

**HEALTH RISK ASSESSMENT**  
**CHEVRON CONVENIENCE STORE &**  
**SERVICE STATION PROJECT**  
**TOWN OF BLOOMINGTON**

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**PREPARED FOR:**

COUNTY OF SAN BERNARDINO  
LAND USE SERVICES DEPARTMENT  
385 NORTH ARROWHEAD AVENUE  
FIRST FLOOR  
SAN BERNARDINO, CA 92415

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## ACRONYMS AND ABBREVIATIONS

CalEEMod	California Emissions Estimator Model
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
DPM	Diesel particulate matter
EPA	Environmental Protection Agency
HAP	Hazardous Air Pollutants
kW	Kilowatt
MICR	Maximum Individual Cancer Risk
MSAT	Mobile Source Air Toxics
NAAQS	National Ambient Air Quality Standards
NMOC	Nonmethane Organic Compounds
NSPS	New Source Performance Standards
OEHHA	Office of Environmental Health Hazard Assessment
PM	Particle Matter
PM10	Particles that are less than 10 micrometers in diameter
PM2.5	Particles that are less than 2.5 micrometers in diameter
PPM	Parts Per Million
SCAQMD	South Coast Air Quality Management District
TAC	Toxic Air Contaminants

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## 1.0 INTRODUCTION

### *1.1 Purpose of Analysis and Study Objectives*

This Health Risk Assessment has been completed to determine the potential cancer and non-cancer (acute and chronic) risks as well as to determine if local concentrations of criteria pollutants would exceed state and federal standards from the diesel emission sources associated with the operation of the proposed Chevron Convenience Store and Service Station project (proposed project). The following is provided in this report:

- A description of the proposed project;
- A description of toxic air contaminants (TAC);
- A description of the regulatory setting of TACs;
- A description of TAC standards;
- An analysis of TAC concentrations created from operation of the proposed project; and
- A comparison of the calculated cancer and acute non-cancer risks with the SCAQMD thresholds.

### *1.2 Site Location and Study Area*

The project site is located at 10598 Cedar Avenue in the town of Bloomington which is an unincorporated portion of San Bernardino County (County). The approximately 4.39-acre project site is currently developed with an approximately 6,300 square foot building and associated parking lot on the northern 1.89 acres of the project site. The project site is bounded by Slover Avenue and commercial uses to the north, Cedar Avenue and single-family homes to the east, vacant land and commercial uses to the south, and single-family homes and Valencia Street to the west. The project study area is shown in Figure 1.

### *1.3 Proposed Project Description*

The proposed project would consist of the development of a 13-vehicle fueling position gas station with two canopies that total 4,052 square feet, a 5,812 square foot convenience market with a quick serve restaurant (QSR) and a 49-space parking lot located on the northern 1.89 acres of the project site. The remainder portion of the project site (approximately 2.46 acres) would not be developed as part of the proposed project. The proposed site plan is shown in Figure 2.

### *1.4 Sensitive Receptors*

Individuals who are more sensitive to toxic exposures than the general population are considered sensitive receptors. This would include children, the elderly, and persons with preexisting respiratory or cardiovascular illness. Such receptors may reside at hospitals, residences, convalescent facilities, and schools. The nearest offsite sensitive receptors to the project site consist of single-family homes located as near as 10 feet west of the project site, 310 feet east of the project site, and 120 feet north of the project site. In addition, the nearest structure for Bloomington Junior High School/Slover Mountain High School is located as near as 450 feet northeast of the project site.

### *1.5 Atmospheric Setting*

The project site is located within the southern portion of San Bernardino County, which is part of the South Coast Air Basin (Air Basin) that includes all of Orange County as well as the non-desert portions of

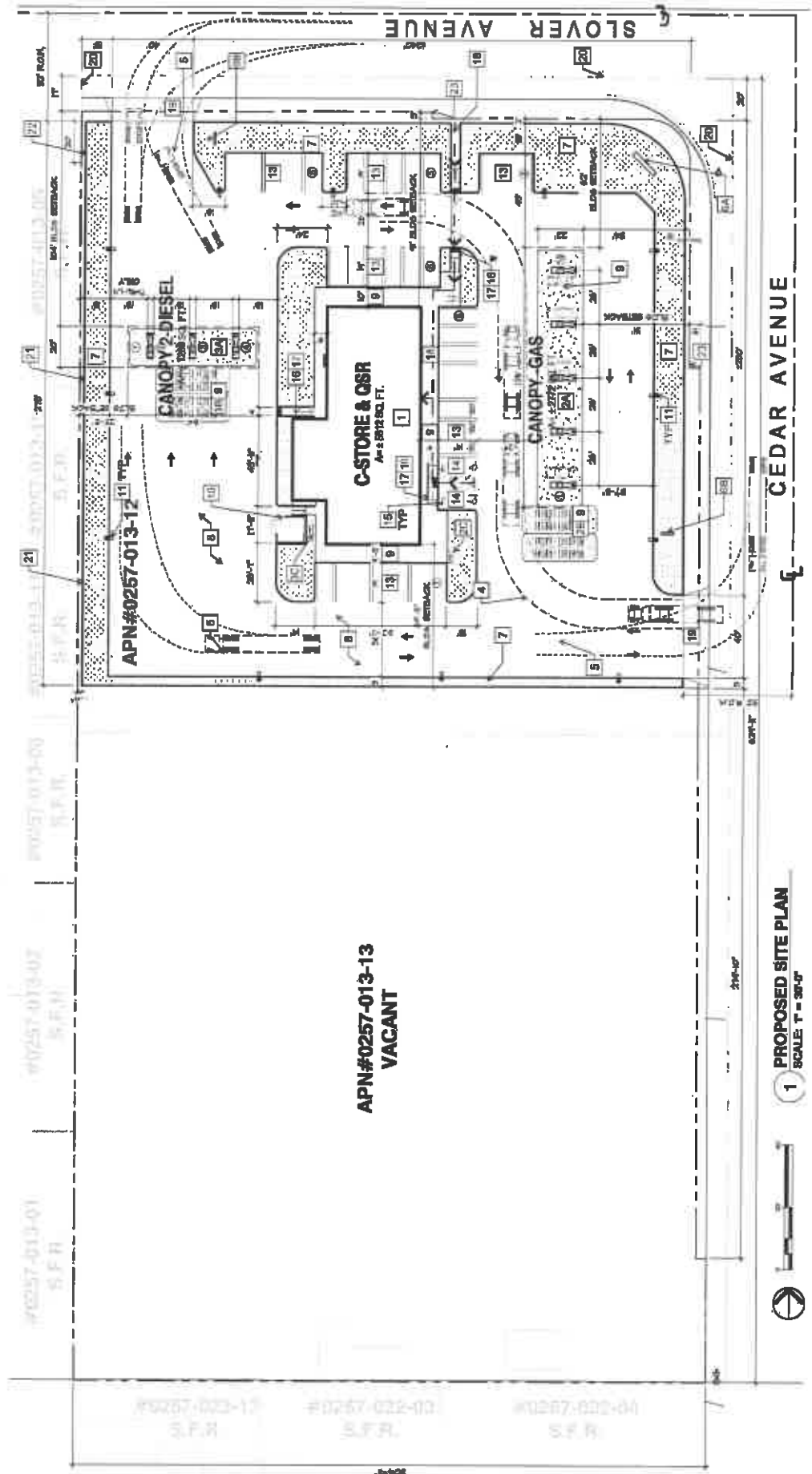
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Los Angeles, Riverside, and San Bernardino Counties. The Air Basin is regulated by the South Coast Air Quality Management District (SCAQMD).

The Air Basin is located on a coastal plain and is bounded by the Pacific Ocean to the southwest and high mountains to the east forming the inland perimeter. The climate is Southern California's Mediterranean-type climate, which is characterized by hot dry summers, mild moist winters with infrequent rainfall, moderate afternoon breezes, and generally fair weather. Strong temperature inversions are more common during the summer. It is not uncommon to see temperatures above 90 degrees Fahrenheit during the period from August to September.



Figure 1  
Project Study Area



APN#0257-013-13  
VACANT

1 PROPOSED SITE PLAN  
SCALE: 1" = 30'-0"

SOURCE: Karaki Western States Engineering

# VISTA ENVIRONMENTAL

Figure 2  
Proposed Site Plan



## 2.0 TOXIC AIR CONTAMINANTS

Toxic air contaminants (TACs) is a term that is defined under the California Clean Air Act and consists of the same substances that are defined as Hazardous Air Pollutants (HAPs) in the Federal Clean Air Act. There are over 700 hundred different types of TACs with varying degrees of toxicity. Sources of TACs include industrial processes such as petroleum refining and chrome plating operations, commercial operations such as gasoline stations and dry cleaners, and motor vehicle exhaust. Cars and trucks release at least 40 different toxic air contaminants. The most important of these TACs, in terms of health risk, are diesel particulates, benzene, formaldehyde, 1,3-butadiene, and acetaldehyde. Public exposure to TACs can result from emissions from normal operations as well as from accidental releases. Health effects of TACs include cancer, birth defects, neurological damage, and death.

### 2.1 Diesel Particulate Matter

According to *The California Almanac of Emissions and Air Quality 2013 Edition*, the majority of the estimated health risk from TACs can be attributed to relatively few compounds, the most important of which is diesel particulate matter (DPM). DPM is a subset of PM<sub>2.5</sub> because the size of diesel particles are typically 2.5 microns and smaller. The identification of DPM as a TAC in 1998 led the California Air Resources Board (CARB) to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-fueled Engines and Vehicles in September 2000. The plan's goals are a 75-percent reduction in DPM by 2010 and an 85-percent reduction by 2020 from the 2000 baseline. Diesel engines emit a complex mixture of air pollutants, composed of gaseous and solid material. The visible emissions in diesel exhaust are known as particulate matter or PM, which includes carbon particles or "soot." Diesel exhaust also contains a variety of harmful gases and over 40 other cancer-causing substances. California's identification of DPM as a toxic air contaminant was based on its potential to cause cancer, premature deaths, and other health problems. Exposure to DPM is a health hazard, particularly to children whose lungs are still developing and the elderly who may have other serious health problems. Overall, diesel engine emissions are responsible for the majority of California's potential airborne cancer risk from combustion sources. The various pollutants within DPM that also cause acute and chronic health impacts are detailed below in Table A. Table A was developed through crosschecking all diesel emissions pollutants provided in San Diego Air Pollution Control District's (SDAPCD) Diesel Fired Engines Emissions Factor Table to the list of acute and chronic reference exposure levels provided at: <http://oehha.ca.gov/air/allrels.html>.

**Table A – Diesel Emission Pollutants that Cause Acute and Chronic Health Impacts**

TAC	TAC Potency Factors ( $\mu\text{g}/\text{m}^3$ ) <sup>1</sup>		Percent of DPM Emission Rate <sup>3</sup>	Target Organ Systems
	Acute REL <sup>2</sup>	Chronic REL		
1,3-Butadiene	660	140	0.51%	Development
Acetaldehyde	470	140	1.84%	Eyes, respiratory system (sensory irritation)
Acrolein	2.5	0.35	0.08%	Eyes, respiratory system
Arsenic	0.2	0.015	0.004%	Reproductive/developmental, cardiovascular system, nervous system
Benzene	27	3	0.44%	Hematologic system, immune system, reproductive/developmental
Cadmium	--	0.02	0.004%	kidney, respiratory system
Chlorobenzene	--	1,000	0.0005%	Eyes, respiratory system
Chromium (hexavalent)	--	0.2	0.001%	Respiratory system, hematologic system
Copper	100	--	0.01%	Respiratory system

TAC	TAC Potency Factors ( $\mu\text{g}/\text{m}^3$ ) <sup>1</sup>		Percent of DPM Emission Rate <sup>3</sup>	Target Organ Systems
	Acute REL <sup>2</sup>	Chronic REL		
Ethyl benzene	--	5	0.03%	Liver, kidney, developmental
Formaldehyde	55	9	4.07%	Eyes, immune system, respiratory
Hexane	--	200	0.06%	Nervous system
Hydrogen Chloride	2,100	9	0.44%	Eyes, respiratory system
Manganese	--	0.09	0.01%	Nervous system
Mercury	0.6	0.03	0.005%	Reproductive/developmental
Naphthalene	--	9	0.05%	Respiratory system
Nickel	0.2	002	0.01%	Immune system, respiratory system
Propylene	--	3000	1.10%	Respiratory System
Selenium	--	20	0.01%	Liver, cardiovascular system, nervous system
Toluene	37000	300	0.25%	Nervous system, eyes, respiratory system, reproductive/developmental
Xylene	22000	700	0.10%	Eyes, nervous and respiratory systems
DPM	--	5	--	Respiratory system

Notes:

<sup>1</sup> Potency factors obtained from: <http://www.oehha.ca.gov/risk/ChemicalDB/index.asp>

<sup>2</sup> REL = Reference Exposure Level

<sup>3</sup> Percentage of DPM Emission Rate calculated by dividing the pollutant's pounds per 1,000 gallons rate by the PM2.5 pounds per 1,000 gallons rate provided by the SDAPCD

Sources: SDAPCD, 2011 and OEHHA, 2014.

## 2.2 Gasoline Emissions

CARB staff has evaluated the potential cancer risk levels caused by the use of gasoline and their findings are shown in Table B. Table B shows the emissions of four major compounds of gasoline exhaust in the year 2005 for their study area (CARB, 2008). As indicated in Table B, the cancer potency weighted emissions of these four TACs from all types of gasoline sources are estimated at 481 tons per year. For gasoline vehicle sources, the potency weighted emissions of these four TACs are estimated at about 253 tons per year, or about 6 percent of the potency of diesel emissions.

**Table B – TAC Emissions from Gasoline Exhaust**

Toxic Air Contaminant	Emissions (tons per year)			
	All Sources	Potency Weighted <sup>1</sup>	Gasoline Vehicular Sources	Potency Weighted
1,3-Butadiene	414	228	245	135
Benzene	1,997	180	1,153	104
Formaldehyde	3,208	61	605	12
Acetaldehyde	1,355	12	177	2
Total (other than DPM)	6,974	481	2,180	253
Diesel PM	4,552	4,552	--	--
Ratio of Gasoline Vehicular Sources to DPM Potency Weight				0.06

Note:

<sup>1</sup> Based on cancer potency weighting factors.

Source: ARB, 2008.

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### **2.3 Asbestos**

Asbestos is listed as a TAC by CARB and as a Hazardous Air Pollutant by the EPA. Asbestos occurs naturally in mineral formations and crushing or breaking these rocks, through construction or other means, can release asbestiform fibers into the air. Asbestos emissions can result from the sale or use of asbestos-containing materials, road surfacing with such materials, grading activities, and surface mining. The risk of disease is dependent upon the intensity and duration of exposure. When inhaled, asbestos fibers may remain in the lungs and with time may be linked to such diseases as asbestosis, lung cancer, and mesothelioma. The nearest likely locations of naturally occurring asbestos, as identified in the *General Location Guide for Ultramafic Rocks in California*, prepared by the California Division of Mines and Geology, is located in Santa Barbara County. The nearest historic asbestos mine to the project site, as identified in the *Reported Historic Asbestos Mines, Historic Asbestos Prospects, and Other Natural Occurrences of Asbestos in California*, prepared by U.S. Geological Survey, is located at Asbestos Mountain, which is approximately 62 miles northwest of the project site in the San Jacinto Mountains. Due to the distance to the nearest natural occurrences of asbestos, the project site is not likely to contain asbestos.

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### 3.0 REGULATORY SETTING

The TACs emissions from the proposed project are addressed through the efforts of various federal, state, regional, and local government agencies. These agencies work jointly, as well as individually, to reduce TACs through legislation, regulations, planning, policy-making, education, and a variety of programs. The agencies responsible for improving TACs are discussed below.

#### **Federal and State**

The United States Environmental Protection Agency (EPA) is responsible for setting and enforcing the National Ambient Air Quality Standards (NAAQS) for atmospheric pollutants. There are national standards for six common "criteria" air pollutants including ozone, nitrogen dioxide, carbon monoxide, particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>), lead, and sulfur dioxide, which were identified from provisions of the Clean Air Act of 1970. California, under the California Clean Air Act, has also defined a set of health protective California Ambient Air Quality Standards (CAAQS).

Besides the "criteria" air pollutants, there is another group of substances found in ambient air referred as Hazardous Air Pollutants (HAPs) under the Federal Clean Air Act and Toxic Air Contaminants (TACs) under the California Clean Air Act. These contaminants tend to be localized to their sources and are found in relatively low concentrations in ambient air. They are regulated at the federal, state and regional levels, due to their potential of causing adverse health effects from exposure to low concentrations for long periods of time. HAPs are the air contaminants identified by the EPA as known or suspected to cause cancer, serious illness, birth defects, or death. Many of the contaminants originate from human activities, such as fuel combustion and solvent use. Mobile Source Air Toxics (MSATs) are a subset of the 188 identified HAPs. Of the 21 different HAPs that constitute the MSATs, there are six primary HAPs identified that include diesel exhaust, benzene, formaldehyde, acetaldehyde, acrolein, and 1, 3-butadiene. While vehicle miles traveled in the United States is anticipated to increase by 64 percent between 2000 and 2020, emissions of MSATs are anticipated to decrease between 57 and 67 percent as a result of efforts to control mobile source emissions.

The CARB Statewide comprehensive air toxics program was established in the early 1980s. The TAC Identification and Control Act (Assembly Bill 1807, Tanner 1983 [AB 1807]) created California's program to reduce exposure to air toxics. The Air Toxics "Hot Spots" Information and Assessment Act (Assembly Bill 2588, Connelly 1987 [AB 2588]) supplements the AB 1807 program by requiring a statewide air toxics inventory, notification of people exposed to a significant health risk, and facility plans to reduce these risks.

AB 1807, requires the CARB to identify and control TACs. In selecting substances, the CARB must consider "the risk of harm to the public health, amount or potential amount of emissions, manner of, and exposure to, usage of the substance in California, persistence in the atmosphere, and ambient concentrations in the community." AB 1807 also requires the CARB to use available information gathered from the AB 2588 program to include in the prioritization of compounds. In 1992, the Hot Spots Act was amended by Senate Bill 1731, to require facilities that pose a significant health risk to reduce their risk through a risk management plan.

In 2000, the CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled engines and vehicles. The goal of the plan is to reduce PM emissions and the associated health risks by 75 percent by 2010 and 85 percent by 2020. The plan provides a roadmap that identifies steps CARB will be taking to develop specific regulations to reduce diesel particulate matter (DPM) emissions.

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As a result of controls on motor vehicles, fuels, stationary sources, and consumer products, the public's exposure to air toxics has decreased dramatically. Between the early 1990's and today, the decrease in statewide average health risk ranged from approximately 20 percent from formaldehyde to approximately 90 for perchlorethylene. 1,3-butadiene and benzene have also seen significant decreases of 80 to 85 percent as a result of CARB's mobile source control program. In addition dioxins have been reduced by 99 percent in that time period, however that is primarily due to CARB's restrictions on medical waste incinerators.

