.86	3.95	YES	
L0008674	0	0.40870E-06	474065.2	3770206.9	303.0	0.00	1.86	3.95	YES	
L0008675	0	0.40870E-06	474069.2	3770207.3	303.1	0.00	1.86	3.95	YES	
L0008676	0	0.40870E-06	474073.2	3770207.7	303.3	0.00	1.86	3.95	YES	
L0008677	0	0.40870E-06	474077.2	3770208.2	303.6	0.00	1.86	3.95	YES	
L0008678	0	0.40870E-06	474081.1	3770208.6	303.9	0.00	1.86	3.95	YES	
L0008679	0	0.40870E-06	474085.1	3770209.0	304.1	0.00	1.86	3.95	YES	
L0008680	0	0.40870E-06	474089.1	3770209.4	304.4	0.00	1.86	3.95	YES	
L0008681	0	0.40870E-06	474093.1	3770209.8	304.6	0.00	1.86	3.95	YES	
L0008682	0	0.40870E-06	474097.0	3770210.2	304.8	0.00	1.86	3.95	YES	
L0008683	0	0.40870E-06	474101.0	3770210.6	305.0	0.00	1.86	3.95	YES	
L0008684	0	0.40870E-06	474105.0	3770211.1	305.0	0.00	1.86	3.95	YES	
L0008685	0	0.40870E-06	474109.0	3770211.5	305.0	0.00	1.86	3.95	YES	
L0008686	0	0.40870E-06	474113.0	3770211.9	305.0	0.00	1.86	3.95	YES	
L0008687	0	0.40870E-06	474116.9	3770212.3	305.0	0.00	1.86	3.95	YES	
L0008688	0	0.40870E-06	474120.9	3770212.7	305.0	0.00	1.86	3.95	YES	
L0008689	0	0.40870E-06	474124.9	3770213.1	305.0	0.00	1.86	3.95	YES	
L0008690	0	0.40870E-06	474128.9	3770213.5	305.0	0.00	1.86	3.95	YES	
L0008691	0	0.40870E-06	474132.9	3770214.0	305.0	0.00	1.86	3.95	YES	
L0008692	0	0.40870E-06	474136.8	3770214.4	305.0	0.00	1.86	3.95	YES	
L0008693	0	0.40870E-06	474140.8	3770214.8	305.0	0.00	1.86	3.95	YES	
L0008694	0	0.40870E-06	474144.8	3770215.2	305.0	0.00	1.86	3.95	YES	
L0008695	0	0.40870E-06	474148.8	3770215.6	305.0	0.00	1.86	3.95	YES	
L0008696	0	0.40870E-06	474152.7	3770216.0	305.0	0.00	1.86	3.95	YES	
L0008697	0	0.40870E-06	474156.7	3770216.4	305.0	0.00	1.86	3.95	YES	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008698	0	0.40870E-06	474160.7	3770216.9	305.0	0.00	1.86	3.95	YES	
L0008699	0	0.40870E-06	474164.7	3770217.3	305.0	0.00	1.86	3.95	YES	
L0008700	0	0.40870E-06	474168.7	3770217.7	305.0	0.00	1.86	3.95	YES	
L0008701	0	0.40870E-06	474172.6	3770218.1	305.0	0.00	1.86	3.95	YES	
L0008702	0	0.40870E-06	474176.6	3770218.5	305.0	0.00	1.86	3.95	YES	
L0008703	0	0.40870E-06	474180.6	3770219.1	305.0	0.00	1.86	3.95	YES	
L0008704	0	0.40870E-06	474184.4	3770220.1	305.0	0.00	1.86	3.95	YES	
L0008705	0	0.40870E-06	474188.3	3770221.0	305.0	0.00	1.86	3.95	YES	
L0008706	0	0.40870E-06	474192.2	3770222.0	305.0	0.00	1.86	3.95	YES	
L0008707	0	0.40870E-06	474196.1	3770223.0	305.0	0.00	1.86	3.95	YES	
L0008708	0	0.40870E-06	474200.0	3770224.0	305.0	0.00	1.86	3.95	YES	
L0008709	0	0.40870E-06	474203.8	3770224.9	305.0	0.00	1.86	3.95	YES	
L0008710	0	0.40870E-06	474207.7	3770225.9	305.0	0.00	1.86	3.95	YES	
L0008711	0	0.40870E-06	474211.6	3770226.9	305.0	0.00	1.86	3.95	YES	
L0008712	0	0.40870E-06	474215.5	3770227.8	305.0	0.00	1.86	3.95	YES	
L0008713	0	0.40870E-06	474219.4	3770228.8	305.0	0.00	1.86	3.95	YES	
L0008714	0	0.40870E-06	474222.9	3770230.6	305.0	0.00	1.86	3.95	YES	
L0008715	0	0.40870E-06	474226.4	3770232.6	305.0	0.00	1.86	3.95	YES	
L0008716	0	0.40870E-06	474229.8	3770234.6	305.0	0.00	1.86	3.95	YES	
L0008717	0	0.40870E-06	474233.0	3770236.8	305.0	0.00	1.86	3.95	YES	
L0008718	0	0.40870E-06	474233.8	3770240.8	305.0	0.00	1.86	3.95	YES	
L0008719	0	0.40870E-06	474234.7	3770244.7	305.0	0.00	1.86	3.95	YES	
L0008720	0	0.40870E-06	474235.5	3770248.6	305.0	0.00	1.86	3.95	YES	
L0008721	0	0.40870E-06	474236.4	3770252.5	305.0	0.00	1.86	3.95	YES	
L0008722	0	0.40870E-06	474237.2	3770256.4	305.0	0.00	1.86	3.95	YES	
L0008723	0	0.40870E-06	474237.2	3770260.4	305.0	0.00	1.86	3.95	YES	
L0008724	0	0.40870E-06	474236.9	3770264.3	305.0	0.00	1.86	3.95	YES	
L0008725	0	0.40870E-06	474236.5	3770268.3	305.0	0.00	1.86	3.95	YES	
L0008726	0	0.40870E-06	474236.1	3770272.3	305.0	0.00	1.86	3.95	YES	
L0008727	0	0.40870E-06	474235.8	3770276.3	305.0	0.00	1.86	3.95	YES	
L0008728	0	0.40870E-06	474235.4	3770280.3	305.0	0.00	1.86	3.95	YES	
L0008729	0	0.40870E-06	474235.1	3770284.3	305.0	0.00	1.86	3.95	YES	
L0008730	0	0.40870E-06	474234.7	3770288.2	305.0	0.00	1.86	3.95	YES	
L0008731	0	0.40870E-06	474234.3	3770292.2	305.0	0.00	1.86	3.95	YES	
L0008732	0	0.40870E-06	474234.0	3770296.2	305.0	0.00	1.86	3.95	YES	
L0008733	0	0.40870E-06	474233.6	3770300.2	305.0	0.00	1.86	3.95	YES	
L0008734	0	0.40870E-06	474233.3	3770304.2	305.0	0.00	1.86	3.95	YES	
L0008735	0	0.40870E-06	474232.9	3770308.2	305.0	0.00	1.86	3.95	YES	
L0008736	0	0.40870E-06	474232.5	3770312.1	305.0	0.00	1.86	3.95	YES	
L0008737	0	0.40870E-06	474232.2	3770316.1	305.0	0.00	1.86	3.95	YES	

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	RES BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008738	0	0.40870E-06	474231.8	3770320.1	305.0	0.00	1.86	3.95	YES	
L0008739	0	0.40870E-06	474231.5	3770324.1	305.0	0.00	1.86	3.95	YES	
L0008740	0	0.40870E-06	474231.1	3770328.1	305.0	0.00	1.86	3.95	YES	
L0008741	0	0.40870E-06	474230.7	3770332.1	305.1	0.00	1.86	3.95	YES	
L0008742	0	0.40870E-06	474230.4	3770336.0	305.1	0.00	1.86	3.95	YES	
L0008743	0	0.40870E-06	474230.0	3770340.0	305.2	0.00	1.86	3.95	YES	
L0008744	0	0.40870E-06	474229.7	3770344.0	305.2	0.00	1.86	3.95	YES	
L0008745	0	0.40870E-06	474229.3	3770348.0	305.2	0.00	1.86	3.95	YES	
L0008746	0	0.40870E-06	474228.9	3770352.0	305.3	0.00	1.86	3.95	YES	
L0008747	0	0.40870E-06	474228.6	3770356.0	305.3	0.00	1.86	3.95	YES	
L0008748	0	0.40870E-06	474228.2	3770359.9	305.3	0.00	1.86	3.95	YES	
L0008749	0	0.40870E-06	474227.9	3770363.9	305.3	0.00	1.86	3.95	YES	
L0008750	0	0.40870E-06	474227.5	3770367.9	305.3	0.00	1.86	3.95	YES	
L0008751	0	0.40870E-06	474227.1	3770371.9	305.2	0.00	1.86	3.95	YES	
L0008752	0	0.40870E-06	474226.8	3770375.9	305.2	0.00	1.86	3.95	YES	
L0008753	0	0.40870E-06	474226.4	3770379.9	305.2	0.00	1.86	3.95	YES	
L0008754	0	0.40870E-06	474226.0	3770383.8	305.2	0.00	1.86	3.95	YES	
L0008755	0	0.40870E-06	474225.7	3770387.8	305.2	0.00	1.86	3.95	YES	
L0008756	0	0.40870E-06	474225.3	3770391.8	305.3	0.00	1.86	3.95	YES	
L0008757	0	0.40870E-06	474225.0	3770395.8	305.4	0.00	1.86	3.95	YES	
L0008758	0	0.40870E-06	474224.6	3770399.8	305.5	0.00	1.86	3.95	YES	
L0008759	0	0.40870E-06	474224.2	3770403.8	305.6	0.00	1.86	3.95	YES	
L0008760	0	0.40870E-06	474223.9	3770407.8	305.8	0.00	1.86	3.95	YES	
L0008761	0	0.40870E-06	474223.5	3770411.7	305.9	0.00	1.86	3.95	YES	
L0008762	0	0.40870E-06	474223.2	3770415.7	306.0	0.00	1.86	3.95	YES	
L0008763	0	0.40870E-06	474222.8	3770419.7	306.0	0.00	1.86	3.95	YES	
L0008764	0	0.40870E-06	474222.4	3770423.7	306.0	0.00	1.86	3.95	YES	
L0008765	0	0.40870E-06	474222.1	3770427.7	306.0	0.00	1.86	3.95	YES	
L0008766	0	0.40870E-06	474221.7	3770431.7	306.0	0.00	1.86	3.95	YES	
L0008767	0	0.40870E-06	474221.4	3770435.6	306.0	0.00	1.86	3.95	YES	
L0008768	0	0.40870E-06	474221.0	3770439.6	306.0	0.00	1.86	3.95	YES	
L0008769	0	0.40870E-06	474220.6	3770443.6	306.0	0.00	1.86	3.95	YES	
L0008770	0	0.40870E-06	474220.3	3770447.6	306.0	0.00	1.86	3.95	YES	
L0008771	0	0.40870E-06	474219.9	3770451.6	306.0	0.00	1.86	3.95	YES	
L0008772	0	0.40870E-06	474219.6	3770455.6	306.0	0.00	1.86	3.95	YES	
L0008773	0	0.40870E-06	474219.2	3770459.5	306.0	0.00	1.86	3.95	YES	
L0008774	0	0.40870E-06	474218.8	3770463.5	306.0	0.00	1.86	3.95	YES	
L0008775	0	0.40870E-06	474218.5	3770467.5	306.0	0.00	1.86	3.95	YES	
L0008776	0	0.40870E-06	474218.1	3770471.5	306.0	0.00	1.86	3.95	YES	
L0008777	0	0.40870E-06	474217.8	3770475.5	306.0	0.00	1.86	3.95	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008778	0	0.40870E-06	474217.4	3770479.5	306.0	0.00	1.86	3.95	YES	
L0008779	0	0.17450E-06	473811.6	3770954.1	306.0	4.00	3.95	1.86	YES	
L0008780	0	0.17450E-06	473811.6	3770962.5	306.0	4.00	3.95	1.86	YES	
L0008781	0	0.17450E-06	473811.7	3770971.0	306.0	4.00	3.95	1.86	YES	

					RES					
L0008782	0	0.17450E-06	473811.8	3770979.5	306.0	4.00	3.95	1.86	YES	
L0008783	0	0.17450E-06	473811.8	3770988.0	306.0	4.00	3.95	1.86	YES	
L0008784	0	0.17450E-06	473811.9	3770996.5	306.0	4.00	3.95	1.86	YES	
L0008785	0	0.17450E-06	473811.9	3771005.0	306.0	4.00	3.95	1.86	YES	
L0008786	0	0.17450E-06	473812.0	3771013.5	306.0	4.00	3.95	1.86	YES	
L0008787	0	0.17450E-06	473812.1	3771022.0	306.0	4.00	3.95	1.86	YES	
L0008788	0	0.17450E-06	473812.1	3771030.5	306.0	4.00	3.95	1.86	YES	
L0008789	0	0.17450E-06	473804.6	3771031.4	306.0	4.00	3.95	1.86	YES	
L0008790	0	0.17450E-06	473796.1	3771031.3	306.0	4.00	3.95	1.86	YES	
L0008791	0	0.17450E-06	473787.6	3771031.3	306.0	4.00	3.95	1.86	YES	
L0008792	0	0.17450E-06	473779.1	3771031.2	306.0	4.00	3.95	1.86	YES	
L0008793	0	0.17450E-06	473770.6	3771031.1	306.0	4.00	3.95	1.86	YES	
L0008794	0	0.17450E-06	473762.1	3771031.0	305.7	4.00	3.95	1.86	YES	
L0008795	0	0.17450E-06	473753.6	3771031.0	305.5	4.00	3.95	1.86	YES	
L0008796	0	0.17450E-06	473745.1	3771030.9	305.2	4.00	3.95	1.86	YES	
L0008797	0	0.17450E-06	473736.6	3771030.8	305.0	4.00	3.95	1.86	YES	
L0008798	0	0.17450E-06	473728.1	3771030.8	305.0	4.00	3.95	1.86	YES	
L0008799	0	0.17450E-06	473719.6	3771030.7	305.0	4.00	3.95	1.86	YES	
L0008800	0	0.17450E-06	473711.1	3771030.6	305.0	4.00	3.95	1.86	YES	
L0008801	0	0.17450E-06	473702.6	3771030.5	305.0	4.00	3.95	1.86	YES	
L0008802	0	0.17450E-06	473694.1	3771030.5	305.0	4.00	3.95	1.86	YES	
L0008803	0	0.17450E-06	473685.6	3771030.4	305.0	4.00	3.95	1.86	YES	
L0008804	0	0.17450E-06	473677.1	3771030.3	305.0	4.00	3.95	1.86	YES	
L0008805	0	0.17450E-06	473668.6	3771030.2	305.0	4.00	3.95	1.86	YES	
L0008806	0	0.17450E-06	473660.1	3771030.2	305.0	4.00	3.95	1.86	YES	
L0008807	0	0.17450E-06	473651.6	3771030.1	305.0	4.00	3.95	1.86	YES	
L0008808	0	0.17450E-06	473643.1	3771030.0	304.8	4.00	3.95	1.86	YES	
L0008809	0	0.17450E-06	473634.6	3771030.0	304.5	4.00	3.95	1.86	YES	
L0008810	0	0.17450E-06	473626.1	3771029.9	304.2	4.00	3.95	1.86	YES	
L0008811	0	0.17450E-06	473617.6	3771029.8	304.0	4.00	3.95	1.86	YES	
L0008812	0	0.17450E-06	473609.1	3771029.7	304.0	4.00	3.95	1.86	YES	
L0008813	0	0.17450E-06	473600.6	3771029.7	304.0	4.00	3.95	1.86	YES	
L0008814	0	0.17450E-06	473592.1	3771029.6	304.0	4.00	3.95	1.86	YES	
L0008815	0	0.17450E-06	473583.6	3771029.5	304.0	4.00	3.95	1.86	YES	
L0008816	0	0.17450E-06	473575.1	3771029.4	304.0	4.00	3.95	1.86	YES	
L0008817	0	0.17450E-06	473566.6	3771029.4	304.0	4.00	3.95	1.86	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008818	0	0.17450E-06	473558.1	3771029.3	304.0	4.00	3.95	1.86	YES	
L0008819	0	0.17450E-06	473549.6	3771029.2	304.0	4.00	3.95	1.86	YES	
L0008820	0	0.17450E-06	473541.1	3771029.1	304.0	4.00	3.95	1.86	YES	
L0008821	0	0.17450E-06	473532.6	3771029.1	304.0	4.00	3.95	1.86	YES	
L0008822	0	0.17450E-06	473524.1	3771029.0	303.9	4.00	3.95	1.86	YES	
L0008823	0	0.17450E-06	473515.6	3771028.9	303.7	4.00	3.95	1.86	YES	
L0008824	0	0.17450E-06	473507.1	3771028.9	303.6	4.00	3.95	1.86	YES	
L0008825	0	0.17450E-06	473498.6	3771028.8	303.4	4.00	3.95	1.86	YES	
L0008826	0	0.17450E-06	473490.1	3771028.7	303.3	4.00	3.95	1.86	YES	
L0008827	0	0.17450E-06	473481.6	3771028.6	303.2	4.00	3.95	1.86	YES	
L0008828	0	0.17450E-06	473473.1	3771028.6	303.0	4.00	3.95	1.86	YES	
L0008829	0	0.17450E-06	473464.6	3771028.5	303.0	4.00	3.95	1.86	YES	
L0008830	0	0.17450E-06	473456.1	3771028.4	303.0	4.00	3.95	1.86	YES	
L0008831	0	0.17450E-06	473447.6	3771028.3	303.0	4.00	3.95	1.86	YES	

L0008832	0	0.17450E-06	473439.1	3771028.3	303.0	4.00	3.95	1.86	YES
L0008833	0	0.17450E-06	473430.6	3771028.2	303.0	4.00	3.95	1.86	YES
L0008834	0	0.17450E-06	473422.1	3771028.1	303.0	4.00	3.95	1.86	YES
L0008835	0	0.17450E-06	473413.6	3771028.1	303.0	4.00	3.95	1.86	YES
L0008836	0	0.17450E-06	473405.1	3771028.0	303.0	4.00	3.95	1.86	YES
L0008837	0	0.17450E-06	473396.6	3771027.9	303.0	4.00	3.95	1.86	YES
L0008838	0	0.17450E-06	473388.1	3771027.8	303.0	4.00	3.95	1.86	YES
L0008839	0	0.17450E-06	473379.6	3771027.8	303.0	4.00	3.95	1.86	YES
L0008840	0	0.17450E-06	473371.1	3771027.7	302.8	4.00	3.95	1.86	YES
L0008841	0	0.17450E-06	473362.6	3771027.6	302.6	4.00	3.95	1.86	YES
L0008842	0	0.17450E-06	473354.1	3771027.5	302.5	4.00	3.95	1.86	YES
L0008843	0	0.17450E-06	473345.6	3771027.4	302.3	4.00	3.95	1.86	YES
L0008844	0	0.17450E-06	473337.1	3771027.3	302.2	4.00	3.95	1.86	YES
L0008845	0	0.17450E-06	473328.6	3771027.1	302.1	4.00	3.95	1.86	YES
L0008846	0	0.17450E-06	473320.1	3771026.9	302.0	4.00	3.95	1.86	YES
L0008847	0	0.17450E-06	473311.6	3771026.8	302.0	4.00	3.95	1.86	YES
L0008848	0	0.17450E-06	473303.1	3771026.6	302.0	4.00	3.95	1.86	YES
L0008849	0	0.17450E-06	473294.6	3771026.5	302.0	4.00	3.95	1.86	YES
L0008850	0	0.17450E-06	473286.1	3771026.3	302.0	4.00	3.95	1.86	YES
L0008851	0	0.17450E-06	473277.6	3771026.1	302.0	4.00	3.95	1.86	YES
L0008852	0	0.17450E-06	473269.1	3771026.0	302.0	4.00	3.95	1.86	YES
L0008853	0	0.17450E-06	473260.6	3771025.8	302.0	4.00	3.95	1.86	YES
L0008854	0	0.17450E-06	473252.1	3771025.6	302.0	4.00	3.95	1.86	YES
L0008855	0	0.17450E-06	473243.6	3771025.5	302.0	4.00	3.95	1.86	YES
L0008856	0	0.17450E-06	473235.1	3771025.3	302.0	4.00	3.95	1.86	YES
L0008857	0	0.17450E-06	473226.6	3771025.2	302.0	4.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008858	0	0.17450E-06	473218.1	3771025.0	302.0	4.00	3.95	1.86	YES	
L0008859	0	0.17450E-06	473209.6	3771024.8	302.0	4.00	3.95	1.86	YES	
L0008860	0	0.17450E-06	473201.1	3771024.7	302.0	4.00	3.95	1.86	YES	
L0008861	0	0.17450E-06	473192.6	3771024.5	301.8	4.00	3.95	1.86	YES	
L0008862	0	0.17450E-06	473184.1	3771024.4	301.6	4.00	3.95	1.86	YES	
L0008863	0	0.17450E-06	473175.6	3771024.2	301.4	4.00	3.95	1.86	YES	
L0008864	0	0.17450E-06	473167.1	3771024.0	301.2	4.00	3.95	1.86	YES	
L0008865	0	0.17450E-06	473158.6	3771023.9	301.2	4.00	3.95	1.86	YES	
L0008866	0	0.17450E-06	473150.1	3771023.7	301.1	4.00	3.95	1.86	YES	
L0008867	0	0.17450E-06	473141.6	3771023.6	301.0	4.00	3.95	1.86	YES	
L0008868	0	0.17450E-06	473133.1	3771023.4	301.0	4.00	3.95	1.86	YES	
L0008869	0	0.17450E-06	473124.6	3771023.2	301.0	4.00	3.95	1.86	YES	
L0008870	0	0.17450E-06	473116.1	3771023.1	301.0	4.00	3.95	1.86	YES	
L0008871	0	0.17450E-06	473107.6	3771022.9	301.0	4.00	3.95	1.86	YES	
L0008872	0	0.17450E-06	473099.1	3771022.8	301.0	4.00	3.95	1.86	YES	
L0008873	0	0.17450E-06	473090.6	3771022.7	301.0	4.00	3.95	1.86	YES	
L0008874	0	0.17450E-06	473082.1	3771022.6	301.0	4.00	3.95	1.86	YES	
L0008875	0	0.17450E-06	473073.6	3771022.4	301.0	4.00	3.95	1.86	YES	
L0008876	0	0.17450E-06	473065.1	3771022.3	301.0	4.00	3.95	1.86	YES	
L0008877	0	0.17450E-06	473056.6	3771022.2	301.0	4.00	3.95	1.86	YES	
L0008878	0	0.17450E-06	473048.1	3771022.1	301.0	4.00	3.95	1.86	YES	
L0008879	0	0.17450E-06	473039.6	3771021.9	301.0	4.00	3.95	1.86	YES	
L0008880	0	0.17450E-06	473031.1	3771021.8	301.0	4.00	3.95	1.86	YES	
L0008881	0	0.17450E-06	473022.6	3771021.7	301.0	4.00	3.95	1.86	YES	

					RES				
L0008882	0	0.17450E-06	473014.1	3771021.6	300.9	4.00	3.95	1.86	YES
L0008883	0	0.17450E-06	473005.6	3771021.5	300.6	4.00	3.95	1.86	YES
L0008884	0	0.17450E-06	472997.1	3771021.3	300.4	4.00	3.95	1.86	YES
L0008885	0	0.17450E-06	472988.6	3771021.2	300.2	4.00	3.95	1.86	YES
L0008886	0	0.17450E-06	472980.1	3771021.1	300.1	4.00	3.95	1.86	YES
L0008887	0	0.17450E-06	472971.6	3771021.0	300.1	4.00	3.95	1.86	YES
L0008888	0	0.17450E-06	472963.1	3771020.8	300.0	4.00	3.95	1.86	YES
L0008889	0	0.17450E-06	472954.6	3771020.7	300.0	4.00	3.95	1.86	YES
L0008890	0	0.17450E-06	472946.1	3771020.6	300.0	4.00	3.95	1.86	YES
L0008891	0	0.17450E-06	472937.6	3771020.5	300.0	4.00	3.95	1.86	YES
L0008892	0	0.17450E-06	472929.1	3771020.3	300.0	4.00	3.95	1.86	YES
L0008893	0	0.17450E-06	472920.6	3771020.2	300.0	4.00	3.95	1.86	YES
L0008894	0	0.17450E-06	472912.1	3771020.1	300.0	4.00	3.95	1.86	YES
L0008895	0	0.17450E-06	472903.6	3771020.0	300.0	4.00	3.95	1.86	YES
L0008896	0	0.17450E-06	472895.1	3771019.9	300.0	4.00	3.95	1.86	YES
L0008897	0	0.17450E-06	472886.6	3771019.7	300.0	4.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008898	0	0.17450E-06	472878.1	3771019.6	300.0	4.00	3.95	1.86	YES	
L0008899	0	0.17450E-06	472869.9	3771017.9	300.0	4.00	3.95	1.86	YES	
L0008900	0	0.17450E-06	472862.0	3771014.9	299.9	4.00	3.95	1.86	YES	
L0008901	0	0.17450E-06	472854.0	3771012.0	299.9	4.00	3.95	1.86	YES	
L0008902	0	0.17450E-06	472846.0	3771009.1	299.8	4.00	3.95	1.86	YES	
L0008903	0	0.17450E-06	472838.0	3771006.2	299.7	4.00	3.95	1.86	YES	
L0008904	0	0.17450E-06	472830.0	3771003.2	299.7	4.00	3.95	1.86	YES	
L0008905	0	0.17450E-06	472822.2	3771000.0	299.8	4.00	3.95	1.86	YES	
L0008906	0	0.17450E-06	472815.3	3770995.0	299.9	4.00	3.95	1.86	YES	
L0008907	0	0.17450E-06	472808.4	3770990.1	300.0	4.00	3.95	1.86	YES	
L0008908	0	0.17450E-06	472801.5	3770985.1	299.7	4.00	3.95	1.86	YES	
L0008909	0	0.17450E-06	472794.6	3770980.2	299.5	4.00	3.95	1.86	YES	
L0008910	0	0.17450E-06	472787.7	3770975.3	299.4	4.00	3.95	1.86	YES	
L0008911	0	0.17450E-06	472780.8	3770970.3	299.5	4.00	3.95	1.86	YES	
L0008912	0	0.17450E-06	472773.8	3770965.4	300.0	4.00	3.95	1.86	YES	
L0008913	0	0.17450E-06	472766.9	3770960.4	300.4	4.00	3.95	1.86	YES	
L0008914	0	0.17450E-06	472760.0	3770955.5	300.7	4.00	3.95	1.86	YES	
L0008915	0	0.17450E-06	472753.1	3770950.5	300.9	4.00	3.95	1.86	YES	
L0008916	0	0.17450E-06	472746.2	3770945.6	301.1	4.00	3.95	1.86	YES	
L0008917	0	0.17450E-06	472739.3	3770940.6	301.4	4.00	3.95	1.86	YES	
L0008918	0	0.17450E-06	472732.9	3770935.0	301.8	4.00	3.95	1.86	YES	
L0008919	0	0.17450E-06	472726.8	3770929.1	302.4	4.00	3.95	1.86	YES	
L0008920	0	0.17450E-06	472720.6	3770923.3	303.0	4.00	3.95	1.86	YES	
L0008921	0	0.17450E-06	472714.5	3770917.4	303.3	4.00	3.95	1.86	YES	
L0008922	0	0.17450E-06	472708.3	3770911.6	303.5	4.00	3.95	1.86	YES	
L0008923	0	0.17450E-06	472702.1	3770905.7	303.7	4.00	3.95	1.86	YES	
L0008924	0	0.17450E-06	472696.0	3770899.8	303.9	4.00	3.95	1.86	YES	
L0008925	0	0.17450E-06	472689.8	3770894.0	304.1	4.00	3.95	1.86	YES	
L0008926	0	0.17450E-06	472683.7	3770888.1	303.8	4.00	3.95	1.86	YES	
L0008927	0	0.17450E-06	472677.5	3770882.3	303.5	4.00	3.95	1.86	YES	
L0008928	0	0.17450E-06	472671.4	3770876.4	303.0	4.00	3.95	1.86	YES	
L0008929	0	0.17450E-06	472665.2	3770870.5	302.5	4.00	3.95	1.86	YES	
L0008930	0	0.17450E-06	472659.1	3770864.7	301.9	4.00	3.95	1.86	YES	
L0008931	0	0.17450E-06	472652.9	3770858.8	301.3	4.00	3.95	1.86	YES	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008938	0	0.17450E-06	472609.8	3770817.8	299.2	4.00	3.95	1.86	YES	
L0008939	0	0.17450E-06	472603.6	3770811.9	299.1	4.00	3.95	1.86	YES	
L0008940	0	0.17450E-06	472597.5	3770806.1	299.0	4.00	3.95	1.86	YES	
L0008941	0	0.17450E-06	472591.3	3770800.2	298.8	4.00	3.95	1.86	YES	
L0008942	0	0.17450E-06	472585.2	3770794.3	298.6	4.00	3.95	1.86	YES	
L0008943	0	0.17450E-06	472579.0	3770788.5	298.4	4.00	3.95	1.86	YES	
L0008944	0	0.17450E-06	472572.9	3770782.6	298.2	4.00	3.95	1.86	YES	
L0008945	0	0.21830E-07	474277.8	3770440.2	306.0	0.00	3.95	1.86	YES	
L0008946	0	0.21830E-07	474277.9	3770448.7	306.0	0.00	3.95	1.86	YES	
L0008947	0	0.21830E-07	474278.0	3770457.2	306.0	0.00	3.95	1.86	YES	
L0008948	0	0.21830E-07	474278.1	3770465.7	306.0	0.00	3.95	1.86	YES	
L0008949	0	0.21830E-07	474278.2	3770474.2	306.0	0.00	3.95	1.86	YES	
L0008950	0	0.21830E-07	474278.3	3770482.7	306.0	0.00	3.95	1.86	YES	
L0008951	0	0.21830E-07	474278.4	3770491.2	306.0	0.00	3.95	1.86	YES	
L0008952	0	0.21830E-07	474278.5	3770499.7	306.0	0.00	3.95	1.86	YES	
L0008953	0	0.21830E-07	474278.6	3770508.2	306.0	0.00	3.95	1.86	YES	
L0008954	0	0.21830E-07	474278.7	3770516.7	306.0	0.00	3.95	1.86	YES	
L0008955	0	0.21830E-07	474278.8	3770525.2	306.0	0.00	3.95	1.86	YES	
L0008956	0	0.21830E-07	474278.9	3770533.6	306.0	0.00	3.95	1.86	YES	
L0008957	0	0.21830E-07	474279.0	3770542.1	306.0	0.00	3.95	1.86	YES	
L0008958	0	0.21830E-07	474279.1	3770550.6	306.0	0.00	3.95	1.86	YES	
L0008959	0	0.21830E-07	474279.2	3770559.1	306.0	0.00	3.95	1.86	YES	
L0008960	0	0.21830E-07	474279.3	3770567.6	306.0	0.00	3.95	1.86	YES	
L0008961	0	0.21830E-07	474279.4	3770576.1	306.3	0.00	3.95	1.86	YES	
L0008962	0	0.21830E-07	474279.5	3770584.6	306.6	0.00	3.95	1.86	YES	
L0008963	0	0.21830E-07	474279.6	3770593.1	306.9	0.00	3.95	1.86	YES	
L0008964	0	0.21830E-07	474279.7	3770601.6	307.0	0.00	3.95	1.86	YES	
L0008965	0	0.21830E-07	474279.8	3770610.1	307.0	0.00	3.95	1.86	YES	
L0008966	0	0.21830E-07	474279.9	3770618.6	307.0	0.00	3.95	1.86	YES	
L0008967	0	0.21830E-07	474280.0	3770627.1	307.0	0.00	3.95	1.86	YES	
L0008968	0	0.21830E-07	474280.1	3770635.6	307.0	0.00	3.95	1.86	YES	
L0008969	0	0.21830E-07	474280.2	3770644.1	307.0	0.00	3.95	1.86	YES	
L0008970	0	0.21830E-07	474280.3	3770652.6	307.0	0.00	3.95	1.86	YES	
L0008971	0	0.21830E-07	474280.4	3770661.1	307.0	0.00	3.95	1.86	YES	
L0008972	0	0.21830E-07	474280.6	3770669.6	307.0	0.00	3.95	1.86	YES	
L0008973	0	0.21830E-07	474280.7	3770678.1	307.0	0.00	3.95	1.86	YES	
L0008974	0	0.21830E-07	474280.8	3770686.6	307.0	0.00	3.95	1.86	YES	
L0008975	0	0.21830E-07	474280.9	3770695.1	307.0	0.00	3.95	1.86	YES	
L0008976	0	0.21830E-07	474281.0	3770703.6	307.0	0.00	3.95	1.86	YES	
L0008977	0	0.21830E-07	474281.1	3770712.1	307.0	0.00	3.95	1.86	YES	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0008978	0	0.21830E-07	474281.2	3770720.6	307.2	0.00	3.95	1.86	YES	
L0008979	0	0.21830E-07	474281.3	3770729.1	307.4	0.00	3.95	1.86	YES	
L0008980	0	0.21830E-07	474281.4	3770737.6	307.7	0.00	3.95	1.86	YES	
L0008981	0	0.21830E-07	474281.5	3770746.1	308.0	0.00	3.95	1.86	YES	
L0008982	0	0.21830E-07	474281.6	3770754.6	308.0	0.00	3.95	1.86	YES	
L0008983	0	0.21830E-07	474281.7	3770763.1	308.0	0.00	3.95	1.86	YES	
L0008984	0	0.21830E-07	474281.8	3770771.6	308.0	0.00	3.95	1.86	YES	
L0008985	0	0.21830E-07	474281.9	3770780.1	308.0	0.00	3.95	1.86	YES	
L0008986	0	0.21830E-07	474282.0	3770788.6	308.0	0.00	3.95	1.86	YES	
L0008987	0	0.21830E-07	474282.1	3770797.1	308.0	0.00	3.95	1.86	YES	
L0008988	0	0.21830E-07	474282.2	3770805.6	308.0	0.00	3.95	1.86	YES	
L0008989	0	0.21830E-07	474282.3	3770814.1	308.0	0.00	3.95	1.86	YES	
L0008990	0	0.21830E-07	474282.4	3770822.6	308.0	0.00	3.95	1.86	YES	
L0008991	0	0.21830E-07	474282.5	3770831.1	308.0	0.00	3.95	1.86	YES	
L0008992	0	0.21830E-07	474282.6	3770839.6	308.0	0.00	3.95	1.86	YES	
L0008993	0	0.21830E-07	474282.7	3770848.1	308.0	0.00	3.95	1.86	YES	
L0008994	0	0.21830E-07	474282.8	3770856.6	308.0	0.00	3.95	1.86	YES	
L0008995	0	0.21830E-07	474282.9	3770865.1	308.0	0.00	3.95	1.86	YES	
L0008996	0	0.21830E-07	474283.0	3770873.6	308.0	0.00	3.95	1.86	YES	
L0008997	0	0.21830E-07	474283.1	3770882.1	308.0	0.00	3.95	1.86	YES	
L0008998	0	0.21830E-07	474283.2	3770890.6	308.0	0.00	3.95	1.86	YES	
L0008999	0	0.21830E-07	474283.3	3770899.1	308.0	0.00	3.95	1.86	YES	
L0009000	0	0.21830E-07	474283.4	3770907.6	308.0	0.00	3.95	1.86	YES	
L0009001	0	0.21830E-07	474283.5	3770916.1	308.0	0.00	3.95	1.86	YES	
L0009002	0	0.21830E-07	474283.6	3770924.6	308.0	0.00	3.95	1.86	YES	
L0009003	0	0.21830E-07	474283.7	3770933.1	308.2	0.00	3.95	1.86	YES	
L0009004	0	0.21830E-07	474283.8	3770941.6	308.5	0.00	3.95	1.86	YES	
L0009005	0	0.21830E-07	474283.9	3770950.1	308.8	0.00	3.95	1.86	YES	
L0009006	0	0.21830E-07	474284.0	3770958.6	309.0	0.00	3.95	1.86	YES	
L0009007	0	0.21830E-07	474284.1	3770967.1	309.0	0.00	3.95	1.86	YES	
L0009008	0	0.21830E-07	474284.2	3770975.6	309.0	0.00	3.95	1.86	YES	
L0009009	0	0.21830E-07	474284.3	3770984.1	309.0	0.00	3.95	1.86	YES	
L0009010	0	0.21830E-07	474284.5	3770992.6	309.0	0.00	3.95	1.86	YES	
L0009011	0	0.21830E-07	474284.6	3771001.1	309.0	0.00	3.95	1.86	YES	
L0009012	0	0.21830E-07	474284.7	3771009.6	309.0	0.00	3.95	1.86	YES	
L0009013	0	0.21830E-07	474284.8	3771018.1	309.0	0.00	3.95	1.86	YES	
L0009014	0	0.21830E-07	474284.9	3771026.6	309.0	0.00	3.95	1.86	YES	
L0009015	0	0.21830E-07	474280.5	3771030.7	309.0	0.00	3.95	1.86	YES	
L0009016	0	0.21830E-07	474272.0	3771030.7	309.0	0.00	3.95	1.86	YES	
L0009017	0	0.21830E-07	474263.5	3771030.8	309.0	0.00	3.95	1.86	YES	