### CCR Title 13. Section 2025 - On-Road Diesel Truck Fleets

On December 12, 2008 the CARB adopted Resolution 08-43, which limits NOx, PM10 and PM2.5 emissions from on-road diesel truck fleets that operate in California. On October 12, 2009 Executive Order R-09-010 was adopted that codified Resolution 08-43 into Section 2025, title 13 of the California Code of Regulations. This regulation requires that by the year 2023 all commercial diesel trucks that operate in California shall meet model year 2010 (Tier 4 Final or Tier 4f) or latter emission standards. In the interim period, this regulation provides annual interim targets for fleet owners to meet. By January 1, 2017, 80 percent of a truck fleet is required to have installed Best Available Control Technology (BACT) for NOx emissions and 100 percent of a truck fleet installed BACT for PM10 emissions. This regulation also provides a few exemptions including a delayed implementation rate for truck fleets of three or fewer trucks, exemptions for agricultural trucks that drive less than 1,000 miles per year, and a onetime per year 3-day pass for trucks registered outside of California. All diesel trucks that utilize public roads in California are required to comply with CCR Title 13, Section 2025.

### CCR Title 13. Section 2485 - Commercial Vehicle Idling and Auxiliary Power Systems

On October 20, 2005 the CARB approved regulatory measures including the adoption of Title 13, Chapter 9, Article 8, Section 2485 of the California Code of Regulations (CCR) (Section 2485), which regulates idling activities and auxiliary power systems (APS) in commercial vehicle vehicles with a vehicle weight rating of greater than 10,000 pounds. On December 5, 2014, the OAL approved new Amendments Section 2485, which became effective on January 1, 2015, and now all APS systems operated in California are required to meet the model year 2007 or newer emissions standards and all new APS systems are required to meet the Tier 4f emission standards and by 2023 all APS systems operating in California will be required to meet the Tier 4f emissions standards. Section 2485 also restricts vehicle idling to no more than five minutes at any one location and restricts the operation of an APS to no more than five minutes in any location within 100 feet of a sensitive receptor.

### **Regional**

The South Coast Air Quality Management District (SCAQMD) is the agency principally responsible for comprehensive air pollution control for the South Coast Air Basin (Air Basin). The SCAQMD is responsible for regulating emissions primarily from stationary sources and certain areawide and indirect sources but as no authority over motor vehicle emissions and other non-stationary sources of TAC emissions. To that end, as a regional agency, the SCAQMD works directly with the Southern California Association of Governments (SCAG), county transportation commissions, and local governments and cooperates actively with all federal and state agencies. The SCAQMD with coordination of SCAG is also responsible for developing, updating and implementing the Air Quality Plans for the Air Basin. In addition, the SCAQMD has prepared the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis, August 2003, which sets forth recommended thresholds of significance, analysis methodologies, and provides guidance on mitigating significant TAC impacts.

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In order to determine the Air Basin-wide risks associated with major airborne carcinogens, the SCAQMD conducted the Multiple Air Toxics Exposure Study (MATES) studies. According to the SCAQMD's MATES-IV study, the project site has an estimated cancer risk of 772 per million persons chance of cancer. In comparison, the average cancer risk for the Air Basin is 991 per million persons, which is based on the use of age-sensitivity factors detailed in the OEHHA Guidelines (OEHHA, 2015).

In order to provide a perspective of risk, it is often estimated that the incidence in cancer over a lifetime for the U.S. population ranges between 1 in 3 to 4 and 1 in 3, or a risk of about 300,000 per million persons. The MATES-III study referenced a Harvard Report on Cancer Prevention, which estimated that of cancers associated with known risk factors, about 30 percent were related to tobacco, about 30 percent were related to diet and obesity, and about 2 percent were associated with environmental pollution related exposures that includes hazardous air pollutants.

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## 4.0 MODELING PARAMETERS AND ASSUMPTIONS

The dispersion modeling utilized for analyzing both the TAC emissions and criteria pollutant emissions in this analysis has been based on the recommended methodology described in *Emission Inventory Risk Assessment Guidelines for Gasoline Dispensing Stations*, prepared by SCAQMD, January 2007, and *Air Toxics Hot Spots Program Risk Assessment Guidelines* (OEHHA Guidelines), prepared by Office of Environmental Health Hazard, February 2015. Important issues that affect the dispersion modeling include the following: 1) Model Selection, 2) Source Treatment, 3) Meteorological Data, and 4) Receptor Grid. Each of these issues are addressed below.

### 4.1 Model Selection

The AERMOD View Version 9.3.0 Model was used for all dispersion modeling. Key dispersion modeling options selected include the regulatory default option and urban modeling option for San Bernardino County with a population of 2,015,355. Flagpole receptor height was set to 0 meters. AERMAP was run with a 7.5 minute USGS DEM Map of Fontana.

### Meteorological Data

Meteorological data from SCAQMD's Fontana monitoring site was selected for this modeling application. Five full years of sequential meteorological data was collected at the Fontana Monitoring Station that included 2008, 2009, 2010, 2011, and 2012. The SCAQMD processed the data for input to the model. The data was obtained at: <http://www.aqmd.gov/home/library/air-quality-data-studies/meteorological-data/aermod-table-1>

### Receptor Grid

The nearest sensitive receptors that may be impacted by the proposed project are single-family homes located approximately 10 feet west of the project site, 310 feet east of the project site, and 120 feet north of the project site. In addition, the nearest structure for Bloomington Junior High School/Slover Mountain High School is located approximately 450 feet northeast of the project site.

Discrete receptors were placed at eight of the nearest offsite single-family homes and at the nearest school and fence line grid receptors were used out to 500 meters (1,640 feet). Figure 3 shows the locations of the sources and receptors modeled in the AERMOD model.

### 4.2 Emissions Assumptions

The proposed project would consist of the development of a 13-fueling position gas station and a 5,812 square foot convenience store and quick serve restaurant (QSR). Operational hours are anticipated to be 24-hours per day, 7 days per week with operation expected to start in 2017. The proposed project is anticipated to generate TAC emissions from diesel vehicle operations and from gasoline fuel dispensing activities, which are discussed separately below.

### Project-Related Diesel Vehicle Emissions

The project-related diesel vehicle emissions have been analyzed separately for diesel vehicle running emissions and vehicle idling emissions.

### Diesel Vehicle Running Emissions

The diesel vehicle emissions created by the vehicle trips generated by the proposed project on the project site and on Cedar Avenue and Slover Avenue within a quarter mile of the project site have been

calculated through use of the vehicle trip rates provided in the *Proposed Chevron Convenience Store and Service Station Traffic Impact Study* (Traffic Impact Study), prepared by RK Engineering Group, Inc., October 2016, which found that the proposed project would generate 2,116 daily vehicle trips. Since three of the 13 proposed fuel pumps are diesel, it has been assumed that 3/13 of the project generated vehicle trips or 488 daily vehicles trips would be diesel powered.

In order to determine the vehicle mix (percentage of non-trucks and trucks) the CalEEMod default vehicle mix was utilized. The traffic volumes utilized in this analysis along with the vehicles mixes are shown in Table C.

**Table C – Project Generated Average Daily Traffic Volumes and Vehicle Mixes**

Roadway <sup>2</sup>	Road Segment	All Vehicles (ADT)			Diesel Vehicles (ADT) <sup>1</sup>		
		Non-Trucks <sup>3</sup>	Medium Trucks	Heavy Trucks	Non-Trucks <sup>3</sup>	Medium Trucks	Heavy Trucks
Cedar Avenue	North of Slover Ave	760	36	51	175	8	12
Cedar Avenue	South of Slover Ave	380	18	25	88	4	6
Slover Avenue	West of Cedar Ave	380	18	25	88	4	6
Slover Avenue	East of Cedar Ave	380	18	25	88	4	6
Onsite <sup>4</sup>		950	45	64	219	10	15

Notes:

<sup>1</sup> Diesel vehicle trips based on ratio of diesel to gasoline fuel pumps (3/13).

<sup>2</sup> ADTs obtained from Traffic Impact Study (RK Engineering Group, Inc., 2016). Vehicle mix obtained from CalEEMod default mix.

<sup>3</sup> Non-Trucks include light auto, light trucks, medium trucks, buses, motorcycles, and motor homes.

<sup>4</sup> Since the line volume source for the Onsite Roadway models both inbound and outbound trips, the ADT was divided by two.

**Cancer Risk Emissions Factors**

Since, cancer risk is determined over three exposure time periods (the third trimester of a pregnancy to 2 years of age, 2 to 16 years, and 16 to 30 years) mobile source emissions were calculated based on the annual average emission factors from different model years for each of the three time exposure periods associated with evaluating exposures to residential populations. The proposed project expects an initial occupancy in 2017. Therefore, for the assessment of health risks to sensitive/residential receptors, the DPM emissions factors derived from the CARB EMFAC model as diesel PM10 were developed as an average of truck fleet emission factors from the Project's initial occupancy year of 2017 to 2019, 2020 to 2034, and 2035 to 2046. This averaging of emissions takes into account the fact that emissions from diesel vehicles are expected to significantly decline in future years as a result of vehicle turnover and implementation of existing mobile source emission control rules in place from the CARB. The vehicle speeds for each class of vehicle were based on the posted speed limits onsite and offsite on Cedar Avenue and Slover Avenue. The cancer risk PM10 emission factors assumed in the assessment are shown in Table D and the EMFAC2014 model printouts are provided in Appendix A.



**Table D – EMFAC2014 DPM Emission Rates**

Vehicle Class	Speed (mph)	EMFAC2014 PM10 Running Emissions Rates (grams/mile)		
		2017-2019	2020-2034	2035-2046
Onsite				
Non-Trucks	5	0.1121	0.0308	0.0045
Truck 1	5	0.1041	0.0559	0.0194
Truck 2	5	0.1207	0.0148	0.0093
Offsite (Cedar Avenue and Slover Avenue)				
Non-Trucks	45	0.0242	0.0076	0.0015
Truck 1	45	0.0226	0.0141	0.0067
Truck 2	45	0.0447	0.0071	0.0044

Source: EMFAC2014.

In order to simplify the modeling, the non-trucks, Trucks 1, and Trucks 2 PM10 emissions from all analyzed roadway segments were combined and analyzed as a single line volume source in AERMOD. The line volume source for Cedar Avenue north of Slover Avenue was modeled with a 48 foot (15 meter) width, Cedar Avenue south of Slover Avenue was modeled with a 56 foot (17 meter) width, and Slover Avenue was modeled with a 47 foot (14 meter) width, which are the distances between the outside lanes. The onsite roadways were modeled with a 12 foot (3.7 meter) width. All roadways were modeled with a 6-foot (1.8 meter) height. The cancer PM10 emission rates entered into the AERMOD model are shown below in Table E.

**Table E – Roadway Cancer Risk Emissions Rates used in the AERMOD Model**

Source ID	Description	Diesel Vehicles Daily Trips <sup>1</sup>	PM10 Emission Rate (grams/second) <sup>2</sup>		
			2017-2019	2020-2034	2035-2046
CEDAR N	Cedar North Non-Trucks	175	1.27E-05	3.97E-06	8.12E-07
	Cedar North Trucks 1	8	5.61E-07	3.51E-07	1.67E-07
	Cedar North Trucks 2	12	1.57E-06	2.49E-07	1.53E-07
	<b>Cedar North Total Emissions</b>		<b>1.48E-05</b>	<b>4.57E-06</b>	<b>1.13E-06</b>
CEDAR S	Cedar South Non-Trucks	88	7.43E-06	2.32E-06	4.74E-07
	Cedar South Trucks 1	4	3.28E-07	2.05E-07	9.74E-08
	Cedar South Trucks 2	6	9.17E-07	1.45E-07	8.94E-08
	<b>Cedar South Total Emissions</b>		<b>8.67E-06</b>	<b>2.67E-06</b>	<b>6.61E-07</b>
SLOVER W	Slover West Non-Trucks	88	7.36E-06	2.30E-06	4.70E-07
	Slover West Trucks 1	4	3.25E-07	2.03E-07	9.66E-08
	Slover West Trucks 2	6	9.10E-07	1.44E-07	8.87E-08
	<b>Slover West Total Emissions</b>		<b>8.60E-06</b>	<b>2.65E-06</b>	<b>6.56E-07</b>
SLOVER E	Slover East Non-Trucks	88	6.39E-06	2.00E-06	4.08E-07
	Slover East Trucks 1	4	2.82E-07	1.76E-07	8.38E-08
	Slover East Trucks 2	6	7.89E-07	1.25E-07	7.69E-08
	<b>Slover East Total Emissions</b>		<b>7.46E-06</b>	<b>2.30E-06</b>	<b>5.69E-07</b>
ONSITE	Onsite Non-Trucks	219	2.69E-05	7.37E-06	1.08E-06
	Onsite Trucks 1	10	1.18E-06	6.34E-07	2.20E-07
	Onsite Trucks 2	15	1.93E-06	2.36E-07	1.50E-07
	<b>Onsite Total Emissions</b>		<b>3.00E-05</b>	<b>8.25E-06</b>	<b>1.45E-06</b>

Notes:

<sup>1</sup> Diesel Vehicles Daily Trips obtained from Table C above.

<sup>2</sup> Emission Rates calculated by converting the EMFAC emissions factors to grams per second and multiplying by percent running time (time of travel for one vehicle across roadway \* daily vehicle trips / 24 hours)

### Non-Cancer (Acute and Chronic) Risk Emissions Factors

Since the non-cancer acute and chronic exposure time periods range from one hour to over one year, the opening year 2017 emissions rates were utilized from the EMFAC2014 model. The non-cancer risk benzene emission factors assumed in the assessment are detailed in Appendix B and shows that for Cedar Avenue and Slover Avenue non-trucks create 0.0294 grams per mile, Trucks 1 create 0.0235 grams per mile, and Trucks 2 create 0.0549 grams per mile. For onsite roadways, non-trucks create 0.1392 grams per mile, Trucks 1 create 0.1099 grams per mile, and Trucks 2 create 0.1572 grams per mile. All other parameters were the same as what were used for the cancer risk emissions factors and the results. The non-cancer benzene emission rates entered into the AERMOD model are shown below in Table F.

**Table F – Non-Cancer Risk Emissions Rates used in the AERMOD Model**

Source ID	Description	Daily Vehicle Operations <sup>1</sup>	Emission Rates <sup>2</sup> (grams/second)	
			PM10	Benzene Equivalent
CEDAR N	Cedar North Non-Trucks	175	1.54E-05	7.81E-05
	Cedar North Trucks 1	8	5.83E-07	2.96E-06
	Cedar North Trucks 2	12	1.93E-06	9.76E-06
	<b>Cedar North Total Emissions</b>		<b>1.97E-05</b>	<b>1.79E-05</b>
CEDAR S	Cedar South Non-Trucks	88	9.00E-06	4.56E-05
	Cedar South Trucks 1	4	3.41E-07	1.73E-06
	Cedar South Trucks 2	6	1.12E-06	5.70E-06
	<b>Cedar South Total Emissions</b>		<b>1.05E-05</b>	<b>5.31E-05</b>
SLOVER W	Slover West Non-Trucks	88	8.93E-06	4.53E-05
	Slover West Trucks 1	4	3.38E-07	1.71E-06
	Slover West Trucks 2	6	1.12E-06	5.66E-06
	<b>Slover West Total Emissions</b>		<b>1.04E-05</b>	<b>5.26E-05</b>
SLOVER E	Slover East Non-Trucks	88	7.74E-06	3.93E-05
	Slover East Trucks 1	4	2.93E-07	1.49E-06
	Slover East Trucks 2	6	9.68E-07	4.91E-06
	<b>Slover East Total Emissions</b>		<b>9.00E-06</b>	<b>4.57E-05</b>
ONSITE	Onsite Non-Trucks	219	3.34E-05	1.69E-04
	Onsite Trucks 1	10	1.25E-06	6.32E-06
	Onsite Trucks 2	15	2.52E-06	1.28E-05
	<b>Onsite Total Emissions</b>		<b>3.71E-05</b>	<b>1.88E-04</b>

Notes:

<sup>1</sup> Diesel Vehicles Daily Trips obtained from Table C above.

<sup>2</sup> Emission Rates calculated by converting the EMFAC emissions factors to grams per second and multiplying by percent running time (time of travel for one vehicle across roadway \* daily vehicle trips / 24 hours)

### Onsite Diesel Vehicle Idling

The onsite diesel vehicle idling was modeled as one point source located at the central area of the diesel fuel pumps. The Traffic Impact Study found that the proposed project would generate 2,116 daily vehicle trips and also found that three of the 13 proposed fuel pumps are diesel. Since three of the 13 proposed fuel pumps are diesel, the onsite diesel vehicle idling analysis was based on 3/13 of the daily project generated vehicle trips or 488 daily vehicle trips.

The emissions factor used for the truck idling point source was based on the EMFAC2014 model run that was detailed above for the onsite truck travel emissions and is shown in Appendix A. The idling emission rates utilized in this analysis are shown in Table G that was calculated based on converting the EMFAC emissions rates from grams per hour to grams per second and then multiplying by the daily vehicle trips by five minutes. Since each trip accounts for travel to or from the proposed gas station, this provides a conservative analysis based on 10 minutes of idling onsite per fueling of a vehicle and is consistent with CCR Section 2485 which restricts truck idling to no more than five minutes at any one location. The idling point source was modeled with a 12.6 foot (3.8 meter) height, a 0.1 meter diameter stack, a velocity of 51.71 meters per second, and a temperature of 366 K.

**Table G – AERMOD Model Onsite Truck Idling Emissions Source**

Source ID	Description	Daily Onsite Truck Trips <sup>1</sup>	Emissions Rates (grams/second) <sup>2</sup>		
			2017-2019	2020-2034	2035-2046
	Onsite Non-Truck Idling	438	1.07E-05	2.80E-06	1.56E-07
IDLE	Onsite Truck 1 Idling	21	3.18E-06	2.57E-06	1.60E-06
	Onsite Truck 2 Idling	29	4.76E-07	4.63E-08	1.20E-08
	<b>Total Onsite Idling</b>	<b>488</b>	<b>1.44E-05</b>	<b>5.42E-06</b>	<b>1.77E-06</b>

Notes:

<sup>1</sup> Obtained from Linscott Law & Greenspan, 2016.

<sup>2</sup> Emission rates from EMFAC2014 (see Appendix A).