*** VOLUME SOURCE DATA ***

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

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0009018	0	0.21830E-07	474255.0	3771030.8	309.0	0.00	3.95	1.86	YES	
L0009019	0	0.21830E-07	474246.5	3771030.8	308.9	0.00	3.95	1.86	YES	
L0009020	0	0.21830E-07	474238.0	3771030.8	308.6	0.00	3.95	1.86	YES	
L0009021	0	0.21830E-07	474229.5	3771030.8	308.3	0.00	3.95	1.86	YES	
L0009022	0	0.21830E-07	474221.0	3771030.8	308.0	0.00	3.95	1.86	YES	
L0009023	0	0.21830E-07	474212.5	3771030.8	308.0	0.00	3.95	1.86	YES	
L0009024	0	0.21830E-07	474204.0	3771030.9	308.0	0.00	3.95	1.86	YES	
L0009025	0	0.21830E-07	474195.5	3771030.9	308.0	0.00	3.95	1.86	YES	
L0009026	0	0.21830E-07	474187.0	3771030.9	308.0	0.00	3.95	1.86	YES	
L0009027	0	0.21830E-07	474178.5	3771030.9	308.0	0.00	3.95	1.86	YES	
L0009028	0	0.21830E-07	474170.0	3771030.9	308.0	0.00	3.95	1.86	YES	
L0009029	0	0.21830E-07	474161.5	3771030.9	308.0	0.00	3.95	1.86	YES	
L0009030	0	0.21830E-07	474153.0	3771030.9	308.0	0.00	3.95	1.86	YES	
L0009031	0	0.21830E-07	474144.5	3771030.9	308.0	0.00	3.95	1.86	YES	
L0009032	0	0.21830E-07	474136.0	3771031.0	308.0	0.00	3.95	1.86	YES	
L0009033	0	0.21830E-07	474127.5	3771031.0	308.0	0.00	3.95	1.86	YES	
L0009034	0	0.21830E-07	474119.0	3771031.0	308.0	0.00	3.95	1.86	YES	
L0009035	0	0.21830E-07	474110.5	3771031.0	308.0	0.00	3.95	1.86	YES	
L0009036	0	0.21830E-07	474102.0	3771031.0	308.0	0.00	3.95	1.86	YES	
L0009037	0	0.21830E-07	474093.5	3771031.0	308.0	0.00	3.95	1.86	YES	
L0009038	0	0.21830E-07	474085.0	3771031.0	308.0	0.00	3.95	1.86	YES	
L0009039	0	0.21830E-07	474076.5	3771031.1	308.0	0.00	3.95	1.86	YES	
L0009040	0	0.21830E-07	474068.0	3771031.1	308.0	0.00	3.95	1.86	YES	
L0009041	0	0.21830E-07	474059.5	3771031.1	308.0	0.00	3.95	1.86	YES	
L0009042	0	0.21830E-07	474051.0	3771031.1	308.0	0.00	3.95	1.86	YES	
L0009043	0	0.21830E-07	474042.5	3771031.1	308.0	0.00	3.95	1.86	YES	
L0009044	0	0.21830E-07	474034.0	3771031.1	308.0	0.00	3.95	1.86	YES	
L0009045	0	0.21830E-07	474025.5	3771031.1	308.0	0.00	3.95	1.86	YES	
L0009046	0	0.21830E-07	474017.0	3771031.2	308.0	0.00	3.95	1.86	YES	
L0009047	0	0.21830E-07	474008.5	3771031.2	308.0	0.00	3.95	1.86	YES	
L0009048	0	0.21830E-07	474000.0	3771031.2	307.7	0.00	3.95	1.86	YES	
L0009049	0	0.21830E-07	473991.5	3771031.2	307.4	0.00	3.95	1.86	YES	
L0009050	0	0.21830E-07	473983.0	3771031.2	307.1	0.00	3.95	1.86	YES	
L0009051	0	0.21830E-07	473974.5	3771031.2	307.0	0.00	3.95	1.86	YES	
L0009052	0	0.21830E-07	473966.0	3771031.2	307.0	0.00	3.95	1.86	YES	
L0009053	0	0.21830E-07	473957.5	3771031.2	307.0	0.00	3.95	1.86	YES	
L0009054	0	0.21830E-07	473949.0	3771031.3	307.0	0.00	3.95	1.86	YES	
L0009055	0	0.21830E-07	473940.5	3771031.3	307.0	0.00	3.95	1.86	YES	
L0009056	0	0.21830E-07	473932.0	3771031.3	307.0	0.00	3.95	1.86	YES	
L0009057	0	0.21830E-07	473923.5	3771031.3	307.0	0.00	3.95	1.86	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0009058	0	0.21830E-07	473915.0	3771031.3	307.0	0.00	3.95	1.86	YES	
L0009059	0	0.21830E-07	473906.5	3771031.3	307.0	0.00	3.95	1.86	YES	
L0009060	0	0.21830E-07	473898.0	3771031.3	307.0	0.00	3.95	1.86	YES	
L0009061	0	0.21830E-07	473889.5	3771031.4	307.0	0.00	3.95	1.86	YES	
L0009062	0	0.21830E-07	473881.0	3771031.4	306.9	0.00	3.95	1.86	YES	
L0009063	0	0.21830E-07	473872.5	3771031.4	306.7	0.00	3.95	1.86	YES	
L0009064	0	0.21830E-07	473864.0	3771031.4	306.6	0.00	3.95	1.86	YES	

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L0009065	0	0.21830E-07	473855.5	3771031.4	306.4	0.00	3.95	1.86	YES
L0009066	0	0.21830E-07	473847.0	3771031.4	306.3	0.00	3.95	1.86	YES
L0009067	0	0.21830E-07	473838.5	3771031.4	306.2	0.00	3.95	1.86	YES
L0009068	0	0.21830E-07	473830.0	3771031.4	306.0	0.00	3.95	1.86	YES
L0009069	0	0.21830E-07	473821.5	3771031.5	306.0	0.00	3.95	1.86	YES
L0009070	0	0.21830E-07	473813.0	3771031.5	306.0	0.00	3.95	1.86	YES
L0009071	0	0.21830E-07	473804.5	3771031.4	306.0	0.00	3.95	1.86	YES
L0009072	0	0.21830E-07	473796.0	3771031.3	306.0	0.00	3.95	1.86	YES
L0009073	0	0.21830E-07	473787.5	3771031.3	306.0	0.00	3.95	1.86	YES
L0009074	0	0.21830E-07	473779.0	3771031.2	306.0	0.00	3.95	1.86	YES
L0009075	0	0.21830E-07	473770.5	3771031.1	306.0	0.00	3.95	1.86	YES
L0009076	0	0.21830E-07	473762.0	3771031.0	305.7	0.00	3.95	1.86	YES
L0009077	0	0.21830E-07	473753.5	3771031.0	305.5	0.00	3.95	1.86	YES
L0009078	0	0.21830E-07	473745.0	3771030.9	305.2	0.00	3.95	1.86	YES
L0009079	0	0.21830E-07	473736.5	3771030.8	305.0	0.00	3.95	1.86	YES
L0009080	0	0.21830E-07	473728.0	3771030.8	305.0	0.00	3.95	1.86	YES
L0009081	0	0.21830E-07	473719.5	3771030.7	305.0	0.00	3.95	1.86	YES
L0009082	0	0.21830E-07	473711.0	3771030.6	305.0	0.00	3.95	1.86	YES
L0009083	0	0.21830E-07	473702.5	3771030.5	305.0	0.00	3.95	1.86	YES
L0009084	0	0.21830E-07	473694.0	3771030.5	305.0	0.00	3.95	1.86	YES
L0009085	0	0.21830E-07	473685.5	3771030.4	305.0	0.00	3.95	1.86	YES
L0009086	0	0.21830E-07	473677.0	3771030.3	305.0	0.00	3.95	1.86	YES
L0009087	0	0.21830E-07	473668.5	3771030.2	305.0	0.00	3.95	1.86	YES
L0009088	0	0.21830E-07	473660.0	3771030.2	305.0	0.00	3.95	1.86	YES
L0009089	0	0.21830E-07	473651.5	3771030.1	305.0	0.00	3.95	1.86	YES
L0009090	0	0.21830E-07	473643.0	3771030.0	304.8	0.00	3.95	1.86	YES
L0009091	0	0.21830E-07	473634.5	3771030.0	304.5	0.00	3.95	1.86	YES
L0009092	0	0.21830E-07	473626.0	3771029.9	304.2	0.00	3.95	1.86	YES
L0009093	0	0.21830E-07	473617.5	3771029.8	304.0	0.00	3.95	1.86	YES
L0009094	0	0.21830E-07	473609.0	3771029.7	304.0	0.00	3.95	1.86	YES
L0009095	0	0.21830E-07	473600.5	3771029.7	304.0	0.00	3.95	1.86	YES
L0009096	0	0.21830E-07	473592.0	3771029.6	304.0	0.00	3.95	1.86	YES
L0009097	0	0.21830E-07	473583.5	3771029.5	304.0	0.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0009098	0	0.21830E-07	473575.0	3771029.4	304.0	0.00	3.95	1.86	YES	
L0009099	0	0.21830E-07	473566.5	3771029.4	304.0	0.00	3.95	1.86	YES	
L0009100	0	0.21830E-07	473558.0	3771029.3	304.0	0.00	3.95	1.86	YES	
L0009101	0	0.21830E-07	473549.5	3771029.2	304.0	0.00	3.95	1.86	YES	
L0009102	0	0.21830E-07	473541.0	3771029.1	304.0	0.00	3.95	1.86	YES	
L0009103	0	0.21830E-07	473532.5	3771029.1	304.0	0.00	3.95	1.86	YES	
L0009104	0	0.21830E-07	473524.0	3771029.0	303.9	0.00	3.95	1.86	YES	
L0009105	0	0.21830E-07	473515.5	3771028.9	303.7	0.00	3.95	1.86	YES	
L0009106	0	0.21830E-07	473507.0	3771028.9	303.6	0.00	3.95	1.86	YES	
L0009107	0	0.21830E-07	473498.5	3771028.8	303.4	0.00	3.95	1.86	YES	
L0009108	0	0.21830E-07	473490.0	3771028.7	303.3	0.00	3.95	1.86	YES	
L0009109	0	0.21830E-07	473481.5	3771028.6	303.2	0.00	3.95	1.86	YES	
L0009110	0	0.21830E-07	473473.0	3771028.6	303.0	0.00	3.95	1.86	YES	
L0009111	0	0.21830E-07	473464.5	3771028.5	303.0	0.00	3.95	1.86	YES	
L0009112	0	0.21830E-07	473456.0	3771028.4	303.0	0.00	3.95	1.86	YES	
L0009113	0	0.21830E-07	473447.5	3771028.3	303.0	0.00	3.95	1.86	YES	
L0009114	0	0.21830E-07	473439.0	3771028.3	303.0	0.00	3.95	1.86	YES	

					RES					
L0009115	0	0.21830E-07	473430.5	3771028.2	303.0	0.00	3.95	1.86	YES	
L0009116	0	0.21830E-07	473422.0	3771028.1	303.0	0.00	3.95	1.86	YES	
L0009117	0	0.21830E-07	473413.5	3771028.1	303.0	0.00	3.95	1.86	YES	
L0009118	0	0.21830E-07	473405.0	3771028.0	303.0	0.00	3.95	1.86	YES	
L0009119	0	0.21830E-07	473396.5	3771027.9	303.0	0.00	3.95	1.86	YES	
L0009120	0	0.21830E-07	473388.0	3771027.8	303.0	0.00	3.95	1.86	YES	
L0009121	0	0.21830E-07	473379.5	3771027.8	303.0	0.00	3.95	1.86	YES	
L0009122	0	0.21830E-07	473371.0	3771027.7	302.8	0.00	3.95	1.86	YES	
L0009123	0	0.21830E-07	473362.5	3771027.6	302.6	0.00	3.95	1.86	YES	
L0009124	0	0.21830E-07	473354.0	3771027.5	302.5	0.00	3.95	1.86	YES	
L0009125	0	0.21830E-07	473345.5	3771027.4	302.3	0.00	3.95	1.86	YES	
L0009126	0	0.21830E-07	473337.0	3771027.3	302.2	0.00	3.95	1.86	YES	
L0009127	0	0.21830E-07	473328.5	3771027.1	302.1	0.00	3.95	1.86	YES	
L0009128	0	0.21830E-07	473320.0	3771026.9	302.0	0.00	3.95	1.86	YES	
L0009129	0	0.21830E-07	473311.5	3771026.8	302.0	0.00	3.95	1.86	YES	
L0009130	0	0.21830E-07	473303.0	3771026.6	302.0	0.00	3.95	1.86	YES	
L0009131	0	0.21830E-07	473294.6	3771026.5	302.0	0.00	3.95	1.86	YES	
L0009132	0	0.21830E-07	473286.1	3771026.3	302.0	0.00	3.95	1.86	YES	
L0009133	0	0.21830E-07	473277.6	3771026.1	302.0	0.00	3.95	1.86	YES	
L0009134	0	0.21830E-07	473269.1	3771026.0	302.0	0.00	3.95	1.86	YES	
L0009135	0	0.21830E-07	473260.6	3771025.8	302.0	0.00	3.95	1.86	YES	
L0009136	0	0.21830E-07	473252.1	3771025.6	302.0	0.00	3.95	1.86	YES	
L0009137	0	0.21830E-07	473243.6	3771025.5	302.0	0.00	3.95	1.86	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0009138	0	0.21830E-07	473235.1	3771025.3	302.0	0.00	3.95	1.86	YES	
L0009139	0	0.21830E-07	473226.6	3771025.2	302.0	0.00	3.95	1.86	YES	
L0009140	0	0.21830E-07	473218.1	3771025.0	302.0	0.00	3.95	1.86	YES	
L0009141	0	0.21830E-07	473209.6	3771024.8	302.0	0.00	3.95	1.86	YES	
L0009142	0	0.21830E-07	473201.1	3771024.7	302.0	0.00	3.95	1.86	YES	
L0009143	0	0.21830E-07	473192.6	3771024.5	301.8	0.00	3.95	1.86	YES	
L0009144	0	0.21830E-07	473184.1	3771024.4	301.6	0.00	3.95	1.86	YES	
L0009145	0	0.21830E-07	473175.6	3771024.2	301.4	0.00	3.95	1.86	YES	
L0009146	0	0.21830E-07	473167.1	3771024.0	301.2	0.00	3.95	1.86	YES	
L0009147	0	0.21830E-07	473158.6	3771023.9	301.2	0.00	3.95	1.86	YES	
L0009148	0	0.21830E-07	473150.1	3771023.7	301.1	0.00	3.95	1.86	YES	
L0009149	0	0.21830E-07	473141.6	3771023.6	301.0	0.00	3.95	1.86	YES	
L0009150	0	0.21830E-07	473133.1	3771023.4	301.0	0.00	3.95	1.86	YES	
L0009151	0	0.21830E-07	473124.6	3771023.2	301.0	0.00	3.95	1.86	YES	
L0009152	0	0.21830E-07	473116.1	3771023.1	301.0	0.00	3.95	1.86	YES	
L0009153	0	0.21830E-07	473107.6	3771022.9	301.0	0.00	3.95	1.86	YES	
L0009154	0	0.21830E-07	473099.1	3771022.8	301.0	0.00	3.95	1.86	YES	
L0009155	0	0.21830E-07	473090.6	3771022.7	301.0	0.00	3.95	1.86	YES	
L0009156	0	0.21830E-07	473082.1	3771022.6	301.0	0.00	3.95	1.86	YES	
L0009157	0	0.21830E-07	473073.6	3771022.4	301.0	0.00	3.95	1.86	YES	
L0009158	0	0.21830E-07	473065.1	3771022.3	301.0	0.00	3.95	1.86	YES	
L0009159	0	0.21830E-07	473056.6	3771022.2	301.0	0.00	3.95	1.86	YES	
L0009160	0	0.21830E-07	473048.1	3771022.1	301.0	0.00	3.95	1.86	YES	
L0009161	0	0.21830E-07	473039.6	3771021.9	301.0	0.00	3.95	1.86	YES	
L0009162	0	0.21830E-07	473031.1	3771021.8	301.0	0.00	3.95	1.86	YES	
L0009163	0	0.21830E-07	473022.6	3771021.7	301.0	0.00	3.95	1.86	YES	
L0009164	0	0.21830E-07	473014.1	3771021.6	300.8	0.00	3.95	1.86	YES	

L0009165	0	0.21830E-07	473005.6	3771021.5	300.6	0.00	3.95	1.86	YES
L0009166	0	0.21830E-07	472997.1	3771021.3	300.4	0.00	3.95	1.86	YES
L0009167	0	0.21830E-07	472988.6	3771021.2	300.2	0.00	3.95	1.86	YES
L0009168	0	0.21830E-07	472980.1	3771021.1	300.1	0.00	3.95	1.86	YES
L0009169	0	0.21830E-07	472971.6	3771021.0	300.1	0.00	3.95	1.86	YES
L0009170	0	0.21830E-07	472963.1	3771020.8	300.0	0.00	3.95	1.86	YES
L0009171	0	0.21830E-07	472954.6	3771020.7	300.0	0.00	3.95	1.86	YES
L0009172	0	0.21830E-07	472946.1	3771020.6	300.0	0.00	3.95	1.86	YES
L0009173	0	0.21830E-07	472937.6	3771020.5	300.0	0.00	3.95	1.86	YES
L0009174	0	0.21830E-07	472929.1	3771020.3	300.0	0.00	3.95	1.86	YES
L0009175	0	0.21830E-07	472920.6	3771020.2	300.0	0.00	3.95	1.86	YES
L0009176	0	0.21830E-07	472912.1	3771020.1	300.0	0.00	3.95	1.86	YES
L0009177	0	0.21830E-07	472903.6	3771020.0	300.0	0.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0009178	0	0.21830E-07	472895.1	3771019.9	300.0	0.00	3.95	1.86	YES	
L0009179	0	0.21830E-07	472886.6	3771019.7	300.0	0.00	3.95	1.86	YES	
L0009180	0	0.21830E-07	472878.1	3771019.6	300.0	0.00	3.95	1.86	YES	
L0009181	0	0.21830E-07	472869.9	3771017.9	300.0	0.00	3.95	1.86	YES	
L0009182	0	0.21830E-07	472861.9	3771014.9	299.9	0.00	3.95	1.86	YES	
L0009183	0	0.21830E-07	472854.0	3771012.0	299.9	0.00	3.95	1.86	YES	
L0009184	0	0.21830E-07	472846.0	3771009.1	299.8	0.00	3.95	1.86	YES	
L0009185	0	0.21830E-07	472838.0	3771006.1	299.7	0.00	3.95	1.86	YES	
L0009186	0	0.21830E-07	472830.0	3771003.2	299.7	0.00	3.95	1.86	YES	
L0009187	0	0.21830E-07	472822.2	3771000.0	299.8	0.00	3.95	1.86	YES	
L0009188	0	0.21830E-07	472815.3	3770995.0	299.9	0.00	3.95	1.86	YES	
L0009189	0	0.21830E-07	472808.4	3770990.1	300.0	0.00	3.95	1.86	YES	
L0009190	0	0.21830E-07	472801.5	3770985.1	299.7	0.00	3.95	1.86	YES	
L0009191	0	0.21830E-07	472794.6	3770980.2	299.5	0.00	3.95	1.86	YES	
L0009192	0	0.21830E-07	472787.6	3770975.2	299.4	0.00	3.95	1.86	YES	
L0009193	0	0.21830E-07	472780.7	3770970.3	299.5	0.00	3.95	1.86	YES	
L0009194	0	0.21830E-07	472773.8	3770965.3	300.0	0.00	3.95	1.86	YES	
L0009195	0	0.21830E-07	472766.9	3770960.4	300.4	0.00	3.95	1.86	YES	
L0009196	0	0.21830E-07	472760.0	3770955.4	300.7	0.00	3.95	1.86	YES	
L0009197	0	0.21830E-07	472753.1	3770950.5	300.9	0.00	3.95	1.86	YES	
L0009198	0	0.21830E-07	472746.2	3770945.6	301.1	0.00	3.95	1.86	YES	
L0009199	0	0.21830E-07	472739.2	3770940.6	301.4	0.00	3.95	1.86	YES	
L0009200	0	0.21830E-07	472732.9	3770935.0	301.8	0.00	3.95	1.86	YES	
L0009201	0	0.21830E-07	472726.8	3770929.1	302.4	0.00	3.95	1.86	YES	
L0009202	0	0.21830E-07	472720.6	3770923.3	303.0	0.00	3.95	1.86	YES	
L0009203	0	0.21830E-07	472714.4	3770917.4	303.3	0.00	3.95	1.86	YES	
L0009204	0	0.21830E-07	472708.3	3770911.5	303.5	0.00	3.95	1.86	YES	
L0009205	0	0.21830E-07	472702.1	3770905.7	303.7	0.00	3.95	1.86	YES	
L0009206	0	0.21830E-07	472696.0	3770899.8	303.9	0.00	3.95	1.86	YES	
L0009207	0	0.21830E-07	472689.8	3770894.0	304.1	0.00	3.95	1.86	YES	
L0009208	0	0.21830E-07	472683.7	3770888.1	303.8	0.00	3.95	1.86	YES	
L0009209	0	0.21830E-07	472677.5	3770882.2	303.5	0.00	3.95	1.86	YES	
L0009210	0	0.21830E-07	472671.3	3770876.4	303.0	0.00	3.95	1.86	YES	
L0009211	0	0.21830E-07	472665.2	3770870.5	302.5	0.00	3.95	1.86	YES	
L0009212	0	0.21830E-07	472659.0	3770864.6	301.9	0.00	3.95	1.86	YES	
L0009213	0	0.21830E-07	472652.9	3770858.8	301.3	0.00	3.95	1.86	YES	
L0009214	0	0.21830E-07	472646.7	3770852.9	300.7	0.00	3.95	1.86	YES	

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                                                    RES
 L0009215         0   0.21830E-07  472640.6 3770847.1   300.1     0.00     3.95     1.86     YES
 L0009216         0   0.21830E-07  472634.4 3770841.2   299.5     0.00     3.95     1.86     YES
 L0009217         0   0.21830E-07  472628.2 3770835.3   299.0     0.00     3.95     1.86     YES
♀ *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\GWS\HRA\Worker\Worker.isc                    ***
    03/29/17
 *** AERMET - VERSION  14134 ***   ***                                                                 ***
   12:07:10

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


                                          *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID        CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0009218         0   0.21830E-07  472622.1 3770829.5   299.2     0.00     3.95     1.86     YES
 L0009219         0   0.21830E-07  472615.9 3770823.6   299.2     0.00     3.95     1.86     YES
 L0009220         0   0.21830E-07  472609.8 3770817.8   299.2     0.00     3.95     1.86     YES
 L0009221         0   0.21830E-07  472603.6 3770811.9   299.1     0.00     3.95     1.86     YES
 L0009222         0   0.21830E-07  472597.5 3770806.0   299.0     0.00     3.95     1.86     YES
 L0009223         0   0.21830E-07  472591.3 3770800.2   298.8     0.00     3.95     1.86     YES
 L0009224         0   0.21830E-07  472585.1 3770794.3   298.6     0.00     3.95     1.86     YES
 L0009225         0   0.21830E-07  472579.0 3770788.5   298.4     0.00     3.95     1.86     YES
 L0009226         0   0.21830E-07  472572.8 3770782.6   298.2     0.00     3.95     1.86     YES
 L0009227         0   0.23990E-06  474277.0 3770436.7   306.0     4.00     3.95     1.86     YES
 L0009228         0   0.23990E-06  474277.0 3770428.2   306.0     4.00     3.95     1.86     YES
 L0009229         0   0.23990E-06  474277.1 3770419.7   306.0     4.00     3.95     1.86     YES
 L0009230         0   0.23990E-06  474277.1 3770411.2   306.0     4.00     3.95     1.86     YES
 L0009231         0   0.23990E-06  474277.1 3770402.7   306.0     4.00     3.95     1.86     YES
 L0009232         0   0.23990E-06  474277.2 3770394.2   306.0     4.00     3.95     1.86     YES
 L0009233         0   0.23990E-06  474277.2 3770385.7   306.0     4.00     3.95     1.86     YES
 L0009234         0   0.23990E-06  474277.2 3770377.2   306.0     4.00     3.95     1.86     YES
 L0009235         0   0.23990E-06  474277.3 3770368.7   306.0     4.00     3.95     1.86     YES
 L0009236         0   0.23990E-06  474277.3 3770360.2   306.0     4.00     3.95     1.86     YES
 L0009237         0   0.23990E-06  474277.4 3770351.7   306.0     4.00     3.95     1.86     YES
 L0009238         0   0.23990E-06  474277.4 3770343.2   306.0     4.00     3.95     1.86     YES
 L0009239         0   0.23990E-06  474277.4 3770334.7   305.9     4.00     3.95     1.86     YES
 L0009240         0   0.23990E-06  474277.5 3770326.2   305.9     4.00     3.95     1.86     YES
 L0009241         0   0.23990E-06  474277.5 3770317.7   305.7     4.00     3.95     1.86     YES
 L0009242         0   0.23990E-06  474277.6 3770309.2   305.4     4.00     3.95     1.86     YES
 L0009243         0   0.23990E-06  474277.6 3770300.7   305.1     4.00     3.95     1.86     YES
 L0009244         0   0.23990E-06  474277.6 3770292.2   305.0     4.00     3.95     1.86     YES
 L0009245         0   0.23990E-06  474277.7 3770283.7   305.0     4.00     3.95     1.86     YES
 L0009246         0   0.23990E-06  474277.7 3770275.2   305.0     4.00     3.95     1.86     YES
 L0009247         0   0.23990E-06  474277.8 3770266.7   305.0     4.00     3.95     1.86     YES
 L0009248         0   0.23990E-06  474277.8 3770258.2   305.0     4.00     3.95     1.86     YES
 L0009249         0   0.23990E-06  474277.8 3770249.7   305.0     4.00     3.95     1.86     YES
 L0009250         0   0.23990E-06  474277.9 3770241.2   305.0     4.00     3.95     1.86     YES
 L0009251         0   0.23990E-06  474277.9 3770232.7   305.0     4.00     3.95     1.86     YES
 L0009252         0   0.23990E-06  474277.9 3770224.2   305.0     4.00     3.95     1.86     YES
 L0009253         0   0.23990E-06  474278.0 3770215.7   305.0     4.00     3.95     1.86     YES
 L0009254         0   0.23990E-06  474278.0 3770207.2   305.0     4.00     3.95     1.86     YES
 L0009255         0   0.23990E-06  474278.1 3770198.7   305.0     4.00     3.95     1.86     YES
 L0009256         0   0.23990E-06  474278.1 3770190.2   305.0     4.00     3.95     1.86     YES
 L0009257         0   0.23990E-06  474278.1 3770181.7   305.0     4.00     3.95     1.86     YES
♀ *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\GWS\HRA\Worker\Worker.isc                    ***
    03/29/17
 *** AERMET - VERSION  14134 ***   ***                                                                 ***
   12:07:10

   PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0009258	0	0.23990E-06	474278.2	3770173.2	305.0	4.00	3.95	1.86	YES	
L0009259	0	0.23990E-06	474278.2	3770164.7	305.0	4.00	3.95	1.86	YES	
L0009260	0	0.23990E-06	474278.3	3770156.2	305.0	4.00	3.95	1.86	YES	
L0009261	0	0.23990E-06	474278.3	3770147.7	305.0	4.00	3.95	1.86	YES	
L0009262	0	0.23990E-06	474278.3	3770139.2	305.0	4.00	3.95	1.86	YES	
L0009263	0	0.23990E-06	474278.4	3770130.7	305.0	4.00	3.95	1.86	YES	
L0009264	0	0.23990E-06	474278.4	3770122.2	305.0	4.00	3.95	1.86	YES	
L0009265	0	0.23990E-06	474278.4	3770113.7	305.0	4.00	3.95	1.86	YES	
L0009266	0	0.23990E-06	474278.5	3770105.2	305.0	4.00	3.95	1.86	YES	
L0009267	0	0.23990E-06	474278.5	3770096.7	305.0	4.00	3.95	1.86	YES	
L0009268	0	0.23990E-06	474278.6	3770088.2	305.0	4.00	3.95	1.86	YES	
L0009269	0	0.23990E-06	474278.6	3770079.7	305.0	4.00	3.95	1.86	YES	
L0009270	0	0.23990E-06	474278.6	3770071.2	305.0	4.00	3.95	1.86	YES	
L0009271	0	0.23990E-06	474278.7	3770062.7	305.0	4.00	3.95	1.86	YES	
L0009272	0	0.23990E-06	474278.7	3770054.2	305.0	4.00	3.95	1.86	YES	
L0009273	0	0.23990E-06	474278.8	3770045.7	305.0	4.00	3.95	1.86	YES	
L0009274	0	0.23990E-06	474278.8	3770037.2	305.0	4.00	3.95	1.86	YES	
L0009275	0	0.23990E-06	474278.8	3770028.7	305.0	4.00	3.95	1.86	YES	
L0009276	0	0.23990E-06	474278.9	3770020.2	305.0	4.00	3.95	1.86	YES	
L0009277	0	0.23990E-06	474278.9	3770011.7	305.0	4.00	3.95	1.86	YES	
L0009278	0	0.23990E-06	474278.9	3770003.2	305.0	4.00	3.95	1.86	YES	
L0009279	0	0.23990E-06	474279.0	3769994.7	305.0	4.00	3.95	1.86	YES	
L0009280	0	0.23990E-06	474279.0	3769986.2	305.0	4.00	3.95	1.86	YES	
L0009281	0	0.23990E-06	474279.1	3769977.7	305.0	4.00	3.95	1.86	YES	
L0009282	0	0.23990E-06	474279.1	3769969.2	305.0	4.00	3.95	1.86	YES	
L0009283	0	0.23990E-06	474279.1	3769960.7	305.0	4.00	3.95	1.86	YES	
L0009284	0	0.23990E-06	474279.2	3769952.2	305.0	4.00	3.95	1.86	YES	
L0009285	0	0.23990E-06	474279.2	3769943.7	305.0	4.00	3.95	1.86	YES	
L0009286	0	0.23990E-06	474279.3	3769935.2	305.0	4.00	3.95	1.86	YES	
L0009287	0	0.23990E-06	474279.3	3769926.7	305.3	4.00	3.95	1.86	YES	
L0009288	0	0.23990E-06	474279.3	3769918.2	305.6	4.00	3.95	1.86	YES	
L0009289	0	0.23990E-06	474279.4	3769909.7	305.9	4.00	3.95	1.86	YES	
L0009290	0	0.23990E-06	474279.4	3769901.2	306.0	4.00	3.95	1.86	YES	
L0009291	0	0.23990E-06	474279.5	3769892.7	306.0	4.00	3.95	1.86	YES	
L0009292	0	0.23990E-06	474279.5	3769884.2	306.0	4.00	3.95	1.86	YES	
L0009293	0	0.23990E-06	474279.5	3769875.7	306.0	4.00	3.95	1.86	YES	
L0009294	0	0.23990E-06	474279.6	3769867.2	306.0	4.00	3.95	1.86	YES	
L0009295	0	0.23990E-06	474279.6	3769858.7	306.0	4.00	3.95	1.86	YES	
L0009296	0	0.23990E-06	474279.6	3769850.2	306.0	4.00	3.95	1.86	YES	
L0009297	0	0.23990E-06	474279.7	3769841.7	306.0	4.00	3.95	1.86	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

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

					RES					
L0009298	0	0.23990E-06	474279.7	3769833.2	306.0	4.00	3.95	1.86	YES	
L0009299	0	0.23990E-06	474279.8	3769824.7	306.0	4.00	3.95	1.86	YES	
L0009300	0	0.23990E-06	474279.8	3769816.2	306.0	4.00	3.95	1.86	YES	
L0009301	0	0.23990E-06	474279.8	3769807.7	306.3	4.00	3.95	1.86	YES	
L0009302	0	0.23990E-06	474279.9	3769799.2	306.6	4.00	3.95	1.86	YES	
L0009303	0	0.23990E-06	474279.9	3769790.7	306.9	4.00	3.95	1.86	YES	
L0009304	0	0.23990E-06	474280.0	3769782.2	307.0	4.00	3.95	1.86	YES	
L0009305	0	0.23990E-06	474280.0	3769773.7	307.0	4.00	3.95	1.86	YES	
L0009306	0	0.23990E-06	474280.0	3769765.2	307.0	4.00	3.95	1.86	YES	
L0009307	0	0.23990E-06	474280.1	3769756.7	307.0	4.00	3.95	1.86	YES	
L0009308	0	0.23990E-06	474280.1	3769748.2	307.0	4.00	3.95	1.86	YES	
L0009309	0	0.23990E-06	474280.1	3769739.7	307.0	4.00	3.95	1.86	YES	
L0009310	0	0.23990E-06	474280.2	3769731.2	307.0	4.00	3.95	1.86	YES	
L0009311	0	0.23990E-06	474280.2	3769722.7	307.0	4.00	3.95	1.86	YES	
L0009312	0	0.23990E-06	474280.3	3769714.2	307.0	4.00	3.95	1.86	YES	
L0009313	0	0.23990E-06	474280.3	3769705.7	307.0	4.00	3.95	1.86	YES	
L0009314	0	0.23990E-06	474280.3	3769697.2	307.0	4.00	3.95	1.86	YES	
L0009315	0	0.23990E-06	474280.4	3769688.7	307.3	4.00	3.95	1.86	YES	
L0009316	0	0.23990E-06	474280.4	3769680.2	307.6	4.00	3.95	1.86	YES	
L0009317	0	0.23990E-06	474280.5	3769671.7	307.8	4.00	3.95	1.86	YES	
L0009318	0	0.23990E-06	474280.5	3769663.2	308.0	4.00	3.95	1.86	YES	
L0009319	0	0.23990E-06	474280.5	3769654.7	308.0	4.00	3.95	1.86	YES	
L0009320	0	0.23990E-06	474280.6	3769646.2	308.0	4.00	3.95	1.86	YES	
L0009321	0	0.23990E-06	474280.6	3769637.7	308.0	4.00	3.95	1.86	YES	
L0009322	0	0.23990E-06	474280.6	3769629.2	308.0	4.00	3.95	1.86	YES	
L0009323	0	0.23990E-06	474280.7	3769620.7	308.0	4.00	3.95	1.86	YES	
L0009324	0	0.23990E-06	474280.7	3769612.2	308.0	4.00	3.95	1.86	YES	
L0009325	0	0.23990E-06	474280.8	3769603.7	308.1	4.00	3.95	1.86	YES	
L0009326	0	0.23990E-06	474280.8	3769595.2	308.4	4.00	3.95	1.86	YES	
L0009327	0	0.23990E-06	474280.8	3769586.7	308.7	4.00	3.95	1.86	YES	
L0009328	0	0.23990E-06	474280.9	3769578.2	308.9	4.00	3.95	1.86	YES	
L0009329	0	0.23990E-06	474280.9	3769569.7	309.0	4.00	3.95	1.86	YES	
L0009330	0	0.23990E-06	474281.0	3769561.2	309.0	4.00	3.95	1.86	YES	
L0009331	0	0.23990E-06	474281.0	3769552.7	309.0	4.00	3.95	1.86	YES	
L0009332	0	0.23990E-06	474281.0	3769544.2	309.0	4.00	3.95	1.86	YES	
L0009333	0	0.23990E-06	474281.1	3769535.7	309.0	4.00	3.95	1.86	YES	
L0009334	0	0.23990E-06	474281.1	3769527.2	309.1	4.00	3.95	1.86	YES	
L0009335	0	0.23990E-06	474281.2	3769518.7	309.1	4.00	3.95	1.86	YES	
L0009336	0	0.23990E-06	474281.2	3769510.2	309.2	4.00	3.95	1.86	YES	
L0009337	0	0.23990E-06	474281.2	3769501.7	309.5	4.00	3.95	1.86	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0009338	0	0.23990E-06	474281.3	3769493.2	309.8	4.00	3.95	1.86	YES	
L0009339	0	0.23990E-06	474281.3	3769484.7	310.0	4.00	3.95	1.86	YES	
L0009340	0	0.23990E-06	474281.3	3769476.2	310.0	4.00	3.95	1.86	YES	
L0009341	0	0.23990E-06	474281.4	3769467.7	310.0	4.00	3.95	1.86	YES	
L0009342	0	0.23990E-06	474281.4	3769459.2	310.0	4.00	3.95	1.86	YES	
L0009343	0	0.23990E-06	474281.5	3769450.7	310.0	4.00	3.95	1.86	YES	
L0009344	0	0.23990E-06	474281.5	3769442.2	310.0	4.00	3.95	1.86	YES	
L0009345	0	0.23990E-06	474281.5	3769433.7	310.0	4.00	3.95	1.86	YES	
L0009346	0	0.23990E-06	474281.6	3769425.2	310.0	4.00	3.95	1.86	YES	
L0009347	0	0.23990E-06	474281.6	3769416.7	310.0	4.00	3.95	1.86	YES	

					RES				
L0009348	0	0.23990E-06	474281.7	3769408.2	310.0	4.00	3.95	1.86	YES
L0009349	0	0.23990E-06	474281.7	3769399.7	310.0	4.00	3.95	1.86	YES
L0009350	0	0.23990E-06	474281.7	3769391.2	310.0	4.00	3.95	1.86	YES
L0009351	0	0.23990E-06	474281.8	3769382.7	310.0	4.00	3.95	1.86	YES
L0009352	0	0.23990E-06	474281.8	3769374.2	310.1	4.00	3.95	1.86	YES
L0009353	0	0.23990E-06	474281.8	3769365.7	310.1	4.00	3.95	1.86	YES
L0009354	0	0.23990E-06	474281.9	3769357.2	310.4	4.00	3.95	1.86	YES
L0009355	0	0.23990E-06	474281.9	3769348.7	310.6	4.00	3.95	1.86	YES
L0009356	0	0.23990E-06	474282.0	3769340.2	310.9	4.00	3.95	1.86	YES
L0009357	0	0.23990E-06	474282.0	3769331.7	311.0	4.00	3.95	1.86	YES
L0009358	0	0.23990E-06	474282.0	3769323.2	311.0	4.00	3.95	1.86	YES
L0009359	0	0.23990E-06	474282.1	3769314.7	311.0	4.00	3.95	1.86	YES
L0009360	0	0.23990E-06	474282.1	3769306.2	311.0	4.00	3.95	1.86	YES
L0009361	0	0.23990E-06	474282.2	3769297.7	311.0	4.00	3.95	1.86	YES
L0009362	0	0.23990E-06	474282.2	3769289.2	311.0	4.00	3.95	1.86	YES
L0009363	0	0.23990E-06	474282.2	3769280.7	311.0	4.00	3.95	1.86	YES
L0009364	0	0.23990E-06	474282.3	3769272.2	311.0	4.00	3.95	1.86	YES
L0009365	0	0.23990E-06	474282.3	3769263.7	311.0	4.00	3.95	1.86	YES
L0009366	0	0.23990E-06	474282.4	3769255.2	311.0	4.00	3.95	1.86	YES
L0009367	0	0.23990E-06	474282.4	3769246.7	311.0	4.00	3.95	1.86	YES
L0009368	0	0.23990E-06	474282.4	3769238.2	310.7	4.00	3.95	1.86	YES
L0009369	0	0.23990E-06	474282.5	3769229.7	310.4	4.00	3.95	1.86	YES
L0009370	0	0.23990E-06	474282.5	3769221.2	310.2	4.00	3.95	1.86	YES
L0009371	0	0.23990E-06	474282.5	3769212.7	310.0	4.00	3.95	1.86	YES
L0009372	0	0.23990E-06	474282.6	3769204.2	310.0	4.00	3.95	1.86	YES
L0009373	0	0.23990E-06	474282.6	3769195.7	310.0	4.00	3.95	1.86	YES
L0009374	0	0.23990E-06	474282.7	3769187.2	310.0	4.00	3.95	1.86	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0008266 , L0008267 , L0008268 , L0008269 , L0008270 , L0008271 , L0008272 , L0008273 ,
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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

SRCGROUP ID	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

URBAN ID	URBAN POP	SOURCE IDs

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

  URBAN ID   URBAN POP   SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

  URBAN ID   URBAN POP   SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

URBAN ID	URBAN POP	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

URBAN ID	URBAN POP	SOURCE IDs

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L0008930 , L0008931 , L0008932 , L0008933 , L0008934 , L0008935 , L0008936 , L0008937 ,