### Project-Related Gas Station Emissions

The proposed project will include the development of a gas station on 1.89-acres of the project site. The proposed gas station is anticipated to sell 2,500 gallons of gasoline per day, which is based on a typical rate for gas stations with 10 fueling stations. This would result in 912,500 gallons of gasoline sold at the proposed gas station each year. Gasoline fumes released from gasoline dispensing facilities include several TAC pollutants, of which the predominant is benzene, followed by toluene and xylene. According to *Emission Inventory and Risk Assessment Guidelines for Gasoline Dispensing Stations* (SCAQMD Gas Station Guidelines), prepared by SCAQMD in January 2007, “not until the benzene concentrations are more than two orders of magnitude above the 10 per million cancer risk threshold, do the emissions of toluene and xylene begin to cause adverse health effects.” Therefore, this analysis has been limited to calculating only the benzene emissions.

Analyses of health risks from gas station emissions modeling parameters were based on the SCAQMD Gas Station Guidelines, which found that gas stations emissions are primarily from loading of gasoline, tank breathing, refueling, and spillage. The SCAQMD Guidelines provide benzene emission factors from gas station activities are shown in Table H. Table H also shows the calculated benzene emissions rate in grams per second, based on a gas station with a throughput of 912,500 gallons per year that operates 24-hours per day, 365 days a year. In order to simplify the analysis, the benzene emissions were converted to DPM equivalent emissions. The conversion was based on a ratio of the cancer potency factor of 0.1 for benzene to the cancer potency factor of DPM of 1.1.

**Table H – Proposed Gas Station TAC Emissions**

Activity	Emission Factors <sup>1</sup> (pounds/1,000 gallons)		Proposed Gas Station Emissions (grams/second) <sup>1</sup>	
	Gasoline	Benzene	Benzene	Benzene DPM Equivalent <sup>2</sup>
Loading	0.42	0.00126	3.65E-08	3.31E-06
Tank Breathing	0.025	0.00075	2.17E-09	1.97E-10
<b>Combined Loading and Tank Breathing</b>			<b>3.86E-08</b>	<b>3.51E-09</b>
Refueling	0.32	0.00096	2.78E-08	2.53E-09
Spillage	0.42	0.0042	1.22E-07	1.10E-05
<b>Combined Refueling and Spillage</b>			<b>1.49E-07</b>	<b>1.36E-08</b>

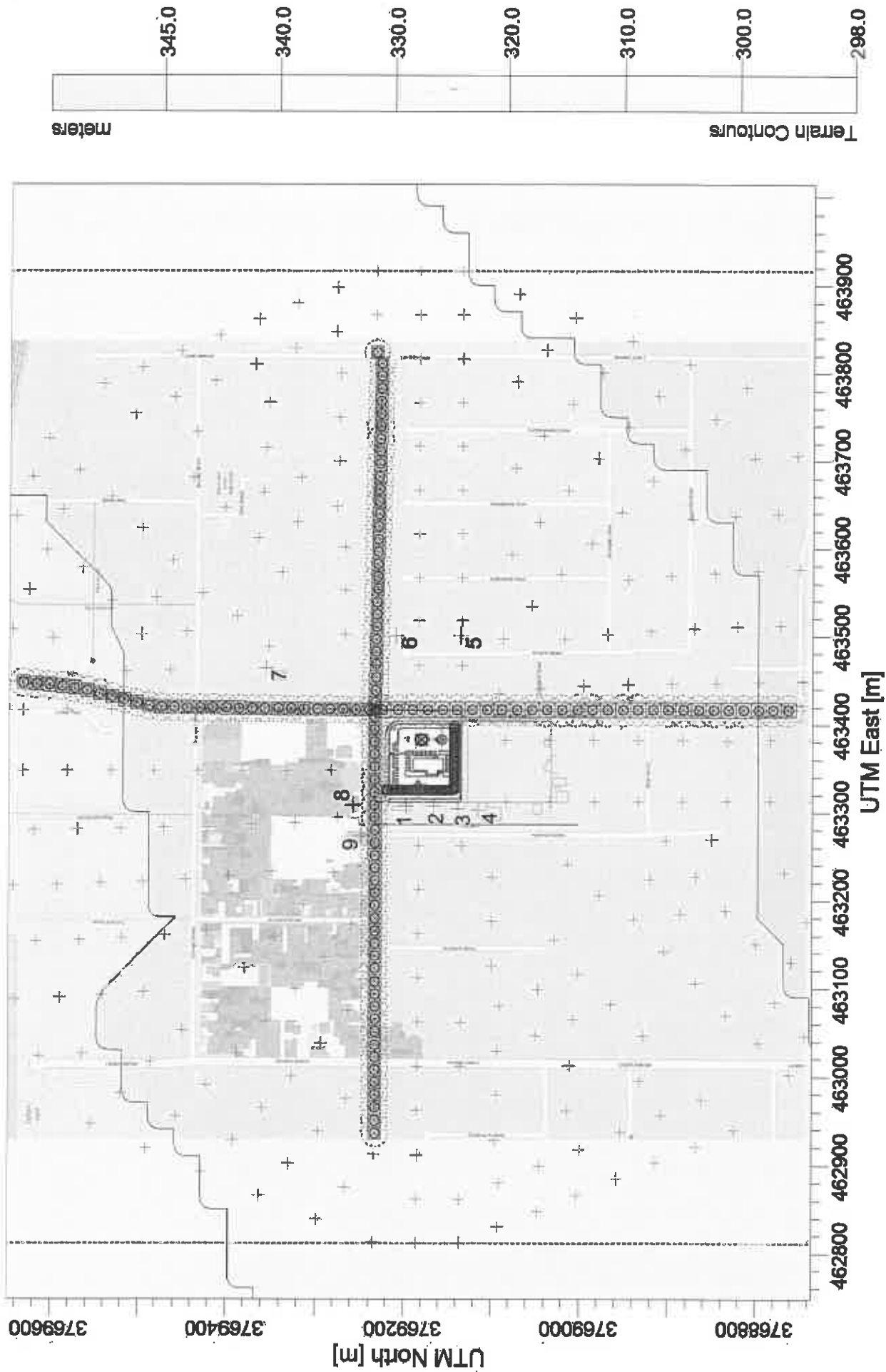
Note:

<sup>1</sup> Proposed gas station emissions based on 912,500 gallons of gasoline per year and operational 24-hours per day, 365 days per year.

<sup>2</sup> Benzene DPM Equivalent based on the ratio between the cancer potency factors of 0.1 for benzene and 1.1 for DPM.

Source: SCAQMD, 2007.

The loading and tank breathing emissions from the proposed gas station were modeled in the AERMOD model as a point source located at the approximate location of the proposed tanks with a release height of 12 feet (3.6 meters), a gas exit temperature of 294°K, a stack inside diameter of 0.05 meter, and a gas exit flow velocity of 0.001 meter per second. The combined refueling and spillage emissions from the proposed gas station were modeled as a volume source with a horizontal dimension of 13 meter by 13 meters and a vertical dimension of 5 meters.



SOURCE: AERMOD Version 9.3.0

**Figure 3**  
Air Dispersion Model Emission Sources and Receptor Locations

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## 5.0 HEALTH RISK STANDARDS

Any project with the potential to expose sensitive receptors or the general public to substantial levels of TACs would be deemed to have a potentially significant impact. A health risk is the probability that exposure to a TAC under a given set of conditions will result in an adverse health effect. The health risk is affected by several factors, such as the amount, toxicity, and concentration of the contaminant; meteorological conditions; distance from the emission sources to people; the distance between emission sources; the age, health, and lifestyle of the people living or working at a location; and the length of exposure to the toxic air contaminant.

The term "risk" usually refers to the chance of contracting cancer as a result of an exposure, and it is expressed as a probability: chances-in-a-million. The values expressed for cancer risk do not predict actual cases that will result from exposure to toxic air contaminants. Rather, they state a probability of contracting cancer over and above the background level and over a given exposure to toxic air contaminants.

According to the SCAQMD CEQA Handbook, any project that has the potential to expose the public to toxic air contaminants in excess of the following thresholds would be considered to have a significant air quality impact:

- If the Maximum Incremental Cancer Risk is 10 in one million or greater; or
- Toxic air contaminants from the proposed project would result in a Hazard Index increase of 1 or greater.

## 6.0 PROJECT IMPACTS

This section assesses the potential health risk from TAC emissions impacts resulting from the operation of the proposed project. Health risks from TACs are twofold. First, TACs are carcinogens according to the State of California. Second, short-term acute and long-term chronic exposure to TACs can cause health effects to the respiratory system. Each of these health risks is discussed below.

### 6.1 Cancer Risks

According to the OEHHA Guidance, the cancer risk should be calculated using the following formula:

$[\text{Dose-inh (mg/(Kg-day))}] * [\text{Oral Slope Factor (kg-day/mg)}] * [1 \times 10^6] * \text{Age Sensitivity Factor} * \text{Fraction of Time at Home} = \text{Potential Cancer Risk}$

Where:

Oral Slope Factor = 1.1

Age Sensitivity Factor = 10 for 3rd trimester to 2 years; 3 for 2 to 16 years; and 1 for 16 to 29.75 years

Fraction of Time at Home = 0.85 for 3rd trimester to 2 years; 0.72 for 2 to 16 years; and 0.73 for 16 to 70 years

$\text{Dose-inh} = (\text{C}_{\text{air}} * \text{DBR} * \text{A} * \text{EF} * \text{ED} * 10^6) / \text{AT}$

Where:

$\text{C}_{\text{air}}$  [Concentration in air ( $\mu\text{g}/\text{m}^3$ )] = (Calculated by AERMOD Model)

DBR [Daily breathing rate (L/kg body weight – day)] = 867 for 3<sup>rd</sup> trimester to 2 years; 572 for 2 to 16 years and 233 to 16 to 69.75 years.

A [Inhalation absorption factor] = 1

EF [Exposure frequency (days/year)] = 350 for residential uses

ED [Exposure duration (years)] = 30 for residential uses

$10^6$  [Micrograms to milligrams conversion]

AT [Average time period over which exposure is averaged in days] = 25,550

The OEHHA guidance recommends that Age Sensitivity Factors be utilized, which includes a 10-fold multiplier to infants (3rd trimester to age 2), a 3-fold increase in exposure for children (ages 2 to 16 years old), and an exposure factor of 1 for ages 16 and older. The OEHHA guidance also recommends separate breathing rates for each age group and the SCAQMD recommends utilizing the 90<sup>th</sup> percentile breathing rates for the 3rd trimester to 2 years and the 80<sup>th</sup> percentile breathing rates for all older persons. The 90<sup>th</sup> percentile breathing rates for 3rd trimester is 333 and for 0 to 2 years is 934. In order to simplify the analysis, the 3rd trimester and 0 to 2 year breathing rates were time-weighted averaged together, which resulted in a breathing rate of 867. The 80<sup>th</sup> percentile breathing rate for 2 to 16 years is 572 and for 16 to 30 years is 261. The OEHHA guidance also recommends utilizing the Fraction of Time at Home in the calculation, since exposure to TAC emissions from the proposed project is not occurring when not at home. The OEHHA developed these calculations from analyzing over 175,000 trips in a survey and determined that only 0.68 percent of these trips overlap with the EF (days per year when residents are on vacation).

According to the above formula, the potential cancer risk for residential receptors equates to  $\text{C}_{\text{air}} * 3,336$  for 3<sup>rd</sup> trimester to age 2,  $\text{C}_{\text{air}} * 559$  for ages 2 to 16, and  $\text{C}_{\text{air}} * 86.1$  for ages 16 to 29.75. Table I provides a summary of the calculated diesel emission concentrations at the nearby representative sensitive receptors.

**Table I – DPM Concentrations and Cancer Risks at Nearby Receptors**

Sensitive Receptor	Receptor Description <sup>1</sup>	Receptor Location <sup>1</sup>		Annual PM10 Concentration ( $\mu\text{g}/\text{m}^3$ )			Cancer Risk Per Million People <sup>2</sup>
		X	Y	2017-2019	2020-2034	2035-2046	
1	SFH West of Project Site	463,307	3,769,197	0.0179	0.0051	0.0010	5.9
2	SFH West of Project Site	463,307	3,769,166	0.0199	0.0056	0.0010	6.5
3	SFH Southwest of Project Site	463,304	3,769,138	0.0135	0.0038	0.0007	4.4
4	SFH Southwest of Project Site	463,303	3,769,115	0.0080	0.0023	0.0005	2.6
5	SFH East of Project Site	463,500	3,769,135	0.0026	0.0008	0.0002	0.9
6	SFH East of Project Site	463,500	3,769,209	0.0046	0.0014	0.0003	1.5
7	School Northeast of Project Site	463,463	3,769,356	0.0033	0.0010	0.0003	1.1
8	SFH North of Project Site	463,308	3,769,258	0.0050	0.0000	0.0000	1.3
9	SFH Northwest of Project Site	463,273	3,769,249	0.0047	0.0000	0.0000	1.2
<b>Threshold of Significance</b>							<b>10</b>
<b>Exceed Threshold?</b>							<b>No</b>

**Notes:**

SFH = Single-Family Home

<sup>1</sup> Receptor location based on World Geodetic System 1984 (WGS84), Universal Transverse Mercator (UTM).

<sup>2</sup> Cancer risk based on a residential receptor cancer risk of:  $C_{\text{air}}(2019-2021) * 3,336 * 2.25 \text{ years} + C_{\text{air}}(2022-2036) * 559 * 14 \text{ years} + C_{\text{air}}(2037-2048) * 86.1 * 13.75 \text{ years}$ .

Source: Calculated from ISC-AERMOD View Version 9.3.0.

Table I shows the highest concentration of DPM created from the proposed project is 0.0199  $\mu\text{g}$  per cubic meter and would occur at Sensitive Receptor 2 for year 2017 to 2019, which represents the single-family home located adjacent to the west side of the project site. Sensitive Receptor 2 was found to result in a cancer risk increase of 6.5 per million people. All DPM equivalent emissions concentrations at the nearby sensitive receptors were found to be below the 10.0 in a million cancer risk threshold that has been discussed above in Section 5.0. Therefore, a less than significant cancer risk would occur from TAC emissions created from the operation of the proposed project.

**6.2 Non-Cancer Risks**

In addition to the cancer risk from exposure to TAC emissions there is also the potential TAC exposure may result in adverse health impacts from acute and chronic illnesses, which are detailed below.

**Chronic Health Impacts**

Chronic health effects are characterized by prolonged or repeated exposure to a TAC over many days, months, or years. Symptoms from chronic health impacts may not be immediately apparent and are often irreversible. The chronic hazard index is based on the most impacted sensitive receptor from the proposed project and is calculated from the annual average concentrations of DPM. The relationship for non-cancer chronic health effects is given by the equation:



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

Where,

- $HI_{DPM}$  = Hazard Index; an expression of the potential for non-cancer health effects.  
 $C_{DPM}$  = Annual average diesel particulate matter concentration in  $\mu\text{g}/\text{m}^3$ .  
 $REL_{DPM}$  = Reference Exposure Level (REL) for diesel particulate matter; the DPM concentration at which no adverse health effects are anticipated.

The  $REL_{DPM}$  is  $5 \mu\text{g}/\text{m}^3$ . The OEHHA, as protective for the respiratory system has established this concentration. As detailed above, in Table I, the AERMOD model found that the highest annual concentration at the nearest sensitive receptor is  $0.0199 \mu\text{g}/\text{m}^3$  for DPM equivalent chronic non-cancer risk emissions. The resulting Hazard Index is:

$$HI_{DPM} = 0.0199 / 5 = 0.00398$$

The criterion for significance is a Chronic Hazard Index increase of 1.0 or greater, which is detailed above in Section 3.0. Therefore, the on-going operations of the proposed project would result in a less than significant impact due to the non-cancer chronic health risk from TAC emissions created by the proposed project.

### Acute Health Impacts

Acute health effects are characterized by sudden and severe exposure and rapid absorption of a TAC. Normally, a single large exposure is involved. Acute health effects are often treatable and reversible. According to the OEHHA, no acute risk has been found to be directly created from DPM, so there is no AREL assigned to DPM, and, therefore, it is not possible to utilize a DPM equivalent emission calculation to calculate the acute health impacts from the proposed project. It should also be noted that the TAC pollutants created from operation of the proposed gas station, convenience market, and quick serve restaurant (QSR) would be limited to naphthalene and PAH without a naphthalene, both of which do not create an acute risk according to the OEHHA. In order to determine the acute health risks from all of the TAC pollutants from diesel emissions listed in Table A above, benzene was utilized as the equivalent emission factor.

In order to account for the acute health impacts created from diesel emissions, the TAC pollutants that are emitted as part of diesel emissions were converted to a benzene equivalent weighting, through multiplying the diesel weight fraction of each TAC to its corresponding acute REL and then dividing by the benzene Acute REL of 27. Then all benzene weighted acute RELs from the TAC pollutants created from diesel emissions and shown in Table A were added together, which resulted in a benzene weighted equivalent factor of 5.07 for DPM emissions. The AERMOD model was re-run for the year 2017 based on all diesel source emission rates multiplied by 5.07 and the gas station benzene emissions as detailed above in Section 4.2. The acute hazard index has been calculated from the maximum hourly concentrations of benzene at the point of maximum impact (PMI) on the project site. The relationship for non-cancer acute health effects is given by the equation:

$$AHI_{benzene} = C_{benzene} / AREL_{benzene}$$

Where,

- $AHI_{benzene}$  = Acute Hazard Index; an expression of the potential for non-cancer health effects.  
 $C_{benzene}$  = Maximum hourly concentration of benzene in  $\mu\text{g}/\text{m}^3$ .  
 $AREL_{benzene}$  = Acute Reference Exposure Level.

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The AERMOD model found that the highest 24-hour concentration at the PMI is 0.204  $\mu\text{g}/\text{m}^3$  for benzene equivalent acute non-cancer risk emissions and Appendix D provides the benzene equivalent emission concentration calculation printouts from the AERMOD model. The resulting Hazard Index is:

$$\text{AHI} = 0.204 / 27 = 0.00756$$

The criterion for significance is an Acute Hazard Index increase of 1.0 or greater, which is detailed above in Section 5.0. Therefore, the on-going operations of the proposed project would result in a less than significant impact due to the non-cancer acute health risk from TAC emissions created by the proposed project.