RES
L0008938 , L0008939 , L0008940 , L0008941 , L0008942 , L0008943 , L0008944 , L0008945 ,
L0008946 , L0008947 , L0008948 , L0008949 , L0008950 , L0008951 , L0008952 , L0008953 ,
L0008954 , L0008955 , L0008956 , L0008957 , L0008958 , L0008959 , L0008960 , L0008961 ,
L0008962 , L0008963 , L0008964 , L0008965 , L0008966 , L0008967 , L0008968 , L0008969 ,
L0008970 , L0008971 , L0008972 , L0008973 , L0008974 , L0008975 , L0008976 , L0008977 ,
L0008978 , L0008979 , L0008980 , L0008981 , L0008982 , L0008983 , L0008984 , L0008985 ,
L0008986 , L0008987 , L0008988 , L0008989 , L0008990 , L0008991 , L0008992 , L0008993 ,
L0008994 , L0008995 , L0008996 , L0008997 , L0008998 , L0008999 , L0009000 , L0009001 ,
L0009002 , L0009003 , L0009004 , L0009005 , L0009006 , L0009007 , L0009008 , L0009009 ,
L0009010 , L0009011 , L0009012 , L0009013 , L0009014 , L0009015 , L0009016 , L0009017 ,
L0009018 , L0009019 , L0009020 , L0009021 , L0009022 , L0009023 , L0009024 , L0009025 ,
L0009026 , L0009027 , L0009028 , L0009029 , L0009030 , L0009031 , L0009032 , L0009033 ,
L0009034 , L0009035 , L0009036 , L0009037 , L0009038 , L0009039 , L0009040 , L0009041 ,
L0009042 , L0009043 , L0009044 , L0009045 , L0009046 , L0009047 , L0009048 , L0009049 ,
L0009050 , L0009051 , L0009052 , L0009053 , L0009054 , L0009055 , L0009056 , L0009057 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

URBAN ID	URBAN POP	SOURCE IDs

L0009058 , L0009059 , L0009060 , L0009061 , L0009062 , L0009063 , L0009064 , L0009065 ,
L0009066 , L0009067 , L0009068 , L0009069 , L0009070 , L0009071 , L0009072 , L0009073 ,
L0009074 , L0009075 , L0009076 , L0009077 , L0009078 , L0009079 , L0009080 , L0009081 ,

L0009082 , L0009083 , L0009084 , L0009085 , L0009086 , L0009087 , L0009088 , L0009089 ,
L0009090 , L0009091 , L0009092 , L0009093 , L0009094 , L0009095 , L0009096 , L0009097 ,
L0009098 , L0009099 , L0009100 , L0009101 , L0009102 , L0009103 , L0009104 , L0009105 ,
L0009106 , L0009107 , L0009108 , L0009109 , L0009110 , L0009111 , L0009112 , L0009113 ,
L0009114 , L0009115 , L0009116 , L0009117 , L0009118 , L0009119 , L0009120 , L0009121 ,
L0009122 , L0009123 , L0009124 , L0009125 , L0009126 , L0009127 , L0009128 , L0009129 ,
L0009130 , L0009131 , L0009132 , L0009133 , L0009134 , L0009135 , L0009136 , L0009137 ,
L0009138 , L0009139 , L0009140 , L0009141 , L0009142 , L0009143 , L0009144 , L0009145 ,
L0009146 , L0009147 , L0009148 , L0009149 , L0009150 , L0009151 , L0009152 , L0009153 ,
L0009154 , L0009155 , L0009156 , L0009157 , L0009158 , L0009159 , L0009160 , L0009161 ,
L0009162 , L0009163 , L0009164 , L0009165 , L0009166 , L0009167 , L0009168 , L0009169 ,
L0009170 , L0009171 , L0009172 , L0009173 , L0009174 , L0009175 , L0009176 , L0009177 ,
L0009178 , L0009179 , L0009180 , L0009181 , L0009182 , L0009183 , L0009184 , L0009185 ,
L0009186 , L0009187 , L0009188 , L0009189 , L0009190 , L0009191 , L0009192 , L0009193 ,
L0009194 , L0009195 , L0009196 , L0009197 , L0009198 , L0009199 , L0009200 , L0009201 ,
L0009202 , L0009203 , L0009204 , L0009205 , L0009206 , L0009207 , L0009208 , L0009209 ,
L0009210 , L0009211 , L0009212 , L0009213 , L0009214 , L0009215 , L0009216 , L0009217 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

URBAN ID	URBAN POP	SOURCE IDs

L0009218 , L0009219 , L0009220 , L0009221 , L0009222 , L0009223 , L0009224 ,

RES
L0009225   ,
             L0009226   , L0009227   , L0009228   , L0009229   , L0009230   , L0009231   , L0009232   ,
L0009233   ,
             L0009234   , L0009235   , L0009236   , L0009237   , L0009238   , L0009239   , L0009240   ,
L0009241   ,
             L0009242   , L0009243   , L0009244   , L0009245   , L0009246   , L0009247   , L0009248   ,
L0009249   ,
             L0009250   , L0009251   , L0009252   , L0009253   , L0009254   , L0009255   , L0009256   ,
L0009257   ,
             L0009258   , L0009259   , L0009260   , L0009261   , L0009262   , L0009263   , L0009264   ,
L0009265   ,
             L0009266   , L0009267   , L0009268   , L0009269   , L0009270   , L0009271   , L0009272   ,
L0009273   ,
             L0009274   , L0009275   , L0009276   , L0009277   , L0009278   , L0009279   , L0009280   ,
L0009281   ,
             L0009282   , L0009283   , L0009284   , L0009285   , L0009286   , L0009287   , L0009288   ,
L0009289   ,
             L0009290   , L0009291   , L0009292   , L0009293   , L0009294   , L0009295   , L0009296   ,
L0009297   ,
             L0009298   , L0009299   , L0009300   , L0009301   , L0009302   , L0009303   , L0009304   ,
L0009305   ,
             L0009306   , L0009307   , L0009308   , L0009309   , L0009310   , L0009311   , L0009312   ,
L0009313   ,
             L0009314   , L0009315   , L0009316   , L0009317   , L0009318   , L0009319   , L0009320   ,
L0009321   ,
             L0009322   , L0009323   , L0009324   , L0009325   , L0009326   , L0009327   , L0009328   ,
L0009329   ,
             L0009330   , L0009331   , L0009332   , L0009333   , L0009334   , L0009335   , L0009336   ,
L0009337   ,
             L0009338   , L0009339   , L0009340   , L0009341   , L0009342   , L0009343   , L0009344   ,
L0009345   ,
             L0009346   , L0009347   , L0009348   , L0009349   , L0009350   , L0009351   , L0009352   ,
L0009353   ,
             L0009354   , L0009355   , L0009356   , L0009357   , L0009358   , L0009359   , L0009360   ,
L0009361   ,
             L0009362   , L0009363   , L0009364   , L0009365   , L0009366   , L0009367   , L0009368   ,
L0009369   ,
             L0009370   , L0009371   , L0009372   , L0009373   , L0009374   ,

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

RES
(METERS)

```
( 474406.3, 3769927.6,     306.0,     306.0,       0.0);        ( 474212.7, 3769863.3,     305.8,     305.8,
0.0);
( 474334.1, 3769878.6,     306.0,     306.0,       0.0);        ( 473749.6, 3770784.7,     305.0,     305.0,
0.0);
( 473749.6, 3770634.9,     303.5,     303.5,       0.0);        ( 473893.0, 3770545.0,     305.0,     305.0,
0.0);
( 474041.9, 3770543.2,     306.0,     306.0,       0.0);        ( 474230.8, 3770545.0,     306.0,     306.0,
0.0);
( 474207.2, 3771057.8,     308.0,     308.0,       0.0);        ( 474249.9, 3771054.9,     309.0,     309.0,
0.0);
( 474244.8, 3770888.3,     308.0,     308.0,       0.0);        ( 474246.2, 3770905.4,     308.0,     308.0,
0.0);
( 474247.6, 3770957.1,     308.0,     308.0,       0.0);        ( 474027.4, 3770836.8,     307.0,     307.0,
0.0);
( 474062.2, 3770690.5,     307.0,     307.0,       0.0);        ( 474335.7, 3770292.7,     306.0,     306.0,
0.0);
( 474317.1, 3770352.1,     306.0,     306.0,       0.0);        ( 474336.5, 3770624.6,     307.9,     307.9,
0.0);
( 474344.2, 3770555.9,     306.8,     306.8,       0.0);        ( 474368.9, 3770492.6,     306.0,     306.0,
0.0);
( 473520.4, 3770493.2,     302.0,     302.0,       0.0);        ( 473521.9, 3770401.5,     302.0,     302.0,
0.0);
( 473918.3, 3769919.3,     304.6,     304.6,       0.0);
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

```
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1
```

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

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

1.54,   3.09,   5.14,   8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

Surface file: ..\..\snbo8.sfc Met Version: 14134
Profile file: ..\..\snbo8.PFL
Surface format: FREE

Profile format: FREE

Surface station no.: 0 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2007 Year: 2007

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
07	01	01	1	01	-0.5	0.030	-9.000	-9.000	-999.	12.	4.4	0.32	1.00	1.00	0.50	27.	9.1	279.9	5.5
07	01	01	1	02	-0.5	0.030	-9.000	-9.000	-999.	12.	4.3	0.32	1.00	1.00	0.50	7.	9.1	279.2	5.5
07	01	01	1	03	-0.5	0.030	-9.000	-9.000	-999.	12.	4.3	0.32	1.00	1.00	0.50	97.	9.1	278.8	5.5
07	01	01	1	04	-0.7	0.030	-9.000	-9.000	-999.	12.	3.1	0.32	1.00	1.00	0.50	148.	9.1	278.1	5.5
07	01	01	1	05	-2.4	0.054	-9.000	-9.000	-999.	30.	5.5	0.32	1.00	1.00	0.90	87.	9.1	278.1	5.5
07	01	01	1	06	-1.7	0.054	-9.000	-9.000	-999.	30.	7.8	0.32	1.00	1.00	0.90	208.	9.1	277.0	5.5
07	01	01	1	07	-1.7	0.054	-9.000	-9.000	-999.	30.	7.8	0.32	1.00	1.00	0.90	156.	9.1	277.5	5.5
07	01	01	1	08	-1.7	0.054	-9.000	-9.000	-999.	30.	7.8	0.32	1.00	0.52	0.90	60.	9.1	277.5	5.5
07	01	01	1	09	34.6	0.390	0.621	0.005	241.	585.	-149.6	0.32	1.00	0.31	3.10	264.	9.1	282.5	5.5
07	01	01	1	10	78.0	0.267	1.066	0.005	541.	341.	-21.3	0.32	1.00	0.24	1.80	242.	9.1	289.2	5.5
07	01	01	1	11	112.9	0.612	1.395	0.019	839.	1149.	-176.9	0.32	1.00	0.21	4.90	82.	9.1	290.4	5.5
07	01	01	1	12	130.3	0.615	1.611	0.020	1120.	1158.	-155.8	0.32	1.00	0.20	4.90	74.	9.1	290.9	5.5
07	01	01	1	13	128.2	0.671	1.662	0.015	1250.	1315.	-204.9	0.32	1.00	0.20	5.40	59.	9.1	290.9	5.5
07	01	01	1	14	107.5	0.712	1.575	0.007	1267.	1439.	-292.1	0.32	1.00	0.22	5.80	58.	9.1	291.4	5.5
07	01	01	1	15	68.1	0.602	1.356	0.021	1277.	1137.	-279.3	0.32	1.00	0.25	4.90	40.	9.1	291.4	5.5
07	01	01	1	16	18.1	0.438	0.872	0.021	1278.	724.	-405.7	0.32	1.00	0.34	3.60	312.	9.1	292.0	5.5
07	01	01	1	17	-25.8	0.263	-9.000	-9.000	-999.	353.	61.6	0.32	1.00	0.63	2.70	342.	9.1	290.9	5.5
07	01	01	1	18	-4.9	0.077	-9.000	-9.000	-999.	114.	8.1	0.32	1.00	1.00	1.30	256.	9.1	289.2	5.5
07	01	01	1	19	-4.9	0.077	-9.000	-9.000	-999.	52.	8.1	0.32	1.00	1.00	1.30	191.	9.1	289.9	5.5
07	01	01	1	20	-4.9	0.077	-9.000	-9.000	-999.	52.	8.1	0.32	1.00	1.00	1.30	197.	9.1	289.9	5.5
07	01	01	1	21	-4.9	0.077	-9.000	-9.000	-999.	52.	8.1	0.32	1.00	1.00	1.30	190.	9.1	289.9	5.5
07	01	01	1	22	-2.4	0.054	-9.000	-9.000	-999.	30.	5.6	0.32	1.00	1.00	0.90	188.	9.1	289.2	5.5
07	01	01	1	23	-9.5	0.107	-9.000	-9.000	-999.	84.	11.3	0.32	1.00	1.00	1.80	162.	9.1	289.9	5.5

```
                                                    RES
 07 01 01   1 24   -9.5  0.107 -9.000 -9.000 -999.   84.     11.3  0.32   1.00   1.00    1.80   42.    9.1  289.2
 5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 07 01 01 01    5.5 0 -999.  -99.00   279.9   99.0  -99.00  -99.00
 07 01 01 01    9.1 1   27.    0.50  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
♀ *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\GWS\HRA\Worker\Worker.isc                      ***
    03/29/17
 *** AERMET - VERSION  14134 ***   ***                                                                   ***
   12:07:10

   PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
 ***
                                  INCLUDING SOURCE(S):     L0008258    , L0008259    , L0008260    , L0008261    ,
L0008262    ,
                L0008263    , L0008264    , L0008265    , L0008266    , L0008267    , L0008268    , L0008269    ,
L0008270    ,
                L0008271    , L0008272    , L0008273    , L0008274    , L0008275    , L0008276    , L0008277    ,
L0008278    ,
                L0008279    , L0008280    , L0008281    , L0008282    , L0008283    , L0008284    , L0008285    ,
. . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
        474406.26    3769927.56        0.00201                     474212.74    3769863.31        0.00270

        474334.10    3769878.59        0.00286                     473749.57    3770784.68        0.01343

        473749.57    3770634.87        0.01485                     473893.03    3770544.99        0.00646

        474041.93    3770543.17        0.00636                     474230.78    3770544.99        0.00490

        474207.20    3771057.80        0.00149                     474249.89    3771054.86        0.00151

        474244.80    3770888.33        0.00175                     474246.22    3770905.40        0.00171

        474247.65    3770957.06        0.00160                     474027.42    3770836.78        0.00235

        474062.19    3770690.47        0.00312                     474335.68    3770292.68        0.00568

        474317.15    3770352.12        0.00698                     474336.45    3770624.62        0.00263

        474344.17    3770555.92        0.00313                     474368.87    3770492.61        0.00336

        473520.43    3770493.18        0.00309                     473521.91    3770401.49        0.00322

        473918.26    3769919.35        0.00253

♀ *** AERMOD - VERSION 16216r ***   *** C:\Lakes\AERMOD View\GWS\HRA\Worker\Worker.isc                      ***
    03/29/17
 *** AERMET - VERSION  14134 ***   ***                                                                   ***
   12:07:10

   PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN
```

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

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

NETWORK GROUP ID GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE
ALL	1ST HIGHEST VALUE IS	0.01485 AT (473749.57, 3770634.87, 303.52, 303.52, 0.00)	DC
	2ND HIGHEST VALUE IS	0.01343 AT (473749.57, 3770784.68, 305.00, 305.00, 0.00)	DC
	3RD HIGHEST VALUE IS	0.00698 AT (474317.15, 3770352.12, 306.00, 306.00, 0.00)	DC
	4TH HIGHEST VALUE IS	0.00646 AT (473893.03, 3770544.99, 305.03, 305.03, 0.00)	DC
	5TH HIGHEST VALUE IS	0.00636 AT (474041.93, 3770543.17, 306.00, 306.00, 0.00)	DC
	6TH HIGHEST VALUE IS	0.00568 AT (474335.68, 3770292.68, 305.98, 305.98, 0.00)	DC
	7TH HIGHEST VALUE IS	0.00490 AT (474230.78, 3770544.99, 306.00, 306.00, 0.00)	DC
	8TH HIGHEST VALUE IS	0.00336 AT (474368.87, 3770492.61, 306.00, 306.00, 0.00)	DC
	9TH HIGHEST VALUE IS	0.00322 AT (473521.91, 3770401.49, 302.00, 302.00, 0.00)	DC
	10TH HIGHEST VALUE IS	0.00313 AT (474344.17, 3770555.92, 306.80, 306.80, 0.00)	DC

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

♀ *** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\GWS\HRA\Worker\Worker.isc ***
03/29/17
*** AERMET - VERSION 14134 *** *** ***
12:07:10

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 1086 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 37 Calm Hours Identified

A Total of 1049 Missing Hours Identified (2.39 Percent)

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

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

*** NONE ***

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

APPENDIX 2.2:

RISK CALCULATIONS

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Table R1

Quantification of Carcinogenic Risks

Residential Exposure Scenario

Mobile Sources - Diesel Particulates

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

$RISKair = DOSEair \times CPF \times ED/AT$

Cair	0.00455
DBR (l/kg)	302
EF (350/365)	0.95890411
conv factor	0.000001
DOSEair =	1.31763E-06
CPF	1.1E+00
ED	70
AT	70
RISKair =	1.45E-06
RISK Per Million =	1.45

Quantification of Non Carcinogenic Risks

Residential Exposure Scenario

REL (ug/m3)	5
Hazard Index =	0.00091

Table W1
Quantification of Carcinogenic Risks
Worker Exposure Scenario

Mobile Sources - Diesel Particulates

DOSEair = Cair x [BR/BW] x A x EF x (1×10^{-6})

RISKair = DOSEair x CPF x ED/AT

Cair	0.01485
DBR (l/kg)	149
EF (245/365)	0.671232877
conv factor	0.000001
DOSEair =	1.4852E-06
CPF	1.1E+00
ED	40
AT	70
RISKair =	9.34E-07
RISK Per Million =	0.93

Quantification of Non Carcinogenic Risks
Worker Exposure Scenario

REL (ug/m3)	5
Hazard Index =	0.00297

APPENDIX 2.3:

THE PRESS ENTERPRISE AND ENVIRONMENTAL SCIENCE AND TECHNOLOGY JOURNAL ARTICLES

BUSINESS
REDLANDS: Harkins ramps up moviegoing with reclining seats, craft beer

NEWS
RIVERSIDE: Sink hole opens up in back yard (UPDATE)

SPORTS
GIRLS STATE BASKETBALL: Lakeside falls to Sacred Heart in title

NEWS
COURTS: Attorney General wins $1.1 billion judgment against Corinthian

NEWS

More rules, less risk

Analysis by California air pollution experts finds dramatic drop in cancer risk from emissions since 1990.

BY DAVID DANELSKI / STAFF WRITER
Published: Sept. 29, 2015 Updated: Oct. 20, 2015 12:37 p.m.

, KURT MILLER FILE PHOTO

The cancer risk from seven toxic air pollutants, including diesel soot, dropped 76 percent since 1990, according to a study published by California air-pollution regulators.

Credit goes to the scores of emissions rules that have reduced the amounts of diesel soot, benzene and five other cancer-causing chemicals that can be released into the atmosphere, said the study's lead author, Ralph Propper, an air-pollution research specialist for the California Air Resources Board.

The rules cover everything from diesel trucks, lawn mowers and industrial solvents to dry-cleaning businesses.

Published this month in the Environmental Science & Technology journal, the study notes that the cancer risk dropped steadily between 1990 and 2012 despite the state's population increase and more miles driven by diesel trucks.

The study was based on estimates of expected cancer rates using formulas that take into account the toxicity of each of the contaminants, and the amounts either found or estimated be in the air.

Researchers did not look at actual cases of people with cancer.

MAJOR CANCER-CAUSING AIR POLLUTANTS

Diesel soot, benzene, and 1,3-butadiene: Mostly from ships, airplanes, trucks, cars, heavy construction equipment and moving equipment

Hexavalent chromium: From chrome plating, cement manufacturing

Perchloroethylene: From dry cleaning

Formaldehye and acetaldehyde: Form when other pollutants react in the atmospheric

Source: California Air

Resources Board

MAJOR CANCER-CAUSING AIR POLLUTANTS

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Diesel soot, benzene, and 1,3-butadiene: Mostly from ships, airplanes, trucks, cars, heavy construction equipment and moving equipment

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Source: California Air Resources Board

Many rules have been implemented to reduce air pollution. But some had greater impacts than others. A new fuel standard in 1996, for instance, cut benzene emissions in half.

And in 2008 California truckers were required to phase in cleaner, newer engines or retrofit old engines with special exhaust filters that slash diesel soot emission.

“We are phasing in the diesel filters, and they trap the diesel particulates,” Propper said. “This has been really effective in lowering the concentrations.”

Some of the state’s pollution rules have hit consumers in the pocketbook. California’s requirements for winter- and summer-blend gasoline led to increased gas prices because of the state’s limited refinery capacity, experts have said.

And the diesel truck retrofit rules were the topic of public hearings where independent truckers and trucking company owners testified they couldn’t afford the cost of about $15,000 per truck.

Propper and regional air quality officials warned that the air quality battle is far from over. The federal Clean Air Act, signed by President Richard Nixon in 1970, promised healthful air for all Americans.

Even with the decline in cancer risk, California in 2012 still had a cancer risk from air pollution estimated at 700 cases per million people, Propper said. And the risk is higher for people who live near freeways, rail yards and cargo distribution centers.

Philip Fine, a deputy executive officer for the South Coast Air Quality Management District, pointed out that scientists keep finding more kinds and more serious health effects from air pollution.

Because of these findings, the U.S. Environmental Protection on Thursday is expected to announce a more stringent health standard for ozone, the lung-irritating gas that defines Southern California’s summer smog season.

Ozone is especially a problem for people with asthma and other respiratory conditions.

So far this year, the South Coast Air Basin, which includes the Inland area, has failed to meet the current health standard for ozone during 84 days – and there’s still another month left in the smog season.

By comparison, the region exceeded the ozone standard 92 times in 2014.

“We still have a long way to way go,” Fine said.

Contact the writer: 951-368-9471 or ddanelski@pe.com

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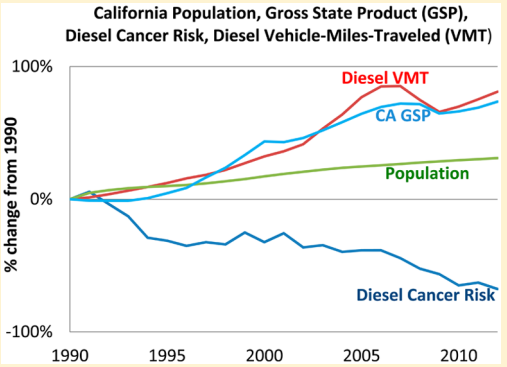
Ambient and Emission Trends of Toxic Air Contaminants in California

Ralph Propper,* Patrick Wong, Son Bui, Jeff Austin, William Vance, Álvaro Alvarado, Bart Croes, and Dongmin Luo*

California Air Resources Board, 1001 "I" Street, P.O. Box 2815, Sacramento, California 95812, United States

Supporting Information

ABSTRACT: After initiating a toxic air contaminant (TAC) identification and control program in 1984, the California Air Resources Board adopted regulations to reduce TAC emissions from cars, trucks, stationary sources, and consumer products. This study quantifies ambient concentration and emission trends for the period 1990−2012 for seven TACs that are responsible for most of the known cancer risk associated with airborne exposure in California. Of these seven, diesel particulate matter (DPM) is the most important; however DPM is not measured directly. Based on a novel surrogate method, DPM concentrations declined 68%, even though the state's population increased 31%, diesel vehicle-miles-traveled increased 81%, and the gross state product (GSP) increased 74%. Based on monitoring data, concentrations of benzene, 1,3-butadiene, perchloroethylene, and hexavalent chromium declined 88−94%. Also, the ambient and emissions trends for each of these four TACs were similar. Furthermore, these declines generally occurred earlier in California than elsewhere. However, formaldehyde and acetaldehyde, which are formed in the air photochemically from volatile organic compounds (VOCs), declined only 20−21%. The collective cancer risk from exposure to these seven reviewed TACs declined 76%. Significant reduction in cancer risk to California residents from implementation of air toxics controls (especially for DPM) is expected to continue.



INTRODUCTION

Background. In response to public concern about exposure to airborne carcinogens, California adopted the Toxic Air Contaminant (TAC) Identification and Control Act in 1984.[1] Since then, California has identified 21 TACs for which California's Office of Environmental Health Hazard Assessment (OEHHA) has developed inhalation cancer potency factors,[2] and the Air Resources Board (ARB) has implemented regulations such as airborne toxic control measures (ATCMs) to limit TAC emissions. In 1987, California adopted the Air Toxics "Hot Spots" Information and Assessment Act, which requires operators of significant-risk facilities to reduce risks from exposure to emitted TACs.[3] The 1990 U.S. Clean Air Act Amendments[4] listed 187 "hazardous air pollutants" that California added to its TAC list in 1993, although no ATCMs have been adopted for added TACs. Since then, the U.S. EPA has developed National Emission Standards for Hazardous Air Pollutants (NESHAPs)[5] that are delegated to the states. Local California agencies may adopt more stringent regulations than statewide ATCMs or federal NESHAPs.

Several studies have reviewed ambient TAC trends. Mobile sources of TACs have been studied in California, especially benzene.[6−13] These studies show declining ambient concentrations with implementation of emissions control regulations. In particular, California gasoline reformulation in 1996 led to a large decline in benzene emissions and ambient concentrations.[7−11] Because ambient diesel PM (DPM) concentrations are not measured directly, two surrogates have been used to estimate their trends: coefficient of haze (COH)[14] and elemental carbon (EC).[15,16] Some studies show declines in ambient TAC concentrations nationally[17−19] and in specific states.[20−23] For some TACs, although limited literature was found on statewide or air-basin-wide ambient concentration trends, reductions in ambient TAC concentration have been observed at specific locations due to targeted emission controls.[24−26]

The study objectives were to (1) quantify ambient and emission trends for TACs in California and estimate the associated trend in cancer risk, (2) review relationships between declines in ambient concentrations and emissions controls in California, and (3) compare ambient trends in California with trends elsewhere based on data from previous studies.

TACs Studied/Selected. Table 1 shows the seven TACs selected for review, along with their principal sources, years identified, and unit risk factors. Cumulatively, they account for most of the known chemically induced cancer risk from exposure to Californians during the 1990−2012 study period, with particulate matter from diesel-fueled engines (DPM) the most important in terms of overall cancer risk.

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Table 1. Toxic Air Contaminants Reviewed[a]

toxic air contaminant	principal source	year identified	unit risk factor $(\mu g/m^3)^{-1}$
diesel particulate matter (DPM)	mobile sources	1998	8.94×10^{-4}
benzene	mobile sources	1985	8.12×10^{-5}
1,3-butadiene	mobile sources	1992	4.87×10^{-4}
hexavalent chromium	chrome plating	1986	4.54×10^{-1}
perchloroethylene	dry cleaning	1991	1.71×10^{-5}
formaldehyde	atmospheric reactions	1992	1.71×10^{-5}
acetaldehyde	atmospheric reactions	1993	8.12×10^{-6}

[a]California's Toxic Air Contaminant Identification Reports for each TAC are available at www.arb.ca.gov/toxics/id/summary/summary.htm, which provides links to "health risks" and "exposure assessment" documents.

Three of these TACs have been emitted mainly from mobile sources: DPM, benzene, and 1,3-butadiene. Although some stationary sources use diesel-fueled engines, most DPM is emitted from mobile sources—mainly trucks, buses, and off-road sources such as ships.[27] Benzene is emitted mainly from on-road vehicles—from incomplete fuel combustion and from gasoline evaporation.[27] Its tropospheric lifetime is about 10 days, allowing dispersion throughout an air basin.[28] 1,3-Butadiene is emitted mainly from incomplete fuel combustion from mobile sources.[30] Its tropospheric lifetime is typically a few hours.[31]

Two of these TACs have been emitted mainly from stationary sources: perchloroethylene and hexavalent chromium. Perchloroethylene has been used as a solvent, especially for dry cleaning, and in various product formulations.[32] Its atmospheric lifetime is about four months, sufficiently long that global background levels have been reported.[33] Chromium compounds have two oxidation states: trivalent and hexavalent; in the 1980s, 3−8% of total chromium in California ambient air was hexavalent.[34] Hexavalent chromium has been used for chrome plating. Its half-life was estimated to be about 13 h (~19 h lifetime).[35] For both of these TACs, most exposure occurs on a neighborhood scale, with health risks highest near point sources.[27]

The remaining two TACs result mainly from photochemical reactions of emitted VOCs: formaldehyde and acetaldehyde. U.S. field studies have shown that primary emissions account for only 8−30% of ambient formaldehyde concentrations, depending on location.[36−38] Photolysis is the main removal mechanism for formaldehyde, leading to a lifetime of about 4 h. Reaction with hydroxyl radical is the main removal mechanism for acetaldehyde, leading to a lifetime of about 9 h.[28] Rain and fog also remove airborne aldehydes.

Four other TACs were considered for inclusion,[27] but not reviewed. For carbon tetrachloride, persistent worldwide concentrations represent significant cancer risk; however, emissions have been minimal for decades. For *p*-dichlorobenzene, California's recent ambient data are usually below the limit of detection (LOD). For methylene chloride, California's ambient data exhibits such variability that data quality was

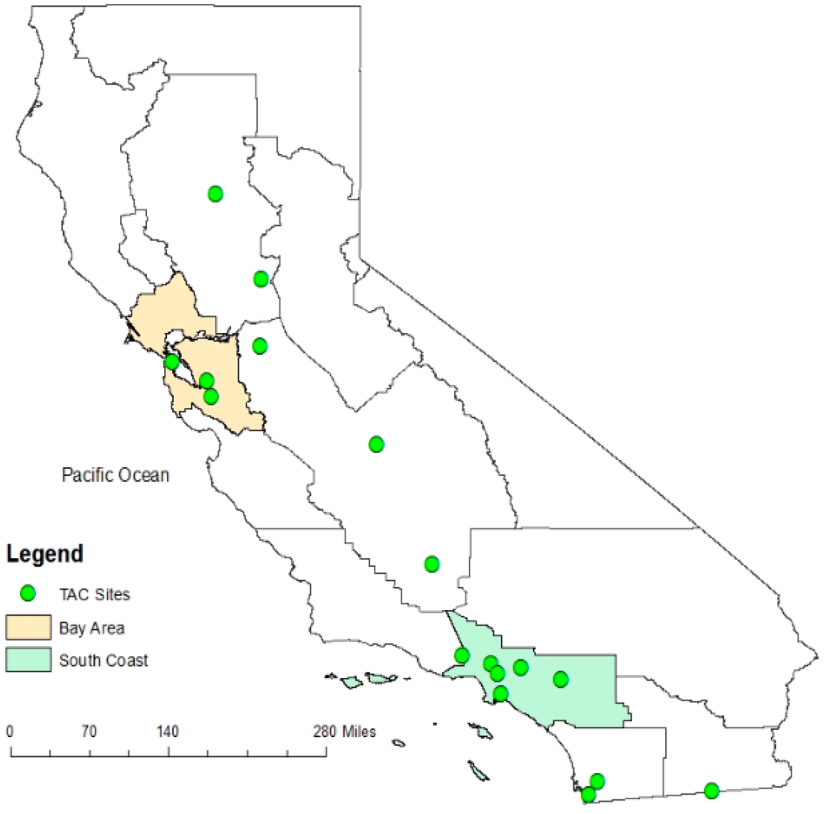

Figure 1. ARB's toxic air contaminant (TAC) long-term monitoring network. Seventeen sites (circles) provided data for most of 1990−2012. The two most populous air basins are shaded: South Coast and San Francisco Bay Area. Seven sites (not shown) that operated for shorter periods also provided data: Richmond and Upland (ended 1997); Fontana (ended 1999); Concord, Modesto, and Santa Barbara (ended 2000); and San Pablo (1997−2000).

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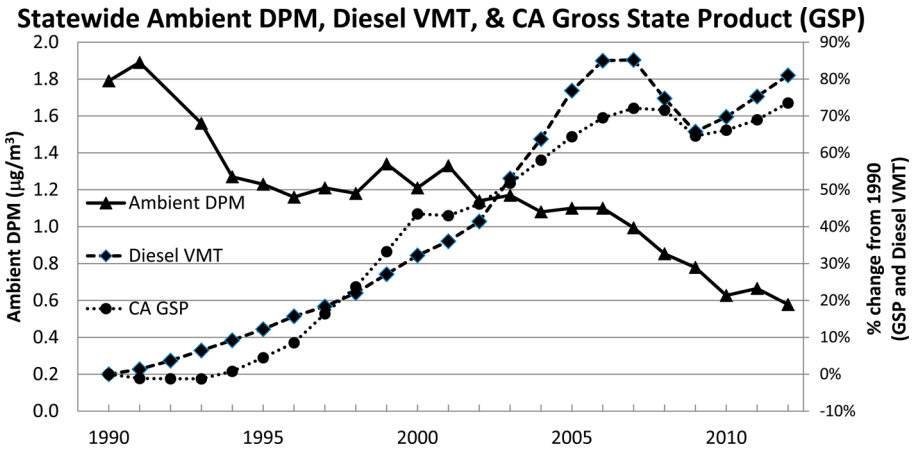

Figure 2. Statewide diesel PM ambient concentrations, diesel VMT (million vehicle miles traveled by diesel vehicles), and California Gross State Product (GSP). DPM concentrations are based on NO_X concentrations and DPM/NO_X emissions ratios. Note: VMT decline 2007−2009 was due to a national economic downturn (the "Great Recession").

questionable. For dioxins, the lack of long-term ambient monitoring data precluded a level of review comparable to the seven TACs reviewed.

MATERIALS AND METHODS

Data Sources. Emission inventories were obtained from the California Emissions Projection Analysis Model (CEPAM)[39] and the California Emission Inventory Development and Reporting System (CEIDARS).[40] CEPAM/Norcal Version 1.04 was used to provide a consistent methodology from which DPM emissions for 1990−2012 were calculated. ARB's emission factor model EMFAC2011[41] was used to provide input into CEPAM/Norcal Version 1.04 for on-road mobile source emissions. CEIDARS (run-date: October 15, 2014) was used for the other TACs; it provides TAC inventories in two-year increments, for 1996−2012. CEIDARS incorporates CEPAM data and data from local air districts for stationary sources. Speciation profiles were used to estimate TAC emissions from particulate matter and VOCs. These emission inventories take into account the effects of growth and emission controls. The data presented here may differ from some previously reported values; emission inventory values change due to improved emission profiles and activity data.

Ambient DPM concentrations were estimated using oxides of nitrogen (NO_X = NO + NO_2) as a surrogate, combined with scaling factors derived from the ratio of DPM emissions to total NO_X emissions as obtained from the ARB inventory. Basin-wide annual average ambient NO_X concentrations (1990−2012) were calculated using hourly average measurements from over 200 monitoring sites. The following assumptions were made: (1) ambient DPM concentrations are proportional to NO_X concentrations in each air basin; (2) emissions are well-mixed on basin-wide time scales, and (3) background NO_X concentrations can be neglected. Section S-IV, Methodology for Estimating Ambient DPM Concentrations, provides details (S = Supporting Information).

The ARB started a TAC monitoring network in 1985 (Figure 1). At sites selected to represent basin-wide and statewide averages, ambient air samples have been collected and speciated for TACs.[42] TAC trends were derived using all monitoring sites in the ARB's air quality database.[43] Considering the earliest years for which reliable ambient data (late 1980s) and emission inventory data (1990) were available, 1990 was used as the starting point for this study.

The Bay Area Air Quality Management District (BAAQMD) also started a TAC monitoring network that same year in the San Francisco Bay Area Air Basin (SFBAAB, Figure S1).[44] Some sites were chosen based on regional concerns, such as proximity to oil refineries;[44] others were collocated with ARB sites. Based on correlations between BAAQMD and ARB data sets for perchloroethylene and benzene (Figure S2), data from all ARB and BAAQMD sites that operated for most of the 1990−2012 period were combined to obtain a more robust data set for trend analyses of these TACs in the Bay Area. Because only limited BAAQMD data were available for other TACs, no other data sets were combined.