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## 7.0 REFERENCES

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**APPENDIX A**

**EMFAC2014 Model Printouts**

EMFAC2014

calendar_y	season_m	sub_area	vehicle_cls	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2017	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.139241
2017	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.029391
2017	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.011823
2017	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001387
2017	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.035353
2017	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.00645
2017	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.109894
2017	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.023485
2017	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.009381
2017	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.001137
2017	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.157192
2017	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.054864
2017	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007846
2017	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000949
2017	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.013083
2017	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.006421
2017	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.190334
2017	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.009048
2017	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.13675
2017	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2017	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2017	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.007992
2017	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037008
2017	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2017	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2017	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.801022
2017	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2017	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.079882
2017	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2017	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.078551
2017	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.064659
2017	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028111
2017	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.084289
2017	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.013189
2017	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.120148
2017	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.090132
2017	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2017	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2018	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.106347
2018	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.02311
2018	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.011939
2018	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001382
2018	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.031636
2018	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.005853
2018	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.104116
2018	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.022594
2018	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.009073
2018	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.001094

## EMFAC2014

calendar_y	season	sub_area	vehicle_class	fuel	temperature	relative_humidity	process	speed_time	pollutant	emission_rate
2018	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.113594
2018	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.042521
2018	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007301
2018	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000861
2018	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.011853
2018	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.005824
2018	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.100846
2018	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008953
2018	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.126661
2018	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2018	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2018	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.007992
2018	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037004
2018	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2018	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2018	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.795729
2018	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2018	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.079932
2018	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2018	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.078592
2018	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.050692
2018	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028063
2018	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.084426
2018	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.013165
2018	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.120347
2018	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.077501
2018	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2018	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2019	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.090792
2019	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.020222
2019	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.012109
2019	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001387
2019	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.028166
2019	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.005294
2019	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.098308
2019	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.021683
2019	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.00879
2019	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.001052
2019	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.091209
2019	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.036816
2019	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.006991
2019	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.00081
2019	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.01083
2019	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.005324
2019	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.089111
2019	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.00888
2019	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.118722
2019	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008

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calendar_y	season_m	sub_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2019	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2019	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.007992
2019	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037001
2019	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2019	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2019	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.7879
2019	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2019	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.079984
2019	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2019	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.078636
2019	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.0433
2019	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028011
2019	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.084575
2019	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.013142
2019	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.120549
2019	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.066894
2019	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2019	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2020	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.077469
2020	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.017658
2020	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.01216
2020	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001384
2020	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.02492
2020	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.004781
2020	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.092441
2020	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.020736
2020	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.008541
2020	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.001016
2020	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.04687
2020	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.026867
2020	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.006795
2020	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000774
2020	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.00998
2020	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.004905
2020	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.078816
2020	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.00882
2020	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.112122
2020	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2020	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2020	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.007992
2020	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.036999
2020	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2020	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2020	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.777109
2020	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2020	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080038
2020	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2020	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.078687

## EMFAC2014

calendar_y	season	sub_area	vehicle_class	fuel	temperature	relative_humidity	process	speed_tpm	pollutant	emission_r
2020	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.02556
2020	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.027967
2020	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.084701
2020	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.013119
2020	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.120743
2020	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.058011
2020	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2020	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2021	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.065724
2021	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.015318
2021	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.01207
2021	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001366
2021	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.022017
2021	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.004285
2021	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.086551
2021	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.019757
2021	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.008296
2021	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.00098
2021	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.028379
2021	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.012936
2021	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.006724
2021	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000759
2021	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.009263
2021	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.00455
2021	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.069022
2021	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008771
2021	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.106829
2021	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2021	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2021	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.007992
2021	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.036998
2021	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2021	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2021	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.762669
2021	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2021	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080091
2021	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2021	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.078743
2021	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.016505
2021	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.027944
2021	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.084766
2021	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.013095
2021	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.120949
2021	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.050449
2021	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2021	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2022	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.056659
2022	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.013385



**EMFAC2014**

calendar_y	season	mc	sub_area	vehicle_cla	fuel	temperatu	relative_hi	process	speed_tim	pollutant	emission_r
2022	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.012002
2022	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001352
2022	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.019492
2022	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.003844
2022	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.080593
2022	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.01873
2022	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.008109
2022	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000952
2022	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.025362
2022	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.01128
2022	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.006727
2022	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000754
2022	Annual		San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.008664
2022	Annual		San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.004251
2022	Annual		San Bernar	NonTruck	Dsl			IDLEX		PM10	0.059989
2022	Annual		San Bernar	NonTruck	Dsl			PMTW		PM10	0.008732
2022	Annual		San Bernar	NonTruck	Dsl			PMBW		PM10	0.102634
2022	Annual		San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2022	Annual		San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2022	Annual		San Bernar	NonTruck	Gas			PMTW		PM10	0.007991
2022	Annual		San Bernar	NonTruck	Gas			PMBW		PM10	0.036998
2022	Annual		San Bernar	NonTruck	NG			PMTW		PM10	0.012
2022	Annual		San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2022	Annual		San Bernar	Truck1	Dsl			IDLEX		PM10	0.744413
2022	Annual		San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2022	Annual		San Bernar	Truck1	Dsl			PMBW		PM10	0.080144
2022	Annual		San Bernar	Truck1	Gas			PMTW		PM10	0.008
2022	Annual		San Bernar	Truck1	Gas			PMBW		PM10	0.078804
2022	Annual		San Bernar	Truck2	Dsl			IDLEX		PM10	0.014427
2022	Annual		San Bernar	Truck2	Dsl			PMTW		PM10	0.027929
2022	Annual		San Bernar	Truck2	Dsl			PMBW		PM10	0.084809
2022	Annual		San Bernar	Truck2	Gas			PMTW		PM10	0.013074
2022	Annual		San Bernar	Truck2	Gas			PMBW		PM10	0.121135
2022	Annual		San Bernar	Truck2	NG			IDLEX		PM10	0.044095
2022	Annual		San Bernar	Truck2	NG			PMTW		PM10	0.036
2022	Annual		San Bernar	Truck2	NG			PMBW		PM10	0.06174
2023	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.048271
2023	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.011421
2023	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.01197
2023	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001342
2023	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.017198
2023	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.003437
2023	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.074703
2023	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.017696
2023	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.00796
2023	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000929
2023	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.010618
2023	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004744

**EMFAC2014**

calendar_y	season	mo	sub_area	vehicle_class	fuel	temperature	relative_humidity	process	speed	time	pollutant	emission_rate
2023	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	5		PM10	0.006773
2023	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	45		PM10	0.000756
2023	Annual		San Bernar	Truck2	NG	68	50	RUNEX	5		PM10	0.008151
2023	Annual		San Bernar	Truck2	NG	68	50	RUNEX	45		PM10	0.003994
2023	Annual		San Bernar	NonTruck	Dsl			IDLEX			PM10	0.052335
2023	Annual		San Bernar	NonTruck	Dsl			PMTW			PM10	0.008699
2023	Annual		San Bernar	NonTruck	Dsl			PMBW			PM10	0.099255
2023	Annual		San Bernar	NonTruck	Elec			PMTW			PM10	0.008
2023	Annual		San Bernar	NonTruck	Elec			PMBW			PM10	0.03675
2023	Annual		San Bernar	NonTruck	Gas			PMTW			PM10	0.007991
2023	Annual		San Bernar	NonTruck	Gas			PMBW			PM10	0.036998
2023	Annual		San Bernar	NonTruck	NG			PMTW			PM10	0.012
2023	Annual		San Bernar	NonTruck	NG			PMBW			PM10	0.84182
2023	Annual		San Bernar	Truck1	Dsl			IDLEX			PM10	0.725206
2023	Annual		San Bernar	Truck1	Dsl			PMTW			PM10	0.012
2023	Annual		San Bernar	Truck1	Dsl			PMBW			PM10	0.080193
2023	Annual		San Bernar	Truck1	Gas			PMTW			PM10	0.008
2023	Annual		San Bernar	Truck1	Gas			PMBW			PM10	0.078871
2023	Annual		San Bernar	Truck2	Dsl			IDLEX			PM10	0.009474
2023	Annual		San Bernar	Truck2	Dsl			PMTW			PM10	0.02792
2023	Annual		San Bernar	Truck2	Dsl			PMBW			PM10	0.084836
2023	Annual		San Bernar	Truck2	Gas			PMTW			PM10	0.013054
2023	Annual		San Bernar	Truck2	Gas			PMBW			PM10	0.121304
2023	Annual		San Bernar	Truck2	NG			IDLEX			PM10	0.038589
2023	Annual		San Bernar	Truck2	NG			PMTW			PM10	0.036
2023	Annual		San Bernar	Truck2	NG			PMBW			PM10	0.06174
2024	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	5		PM10	0.039833
2024	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	45		PM10	0.009646
2024	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	5		PM10	0.011958
2024	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	45		PM10	0.001335
2024	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	5		PM10	0.015331
2024	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	45		PM10	0.003103
2024	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	5		PM10	0.068909
2024	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	45		PM10	0.016661
2024	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	5		PM10	0.007845
2024	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	45		PM10	0.000909
2024	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	5		PM10	0.010549
2024	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	45		PM10	0.004742
2024	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	5		PM10	0.006845
2024	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	45		PM10	0.00076
2024	Annual		San Bernar	Truck2	NG	68	50	RUNEX	5		PM10	0.007714
2024	Annual		San Bernar	Truck2	NG	68	50	RUNEX	45		PM10	0.003772
2024	Annual		San Bernar	NonTruck	Dsl			IDLEX			PM10	0.045864
2024	Annual		San Bernar	NonTruck	Dsl			PMTW			PM10	0.008667
2024	Annual		San Bernar	NonTruck	Dsl			PMBW			PM10	0.095942
2024	Annual		San Bernar	NonTruck	Elec			PMTW			PM10	0.008
2024	Annual		San Bernar	NonTruck	Elec			PMBW			PM10	0.03675
2024	Annual		San Bernar	NonTruck	Gas			PMTW			PM10	0.007991

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calendar_y	season	mcsb_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_tlm	pollutant	emission_r
2024	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.036999
2024	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2024	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2024	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.705217
2024	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2024	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080238
2024	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2024	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.078943
2024	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.008443
2024	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.027926
2024	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.084819
2024	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.013036
2024	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.121455
2024	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.033849
2024	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2024	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2025	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.032205
2025	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.007853
2025	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.01197
2025	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001333
2025	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.013712
2025	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.002799
2025	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.063319
2025	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.015646
2025	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007759
2025	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000893
2025	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.010444
2025	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004721
2025	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.006934
2025	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000767
2025	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.007339
2025	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.003581
2025	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.039644
2025	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008638
2025	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.092553
2025	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2025	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2025	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.007991
2025	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037
2025	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2025	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2025	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.685202
2025	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2025	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080281
2025	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2025	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.079017
2025	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.007493
2025	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.027941

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calendar_y	season	mcsub_area	vehicle_cls	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2025	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.084776
2025	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.013021
2025	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.121589
2025	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.029746
2025	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2025	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2026	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.02746
2026	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.006875
2026	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.011784
2026	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001311
2026	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.012108
2026	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.002529
2026	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.057973
2026	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.014657
2026	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007703
2026	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000881
2026	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.010326
2026	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004688
2026	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007037
2026	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000777
2026	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.007018
2026	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.003416
2026	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.033567
2026	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008619
2026	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.090775
2026	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2026	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2026	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.007991
2026	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037001
2026	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2026	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2026	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.664498
2026	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2026	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080324
2026	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2026	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.079092
2026	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.006718
2026	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.027963
2026	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.084712
2026	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.013007
2026	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.121701
2026	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.026198
2026	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2026	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2027	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.023021
2027	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.005947
2027	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.011328
2027	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001259

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calendar_y	season	mc	sub_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2027	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.010693
2027	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.002298
2027	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.052959
2027	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.013709
2027	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007674
2027	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000873
2027	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.010188
2027	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004646
2027	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007134
2027	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000787
2027	Annual		San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.006743
2027	Annual		San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.003273
2027	Annual		San Bernar	NonTruck	Dsl			IDLEX		PM10	0.027993
2027	Annual		San Bernar	NonTruck	Dsl			PMTW		PM10	0.008603
2027	Annual		San Bernar	NonTruck	Dsl			PMBW		PM10	0.089231
2027	Annual		San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2027	Annual		San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2027	Annual		San Bernar	NonTruck	Gas			PMTW		PM10	0.007991
2027	Annual		San Bernar	NonTruck	Gas			PMBW		PM10	0.037003
2027	Annual		San Bernar	NonTruck	NG			PMTW		PM10	0.012
2027	Annual		San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2027	Annual		San Bernar	Truck1	Dsl			IDLEX		PM10	0.642783
2027	Annual		San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2027	Annual		San Bernar	Truck1	Dsl			PMBW		PM10	0.080364
2027	Annual		San Bernar	Truck1	Gas			PMTW		PM10	0.008
2027	Annual		San Bernar	Truck1	Gas			PMBW		PM10	0.079169
2027	Annual		San Bernar	Truck2	Dsl			IDLEX		PM10	0.005875
2027	Annual		San Bernar	Truck2	Dsl			PMTW		PM10	0.027988
2027	Annual		San Bernar	Truck2	Dsl			PMBW		PM10	0.08464
2027	Annual		San Bernar	Truck2	Gas			PMTW		PM10	0.012996
2027	Annual		San Bernar	Truck2	Gas			PMBW		PM10	0.121801
2027	Annual		San Bernar	Truck2	NG			IDLEX		PM10	0.023123
2027	Annual		San Bernar	Truck2	NG			PMTW		PM10	0.036
2027	Annual		San Bernar	Truck2	NG			PMBW		PM10	0.06174
2028	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.01914
2028	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.005133
2028	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.010621
2028	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001179
2028	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.009497
2028	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.002083
2028	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.04831
2028	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.012815
2028	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007671
2028	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000867
2028	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.010097
2028	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004619
2028	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007229
2028	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000796

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calendar_y	season	mcsub_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2028	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.006507
2028	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.003149
2028	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.02299
2028	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008588
2028	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.087824
2028	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2028	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2028	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.007991
2028	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037003
2028	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2028	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2028	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.621441
2028	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2028	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080401
2028	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2028	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.079246
2028	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.005367
2028	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028019
2028	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.084553
2028	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.012986
2028	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.121886
2028	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.02045
2028	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2028	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2029	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.016341
2029	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.004526
2029	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.00995
2029	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001104
2029	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.008441
2029	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.001891
2029	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.043995
2029	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.011971
2029	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007668
2029	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000861
2029	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.00999
2029	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004582
2029	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007317
2029	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000805
2029	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.006304
2029	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.003042
2029	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.018593
2029	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008576
2029	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.086569
2029	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2029	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2029	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.007991
2029	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037004
2029	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012

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calendar_y	season	mo	sub_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_t/m	pollutant	emission_r
2029	Annual		San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2029	Annual		San Bernar	Truck1	Dsl			IDLEX		PM10	0.599509
2029	Annual		San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2029	Annual		San Bernar	Truck1	Dsl			PMBW		PM10	0.080436
2029	Annual		San Bernar	Truck1	Gas			PMTW		PM10	0.008
2029	Annual		San Bernar	Truck1	Gas			PMBW		PM10	0.079322
2029	Annual		San Bernar	Truck2	Dsl			IDLEX		PM10	0.004831
2029	Annual		Sari Bernar	Truck2	Dsl			PMTW		PM10	0.02805
2029	Annual		San Bernar	Truck2	Dsl			PMBW		PM10	0.084463
2029	Annual		San Bernar	Truck2	Gas			PMTW		PM10	0.012978
2029	Annual		San Bernar	Truck2	Gas			PMBW		PM10	0.121958
2029	Annual		San Bernar	Truck2	NG			IDLEX		PM10	0.018117
2029	Annual		San Bernar	Truck2	NG			PMTW		PM10	0.036
2029	Annual		San Bernar	Truck2	NG			PMBW		PM10	0.06174
2030	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.014152
2030	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.004005
2030	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.009337
2030	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.001035
2030	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.007717
2030	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.001745
2030	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.040075
2030	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.011189
2030	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007649
2030	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000852
2030	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009876
2030	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004542
2030	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007396
2030	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000813
2030	Annual		San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.00613
2030	Annual		San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002949
2030	Annual		San Bernar	NonTruck	Dsl			IDLEX		PM10	0.014995
2030	Annual		San Bernar	NonTruck	Dsl			PMTW		PM10	0.008565
2030	Annual		San Bernar	NonTruck	Dsl			PMBW		PM10	0.08552
2030	Annual		San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2030	Annual		San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2030	Annual		San Bernar	NonTruck	Gas			PMTW		PM10	0.007991
2030	Annual		San Bernar	NonTruck	Gas			PMBW		PM10	0.037004
2030	Annual		San Bernar	NonTruck	NG			PMTW		PM10	0.012
2030	Annual		San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2030	Annual		San Bernar	Truck1	Dsl			IDLEX		PM10	0.578281
2030	Annual		San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2030	Annual		San Bernar	Truck1	Dsl			PMBW		PM10	0.080469
2030	Annual		San Bernar	Truck1	Gas			PMTW		PM10	0.008
2030	Annual		San Bernar	Truck1	Gas			PMBW		PM10	0.079395
2030	Annual		San Bernar	Truck2	Dsl			IDLEX		PM10	0.00432
2030	Annual		San Bernar	Truck2	Dsl			PMTW		PM10	0.028082
2030	Annual		San Bernar	Truck2	Dsl			PMBW		PM10	0.084372
2030	Annual		San Bernar	Truck2	Gas			PMTW		PM10	0.012971

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calendar_y	season	sub_area	vehicle_class	fuel	temperature	relative_humidity	process	speed_time	pollutant	emission_rate
2030	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122016
2030	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.016103
2030	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2030	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2031	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.012253
2031	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.003475
2031	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.008768
2031	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000971
2031	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.00715
2031	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.001612
2031	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.036553
2031	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.010473
2031	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007625
2031	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000843
2031	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009771
2031	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004504
2031	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007464
2031	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.00082
2031	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005982
2031	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.00287
2031	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.011847
2031	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008555
2031	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.084377
2031	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2031	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2031	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.007991
2031	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037005
2031	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2031	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2031	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.557642
2031	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2031	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080501
2031	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2031	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.079467
2031	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.003847
2031	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028107
2031	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.084302
2031	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.012965
2031	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122066
2031	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.014363
2031	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2031	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2032	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.010901
2032	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.003132
2032	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.008242
2032	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000911
2032	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.006506
2032	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.001492



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calendar_y	season	mcsub_area	vehicle_cls	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2032	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.033506
2032	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.009839
2032	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007616
2032	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000837
2032	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009684
2032	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004472
2032	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007523
2032	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000826
2032	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005856
2032	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002801
2032	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.009162
2032	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008548
2032	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.08354
2032	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2032	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2032	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2032	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037005
2032	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2032	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2032	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.53978
2032	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2032	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.08053
2032	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2032	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.079533
2032	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.003567
2032	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028132
2032	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.084229
2032	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.01296
2032	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122109
2032	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.012862
2032	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2032	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2033	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.009836
2033	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.002836
2033	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.007754
2033	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000857
2033	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.005944
2033	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.0014
2033	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.030842
2033	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.009272
2033	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007581
2033	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000833
2033	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009602
2033	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004442
2033	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.00757
2033	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000832
2033	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005749
2033	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002743

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calendar_y	season	mo	sub_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2033	Annual		San Bernar	NonTruck	Dsl			IDLEX		PM10	0.007075
2033	Annual		San Bernar	NonTruck	Dsl			PMTW		PM10	0.008541
2033	Annual		San Bernar	NonTruck	Dsl			PMBW		PM10	0.082777
2033	Annual		San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2033	Annual		San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2033	Annual		San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2033	Annual		San Bernar	NonTruck	Gas			PMBW		PM10	0.037005
2033	Annual		San Bernar	NonTruck	NG			PMTW		PM10	0.012
2033	Annual		San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2033	Annual		San Bernar	Truck1	Dsl			IDLEX		PM10	0.522779
2033	Annual		San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2033	Annual		San Bernar	Truck1	Dsl			PMBW		PM10	0.080556
2033	Annual		San Bernar	Truck1	Gas			PMTW		PM10	0.008
2033	Annual		San Bernar	Truck1	Gas			PMBW		PM10	0.079594
2033	Annual		San Bernar	Truck2	Dsl			IDLEX		PM10	0.003285
2033	Annual		San Bernar	Truck2	Dsl			PMTW		PM10	0.028158
2033	Annual		San Bernar	Truck2	Dsl			PMBW		PM10	0.084156
2033	Annual		San Bernar	Truck2	Gas			PMTW		PM10	0.012956
2033	Annual		San Bernar	Truck2	Gas			PMBW		PM10	0.122141
2033	Annual		San Bernar	Truck2	NG			IDLEX		PM10	0.011572
2033	Annual		San Bernar	Truck2	NG			PMTW		PM10	0.036
2033	Annual		San Bernar	Truck2	NG			PMBW		PM10	0.06174
2034	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.008533
2034	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.002436
2034	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.007302
2034	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000806
2034	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.005533
2034	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.001322
2034	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.028479
2034	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.008759
2034	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007514
2034	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000826
2034	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009518
2034	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004412
2034	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007608
2034	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000836
2034	Annual		San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005658
2034	Annual		San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002693
2034	Annual		San Bernar	NonTruck	Dsl			IDLEX		PM10	0.005275
2034	Annual		San Bernar	NonTruck	Dsl			PMTW		PM10	0.008534
2034	Annual		San Bernar	NonTruck	Dsl			PMBW		PM10	0.081855
2034	Annual		San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2034	Annual		San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2034	Annual		San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2034	Annual		San Bernar	NonTruck	Gas			PMBW		PM10	0.037005
2034	Annual		San Bernar	NonTruck	NG			PMTW		PM10	0.012
2034	Annual		San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2034	Annual		San Bernar	Truck1	Dsl			IDLEX		PM10	0.506521

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calendar_y	season	sub_area	vehicle_class	fuel	temperature	relative_humidity	process	speed	time	pollutant	emission_rate
2034	Annual	San Bernar	Truck1	Dsl			PMTW			PM10	0.012
2034	Annual	San Bernar	Truck1	Dsl			PMBW			PM10	0.080576
2034	Annual	San Bernar	Truck1	Gas			PMTW			PM10	0.008
2034	Annual	San Bernar	Truck1	Gas			PMBW			PM10	0.079652
2034	Annual	San Bernar	Truck2	Dsl			IDLEX			PM10	0.002995
2034	Annual	San Bernar	Truck2	Dsl			PMTW			PM10	0.028184
2034	Annual	San Bernar	Truck2	Dsl			PMBW			PM10	0.084082
2034	Annual	San Bernar	Truck2	Gas			PMTW			PM10	0.012954
2034	Annual	San Bernar	Truck2	Gas			PMBW			PM10	0.122164
2034	Annual	San Bernar	Truck2	NG			IDLEX			PM10	0.010464
2034	Annual	San Bernar	Truck2	NG			PMTW			PM10	0.036
2034	Annual	San Bernar	Truck2	NG			PMBW			PM10	0.06174
2035	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5		PM10	0.00788
2035	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45		PM10	0.002223
2035	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5		PM10	0.006885
2035	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45		PM10	0.000759
2035	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5		PM10	0.005241
2035	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45		PM10	0.001257
2035	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5		PM10	0.026326
2035	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45		PM10	0.008288
2035	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5		PM10	0.007469
2035	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45		PM10	0.000821
2035	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5		PM10	0.009445
2035	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45		PM10	0.004386
2035	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5		PM10	0.007645
2035	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45		PM10	0.00084
2035	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5		PM10	0.00558
2035	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45		PM10	0.002651
2035	Annual	San Bernar	NonTruck	Dsl			IDLEX			PM10	0.003899
2035	Annual	San Bernar	NonTruck	Dsl			PMTW			PM10	0.008529
2035	Annual	San Bernar	NonTruck	Dsl			PMBW			PM10	0.081236
2035	Annual	San Bernar	NonTruck	Elec			PMTW			PM10	0.008
2035	Annual	San Bernar	NonTruck	Elec			PMBW			PM10	0.03675
2035	Annual	San Bernar	NonTruck	Gas			PMTW			PM10	0.00799
2035	Annual	San Bernar	NonTruck	Gas			PMBW			PM10	0.037005
2035	Annual	San Bernar	NonTruck	NG			PMTW			PM10	0.012
2035	Annual	San Bernar	NonTruck	NG			PMBW			PM10	0.84182
2035	Annual	San Bernar	Truck1	Dsl			IDLEX			PM10	0.491023
2035	Annual	San Bernar	Truck1	Dsl			PMTW			PM10	0.012
2035	Annual	San Bernar	Truck1	Dsl			PMBW			PM10	0.080595
2035	Annual	San Bernar	Truck1	Gas			PMTW			PM10	0.008
2035	Annual	San Bernar	Truck1	Gas			PMBW			PM10	0.079704
2035	Annual	San Bernar	Truck2	Dsl			IDLEX			PM10	0.002744
2035	Annual	San Bernar	Truck2	Dsl			PMTW			PM10	0.02821
2035	Annual	San Bernar	Truck2	Dsl			PMBW			PM10	0.084008
2035	Annual	San Bernar	Truck2	Gas			PMTW			PM10	0.012952
2035	Annual	San Bernar	Truck2	Gas			PMBW			PM10	0.12218
2035	Annual	San Bernar	Truck2	NG			IDLEX			PM10	0.009519

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calendar_y	season	mcsub_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2035	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2035	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2036	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.007241
2036	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.002046
2036	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.006522
2036	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000719
2036	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.004995
2036	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.001206
2036	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.024494
2036	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.00788
2036	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007491
2036	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000823
2036	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009391
2036	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.00437
2036	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007676
2036	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000843
2036	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005513
2036	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002616
2036	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.002892
2036	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008525
2036	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.080647
2036	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2036	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2036	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2036	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037005
2036	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2036	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2036	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.477154
2036	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2036	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080613
2036	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2036	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.079749
2036	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.002557
2036	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028239
2036	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.083923
2036	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.01295
2036	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122197
2036	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.008709
2036	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2036	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2037	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.005805
2037	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.001812
2037	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.006196
2037	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000683
2037	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.004665
2037	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.001148
2037	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.022842
2037	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.007508

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calendar_y	season	mcsub_area	vehicle_cla	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_r
2037	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007508
2037	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000825
2037	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009352
2037	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004359
2037	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007701
2037	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000846
2037	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005455
2037	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002585
2037	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.002194
2037	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008519
2037	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.079814
2037	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2037	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2037	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2037	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037005
2037	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2037	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2037	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.464081
2037	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2037	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.08063
2037	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2037	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.079788
2037	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.002413
2037	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028269
2037	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.083839
2037	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.012948
2037	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122209
2037	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.008012
2037	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2037	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2038	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.005097
2038	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.001671
2038	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.005907
2038	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000651
2038	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.004449
2038	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.001114
2038	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.021378
2038	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.007175
2038	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007521
2038	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000826
2038	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009329
2038	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004353
2038	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007721
2038	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000848
2038	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005403
2038	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002559
2038	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.001814
2038	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008516

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calendar_y	season	m	sub_area	vehicle_cl	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2038	Annual		San Bernar	NonTruck	Dsl			PMBW		PM10	0.079241
2038	Annual		San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2038	Annual		San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2038	Annual		San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2038	Annual		San Bernar	NonTruck	Gas			PMBW		PM10	0.037005
2038	Annual		San Bernar	NonTruck	NG			PMTW		PM10	0.012
2038	Annual		San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2038	Annual		San Bernar	Truck1	Dsl			IDLEX		PM10	0.451906
2038	Annual		San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2038	Annual		San Bernar	Truck1	Dsl			PMBW		PM10	0.080645
2038	Annual		San Bernar	Truck1	Gas			PMTW		PM10	0.008
2038	Annual		San Bernar	Truck1	Gas			PMBW		PM10	0.079826
2038	Annual		San Bernar	Truck2	Dsl			IDLEX		PM10	0.002289
2038	Annual		San Bernar	Truck2	Dsl			PMTW		PM10	0.028298
2038	Annual		San Bernar	Truck2	Dsl			PMBW		PM10	0.083755
2038	Annual		San Bernar	Truck2	Gas			PMTW		PM10	0.012947
2038	Annual		San Bernar	Truck2	Gas			PMBW		PM10	0.122217
2038	Annual		San Bernar	Truck2	NG			IDLEX		PM10	0.007404
2038	Annual		San Bernar	Truck2	NG			PMTW		PM10	0.036
2038	Annual		San Bernar	Truck2	NG			PMBW		PM10	0.06174
2039	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.004837
2039	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.001588
2039	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.005649
2039	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000622
2039	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.004269
2039	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.00108
2039	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.020095
2039	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.006882
2039	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007531
2039	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000827
2039	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009317
2039	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004351
2039	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007735
2039	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.00085
2039	Annual		San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005355
2039	Annual		San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002536
2039	Annual		San Bernar	NonTruck	Dsl			IDLEX		PM10	0.001596
2039	Annual		San Bernar	NonTruck	Dsl			PMTW		PM10	0.008513
2039	Annual		San Bernar	NonTruck	Dsl			PMBW		PM10	0.078813
2039	Annual		San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2039	Annual		San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2039	Annual		San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2039	Annual		San Bernar	NonTruck	Gas			PMBW		PM10	0.037005
2039	Annual		San Bernar	NonTruck	NG			PMTW		PM10	0.012
2039	Annual		San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2039	Annual		San Bernar	Truck1	Dsl			IDLEX		PM10	0.441104
2039	Annual		San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2039	Annual		San Bernar	Truck1	Dsl			PMBW		PM10	0.080658

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calendar_y	season	mcsub_area	vehicle_cla	fuel	temperatu	relative_hu	process	speed_tlm	pollutant	emission_r
2039	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2039	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.079858
2039	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.002185
2039	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028327
2039	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.083672
2039	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.012947
2039	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122222
2039	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.006864
2039	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2039	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2040	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.004308
2040	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.001489
2040	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.005422
2040	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000597
2040	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.003715
2040	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.001014
2040	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.019009
2040	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.006631
2040	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.00754
2040	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000828
2040	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009309
2040	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004351
2040	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007748
2040	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000851
2040	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005309
2040	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002515
2040	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.001438
2040	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.00851
2040	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.078329
2040	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2040	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2040	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2040	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037006
2040	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2040	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2040	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.431409
2040	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2040	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080669
2040	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2040	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.079887
2040	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.002086
2040	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028356
2040	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.083589
2040	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.012946
2040	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122225
2040	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.006382
2040	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2040	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174

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calendar_y	season	mc	sub_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2041	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.003455
2041	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.001371
2041	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.005245
2041	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000578
2041	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.003335
2041	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.000969
2041	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.018088
2041	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.006416
2041	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007574
2041	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000832
2041	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009299
2041	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004351
2041	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007757
2041	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000852
2041	Annual		San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005264
2041	Annual		San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002496
2041	Annual		San Bernar	NonTruck	Dsl			IDLEX		PM10	0.001389
2041	Annual		San Bernar	NonTruck	Dsl			PMTW		PM10	0.008507
2041	Annual		San Bernar	NonTruck	Dsl			PMBW		PM10	0.077798
2041	Annual		San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2041	Annual		San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2041	Annual		San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2041	Annual		San Bernar	NonTruck	Gas			PMBW		PM10	0.037007
2041	Annual		San Bernar	NonTruck	NG			PMTW		PM10	0.012
2041	Annual		San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2041	Annual		San Bernar	Truck1	Dsl			IDLEX		PM10	0.422854
2041	Annual		San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2041	Annual		San Bernar	Truck1	Dsl			PMBW		PM10	0.080678
2041	Annual		San Bernar	Truck1	Gas			PMTW		PM10	0.008
2041	Annual		San Bernar	Truck1	Gas			PMBW		PM10	0.079913
2041	Annual		San Bernar	Truck2	Dsl			IDLEX		PM10	0.001998
2041	Annual		San Bernar	Truck2	Dsl			PMTW		PM10	0.02837
2041	Annual		San Bernar	Truck2	Dsl			PMBW		PM10	0.083549
2041	Annual		San Bernar	Truck2	Gas			PMTW		PM10	0.012946
2041	Annual		San Bernar	Truck2	Gas			PMBW		PM10	0.122228
2041	Annual		San Bernar	Truck2	NG			IDLEX		PM10	0.005926
2041	Annual		San Bernar	Truck2	NG			PMTW		PM10	0.036
2041	Annual		San Bernar	Truck2	NG			PMBW		PM10	0.06174
2042	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.003248
2042	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.001327
2042	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.005094
2042	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000561
2042	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.003153
2042	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.00094
2042	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.01732
2042	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.006236
2042	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007598
2042	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000835



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calendar_y	season	mcsub_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2042	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009297
2042	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004353
2042	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007766
2042	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000853
2042	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005219
2042	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002477
2042	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.001389
2042	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008504
2042	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.077418
2042	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2042	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2042	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2042	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037007
2042	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2042	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2042	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.415333
2042	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2042	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080685
2042	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2042	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.079936
2042	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.001933
2042	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028394
2042	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.083481
2042	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.012946
2042	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122231
2042	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.005503
2042	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2042	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2043	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.003168
2043	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.001299
2043	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.004968
2043	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000547
2043	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.003064
2043	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.000923
2043	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.016708
2043	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.00609
2043	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007623
2043	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000838
2043	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009297
2043	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004356
2043	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007773
2043	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000854
2043	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005172
2043	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002458
2043	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.00139
2043	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008502
2043	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.077075
2043	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008

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calendar_y	season	mcsub_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2043	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2043	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2043	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037008
2043	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2043	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2043	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.408881
2043	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2043	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080691
2043	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2043	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.079958
2043	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.001879
2043	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028418
2043	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.083413
2043	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.012946
2043	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122232
2043	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.005081
2043	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2043	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2044	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.003092
2044	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.001276
2044	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.004864
2044	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000535
2044	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.002975
2044	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.000908
2044	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.016102
2044	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.005951
2044	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007634
2044	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000839
2044	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009295
2044	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.00436
2044	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007779
2044	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000855
2044	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005127
2044	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002439
2044	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.001391
2044	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008501
2044	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.076744
2044	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2044	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2044	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2044	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037009
2044	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2044	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2044	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.402826
2044	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2044	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080697
2044	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2044	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.07998

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calendar_y	season	mcsub_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2044	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.001818
2044	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028441
2044	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.083347
2044	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.012945
2044	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122232
2044	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.004671
2044	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2044	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2045	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.00295
2045	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.001248
2045	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.004778
2045	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000526
2045	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.002355
2045	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.000841
2045	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.015568
2045	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.00583
2045	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007647
2045	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.00084
2045	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009292
2045	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004363
2045	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007783
2045	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000855
2045	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005077
2045	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002418
2045	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.001391
2045	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008499
2045	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.076374
2045	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2045	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2045	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2045	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037009
2045	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2045	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2045	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.397442
2045	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2045	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080702
2045	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2045	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.080002
2045	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.001757
2045	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028464
2045	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.083282
2045	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.012945
2045	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122233
2045	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.004231
2045	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2045	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2046	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.002852
2046	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.001228

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calendar_y	season	msub_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_r
2046	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.004708
2046	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000518
2046	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.001803
2046	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.000787
2046	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.01505
2046	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.005715
2046	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007653
2046	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000841
2046	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.00929
2046	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004366
2046	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007787
2046	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000856
2046	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.005015
2046	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002393
2046	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.001391
2046	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008497
2046	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.076038
2046	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2046	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2046	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2046	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037009
2046	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2046	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2046	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.392371
2046	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2046	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080708
2046	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2046	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.08002
2046	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.001702
2046	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028483
2046	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.083227
2046	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.012945
2046	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122233
2046	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.003719
2046	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2046	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2047	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.002803
2047	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.001214
2047	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.004652
2047	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000512
2047	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.001759
2047	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.000771
2047	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.014592
2047	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.005615
2047	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007664
2047	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000842
2047	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009286
2047	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004367

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calendar_y	season	sub_area	vehicle_class	fuel	temperature	relative_humidity	process	speed	time	pollutant	emission_rate
2047	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5		PM10	0.00779
2047	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45		PM10	0.000856
2047	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5		PM10	0.004955
2047	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45		PM10	0.002366
2047	Annual	San Bernar	NonTruck	Dsl			IDLEX			PM10	0.001391
2047	Annual	San Bernar	NonTruck	Dsl			PMTW			PM10	0.008495
2047	Annual	San Bernar	NonTruck	Dsl			PMBW			PM10	0.075733
2047	Annual	San Bernar	NonTruck	Elec			PMTW			PM10	0.008
2047	Annual	San Bernar	NonTruck	Elec			PMBW			PM10	0.03675
2047	Annual	San Bernar	NonTruck	Gas			PMTW			PM10	0.00799
2047	Annual	San Bernar	NonTruck	Gas			PMBW			PM10	0.03701
2047	Annual	San Bernar	NonTruck	NG			PMTW			PM10	0.012
2047	Annual	San Bernar	NonTruck	NG			PMBW			PM10	0.84182
2047	Annual	San Bernar	Truck1	Dsl			IDLEX			PM10	0.387798
2047	Annual	San Bernar	Truck1	Dsl			PMTW			PM10	0.012
2047	Annual	San Bernar	Truck1	Dsl			PMBW			PM10	0.080713
2047	Annual	San Bernar	Truck1	Gas			PMTW			PM10	0.008
2047	Annual	San Bernar	Truck1	Gas			PMBW			PM10	0.080037
2047	Annual	San Bernar	Truck2	Dsl			IDLEX			PM10	0.001648
2047	Annual	San Bernar	Truck2	Dsl			PMTW			PM10	0.028501
2047	Annual	San Bernar	Truck2	Dsl			PMBW			PM10	0.083173
2047	Annual	San Bernar	Truck2	Gas			PMTW			PM10	0.012945
2047	Annual	San Bernar	Truck2	Gas			PMBW			PM10	0.122233
2047	Annual	San Bernar	Truck2	NG			IDLEX			PM10	0.003193
2047	Annual	San Bernar	Truck2	NG			PMTW			PM10	0.036
2047	Annual	San Bernar	Truck2	NG			PMBW			PM10	0.06174
2048	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5		PM10	0.002771
2048	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45		PM10	0.001195
2048	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5		PM10	0.004607
2048	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45		PM10	0.000507
2048	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5		PM10	0.001653
2048	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45		PM10	0.000695
2048	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5		PM10	0.014142
2048	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45		PM10	0.005519
2048	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5		PM10	0.007672
2048	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45		PM10	0.000843
2048	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5		PM10	0.009292
2048	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45		PM10	0.004369
2048	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5		PM10	0.007793
2048	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45		PM10	0.000856
2048	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5		PM10	0.004923
2048	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45		PM10	0.002336
2048	Annual	San Bernar	NonTruck	Dsl			IDLEX			PM10	0.001391
2048	Annual	San Bernar	NonTruck	Dsl			PMTW			PM10	0.008493
2048	Annual	San Bernar	NonTruck	Dsl			PMBW			PM10	0.075391
2048	Annual	San Bernar	NonTruck	Elec			PMTW			PM10	0.008
2048	Annual	San Bernar	NonTruck	Elec			PMBW			PM10	0.03675
2048	Annual	San Bernar	NonTruck	Gas			PMTW			PM10	0.00799