The South Coast Air Quality Management District has conducted four Multiple Air Toxics Exposure Studies (MATES) in the South Coast Air Basin (SoCAB). This paper uses data from MATES-II (1998−1999),[45] MATES-III (2004−2006),[46] and MATES-IV (2012−2013).[47] Data from MATES-I (1987) were not readily comparable due to differences in objectives and sites. Data from national air monitoring networks—National Air Toxics Trends Stations (NATTS), Urban Air Toxics Monitoring Program (UATMP), Photochemical Assessment Monitoring Stations (PAMS)—were not used, due to limited data in California (NATTS, UATMP), or systematic problems in benzene measurement (PAMS).[13] However, comparisons were made with U.S. EPA data that include NATTS and/or UATMP monitoring sites.[48]

Determination of Cancer Risk. Ambient DPM concentrations were inferred from the scaling factors described above. For TACs other than DPM, annual mean ambient concentrations were determined by aggregating data from all sites, weighed equally. Half of the LOD and 75% completeness criteria were used for this determination, which is consistent with U.S. EPA methodology.[49] Annual means were calculated as the average of monthly means.

The statewide cancer risk resulting from exposure to each TAC was defined as the number of new cases of cancer projected to occur per million residents. That risk was calculated for each TAC by multiplying its statewide yearly average ambient concentration by its unit risk factor (Table 1). These TAC unit risk factors were derived from OEHHA's inhalation cancer potency factors, inhalation exposure rates,

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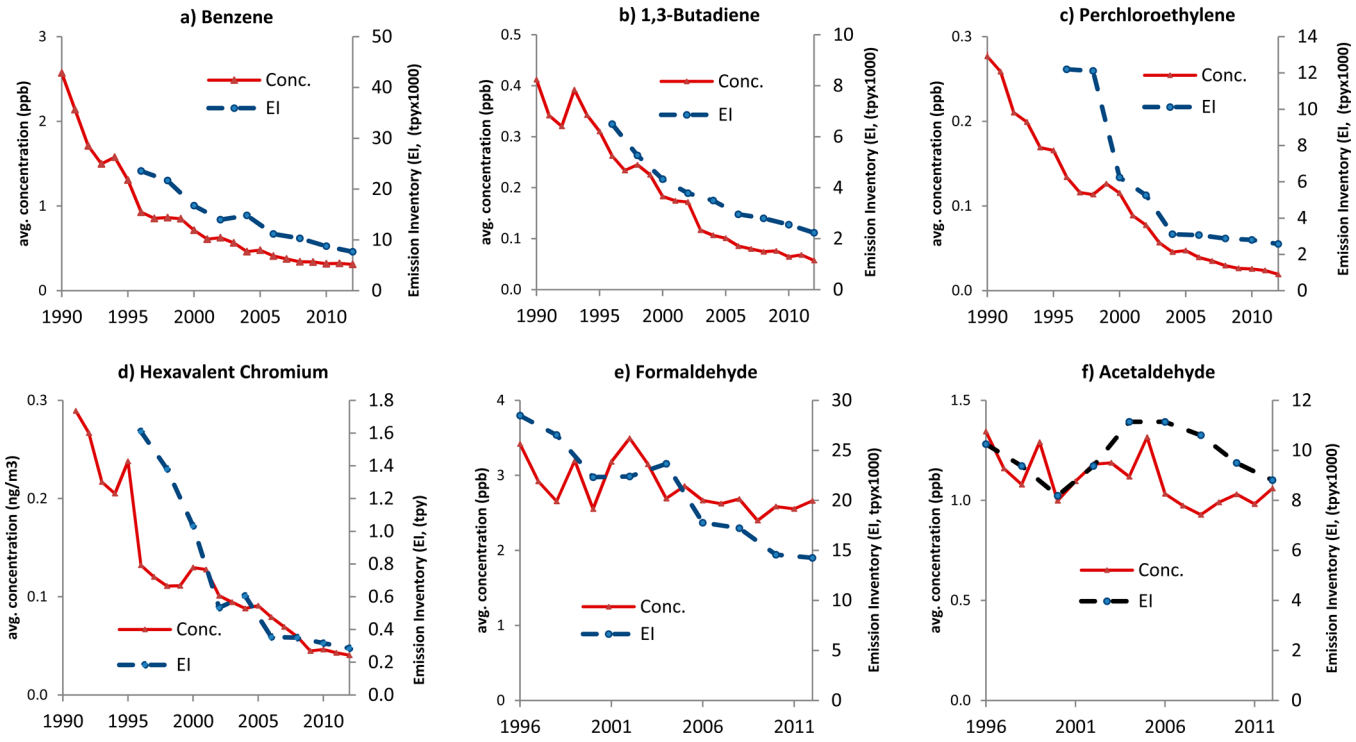

Figure 3. Statewide annual average concentrations and emissions inventory (EI) trends for six toxic air contaminants. EI data were available starting in 1996. (a) Benzene (1990−2012), (b) 1,3-Butadiene (1990−2012), (c) Perchloroethylene (1990−2012), (d) Hexavalent Chromium (1991−2012), (e) Formaldehyde (1996−2012), (f) Acetaldehyde (1996−2012).

individual sensitivity factors, and exposure factors, using the methodology outlined in OEHHA's 2012 risk assessment guidelines.[50] These guidelines require the selection of breathing rates; this study used the 95th percentile daily breathing rate (DBR) for children under 2 years old and the 80th percentile DBR for all other ages.[51]

RESULTS AND DISCUSSION

Results are presented by source type: mobile source TACs, stationary source TACs, and secondary TACs. Figure 2 shows the statewide ambient DPM trend, and Figure 3 shows annual statewide ambient and emissions trends for the six other TACs reviewed. Figure S3 shows these latter trends normalized, with trend lines added for SFBAAB and SoCAB. Table S1 shows the associated data with standard errors, as well as summarized MATES data. MATES data and ARB's SoCAB data show similar ambient declines.

Mobile Source TACs. *Diesel Particulate Matter (DPM).* Figure 2 shows that between 1990 and 2012, statewide ambient DPM concentrations declined 68% (3.1%/year), while vehicle-miles-traveled (VMT) for diesel-fueled vehicles increased 81%,[52] and California's Gross State Product (GSP) increased 74% (in constant dollars).[53] This period coincides with ARB's adoption of several diesel-related emission control regulations (Table S2). The 32% decline for 1990−2000 is close to the projected 40% emission reduction from ARB's regulatory program.[54] In 2000, ARB's Diesel Risk Reduction Plan[55] (DRRP) recommended the replacement and retrofit of diesel-fueled engines (e.g., diesel particulate filters), and the use of ultra-low-sulfur (<15 ppm) diesel fuel. Implementation of the DRRP resulted in a 49% decline for 2000−2010, and the ARB expects a decline of 71% for 2000−2020.[56] This expectation of a steeper decline is due to state truck regulations that have accelerated fleet turnover, with BC emissions reductions of ≥40% between 2009 and 2011 in Los Angeles.[57]

Benzene. Figure 3a shows that ambient benzene concentrations declined 88% from 1990 to 2012. This decrease was achieved despite increased population (31%) and VMT (30%) during that period (Figure S4). Figure 3a shows similar ambient and emissions trends, indicating an association between regulatory measures and reduced ambient concentrations. Tailpipe emissions data from ARB's vehicle surveillance program show that the 2003 fleet-average benzene rate decreased by 89% relative to the 1995 fleet.[58] Table S3 lists major regulations that reduced mobile source emissions and their expected emission reductions, if available.

Two ARB programs significantly reduced mobile source emissions, including benzene: cleaner fuels and vehicle emission controls. The ARB's Low-Emission Vehicles (LEV) regulations[59] resulted in reduced emissions of nonmethane organic gases (NMOG) from new light- and medium-duty vehicles. LEV I regulations (1994) led to reduced exhaust and evaporative emissions of hydrocarbons. Since 1996, light-duty vehicles sold in California have been equipped with California's second generation On-Board Diagnostic (OBD-II) system. About half of total car emissions resulted from malfunctions related to emission control devices,[60] thus OBD-II implementation led to reduced benzene emissions by facilitating repairs.

ARB's Phase II Reformulated Gasoline (RFG-2) regulation required a reduction in benzene volume content from 1.7% to ~1%,[30,61] which was confirmed at several service stations.[6,11] Between 1995 and 1996, vehicular benzene emissions declined 54%; most of this reduction was attributed to lowered levels of benzene and related aromatics in gasoline.[7] The benzene percentage of NMOC (nonmethane organic compounds) in tunnel emissions declined from 6% in 1995 to 3.6−4.2% in later

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years.[6] RFG-2 implementation was projected to cause a 24% decline in ambient concentration,[30] but greater reductions occurred. From 1995 to 1996, the decline was 29%, which was attributed to implementation of RFG-2.[61] In a SFBAAB tunnel, the benzene/VOC weight fraction declined 39% between 1995 and 1996,[11] while SFBAAB ambient concentrations also declined 39% between 1995 and 1996 (Table S1). In the SoCAB, RFG-2 was implemented over two years (1994−1996), and benzene concentrations declined 40% (Table S1) over that period.

Based on these results, a link has been established between RFG-2 implementation and benzene concentration decline. However, other regulations have allowed multiyear implementation, making it difficult to link emission controls and TAC concentration declines. Furthermore, mobile sources tend to have overlapping vehicle and fuel regulatory implementations.

1,3-Butadiene. Figure 3b shows that annual average 1,3-butadiene concentrations declined 85% from 1990 to 2012, and also that ambient and emissions trends are similar. Table S3 lists major regulations that reduced 1,3-butadiene emissions. 1,3-Butadiene emissions depend upon fuel composition, engine type, emission control devices, operating temperature, and the age and condition of the engine,[62] and were expected to decline due to implementation of motor vehicle regulations.[29] Tailpipe emissions data from ARB's vehicle surveillance program show that the 2003 fleet-average 1,3-butadiene rate decreased by 86% relative to the 1995 fleet.[58] The adoption of technology-forcing emissions standards led to three-way catalysts to control vehicle exhaust. Vehicles equipped with effective exhaust catalysts emitted less than a tenth as much 1,3-butadiene as those without functioning catalysts.[63,64] LEV I regulations (1994) led to reduced exhaust and evaporative emissions of hydrocarbons.

Stationary Source TACs. *Perchloroethylene.* Figure 3c shows that statewide ambient perchloroethylene concentrations declined 92% (1990−2012), and also shows similar ambient and emissions trends. Table S4 lists regulations that reduced perchloroethylene emissions, and their expected emissions reductions. In 1980, the BAAQMD adopted a rule controlling perchloroethylene emissions from dry cleaners, which led to a 1981 ARB Suggested Control Measure.[65] By 1993, eight local air districts had rules that required a carbon absorber or refrigerated condenser, and dry-cleaners were transitioning from vented transfer machines to vented dry-to-dry machines and closed-loop machines.[65]

In 1993, California adopted a regulation to limit emissions of perchloroethylene from dry cleaning that projected a 78% reduction in emissions from dry cleaners and an overall emissions reduction of 47% (1994−1998; Table S4).[65] Figure 3c shows a lower (33%) ambient decline during that period, perhaps due to lesser emission reductions from other sources, such as degreasing and paint. Due to local air district rules, perchloroethylene concentrations declined steeply before the mid-1990s, when the ARB's 1993 dry cleaner regulation was implemented.

Starting in 2003, California provided financial incentives for dry cleaners to use other solvents.[32] From 2003 to 2005, perchloroethylene emissions from dry cleaning decreased by ∼70%.[32] Subsequently, the ARB adopted a regulation for automotive products that prohibited the use of perchloroethylene,[66] and regulations banning perchloroethylene use in aerosol coatings and most consumer products.[67] ARB's dry cleaning regulation was amended in 2007 to require phase-out of perchloroethylene machines by 2023, which would reduce emissions to minimal levels.[32]

Hexavalent Chromium. Figure 3d shows that ambient concentrations of hexavalent chromium declined 86% (1991−2012). Before 1991, the ARB's monitoring method allowed conversion of hexavalent to trivalent chromium;[35,68] therefore, reliable monitoring data are only available since 1991. The ambient decline appears steeper prior to 1996; this may reflect a decrease in chrome plating operations, or a switch from hexavalent to trivalent chromium for plating.[27] Figure 3d also shows some correspondence between the ambient and emissions trend.

Table S4 lists ARB-adopted regulations to control hexavalent chromium emissions and their expected emissions reductions. ARB's 1988 chrome plating regulation required ≥95% emission reductions, and was expected to reduce emissions by 97% within four years.[69] In 1993, the U.S. EPA adopted a NESHAP[70] with the same emission reduction goal; the ARB regulation was modified in 1998 for conformity.[71] In 2005, hexavalent chromium emissions from these facilities were 99.97% less than in 1987, which was more than expected from implementation of these regulations. A 2006 ARB regulation further reduced these emissions, by requiring add-on air pollution control devices and chemical fume suppressants.

Table S4 shows three additional regulations that led to reduced emissions. A 1989 ARB regulation prohibited the use of hexavalent chromium in cooling towers.[72] Others prohibited the use of hexavalent chromium in motor vehicle and mobile equipment coatings (2001), and in thermal spraying operations (2005).

Significant emissions reductions resulted from the 1980s regulations, prior to the ARB's 1991 adoption of a reliable hexavalent chromium analytic method for its ambient monitoring network. Therefore, prior to ARB regulations, hexavalent chromium concentrations in the 1980s were probably much higher than the 1991 statewide average.

Secondary TACs (Formaldehyde and Acetaldehyde). For the period 1996−2012, Figures 3e and 3f show that ambient concentrations of formaldehyde declined 22%, and acetaldehyde declined 21%. (Before 1996, the monitoring method underestimated actual concentrations, but no correction factor is available.[27]) During the same period, these figures also show that formaldehyde emissions declined 50%, and acetaldehyde emissions declined 14%. The ambient and emission trends for each aldehyde do not correspond as well as for other TACs, which is likely related to the dominance of their photochemical formation versus direct emissions.

The ARB promulgated a series of increasingly stringent emission standards for motor vehicle exhaust to limit hydrocarbon emissions, which also limited aldehyde emissions. For example, the ARB's 1990 Low Emission Vehicle/Clean Fuels (LEV/CF) regulations were expected to reduce formaldehyde emissions from cars and light-duty trucks over several years.[73] Comparing tailpipe average emission rates between the 1995 and 2003 fleets, formaldehyde emissions declined 11%/year and acetaldehyde emissions declined 8.6%/year.[58] Based on emissions monitoring in a SFBAAB tunnel (1994−1999), formaldehyde emissions decreased by 10%/year, and acetaldehyde by 9.5%/year; attributed to implementation of RFG-2 in 1996.[74] A subsequent SFBAAB tunnel study found that the formaldehyde emission factor declined 12%/year between 2001 and 2006, and the acetaldehyde emission factor declined 3.8%/year. These declines were attributed to vehicle fleet turnover

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Table 2. Ambient Toxic Air Contaminant Trends: Comparison with Data from Other Sources

	this study		other sources		
period	location	decline (%/yr)	location	decline (%/yr)	reference
			Diesel PM		
1990–2000	CA (California)	3.2%	CA	5.5% (COH)	Kirchstetter[14]
1990–2012	CA	3.4%	CA	3.0% (BC)	Bahadur[15]
2005–2012	CA South Coast	7.9%	CA South Coast	9.1%	MATES-IV[47]
			Benzene		
1989–1993	CA	10%	Canada	5.0%	Dann 1995[83]
1994–2000	CA	9.2%	National	7.8%	Cook 2004[22]
1994–2002	CA	7.5%	National	9.3%	Fortin 2005[13]
1994–2009	CA	5.2%	National	4.4%	EPA 2010[81]
2003–2010	CA	6.2%	National	4.7%	EPA 2014[19]
1990–2008	CA	4.8%	Camden NJ	3.7%	NJ DEP 2011[20]
1995–1996	SF Bay Area (CA)	40%	SF Bay Area (CA)	39% (tunnel)	Kirchstetter 1999[11]
				42% (ambient)	Harley 2006[6]
1998–2005	Burbank, CA	11% (Ln)	London, UK	26% (Ln)	Warneke 2012[10]
			1,3-Butadiene		
1994–2008	CA	5.6%	Camden NJ	5.1%	NJ DEP 2011[20]
1995–2003	CA	6.5%	Canada	5.0%	Curren 2006[85]
2003–2010	CA	6.4%	CA	6.4%	EPA 2014[82]
			Perchloroethylene		
1991–2006	CA	5.7%	eight states	2.6%	EPA 2010[81]
			CA	5.9%	
2003–2010	CA	7.8%	National	7.7%	EPA 2014[82]
			Hexavalent Chromium		
2005–2010	CA	7.8%	National	4.9%	EPA 2014[82]
			Formaldehyde		
2003–2010	CA	2.6%	National	2.4%	EPA 2014[82]
			Acetaldehyde		
2003–2010	CA	2.1%	National	2.7%	EPA 2014[82]

and fuel reformulation that occurred during that period; the higher formaldehyde decline was attributed to the contemporaneous switch from MTBE (a formaldehyde precursor) to ethanol in gasoline.[75]

Because incomplete oxidation of ethanol yields acetaldehyde, increased use of ethanol in transportation fuels could lead to an increase in ambient acetaldehyde concentrations. However, other components of California gasoline, such as aromatic compounds and alkenes, were found to be primarily responsible for the formation of acetaldehyde.[76] Figure 3f shows no increase in acetaldehyde concentrations between 2002 and 2004, when MTBE in gasoline was replaced with ethanol in California.[75]

Although aldehydes are present in the ambient air mainly due to photochemical processes, they are also directly emitted. The major aldehyde direct emission source is combustion, especially from on-road motor vehicles. The largest area-wide source is residential wood burning. Because formaldehyde is used in composite wood products and consumer products, formaldehyde also has significant nonmobile emission sources. An ARB regulation adopted in 2008 was designed to reduce formaldehyde emissions from composite wood products by 57%, or 500 tons per year.[77] Although this represents only 2.4% of primary emissions, these sources cause disproportionally high exposure due to indoor off-gassing.

Comparison with Ambient Trends Obtained from Other Studies. Table 2 compares ambient TAC declines (%/year) from this study with available reported values, such as from U.S. EPA's NATTS monitoring network.[78] These trend comparisons are expressed as relative changes over time. This table shows linear reduction rates for the starting and ending years of data for the same period as for each reference provided, except for Burbank and London where natural logarithms (Ln) are compared.[10]

Mobile Sources. Because diesel PM is not measured directly, it is difficult to compare ambient DPM trends. However, DPM estimates from MATES-III[46] and -IV[47] show a 64% decrease in ambient concentration (2005–2012) for SoCAB, compared to a 55% decrease in SoCAB based on this paper's methodology. (Table S5 shows ambient DPM concentrations for individual air basins.) Table 2 compares the DPM trend from this study with MATES and estimates that result from use of other surrogates, and Figure S5 graphs the comparison with COH[14] and EC (equivalent to BC)[15] trends. BC was calculated from COH data,[14] but COH monitoring was phased out around 2000. The IMPROVE monitoring network[79] was used to obtain EC measurements,[15] although this network is mainly in rural areas. Using 1990–2000 data from 11 SFBAAB sites, COH declined about 55%;[14] compared to a contemporaneous 32% decline in statewide DPM (Figure 2). Possible causes for this disparity are (1) reduced agricultural burning during this period[80] (most COH sites were in or near agricultural burning areas), and (2) reduced EC/DPM ratios (COH concentrations are proportional to EC concentrations),[14] as observed between MATES-II and -III periods.[46] A review of 1990–2012 data from IMPROVE sites found that wildfires led to spikes in EC levels in some years. Overall, these data showed a statewide 60% EC decline, similar to the trend in fossil fuel EC emissions (primarily DPM);[15] compared to the 68% decline in statewide DPM in this study. These comparative

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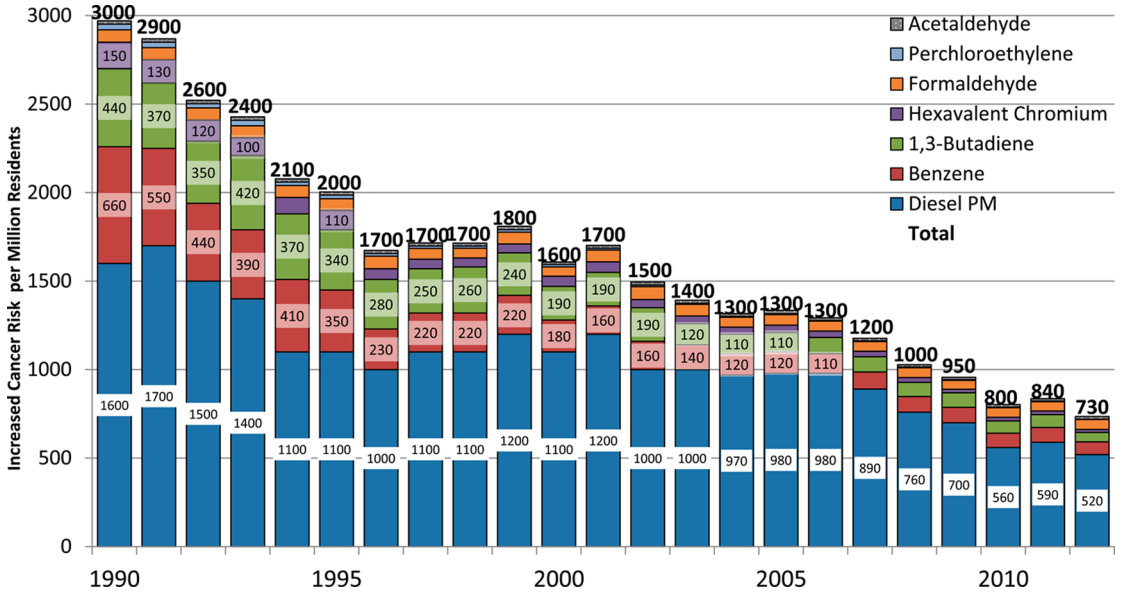

Figure 4. Cumulative increased cancer risk for seven toxic air contaminants, per million California residents. Values are rounded to two significant figures. Hexavalent chromium values prior to 1991 and aldehyde values prior to 1996 were obtained by linear extrapolation from the three subsequent years. Due to unavailability of 1992 DPM emission inventory, 1992 DPM cancer risk is the average of 1991 and 1992 values. Nonlabeled bars represent cancer risk <100 per million residents.

trends provide some validation of the scientific reliability of this study's methodology.

Benzene ambient trends from this study were compared with trend data from 22 sites in ten other states for 1994−2009,[81] and from 154 national trend sites for 2003−2010.[19,82] The trend lines appear parallel (Figure S6), but the national trend lags California's trend by several years. For 1994−2009, national concentrations declined 66% compared to 78% in California; for 2003−2010, the declines were 33% (national) and 43% (California). In Camden NJ, benzene declined 66% (1990−2008)[20] compared to 87% in California. In Canada, benzene declined 20% (1989−1993)[83] compared to 50% in California. These data all show steeper declines in benzene concentrations in California, presumably because California initiated regulations earlier than elsewhere. However, in London, benzene declined 91% (1998−2008),[10] compared to 61% for that period in California. This was attributed to London's post-1998 adoption of mobile source controls that California had adopted earlier.[10] In New York, the benzene decline (~50%, 1990−2003) was found to be consistent with California's decline; major reasons included the adoption of RFG regulations and California's LEV program.[84]