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calendar_y	season	mcsub_area	vehicle_cia	fuel	temperatu	relative_hu	process	speed_tlm	pollutant	emission_r
2048	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.03701
2048	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2048	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2048	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.383456
2048	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2048	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080719
2048	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2048	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.080052
2048	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.001611
2048	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.02852
2048	Annual	San Bernar	Truck2	Dsl			PMBW		PM10	0.083121
2048	Annual	San Bernar	Truck2	Gas			PMTW		PM10	0.012945
2048	Annual	San Bernar	Truck2	Gas			PMBW		PM10	0.122233
2048	Annual	San Bernar	Truck2	NG			IDLEX		PM10	0.002734
2048	Annual	San Bernar	Truck2	NG			PMTW		PM10	0.036
2048	Annual	San Bernar	Truck2	NG			PMBW		PM10	0.06174
2049	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.002749
2049	Annual	San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.00118
2049	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.00458
2049	Annual	San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000504
2049	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.001647
2049	Annual	San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.000691
2049	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.01374
2049	Annual	San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.005434
2049	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007709
2049	Annual	San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.000847
2049	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009298
2049	Annual	San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004371
2049	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007795
2049	Annual	San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000856
2049	Annual	San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.004894
2049	Annual	San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002309
2049	Annual	San Bernar	NonTruck	Dsl			IDLEX		PM10	0.001391
2049	Annual	San Bernar	NonTruck	Dsl			PMTW		PM10	0.008492
2049	Annual	San Bernar	NonTruck	Dsl			PMBW		PM10	0.075104
2049	Annual	San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2049	Annual	San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2049	Annual	San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2049	Annual	San Bernar	NonTruck	Gas			PMBW		PM10	0.037011
2049	Annual	San Bernar	NonTruck	NG			PMTW		PM10	0.012
2049	Annual	San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2049	Annual	San Bernar	Truck1	Dsl			IDLEX		PM10	0.37946
2049	Annual	San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2049	Annual	San Bernar	Truck1	Dsl			PMBW		PM10	0.080724
2049	Annual	San Bernar	Truck1	Gas			PMTW		PM10	0.008
2049	Annual	San Bernar	Truck1	Gas			PMBW		PM10	0.080065
2049	Annual	San Bernar	Truck2	Dsl			IDLEX		PM10	0.001579
2049	Annual	San Bernar	Truck2	Dsl			PMTW		PM10	0.028538

EMFAC2014

calendar_y	season	mc	sub_area	vehicle_cla	fuel	temperatu	relative_h	process	speed_tlm	pollutant	emission_r
2049	Annual		San Bernar	Truck2	Dsl			PMBW		PM10	0.083069
2049	Annual		San Bernar	Truck2	Gas			PMTW		PM10	0.012945
2049	Annual		San Bernar	Truck2	Gas			PMBW		PM10	0.122233
2049	Annual		San Bernar	Truck2	NG			IDLEX		PM10	0.002294
2049	Annual		San Bernar	Truck2	NG			PMTW		PM10	0.036
2049	Annual		San Bernar	Truck2	NG			PMBW		PM10	0.06174
2050	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	5	PM10	0.002728
2050	Annual		San Bernar	NonTruck	Dsl	68	50	RUNEX	45	PM10	0.001166
2050	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	5	PM10	0.00456
2050	Annual		San Bernar	NonTruck	Gas	68	50	RUNEX	45	PM10	0.000502
2050	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	5	PM10	0.00159
2050	Annual		San Bernar	NonTruck	NG	68	50	RUNEX	45	PM10	0.00065
2050	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	5	PM10	0.013373
2050	Annual		San Bernar	Truck1	Dsl	68	50	RUNEX	45	PM10	0.005357
2050	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	5	PM10	0.007733
2050	Annual		San Bernar	Truck1	Gas	68	50	RUNEX	45	PM10	0.00085
2050	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	5	PM10	0.009305
2050	Annual		San Bernar	Truck2	Dsl	68	50	RUNEX	45	PM10	0.004373
2050	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	5	PM10	0.007796
2050	Annual		San Bernar	Truck2	Gas	68	50	RUNEX	45	PM10	0.000857
2050	Annual		San Bernar	Truck2	NG	68	50	RUNEX	5	PM10	0.00488
2050	Annual		San Bernar	Truck2	NG	68	50	RUNEX	45	PM10	0.002295
2050	Annual		San Bernar	NonTruck	Dsl			IDLEX		PM10	0.001391
2050	Annual		San Bernar	NonTruck	Dsl			PMTW		PM10	0.00849
2050	Annual		San Bernar	NonTruck	Dsl			PMBW		PM10	0.074813
2050	Annual		San Bernar	NonTruck	Elec			PMTW		PM10	0.008
2050	Annual		San Bernar	NonTruck	Elec			PMBW		PM10	0.03675
2050	Annual		San Bernar	NonTruck	Gas			PMTW		PM10	0.00799
2050	Annual		San Bernar	NonTruck	Gas			PMBW		PM10	0.037011
2050	Annual		San Bernar	NonTruck	NG			PMTW		PM10	0.012
2050	Annual		San Bernar	NonTruck	NG			PMBW		PM10	0.84182
2050	Annual		San Bernar	Truck1	Dsl			IDLEX		PM10	0.375781
2050	Annual		San Bernar	Truck1	Dsl			PMTW		PM10	0.012
2050	Annual		San Bernar	Truck1	Dsl			PMBW		PM10	0.080728
2050	Annual		San Bernar	Truck1	Gas			PMTW		PM10	0.008
2050	Annual		San Bernar	Truck1	Gas			PMBW		PM10	0.080072
2050	Annual		San Bernar	Truck2	Dsl			IDLEX		PM10	0.001543
2050	Annual		San Bernar	Truck2	Dsl			PMTW		PM10	0.028555
2050	Annual		San Bernar	Truck2	Dsl			PMBW		PM10	0.08302
2050	Annual		San Bernar	Truck2	Gas			PMTW		PM10	0.012945
2050	Annual		San Bernar	Truck2	Gas			PMBW		PM10	0.122233
2050	Annual		San Bernar	Truck2	NG			IDLEX		PM10	0.001996
2050	Annual		San Bernar	Truck2	NG			PMTW		PM10	0.036
2050	Annual		San Bernar	Truck2	NG			PMBW		PM10	0.06174

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**APPENDIX B**

**AERMOD Model Years 2017-2019 PM10 Cancer Risk Printouts**



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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.3.0
** Lakes Environmental Software Inc.
** Date: 3/15/2017
** File: C:\Vista Env\2017\17014 Bloomington\AERMOD\Cancer17-19\Cancer17-
19.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE SB Co Bloomington Chevron Station
  TITLETWO PM10 Cancer Risk 2017-2019
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2015355 San_Bernardino_County
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL Cancer17-19.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 = CEDARN
** DESCRSRC Cedar Ave North of Slover
** PREFIX
** Length of Side = 14.63
** Configuration = Adjacent
** Emission Rate = 0.0000148
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 5
** 463416.576, 3769232.511, 325.50, 0.00, 6.80
** 463419.600, 3769481.574, 329.00, 0.00, 6.80
** 463440.514, 3769568.510, 334.18, 0.00, 6.80
** 463443.614, 3769591.758, 335.00, 0.00, 6.80
** 463448.263, 3769646.003, 335.00, 0.00, 6.80
** -----

```

LOCATION	VOLUME			
L0000001	463416.664	3769239.825	325.78	
L0000002	463416.842	3769254.455	326.00	
L0000003	463417.020	3769269.084	326.00	
L0000004	463417.197	3769283.713	326.23	
L0000005	463417.375	3769298.343	326.68	
L0000006	463417.553	3769312.972	326.95	
L0000007	463417.730	3769327.601	326.98	
L0000008	463417.908	3769342.231	327.00	
L0000009	463418.085	3769356.860	327.00	
L0000010	463418.263	3769371.489	327.17	
L0000011	463418.441	3769386.119	327.66	
L0000012	463418.618	3769400.748	328.00	
L0000013	463418.796	3769415.377	328.00	
L0000014	463418.974	3769430.007	328.12	
L0000015	463419.151	3769444.636	328.61	
L0000016	463419.329	3769459.265	329.00	
L0000017	463419.507	3769473.895	329.00	
L0000018	463421.225	3769488.332	329.07	
L0000019	463424.647	3769502.556	329.54	
L0000020	463428.069	3769516.781	330.03	
L0000021	463431.491	3769531.005	330.98	
L0000022	463434.913	3769545.230	331.93	
L0000023	463438.335	3769559.455	333.15	
L0000024	463441.217	3769573.780	334.49	
L0000025	463443.150	3769588.282	334.87	
L0000026	463444.564	3769602.841	334.98	
L0000027	463445.813	3769617.418	335.00	
L0000028	463447.063	3769631.995	335.00	

\*\* End of LINE VOLUME Source ID = CEDARN

\*\*

-----  
 \*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = CEDARS

\*\* DESCRSRC Cedar Ave South of Slover Ave

\*\* PREFIX

\*\* Length of Side = 17.07

\*\* Configuration = Adjacent

\*\* Emission Rate = 8.67E-06

\*\* Vertical Dimension = 6.00

\*\* SZINIT = 2.79

\*\* Nodes = 2

\*\* 463416.614, 3769232.723, 325.52, 0.00, 7.94

\*\* 463416.838, 3768746.493, 318.89, 0.00, 7.94

\*\*

LOCATION	VOLUME			
L0000029	463416.617	3769224.189	325.26	
L0000030	463416.625	3769207.120	325.00	
L0000031	463416.633	3769190.051	325.00	
L0000032	463416.641	3769172.982	325.00	
L0000033	463416.649	3769155.913	324.99	
L0000034	463416.657	3769138.845	324.42	
L0000035	463416.665	3769121.776	324.00	
L0000036	463416.673	3769104.707	324.00	
L0000037	463416.680	3769087.638	324.00	
L0000038	463416.688	3769070.569	324.00	
L0000039	463416.696	3769053.501	324.00	

LOCATION L0000040	VOLUME	463416.704	3769036.432	324.00
LOCATION L0000041	VOLUME	463416.712	3769019.363	324.00
LOCATION L0000042	VOLUME	463416.720	3769002.294	323.86
LOCATION L0000043	VOLUME	463416.728	3768985.225	323.30
LOCATION L0000044	VOLUME	463416.735	3768968.157	323.00
LOCATION L0000045	VOLUME	463416.743	3768951.088	323.00
LOCATION L0000046	VOLUME	463416.751	3768934.019	322.96
LOCATION L0000047	VOLUME	463416.759	3768916.950	322.91
LOCATION L0000048	VOLUME	463416.767	3768899.881	322.41
LOCATION L0000049	VOLUME	463416.775	3768882.813	321.88
LOCATION L0000050	VOLUME	463416.783	3768865.744	321.31
LOCATION L0000051	VOLUME	463416.791	3768848.675	321.00
LOCATION L0000052	VOLUME	463416.798	3768831.606	321.00
LOCATION L0000053	VOLUME	463416.806	3768814.537	320.61
LOCATION L0000054	VOLUME	463416.814	3768797.469	320.04
LOCATION L0000055	VOLUME	463416.822	3768780.400	319.47
LOCATION L0000056	VOLUME	463416.830	3768763.331	319.00

\*\* End of LINE VOLUME Source ID = CEDARS

\*\*

\*\* -----  
 \*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLOVERW

\*\* DESCRSRC Slover Ave West of Cedar Ave

\*\* PREFIX

\*\* Length of Side = 14.33

\*\* Configuration = Adjacent

\*\* Emission Rate = 5.86E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 2

\*\* 463416.076, 3769233.402, 325.56, 0.00, 6.66

\*\* 462933.718, 3769232.564, 327.00, 0.00, 6.66

\*\*

LOCATION L0000248	VOLUME	463408.913	3769233.390	325.57
LOCATION L0000249	VOLUME	463394.588	3769233.365	325.57
LOCATION L0000250	VOLUME	463380.262	3769233.340	325.57
LOCATION L0000251	VOLUME	463365.936	3769233.315	325.57
LOCATION L0000252	VOLUME	463351.611	3769233.290	325.56
LOCATION L0000253	VOLUME	463337.285	3769233.265	325.56
LOCATION L0000254	VOLUME	463322.960	3769233.240	325.56
LOCATION L0000255	VOLUME	463308.634	3769233.215	325.56
LOCATION L0000256	VOLUME	463294.308	3769233.191	325.56
LOCATION L0000257	VOLUME	463279.983	3769233.166	325.56
LOCATION L0000258	VOLUME	463265.657	3769233.141	325.56
LOCATION L0000259	VOLUME	463251.332	3769233.116	325.56
LOCATION L0000260	VOLUME	463237.006	3769233.091	325.56
LOCATION L0000261	VOLUME	463222.681	3769233.066	325.56
LOCATION L0000262	VOLUME	463208.355	3769233.041	325.56
LOCATION L0000263	VOLUME	463194.029	3769233.016	325.56
LOCATION L0000264	VOLUME	463179.704	3769232.992	325.55
LOCATION L0000265	VOLUME	463165.378	3769232.967	325.55
LOCATION L0000266	VOLUME	463151.053	3769232.942	325.55
LOCATION L0000267	VOLUME	463136.727	3769232.917	325.55
LOCATION L0000268	VOLUME	463122.402	3769232.892	325.55
LOCATION L0000269	VOLUME	463108.076	3769232.867	325.72

LOCATION L0000270	VOLUME	463093.750	3769232.842	325.94
LOCATION L0000271	VOLUME	463079.425	3769232.817	326.00
LOCATION L0000272	VOLUME	463065.099	3769232.792	326.00
LOCATION L0000273	VOLUME	463050.774	3769232.768	326.00
LOCATION L0000274	VOLUME	463036.448	3769232.743	326.00
LOCATION L0000275	VOLUME	463022.122	3769232.718	326.14
LOCATION L0000276	VOLUME	463007.797	3769232.693	326.40
LOCATION L0000277	VOLUME	462993.471	3769232.668	326.54
LOCATION L0000278	VOLUME	462979.146	3769232.643	326.54
LOCATION L0000279	VOLUME	462964.820	3769232.618	326.62
LOCATION L0000280	VOLUME	462950.495	3769232.593	326.83
LOCATION L0000281	VOLUME	462936.169	3769232.569	327.00

\*\* End of LINE VOLUME Source ID = SLOVERW

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLOVERE

\*\* DESCRSRC Slover Ave East of Cedar Ave

\*\* PREFIX

\*\* Length of Side = 14.33

\*\* Configuration = Adjacent

\*\* Emission Rate = 7.46E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 463417.282, 3769232.992, 325.53, 0.00, 6.66

\*\* 463814.406, 3769226.201, 322.06, 0.00, 6.66

\*\* 463826.208, 3769233.464, 322.06, 0.00, 6.66

\*\* 463833.168, 3769233.464, 322.00, 0.00, 6.66

\*\*

LOCATION L0000219	VOLUME	463424.444	3769232.869	325.46
LOCATION L0000220	VOLUME	463438.768	3769232.624	325.20
LOCATION L0000221	VOLUME	463453.091	3769232.380	325.00
LOCATION L0000222	VOLUME	463467.415	3769232.135	325.00
LOCATION L0000223	VOLUME	463481.738	3769231.890	325.00
LOCATION L0000224	VOLUME	463496.062	3769231.645	325.00
LOCATION L0000225	VOLUME	463510.385	3769231.400	325.00
LOCATION L0000226	VOLUME	463524.709	3769231.155	325.00
LOCATION L0000227	VOLUME	463539.032	3769230.910	325.00
LOCATION L0000228	VOLUME	463553.356	3769230.665	324.76
LOCATION L0000229	VOLUME	463567.679	3769230.420	324.50
LOCATION L0000230	VOLUME	463582.003	3769230.175	324.27
LOCATION L0000231	VOLUME	463596.326	3769229.930	324.05
LOCATION L0000232	VOLUME	463610.650	3769229.685	324.00
LOCATION L0000233	VOLUME	463624.973	3769229.440	324.00
LOCATION L0000234	VOLUME	463639.297	3769229.196	324.00
LOCATION L0000235	VOLUME	463653.620	3769228.951	324.00
LOCATION L0000236	VOLUME	463667.944	3769228.706	323.84
LOCATION L0000237	VOLUME	463682.267	3769228.461	323.55
LOCATION L0000238	VOLUME	463696.591	3769228.216	323.40
LOCATION L0000239	VOLUME	463710.914	3769227.971	323.39
LOCATION L0000240	VOLUME	463725.238	3769227.726	323.31
LOCATION L0000241	VOLUME	463739.561	3769227.481	323.12
LOCATION L0000242	VOLUME	463753.885	3769227.236	323.00
LOCATION L0000243	VOLUME	463768.208	3769226.991	323.00

LOCATION L0000244	VOLUME	463782.532	3769226.746	322.90
LOCATION L0000245	VOLUME	463796.855	3769226.501	322.43
LOCATION L0000246	VOLUME	463811.179	3769226.256	322.00
LOCATION L0000247	VOLUME	463823.858	3769232.017	322.00

\*\* End of LINE VOLUME Source ID = SLOVERE

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = ONSITE

\*\* DESCRSRC Onsite Diesel Vehicle Trips

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00003

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 463324.901, 3769220.466, 325.00, 0.00, 1.70

\*\* 463325.174, 3769182.450, 324.93, 0.00, 1.70

\*\* 463325.448, 3769141.973, 324.07, 0.00, 1.70

\*\* 463399.565, 3769141.973, 324.59, 0.00, 1.70

\*\*

LOCATION L0000282	VOLUME	463324.914	3769218.637	325.08
LOCATION L0000283	VOLUME	463324.940	3769214.979	325.00
LOCATION L0000284	VOLUME	463324.967	3769211.322	325.00
LOCATION L0000285	VOLUME	463324.993	3769207.664	325.00
LOCATION L0000286	VOLUME	463325.019	3769204.007	325.00
LOCATION L0000287	VOLUME	463325.046	3769200.349	325.00
LOCATION L0000288	VOLUME	463325.072	3769196.692	325.00
LOCATION L0000289	VOLUME	463325.098	3769193.034	325.00
LOCATION L0000290	VOLUME	463325.125	3769189.377	325.00
LOCATION L0000291	VOLUME	463325.151	3769185.719	324.98
LOCATION L0000292	VOLUME	463325.177	3769182.062	324.86
LOCATION L0000293	VOLUME	463325.202	3769178.404	324.74
LOCATION L0000294	VOLUME	463325.226	3769174.747	324.61
LOCATION L0000295	VOLUME	463325.251	3769171.089	324.49
LOCATION L0000296	VOLUME	463325.276	3769167.432	324.37
LOCATION L0000297	VOLUME	463325.301	3769163.774	324.25
LOCATION L0000298	VOLUME	463325.325	3769160.117	324.13
LOCATION L0000299	VOLUME	463325.350	3769156.459	324.00
LOCATION L0000300	VOLUME	463325.375	3769152.802	324.00
LOCATION L0000301	VOLUME	463325.399	3769149.144	324.00
LOCATION L0000302	VOLUME	463325.424	3769145.487	324.00
LOCATION L0000303	VOLUME	463325.592	3769141.973	324.00
LOCATION L0000304	VOLUME	463329.249	3769141.973	324.00
LOCATION L0000305	VOLUME	463332.907	3769141.973	324.06
LOCATION L0000306	VOLUME	463336.565	3769141.973	324.12
LOCATION L0000307	VOLUME	463340.222	3769141.973	324.18
LOCATION L0000308	VOLUME	463343.880	3769141.973	324.25
LOCATION L0000309	VOLUME	463347.537	3769141.973	324.31
LOCATION L0000310	VOLUME	463351.195	3769141.973	324.37
LOCATION L0000311	VOLUME	463354.853	3769141.973	324.44
LOCATION L0000312	VOLUME	463358.510	3769141.973	324.50
LOCATION L0000313	VOLUME	463362.168	3769141.973	324.52
LOCATION L0000314	VOLUME	463365.825	3769141.973	324.52

LOCATION L0000315	VOLUME	463369.483	3769141.973	324.52
LOCATION L0000316	VOLUME	463373.141	3769141.973	324.52
LOCATION L0000317	VOLUME	463376.798	3769141.973	324.52
LOCATION L0000318	VOLUME	463380.456	3769141.973	324.52
LOCATION L0000319	VOLUME	463384.113	3769141.973	324.52
LOCATION L0000320	VOLUME	463387.771	3769141.973	324.52
LOCATION L0000321	VOLUME	463391.429	3769141.973	324.52
LOCATION L0000322	VOLUME	463395.086	3769141.973	324.52
LOCATION L0000323	VOLUME	463398.744	3769141.973	324.52
** End of LINE VOLUME Source ID = ONSITE				
LOCATION IDLE	POINT	463327.730	3769183.960	324.920
** DESCRSRC Onsite Diesel Vehicle Idling				
LOCATION LOADBREATHE	POINT	463382.490	3769156.350	325.000
** DESCRSRC Combined Gasoline Tanks Loading and Tank Breathing				
LOCATION REFUELSPELL	VOLUME	463382.680	3769179.440	325.000
** DESCRSRC Combined Gasoline Refueling and Spillage				
** Source Parameters **				
** LINE VOLUME Source ID = CEDARN				
SRCPARAM L0000001	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000002	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000003	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000004	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000005	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000006	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000007	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000008	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000009	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000010	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000011	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000012	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000013	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000014	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000015	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000016	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000017	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000018	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000019	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000020	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000021	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000022	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000023	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000024	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000025	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000026	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000027	0.0000005286	0.00	6.80	0.85
SRCPARAM L0000028	0.0000005286	0.00	6.80	0.85
** -----				
** LINE VOLUME Source ID = CEDARS				
SRCPARAM L0000029	0.0000003096	0.00	7.94	2.79
SRCPARAM L0000030	0.0000003096	0.00	7.94	2.79
SRCPARAM L0000031	0.0000003096	0.00	7.94	2.79
SRCPARAM L0000032	0.0000003096	0.00	7.94	2.79
SRCPARAM L0000033	0.0000003096	0.00	7.94	2.79
SRCPARAM L0000034	0.0000003096	0.00	7.94	2.79

SRCPARAM	L0000035	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000036	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000037	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000038	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000039	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000040	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000041	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000042	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000043	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000044	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000045	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000046	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000047	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000048	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000049	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000050	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000051	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000052	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000053	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000054	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000055	0.0000003096	0.00	7.94	2.79
SRCPARAM	L0000056	0.0000003096	0.00	7.94	2.79

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 \*\* LINE VOLUME Source ID = SLOVERW

SRCPARAM	L0000248	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000249	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000250	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000251	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000252	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000253	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000254	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000255	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000256	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000257	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000258	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000259	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000260	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000261	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000262	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000263	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000264	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000265	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000266	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000267	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000268	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000269	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000270	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000271	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000272	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000273	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000274	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000275	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000276	0.0000001724	0.00	6.66	0.85
SRCPARAM	L0000277	0.0000001724	0.00	6.66	0.85

SRCPARAM L0000278	0.0000001724	0.00	6.66	0.85
SRCPARAM L0000279	0.0000001724	0.00	6.66	0.85
SRCPARAM L0000280	0.0000001724	0.00	6.66	0.85
SRCPARAM L0000281	0.0000001724	0.00	6.66	0.85

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\*\* LINE VOLUME Source ID = SLOVERE

SRCPARAM L0000219	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000220	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000221	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000222	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000223	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000224	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000225	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000226	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000227	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000228	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000229	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000230	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000231	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000232	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000233	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000234	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000235	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000236	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000237	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000238	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000239	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000240	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000241	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000242	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000243	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000244	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000245	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000246	0.0000002572	0.00	6.66	0.85
SRCPARAM L0000247	0.0000002572	0.00	6.66	0.85

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\*\* LINE VOLUME Source ID = ONSITE

SRCPARAM L0000282	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000283	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000284	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000285	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000286	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000287	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000288	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000289	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000290	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000291	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000292	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000293	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000294	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000295	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000296	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000297	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000298	0.0000007143	0.00	1.70	0.85



SRCPARAM L0000299	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000300	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000301	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000302	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000303	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000304	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000305	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000306	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000307	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000308	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000309	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000310	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000311	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000312	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000313	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000314	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000315	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000316	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000317	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000318	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000319	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000320	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000321	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000322	0.0000007143	0.00	1.70	0.85
SRCPARAM L0000323	0.0000007143	0.00	1.70	0.85

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SRCPARAM IDLE	0.00001437	3.840	366.000	51.71000
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0.100

SRCPARAM LOADBREATHE	3.51E-09	3.658	294.000	0.00100
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0.050

SRCPARAM REFUELSPILL	1.36E-08	3.658	13.000	5.000
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URBANSRC ALL

SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED Cancer17-19.rou

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE ..\font8.sfc

PROFFILE ..\font8.PFL

SURFDATA 0 2008 Fontana 454620.00 3773190.00

UAIRDATA 3190 2008

```
SITEDATA 99999 2008
PROFBASE 367.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL Cancer17-19.AD\AN00GALL.PLT 31
  SUMMFILE Cancer17-19.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINK  0
**
```

\* AERMOD (162161r): SB Co Bloomington Chevron Station  
 \* AERMET ( 14134 ):

03/15/17  
 19:15:31

\* MODELING OPTIONS USED: RegDEFAULT CONC ELEV URBAN  
 \* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL  
 \* FOR A TOTAL OF 327 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	Z ELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
463307	00000	3769197.00000	0.01792	325.00	0.00	ANNUAL	ALL	00000005	
463307	00000	3769166.00000	0.01992	324.32	0.00	ANNUAL	ALL	00000005	
463304	00000	3769138.00000	0.01353	324.00	0.00	ANNUAL	ALL	00000005	
463303	00000	3769115.00000	0.00802	323.66	0.00	ANNUAL	ALL	00000005	
463500	00000	3769135.00000	0.00264	324.00	0.00	ANNUAL	ALL	00000005	
463500	00000	3769209.00000	0.00464	325.00	0.00	ANNUAL	ALL	00000005	
463463	00000	3769356.00000	0.00330	326.85	0.00	ANNUAL	ALL	00000005	
463308	00000	3769258.00000	0.00501	326.00	0.00	ANNUAL	ALL	00000005	
463273	00000	3769249.00000	0.00473	326.00	0.00	ANNUAL	ALL	00000005	
463294	38000	3769275.18000	0.00340	326.00	0.00	ANNUAL	ALL	00000005	
463346	85000	3769282.46000	0.00390	326.20	0.00	ANNUAL	ALL	00000005	
463416	52000	3769282.46000	0.00633	326.18	0.00	ANNUAL	ALL	00000005	
463288	50000	3769322.75000	0.00203	327.00	0.00	ANNUAL	ALL	00000005	
463231	65000	3769279.88000	0.00223	326.12	0.00	ANNUAL	ALL	00000005	
463346	85000	3769332.46000	0.00255	327.00	0.00	ANNUAL	ALL	00000005	
463416	52000	3769332.46000	0.00469	326.99	0.00	ANNUAL	ALL	00000005	
463285	56000	3769371.54000	0.00148	328.00	0.00	ANNUAL	ALL	00000005	
463232	65000	3769349.70000	0.00133	327.45	0.00	ANNUAL	ALL	00000005	
463195	15000	3769312.38000	0.00143	327.10	0.00	ANNUAL	ALL	00000005	
463173	06000	3769259.59000	0.00221	326.00	0.00	ANNUAL	ALL	00000005	
463346	85000	3769382.46000	0.00201	328.00	0.00	ANNUAL	ALL	00000005	
463416	52000	3769382.46000	0.00418	327.54	0.00	ANNUAL	ALL	00000005	
463283	79000	3769420.81000	0.00118	328.43	0.00	ANNUAL	ALL	00000005	
463227	36000	3769397.52000	0.00103	328.43	0.00	ANNUAL	ALL	00000005	
463159	15000	3769346.06000	0.00101	327.54	0.00	ANNUAL	ALL	00000005	
463135	58000	3769289.75000	0.00133	326.71	0.00	ANNUAL	ALL	00000005	
463346	85000	3769432.46000	0.00169	328.20	0.00	ANNUAL	ALL	00000005	
463416	52000	3769432.46000	0.00397	328.20	0.00	ANNUAL	ALL	00000005	
463282	62000	3769470.33000	0.00096	329.47	0.00	ANNUAL	ALL	00000005	
463223	84000	3769446.06000	0.00083	329.00	0.00	ANNUAL	ALL	00000005	
463165	05000	3769421.80000	0.00074	329.00	0.00	ANNUAL	ALL	00000005	

463123.39000	3769380.33000	0.00076	328.06	328.06	0.00	ANNUAL	ALL	00000005
463098.84000	3769321.67000	0.00092	327.35	327.35	0.00	ANNUAL	ALL	00000005
463074.29000	3769263.00000	0.00154	326.56	326.56	0.00	ANNUAL	ALL	00000005
463346.85000	3769482.46000	0.00143	329.00	329.00	0.00	ANNUAL	ALL	00000005
463416.52000	3769482.46000	0.00347	329.00	329.00	0.00	ANNUAL	ALL	00000005
463281.78000	3769519.98000	0.00080	330.12	330.12	0.00	ANNUAL	ALL	00000005
463221.32000	3769495.02000	0.00068	330.18	330.18	0.00	ANNUAL	ALL	00000005
463160.85000	3769470.06000	0.00061	329.66	329.66	0.00	ANNUAL	ALL	00000005
463087.77000	3769414.94000	0.00059	328.00	328.00	0.00	ANNUAL	ALL	00000005
463062.52000	3769354.60000	0.00068	328.00	328.00	0.00	ANNUAL	ALL	00000005
463037.26000	3769294.25000	0.00091	327.00	327.00	0.00	ANNUAL	ALL	00000005
463346.85000	3769532.46000	0.00116	330.54	330.54	0.00	ANNUAL	ALL	00000005
463416.52000	3769532.46000	0.00363	331.02	331.02	0.00	ANNUAL	ALL	00000005
463281.15000	3769569.72000	0.00064	331.78	331.78	0.00	ANNUAL	ALL	00000005
463219.43000	3769544.24000	0.00056	330.98	330.98	0.00	ANNUAL	ALL	00000005
463157.71000	3769518.76000	0.00051	330.08	330.08	0.00	ANNUAL	ALL	00000005
463095.98000	3769493.29000	0.00047	329.05	329.05	0.00	ANNUAL	ALL	00000005
463052.23000	3769449.75000	0.00047	328.83	328.83	0.00	ANNUAL	ALL	00000005
463026.46000	3769388.15000	0.00053	328.08	328.08	0.00	ANNUAL	ALL	00000005
463000.68000	3769326.55000	0.00062	327.67	327.67	0.00	ANNUAL	ALL	00000005
462974.90000	3769264.96000	0.00108	327.00	327.00	0.00	ANNUAL	ALL	00000005
463346.85000	3769582.46000	0.00090	332.20	332.20	0.00	ANNUAL	ALL	00000005
463416.52000	3769582.46000	0.00287	334.10	334.10	0.00	ANNUAL	ALL	00000005
463280.66000	3769619.52000	0.00051	332.64	332.64	0.00	ANNUAL	ALL	00000005
463217.96000	3769593.64000	0.00046	331.88	331.88	0.00	ANNUAL	ALL	00000005
463155.26000	3769567.75000	0.00043	331.00	331.00	0.00	ANNUAL	ALL	00000005
463092.56000	3769541.87000	0.00040	329.87	329.87	0.00	ANNUAL	ALL	00000005
463016.76000	3769484.70000	0.00039	329.00	329.00	0.00	ANNUAL	ALL	00000005
462990.57000	3769422.12000	0.00042	329.00	329.00	0.00	ANNUAL	ALL	00000005
462964.39000	3769359.55000	0.00047	328.14	328.14	0.00	ANNUAL	ALL	00000005
462938.20000	3769296.97000	0.00056	328.00	328.00	0.00	ANNUAL	ALL	00000005
463346.85000	3769632.46000	0.00068	333.00	333.00	0.00	ANNUAL	ALL	00000005
463416.52000	3769632.46000	0.00166	334.90	334.90	0.00	ANNUAL	ALL	00000005
463280.27000	3769669.36000	0.00040	334.00	334.00	0.00	ANNUAL	ALL	00000005
463216.78000	3769643.15000	0.00037	333.23	333.23	0.00	ANNUAL	ALL	00000005
463153.30000	3769616.94000	0.00035	332.35	332.35	0.00	ANNUAL	ALL	00000005
463089.81000	3769590.74000	0.00033	331.48	331.48	0.00	ANNUAL	ALL	00000005
463026.33000	3769564.53000	0.00032	330.61	330.61	0.00	ANNUAL	ALL	00000005
462981.33000	3769519.75000	0.00032	330.00	330.00	0.00	ANNUAL	ALL	00000005

462954.81000	3769456.39000	0.00035	329.50	329.50	0.00	ANNUAL	ALL	00000005
462928.30000	3769393.04000	0.00038	329.00	329.00	0.00	ANNUAL	ALL	00000005
462901.79000	3769329.68000	0.00041	328.78	328.78	0.00	ANNUAL	ALL	00000005
462875.27000	3769266.32000	0.00043	327.71	327.71	0.00	ANNUAL	ALL	00000005
463346.85000	3769682.46000	0.00049	334.00	334.00	0.00	ANNUAL	ALL	00000005
463416.52000	3769682.46000	0.00069	335.00	335.00	0.00	ANNUAL	ALL	00000005
463279.95000	3769719.22000	0.00032	334.76	334.76	0.00	ANNUAL	ALL	00000005
463215.82000	3769692.75000	0.00031	334.00	334.00	0.00	ANNUAL	ALL	00000005
463151.69000	3769666.28000	0.00028	334.00	334.00	0.00	ANNUAL	ALL	00000005
463087.57000	3769639.81000	0.00027	333.12	333.12	0.00	ANNUAL	ALL	00000005
463023.44000	3769613.34000	0.00027	331.84	331.84	0.00	ANNUAL	ALL	00000005
462945.92000	3769554.87000	0.00027	330.85	330.85	0.00	ANNUAL	ALL	00000005
462919.14000	3769490.87000	0.00029	330.10	330.10	0.00	ANNUAL	ALL	00000005
462892.36000	3769426.88000	0.00031	330.00	330.00	0.00	ANNUAL	ALL	00000005
462865.58000	3769362.88000	0.00033	329.00	329.00	0.00	ANNUAL	ALL	00000005
462838.80000	3769298.88000	0.00033	328.27	328.27	0.00	ANNUAL	ALL	00000005
463346.85000	3769732.46000	0.00035	335.20	335.20	0.00	ANNUAL	ALL	00000005
463416.52000	3769732.46000	0.00038	338.28	341.00	0.00	ANNUAL	ALL	00000005
463466.52000	3769232.46000	0.00522	325.00	325.00	0.00	ANNUAL	ALL	00000005
463466.52000	3769183.08000	0.00505	324.94	324.94	0.00	ANNUAL	ALL	00000005
463466.52000	3769133.70000	0.00377	324.11	324.11	0.00	ANNUAL	ALL	00000005
463501.88000	3769267.82000	0.00392	325.19	325.19	0.00	ANNUAL	ALL	00000005
463516.52000	3769183.08000	0.00320	324.69	324.69	0.00	ANNUAL	ALL	00000005
463516.52000	3769133.70000	0.00229	324.00	324.00	0.00	ANNUAL	ALL	00000005
463551.88000	3769267.82000	0.00310	325.00	325.00	0.00	ANNUAL	ALL	00000005
463487.23000	3769353.17000	0.00267	326.56	326.56	0.00	ANNUAL	ALL	00000005
463566.52000	3769183.08000	0.00239	324.00	324.00	0.00	ANNUAL	ALL	00000005
463566.52000	3769133.70000	0.00168	324.00	324.00	0.00	ANNUAL	ALL	00000005
463601.88000	3769267.82000	0.00257	324.72	324.72	0.00	ANNUAL	ALL	00000005
463572.59000	3769338.53000	0.00191	325.91	325.91	0.00	ANNUAL	ALL	00000005
463522.59000	3769388.53000	0.00190	327.00	327.00	0.00	ANNUAL	ALL	00000005
463616.52000	3769183.08000	0.00196	323.39	323.39	0.00	ANNUAL	ALL	00000005
463616.52000	3769133.70000	0.00134	323.00	323.00	0.00	ANNUAL	ALL	00000005
463648.21000	3769276.65000	0.00203	324.39	324.39	0.00	ANNUAL	ALL	00000005
463629.91000	3769320.85000	0.00167	325.00	325.00	0.00	ANNUAL	ALL	00000005
463611.60000	3769365.04000	0.00150	325.96	325.96	0.00	ANNUAL	ALL	00000005
463549.10000	3769427.54000	0.00148	327.70	327.70	0.00	ANNUAL	ALL	00000005
463504.91000	3769445.85000	0.00176	328.00	328.00	0.00	ANNUAL	ALL	00000005
463460.71000	3769464.15000	0.00279	328.73	328.73	0.00	ANNUAL	ALL	00000005

463666.52000	3769232.46000	0.00273	323.89	323.89	0.00	ANNUAL	ALL	00000005
463666.52000	3769183.08000	0.00169	323.00	323.00	0.00	ANNUAL	ALL	00000005
463666.52000	3769133.70000	0.00112	322.83	322.83	0.00	ANNUAL	ALL	00000005
463698.95000	3769274.89000	0.00179	324.00	324.00	0.00	ANNUAL	ALL	00000005
463681.37000	3769317.31000	0.00143	324.54	324.54	0.00	ANNUAL	ALL	00000005
463663.80000	3769359.74000	0.00130	325.00	325.00	0.00	ANNUAL	ALL	00000005
463646.23000	3769402.17000	0.00119	326.09	326.09	0.00	ANNUAL	ALL	00000005
463586.23000	3769462.17000	0.00116	328.09	328.09	0.00	ANNUAL	ALL	00000005
463543.80000	3769479.74000	0.00130	328.78	328.78	0.00	ANNUAL	ALL	00000005
463501.37000	3769497.31000	0.00166	329.10	329.10	0.00	ANNUAL	ALL	00000005
463458.95000	3769514.89000	0.00320	329.95	329.95	0.00	ANNUAL	ALL	00000005
463716.52000	3769232.46000	0.00245	323.54	323.54	0.00	ANNUAL	ALL	00000005
463716.52000	3769183.08000	0.00150	322.90	322.90	0.00	ANNUAL	ALL	00000005
463716.52000	3769133.70000	0.00096	322.03	322.03	0.00	ANNUAL	ALL	00000005
463749.43000	3769273.71000	0.00158	323.01	323.01	0.00	ANNUAL	ALL	00000005
463715.26000	3769356.20000	0.00112	324.71	324.71	0.00	ANNUAL	ALL	00000005
463681.09000	3769438.70000	0.00097	326.41	326.41	0.00	ANNUAL	ALL	00000005
463622.76000	3769497.03000	0.00094	328.08	328.08	0.00	ANNUAL	ALL	00000005
463540.26000	3769531.20000	0.00118	329.98	329.98	0.00	ANNUAL	ALL	00000005
463766.52000	3769183.08000	0.00132	322.39	322.39	0.00	ANNUAL	ALL	00000005
463766.52000	3769133.70000	0.00081	321.58	321.58	0.00	ANNUAL	ALL	00000005
463799.78000	3769272.87000	0.00136	322.92	322.92	0.00	ANNUAL	ALL	00000005
463766.31000	3769353.68000	0.00096	323.77	323.77	0.00	ANNUAL	ALL	00000005
463732.84000	3769434.49000	0.00086	325.56	325.56	0.00	ANNUAL	ALL	00000005
463658.96000	3769532.04000	0.00078	328.01	328.01	0.00	ANNUAL	ALL	00000005
463578.14000	3769565.51000	0.00090	330.36	330.36	0.00	ANNUAL	ALL	00000005