For 1,3-butadiene, recent national data (2003−2010)[19,82] show the same decline in ambient concentrations as found in California from this study. However, data for earlier periods show a steeper decline in California compared to other locations, as follows. Concentrations declined 66% in Camden NJ (1994−2008),[20] compared to California's 78%. Concentrations at Canadian urban sites declined 38% (1995−2003),[85] compared to California's 61%; consistent with earlier regulations in California.

The 89% ambient benzene decline and the 88% ambient 1,3-butadiene decline (both 1990−2012) could be compared with the 65% reduction in ROG emissions reported in the SoCAB (1993−2012).[86] This indicates that regulations targeting mobile-source TACs have been effective.

Stationary Sources. For the period 1991−2006, the U.S. EPA provided ambient perchloroethylene concentrations data for nine states; the decline in California (88%) was steeper than for the other eight states (39%).[81] For a later period (2003−2010), however, the national decline[19,82] was similar to that found in this study. Figure 3c shows a steep decline in perchloroethylene concentrations until about 2004, consistent with concentrations declining earlier in California than in other states. Hexavalent chromium concentrations declined 33% (2005−2010) nationally,[19,82] compared to 53% for that period from this study, even though California's steepest declines occurred earlier: ARB regulations controlled emissions from plating facilities and cooling towers in the 1980s.

Secondary TACs (Formaldehyde, Acetaldehyde). For urban areas nationally, mean ambient formaldehyde concentrations declined 14% from 2003 to 2010, while acetaldehyde declined 17%.[19,82] This study shows similar declines for that period: 13% for formaldehyde, and 18% for acetaldehyde. The complexity of photochemical formation and removal processes for these TACs increases the difficulty in quantifying their expected ambient trends. Although these aldehyde declines are not as steep as for the other five TACs reviewed, they are steeper than the 7% decline in ozone (another secondary pollutant) in the western U.S. for 2001−2010.[87] Continued ambient declines for these aldehydes is anticipated as the emissions of their VOC precursors continue to decline.

Evaluation of Cancer Risk. Statewide cancer risks were determined using the calculated unit cancer risk factors (Table 1) and ambient statewide levels for each TAC, 1990−2012. Figure 4 shows a 76% decline in cumulative increased cancer risk per million people, from 1990 to 2012, due to inhalation of ambient air (caption notes interpolation for DPM and extrapolation for hexavalent chromium and aldehydes). This corresponds to a cumulative risk reduction from 3000 cancer cases per million residents in 1990 to 730 in 2012. This decline has been driven mostly by decreased exposure to DPM, followed by benzene and 1,3-butadiene. For 1990−2012, cancer

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risk declined 68% for DPM, 89% for benzene, 88% for 1,3-butadiene, 94% for perchloroethylene; 88% for hexavalent chromium, 21% for formaldehyde, and 20% for acetaldehyde. As a percentage of the combined cancer risk from these seven TACs, the risk from these two aldehydes increased from 3.0% in 1990 to 9.7% in 2012.

Figure 4 shows that from 1990 through 1995, and again from 2003 through 2012, the statewide cancer risk from exposure to benzene was greater than to 1,3-butadiene; but from 1996 through 2002, the opposite was true. In 1996, RFG-2 required a steep reduction in the benzene content of gasoline, which refiners generally accomplished by hydrogenating benzene to cyclohexane, a 1,3-butadiene precursor.[88,89] This is consistent with the increase in cyclohexane in regular gasoline sold in the SFBA from 1.17 weight% in 1995 to 1.84% in 1996.[90] Subsequently, the cyclohexane content of gasoline declined,[91] because refiners found more cost-effective ways to lower the benzene content.[92]

In 1991, the ARB estimated that ambient exposure to perchloroethylene emissions from eight facilities resulted in up to 14 potential excess cancer cases in 5.5 million people.[93] The ARB's 2007 dry cleaning regulation is expected to reduce statewide risk to less than one cancer case per million by 2020.[32] Also, ambient monitoring (MATES-III) revealed high levels of hexavalent chromium that were traced to a cement facility in Riverside.[46] That finding led to controls that reduced its emissions and resultant exposures. These stationary-source TAC examples indicate that near-source residents may have especially benefited from TAC emission reductions.

In general, these ambient declines occurred earlier in California than elsewhere. Emission reductions and lower cancer risk correlate with emissions controls adopted in California, primarily controls on mobile sources and targeted stationary-source controls.

Further reductions in mobile source TAC emissions are expected from continuing efforts to improve fuel formulations, reduce vehicle exhaust emissions, and promote less polluting transportation modes. For stationary source TACs, perchloroethylene concentrations declined 90% and hexavalent chromium declined 86% (1990−2012); however regulatory controls probably led to even greater emission reductions, considering that California started regulating these TACs in the 1980s. Implementation of current control measures is expected to lead to further reductions in emissions for both TACs.

Most cancer risk from identified TACs is from DPM, and DPM concentrations represent a larger percentage (71%) of the overall cancer risk in 2012 than in earlier years. This is due to the earlier adoption of control measures for other TACs, and to the relatively long lifetime and slow turnover to cleaner technologies for diesel engines. However, the implementation of ARB's recent diesel engine retrofit and replacement requirements[94] has accelerated fleet turnover to cleaner trucks,[26,57] and significant additional reductions are projected statewide.[56]

The decreased exposure (from 1990 to 2012) to ambient concentrations of the seven TACs reviewed here resulted in a reduced cancer risk of thousands of fewer cancer cases per million exposed in California. Before 1990, air toxics regulations likely resulted in additional reductions in cancer risk, but these reductions are unquantified because they occurred prior to completion of California's air toxics monitoring network. Phased implementation of recent regulations is expected to lead to further reductions in ambient TAC concentrations and cancer risk.

■ ASSOCIATED CONTENT

Supporting Information

The Supporting Information is available free of charge on the ACS Publications website at DOI: 10.1021/acs.est.5b02766.

Figures and tables that are described above and a detailed methodology for DPM calculations (PDF)

■ AUTHOR INFORMATION

Corresponding Authors

*(R.P.) Phone: +1 916-323-1535; e-mail: rpropper@arb.ca.gov.
*(D.L.) Phone: +1 916-324-8496; e-mail: dluo@arb.ca.gov.

Notes

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APPENDIX 2.4:

DPM EMISSIONS FROM PROJECT

AVERAGE EMISSION FACTOR
SCAQMD 2018-2087

Speed	LHD1	MHD	HHD
0	0.433961	0.011087	0.00425
5	0.027632	0.012124	0.01353
25	0.01213	0.006447	0.00818

Speed	**Weighted Average Emissions**
0	**0.09918**
5	**0.01633**
25	**0.00872**

Year	Speed	LHD1	MHD	HHD
2018	0 mph	0.797224	0.278174	0.044570434
	5 mph	0.111528	0.221972	0.060043409
	25 mph	0.037058	0.088593	0.030634806
2019	0 mph	0.789742	0.227647	0.038305427
	5 mph	0.106225	0.164772	0.054504214
	25 mph	0.03572	0.070994	0.028300161
2020	0 mph	0.779549	0.130914	0.022508763
	5 mph	0.100705	0.057329	0.041607954
	25 mph	0.034289	0.039832	0.023662018
2021	0 mph	0.765814	0.015921	0.018815229
	5 mph	0.095027	0.012803	0.036249172
	25 mph	0.032775	0.007476	0.021383743
2022	0 mph	0.74834	0.013362	0.01484053
	5 mph	0.089172	0.011645	0.032311715
	25 mph	0.031165	0.006825	0.019005407
2023	0 mph	0.729799	0.005355	0.009751114
	5 mph	0.083296	0.006312	0.012803391
	25 mph	0.029521	0.003795	0.007623878
2024	0 mph	0.710253	0.004579	0.008709656
	5 mph	0.077412	0.006297	0.012704459
	25 mph	0.027851	0.003812	0.007607986
2025	0 mph	0.690394	0.003962	0.007741953
	5 mph	0.071631	0.006271	0.012554254
	25 mph	0.026186	0.003819	0.007556373
2026	0 mph	0.669535	0.003488	0.006950832
	5 mph	0.065988	0.006237	0.012384383
	25 mph	0.024536	0.003816	0.007485729
2027	0 mph	0.647001	0.003126	0.006078038
	5 mph	0.060594	0.006186	0.012193283
	25 mph	0.022931	0.0038	0.007402399

2028	0 mph	0.62464	0.002809	0.00555985
	5 mph	0.055507	0.006155	0.012061678
	25 mph	0.021395	0.003794	0.007345112
2029	0 mph	0.601184	0.00255	0.005005429
	5 mph	0.050674	0.006123	0.011905036
	25 mph	0.019917	0.003785	0.007270531
2030	0 mph	0.578314	0.002314	0.00447508
	5 mph	0.046191	0.006084	0.011742445
	25 mph	0.018527	0.00377	0.007190514
2031	0 mph	0.555789	0.002136	0.00398068
	5 mph	0.042066	0.006048	0.011595959
	25 mph	0.01723	0.003755	0.007118472
2032	0 mph	0.536566	0.001993	0.003689976
	5 mph	0.038468	0.006013	0.011474401
	25 mph	0.016077	0.00374	0.007057172
2033	0 mph	0.517997	0.001881	0.003395156
	5 mph	0.035267	0.005985	0.011357635
	25 mph	0.015034	0.003728	0.006999086
2034	0 mph	0.500242	0.00179	0.003088982
	5 mph	0.032423	0.005954	0.011239035
	25 mph	0.014092	0.003714	0.006940349
2035	0 mph	0.483189	0.001713	0.002824311
	5 mph	0.029788	0.005921	0.011138358
	25 mph	0.013216	0.003697	0.006892119
2036	0 mph	0.467738	0.001652	0.002627241
	5 mph	0.027502	0.005889	0.011064121
	25 mph	0.012449	0.003681	0.00686232
2037	0 mph	0.452947	0.001602	0.002475895
	5 mph	0.02541	0.005859	0.011012599
	25 mph	0.01174	0.003665	0.006841237
2038	0 mph	0.438979	0.001564	0.002344769
	5 mph	0.023538	0.005836	0.010979915
	25 mph	0.011101	0.003653	0.006829631
2039	0 mph	0.426504	0.001531	0.002235251
	5 mph	0.02188	0.005818	0.010961271
	25 mph	0.010532	0.003643	0.006824697
2040	0 mph	0.415137	0.001502	0.002130339
	5 mph	0.020462	0.005802	0.010947318
	25 mph	0.01004	0.003635	0.006823177
2041	0 mph	0.404953	0.001476	0.002037225
	5 mph	0.019241	0.00579	0.010934086
	25 mph	0.009614	0.003628	0.006821976
2042	0 mph	0.395858	0.001453	0.001969833
	5 mph	0.018211	0.00578	0.010928056
	25 mph	0.009252	0.003623	0.006823783
2043	0 mph	0.387965	0.001435	0.001912267
	5 mph	0.017379	0.005775	0.010923925
	25 mph	0.008954	0.003621	0.006826753
2044	0 mph	0.380329	0.001418	0.001848363
	5 mph	0.016539	0.005771	0.010915981
	25 mph	0.008663	0.003619	0.006828726

2045	0 mph	0.373428	0.001404	0.001783717
	5 mph	0.015791	0.005769	0.010905325
	25 mph	0.008406	0.003618	0.006829696
2046	0 mph	0.366773	0.001393	0.001725535
	5 mph	0.015057	0.005768	0.010896323
	25 mph	0.008158	0.003619	0.006830451
2047	0 mph	0.360684	0.001382	0.001667877
	5 mph	0.014402	0.005768	0.010884771
	25 mph	0.007939	0.003619	0.006830451
2048	0 mph	0.354783	0.001373	0.001628782
	5 mph	0.013752	0.00577	0.010886244
	25 mph	0.007725	0.00362	0.006831119
2049	0 mph	0.34925	0.001368	0.001595328
	5 mph	0.013164	0.005772	0.010889723
	25 mph	0.007532	0.003621	0.006832867
2050	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2051	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2052	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2053	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2054	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2055	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2056	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2057	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2058	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2059	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2060	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2061	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309

2062	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2063	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2064	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2065	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2066	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2067	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2068	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2069	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2070	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2071	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2072	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2073	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2074	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2075	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2076	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2077	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2078	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309

2079	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2080	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2081	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2082	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2083	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2084	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2085	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2086	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2087	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309

AVERAGE EMISSION FACTOR
SCAQMD 2018-2057

Speed	LHD1	MHD	HHD
0	0.501345	0.018379	0.00627
5	0.038883	0.016887	0.01550
25	0.01571	0.008565	0.00919

Speed	**Weighted Average Emissions**
0	**0.11638**
5	**0.02082**
25	**0.01049**

Year	Speed	LHD1	MHD	HHD
2018	0 mph	0.797224	0.278174	0.044570434
	5 mph	0.111528	0.221972	0.060043409
	25 mph	0.037058	0.088593	0.030634806
2019	0 mph	0.789742	0.227647	0.038305427
	5 mph	0.106225	0.164772	0.054504214
	25 mph	0.03572	0.070994	0.028300161
2020	0 mph	0.779549	0.130914	0.022508763
	5 mph	0.100705	0.057329	0.041607954
	25 mph	0.034289	0.039832	0.023662018
2021	0 mph	0.765814	0.015921	0.018815229
	5 mph	0.095027	0.012803	0.036249172
	25 mph	0.032775	0.007476	0.021383743
2022	0 mph	0.74834	0.013362	0.01484053
	5 mph	0.089172	0.011645	0.032311715
	25 mph	0.031165	0.006825	0.019005407
2023	0 mph	0.729799	0.005355	0.009751114
	5 mph	0.083296	0.006312	0.012803391
	25 mph	0.029521	0.003795	0.007623878
2024	0 mph	0.710253	0.004579	0.008709656
	5 mph	0.077412	0.006297	0.012704459
	25 mph	0.027851	0.003812	0.007607986
2025	0 mph	0.690394	0.003962	0.007741953
	5 mph	0.071631	0.006271	0.012554254
	25 mph	0.026186	0.003819	0.007556373
2026	0 mph	0.669535	0.003488	0.006950832
	5 mph	0.065988	0.006237	0.012384383
	25 mph	0.024536	0.003816	0.007485729
2027	0 mph	0.647001	0.003126	0.006078038
	5 mph	0.060594	0.006186	0.012193283
	25 mph	0.022931	0.0038	0.007402399
2028	0 mph	0.62464	0.002809	0.00555985
	5 mph	0.055507	0.006155	0.012061678
	25 mph	0.021395	0.003794	0.007345112

2029	0 mph	0.601184	0.00255	0.005005429
	5 mph	0.050674	0.006123	0.011905036
	25 mph	0.019917	0.003785	0.007270531
2030	0 mph	0.578314	0.002314	0.00447508
	5 mph	0.046191	0.006084	0.011742445
	25 mph	0.018527	0.00377	0.007190514
2031	0 mph	0.555789	0.002136	0.00398068
	5 mph	0.042066	0.006048	0.011595959
	25 mph	0.01723	0.003755	0.007118472
2032	0 mph	0.536566	0.001993	0.003689976
	5 mph	0.038468	0.006013	0.011474401
	25 mph	0.016077	0.00374	0.007057172
2033	0 mph	0.517997	0.001881	0.003395156
	5 mph	0.035267	0.005985	0.011357635
	25 mph	0.015034	0.003728	0.006999086
2034	0 mph	0.500242	0.00179	0.003088982
	5 mph	0.032423	0.005954	0.011239035
	25 mph	0.014092	0.003714	0.006940349
2035	0 mph	0.483189	0.001713	0.002824311
	5 mph	0.029788	0.005921	0.011138358
	25 mph	0.013216	0.003697	0.006892119
2036	0 mph	0.467738	0.001652	0.002627241
	5 mph	0.027502	0.005889	0.011064121
	25 mph	0.012449	0.003681	0.00686232
2037	0 mph	0.452947	0.001602	0.002475895
	5 mph	0.02541	0.005859	0.011012599
	25 mph	0.01174	0.003665	0.006841237

2038	0 mph	0.438979	0.001564	0.002344769
	5 mph	0.023538	0.005836	0.010979915
	25 mph	0.011101	0.003653	0.006829631
2039	0 mph	0.426504	0.001531	0.002235251
	5 mph	0.02188	0.005818	0.010961271
	25 mph	0.010532	0.003643	0.006824697
2040	0 mph	0.415137	0.001502	0.002130339
	5 mph	0.020462	0.005802	0.010947318
	25 mph	0.01004	0.003635	0.006823177
2041	0 mph	0.404953	0.001476	0.002037225
	5 mph	0.019241	0.00579	0.010934086
	25 mph	0.009614	0.003628	0.006821976
2042	0 mph	0.395858	0.001453	0.001969833
	5 mph	0.018211	0.00578	0.010928056
	25 mph	0.009252	0.003623	0.006823783
2043	0 mph	0.387965	0.001435	0.001912267
	5 mph	0.017379	0.005775	0.010923925
	25 mph	0.008954	0.003621	0.006826753
2044	0 mph	0.380329	0.001418	0.001848363
	5 mph	0.016539	0.005771	0.010915981
	25 mph	0.008663	0.003619	0.006828726
2045	0 mph	0.373428	0.001404	0.001783717
	5 mph	0.015791	0.005769	0.010905325
	25 mph	0.008406	0.003618	0.006829696
2046	0 mph	0.366773	0.001393	0.001725535
	5 mph	0.015057	0.005768	0.010896323
	25 mph	0.008158	0.003619	0.006830451
2047	0 mph	0.360684	0.001382	0.001667877
	5 mph	0.014402	0.005768	0.010884771
	25 mph	0.007939	0.003619	0.006830451
2048	0 mph	0.354783	0.001373	0.001628782
	5 mph	0.013752	0.00577	0.010886244
	25 mph	0.007725	0.00362	0.006831119
2049	0 mph	0.34925	0.001368	0.001595328
	5 mph	0.013164	0.005772	0.010889723
	25 mph	0.007532	0.003621	0.006832867
2050	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309

2051	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2052	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2053	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2054	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2055	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2056	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309
2057	0 mph	0.344114	0.001364	0.001556576
	5 mph	0.01263	0.005774	0.010892846
	25 mph	0.007358	0.003623	0.006834309

Emission Rates - Residential Exposure (Average of emission factors for years 2018 through 2087) - UNMITIGATED

Truck Emission Rates (70 year average)						
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 - North Side	171			0.0992	4.23	4.893E-05
On-Site Idling - South Side	171			0.0992	4.23	4.893E-05
On-Site Travel	682	703.68	0.0163		11.49	1.330E-04
Off-Site Travel 40% to I-215 at Auto Center Rd.	273	238.55	0.0087		2.08	2.408E-05
Off-Site Travel 5% to I-215 at Auto Center Rd.	34	50.71	0.0087		0.44	5.119E-06

Emission Rates - Worker Exposure (Average of emission factors for years 2018 through 2057) - UNMITIGATED

Truck Emission Rates (40 year average)						
Source	Trips 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 - North Side	171			0.1164	4.96	5.742E-05
On-Site Idling - South Side	171			0.1164	4.96	5.742E-05
On-Site Travel	682	703.68	0.0208		14.65	1.696E-04
Off-Site Travel 40% to I-215 at Auto Center Rd.	273	238.55	0.0105		2.50	2.896E-05
Off-Site Travel 5% to I-215 at Auto Center Rd.	34	50.71	0.0105		0.53	6.156E-06