463497.33000	3769598.99000	0.00161	334.02	334.02	0.00	ANNUAL	ALL	00000005
463816.52000	3769183.08000	0.00102	321.98	321.98	0.00	ANNUAL	ALL	00000005
463816.52000	3769133.70000	0.00066	321.19	321.19	0.00	ANNUAL	ALL	00000005
463847.69000	3769277.92000	0.00099	322.00	322.00	0.00	ANNUAL	ALL	00000005
463828.86000	3769323.37000	0.00086	322.72	322.72	0.00	ANNUAL	ALL	00000005
463810.03000	3769368.83000	0.00081	323.08	323.08	0.00	ANNUAL	ALL	00000005
463791.20000	3769414.29000	0.00077	324.37	324.37	0.00	ANNUAL	ALL	00000005
463772.38000	3769459.74000	0.00073	325.11	325.11	0.00	ANNUAL	ALL	00000005
463753.55000	3769505.20000	0.00069	326.55	326.55	0.00	ANNUAL	ALL	00000005
463689.26000	3769569.49000	0.00066	328.77	328.77	0.00	ANNUAL	ALL	00000005
463643.80000	3769588.32000	0.00069	329.40	329.40	0.00	ANNUAL	ALL	00000005
463598.35000	3769607.14000	0.00074	331.00	331.00	0.00	ANNUAL	ALL	00000005
463552.89000	3769625.97000	0.00085	332.69	332.69	0.00	ANNUAL	ALL	00000005

463507.43000	3769644.80000	0.00109	334.07	334.07	0.00	ANNUAL	ALL	00000005
463461.98000	3769663.63000	0.00116	335.00	335.00	0.00	ANNUAL	ALL	00000005
463866.52000	3769232.46000	0.00091	321.59	321.59	0.00	ANNUAL	ALL	00000005
463866.52000	3769183.08000	0.00066	321.09	321.09	0.00	ANNUAL	ALL	00000005
463866.52000	3769133.70000	0.00052	321.00	321.00	0.00	ANNUAL	ALL	00000005
463898.21000	3769276.65000	0.00070	322.00	322.00	0.00	ANNUAL	ALL	00000005
463879.91000	3769320.85000	0.00071	322.00	322.00	0.00	ANNUAL	ALL	00000005
463861.60000	3769365.04000	0.00069	322.97	322.97	0.00	ANNUAL	ALL	00000005
463843.30000	3769409.24000	0.00068	323.43	323.43	0.00	ANNUAL	ALL	00000005
463824.99000	3769453.43000	0.00065	324.90	324.90	0.00	ANNUAL	ALL	00000005
463806.69000	3769497.63000	0.00062	325.44	325.44	0.00	ANNUAL	ALL	00000005
463788.38000	3769541.82000	0.00059	326.85	326.85	0.00	ANNUAL	ALL	00000005
463725.88000	3769604.32000	0.00056	328.74	328.74	0.00	ANNUAL	ALL	00000005
463681.69000	3769622.63000	0.00057	329.27	329.27	0.00	ANNUAL	ALL	00000005
463637.49000	3769640.93000	0.00059	330.74	330.74	0.00	ANNUAL	ALL	00000005
463593.30000	3769659.24000	0.00062	332.02	332.02	0.00	ANNUAL	ALL	00000005
463549.10000	3769677.54000	0.00065	333.80	333.80	0.00	ANNUAL	ALL	00000005
463504.91000	3769695.85000	0.00060	334.99	342.00	0.00	ANNUAL	ALL	00000005
463460.71000	3769714.15000	0.00048	337.00	342.00	0.00	ANNUAL	ALL	00000005
463916.52000	3769232.46000	0.00057	321.00	321.00	0.00	ANNUAL	ALL	00000005
463916.52000	3769183.08000	0.00049	320.94	320.94	0.00	ANNUAL	ALL	00000005
463916.52000	3769133.70000	0.00042	320.11	320.11	0.00	ANNUAL	ALL	00000005
463434.28000	3769091.04000	0.00425	324.00	324.00	0.00	ANNUAL	ALL	00000005
463381.64000	3769083.62000	0.00540	324.00	324.00	0.00	ANNUAL	ALL	00000005
463311.64000	3769083.46000	0.00487	323.23	323.23	0.00	ANNUAL	ALL	00000005
463440.27000	3769043.49000	0.00331	324.00	324.00	0.00	ANNUAL	ALL	00000005
463497.05000	3769086.61000	0.00209	324.00	324.00	0.00	ANNUAL	ALL	00000005
463381.75000	3769033.62000	0.00309	323.98	323.98	0.00	ANNUAL	ALL	00000005
463311.76000	3769033.46000	0.00262	323.00	323.00	0.00	ANNUAL	ALL	00000005
463443.32000	3768994.71000	0.00262	323.61	323.61	0.00	ANNUAL	ALL	00000005
463496.25000	3769016.74000	0.00159	324.00	324.00	0.00	ANNUAL	ALL	00000005
463533.66000	3769054.24000	0.00143	324.00	324.00	0.00	ANNUAL	ALL	00000005
463381.87000	3768983.62000	0.00232	323.18	323.18	0.00	ANNUAL	ALL	00000005
463311.87000	3768983.46000	0.00176	323.00	323.00	0.00	ANNUAL	ALL	00000005
463445.20000	3768945.45000	0.00224	323.00	323.00	0.00	ANNUAL	ALL	00000005
463501.65000	3768968.94000	0.00130	323.00	323.00	0.00	ANNUAL	ALL	00000005
463569.79000	3769020.69000	0.00105	323.00	323.00	0.00	ANNUAL	ALL	00000005
463593.15000	3769077.20000	0.00114	323.08	323.08	0.00	ANNUAL	ALL	00000005
463381.98000	3768933.62000	0.00194	322.58	322.58	0.00	ANNUAL	ALL	00000005

463311.99000	3768933.46000	0.00133	322.23	322.23	0.00	ANNUAL	ALL	00000005
463446.49000	3768895.94000	0.00198	322.32	322.32	0.00	ANNUAL	ALL	00000005
463505.30000	3768920.41000	0.00111	322.26	322.26	0.00	ANNUAL	ALL	00000005
463564.10000	3768944.89000	0.00086	322.95	322.95	0.00	ANNUAL	ALL	00000005
463605.67000	3768986.55000	0.00081	322.27	322.27	0.00	ANNUAL	ALL	00000005
463630.01000	3769045.41000	0.00088	322.30	322.30	0.00	ANNUAL	ALL	00000005
463382.09000	3768883.62000	0.00170	321.91	321.91	0.00	ANNUAL	ALL	00000005
463312.10000	3768883.46000	0.00106	321.90	321.90	0.00	ANNUAL	ALL	00000005
463447.45000	3768846.29000	0.00177	321.00	321.00	0.00	ANNUAL	ALL	00000005
463507.93000	3768871.46000	0.00095	321.50	321.50	0.00	ANNUAL	ALL	00000005
463568.41000	3768896.64000	0.00073	322.00	322.00	0.00	ANNUAL	ALL	00000005
463641.41000	3768952.08000	0.00064	321.68	321.68	0.00	ANNUAL	ALL	00000005
463666.45000	3769012.62000	0.00069	321.82	321.82	0.00	ANNUAL	ALL	00000005
463691.48000	3769073.16000	0.00078	321.95	321.95	0.00	ANNUAL	ALL	00000005
463382.21000	3768833.62000	0.00151	321.00	321.00	0.00	ANNUAL	ALL	00000005
463312.22000	3768833.46000	0.00088	321.00	321.00	0.00	ANNUAL	ALL	00000005
463448.19000	3768796.55000	0.00150	320.01	320.01	0.00	ANNUAL	ALL	00000005
463509.93000	3768822.25000	0.00079	320.86	320.86	0.00	ANNUAL	ALL	00000005
463571.68000	3768847.95000	0.00062	320.72	320.72	0.00	ANNUAL	ALL	00000005
463633.42000	3768873.65000	0.00053	320.50	320.50	0.00	ANNUAL	ALL	00000005
463677.07000	3768917.40000	0.00051	320.44	320.44	0.00	ANNUAL	ALL	00000005
463702.63000	3768979.20000	0.00056	321.00	321.00	0.00	ANNUAL	ALL	00000005
463728.18000	3769041.00000	0.00061	321.00	321.00	0.00	ANNUAL	ALL	00000005
463382.32000	3768783.62000	0.00125	319.58	319.58	0.00	ANNUAL	ALL	00000005
463312.33000	3768783.46000	0.00072	319.57	319.57	0.00	ANNUAL	ALL	00000005
463448.80000	3768746.75000	0.00085	318.37	318.37	0.00	ANNUAL	ALL	00000005
463511.52000	3768772.86000	0.00061	319.22	319.22	0.00	ANNUAL	ALL	00000005
463574.24000	3768798.97000	0.00051	319.86	319.86	0.00	ANNUAL	ALL	00000005
463636.96000	3768825.07000	0.00045	319.72	319.72	0.00	ANNUAL	ALL	00000005
463712.67000	3768882.57000	0.00042	319.23	319.23	0.00	ANNUAL	ALL	00000005
463738.63000	3768945.35000	0.00045	319.98	319.98	0.00	ANNUAL	ALL	00000005
463764.59000	3769008.14000	0.00049	320.53	320.53	0.00	ANNUAL	ALL	00000005
463790.56000	3769070.92000	0.00055	321.00	321.00	0.00	ANNUAL	ALL	00000005
463382.44000	3768733.62000	0.00078	318.69	318.69	0.00	ANNUAL	ALL	00000005
463312.44000	3768733.46000	0.00058	317.96	317.96	0.00	ANNUAL	ALL	00000005
463449.30000	3768696.92000	0.00051	318.00	318.00	0.00	ANNUAL	ALL	00000005
463512.81000	3768723.35000	0.00047	319.00	319.00	0.00	ANNUAL	ALL	00000005
463576.32000	3768749.78000	0.00042	319.00	319.00	0.00	ANNUAL	ALL	00000005
463639.82000	3768776.22000	0.00038	318.77	318.77	0.00	ANNUAL	ALL	00000005



463703.33000	3768802.65000	0.00035	318.21	318.21	0.00	ANNUAL	ALL	00000005
463748.23000	3768847.65000	0.00035	318.72	318.72	0.00	ANNUAL	ALL	00000005
463774.51000	3768911.22000	0.00037	319.00	319.00	0.00	ANNUAL	ALL	00000005
463800.80000	3768974.78000	0.00041	319.95	319.95	0.00	ANNUAL	ALL	00000005
463827.09000	3769038.35000	0.00044	320.03	320.03	0.00	ANNUAL	ALL	00000005
463382.55000	3768683.62000	0.00051	317.24	317.24	0.00	ANNUAL	ALL	00000005
463312.56000	3768683.46000	0.00047	317.13	317.13	0.00	ANNUAL	ALL	00000005
463449.74000	3768647.05000	0.00038	318.00	318.00	0.00	ANNUAL	ALL	00000005
463513.89000	3768673.75000	0.00038	318.00	318.00	0.00	ANNUAL	ALL	00000005
463578.03000	3768700.45000	0.00035	318.00	318.00	0.00	ANNUAL	ALL	00000005
463642.18000	3768727.15000	0.00033	318.00	318.00	0.00	ANNUAL	ALL	00000005
463706.33000	3768753.85000	0.00030	317.77	317.77	0.00	ANNUAL	ALL	00000005
463783.75000	3768812.66000	0.00029	317.54	317.54	0.00	ANNUAL	ALL	00000005
463810.31000	3768876.86000	0.00031	318.00	318.00	0.00	ANNUAL	ALL	00000005
463836.86000	3768941.07000	0.00034	319.00	319.00	0.00	ANNUAL	ALL	00000005
463863.41000	3769005.28000	0.00036	319.20	319.20	0.00	ANNUAL	ALL	00000005
463889.97000	3769069.49000	0.00039	319.39	319.39	0.00	ANNUAL	ALL	00000005
463382.67000	3768633.62000	0.00039	317.00	317.00	0.00	ANNUAL	ALL	00000005
463312.67000	3768633.46000	0.00039	317.00	317.00	0.00	ANNUAL	ALL	00000005
463261.53000	3769133.70000	0.00428	324.00	324.00	0.00	ANNUAL	ALL	00000005
463261.77000	3769183.20000	0.00475	324.90	324.90	0.00	ANNUAL	ALL	00000005
463262.01000	3769232.70000	0.00423	325.55	325.55	0.00	ANNUAL	ALL	00000005
463226.13000	3769098.39000	0.00233	323.07	323.07	0.00	ANNUAL	ALL	00000005
463211.77000	3769183.44000	0.00253	324.90	324.90	0.00	ANNUAL	ALL	00000005
463212.01000	3769232.94000	0.00295	325.55	325.55	0.00	ANNUAL	ALL	00000005
463176.13000	3769098.63000	0.00153	323.08	323.08	0.00	ANNUAL	ALL	00000005
463240.84000	3769012.84000	0.00167	322.22	322.22	0.00	ANNUAL	ALL	00000005
463161.77000	3769183.69000	0.00177	324.91	324.91	0.00	ANNUAL	ALL	00000005
463126.13000	3769098.88000	0.00112	323.80	323.80	0.00	ANNUAL	ALL	00000005
463155.33000	3769027.77000	0.00111	322.71	322.71	0.00	ANNUAL	ALL	00000005
463205.44000	3768977.53000	0.00120	322.00	322.00	0.00	ANNUAL	ALL	00000005
463111.77000	3769183.93000	0.00140	324.94	324.94	0.00	ANNUAL	ALL	00000005
463112.01000	3769233.43000	0.00201	325.68	325.68	0.00	ANNUAL	ALL	00000005
463079.78000	3769090.23000	0.00087	324.00	324.00	0.00	ANNUAL	ALL	00000005
463098.03000	3769045.79000	0.00087	323.23	323.23	0.00	ANNUAL	ALL	00000005
463116.28000	3769001.35000	0.00086	322.83	322.83	0.00	ANNUAL	ALL	00000005
463178.92000	3768938.55000	0.00093	321.74	321.74	0.00	ANNUAL	ALL	00000005
463223.31000	3768920.19000	0.00100	321.53	321.53	0.00	ANNUAL	ALL	00000005
463267.71000	3768901.82000	0.00104	321.97	321.97	0.00	ANNUAL	ALL	00000005

463061.53000	3769134.67000	0.00090	324.95	324.95	0.00	ANNUAL	ALL	00000005
463061.77000	3769184.17000	0.00116	325.00	325.00	0.00	ANNUAL	ALL	00000005
463029.05000	3769092.25000	0.00070	324.00	324.00	0.00	ANNUAL	ALL	00000005
463046.57000	3769049.59000	0.00070	323.44	323.44	0.00	ANNUAL	ALL	00000005
463064.09000	3769006.93000	0.00069	323.00	323.00	0.00	ANNUAL	ALL	00000005
463081.61000	3768964.26000	0.00068	322.16	322.16	0.00	ANNUAL	ALL	00000005
463141.74000	3768903.97000	0.00073	321.00	321.00	0.00	ANNUAL	ALL	00000005
463184.36000	3768886.34000	0.00079	321.00	321.00	0.00	ANNUAL	ALL	00000005
463226.98000	3768868.72000	0.00082	321.00	321.00	0.00	ANNUAL	ALL	00000005
463269.60000	3768851.09000	0.00084	320.82	320.82	0.00	ANNUAL	ALL	00000005
463011.53000	3769134.91000	0.00074	325.00	325.00	0.00	ANNUAL	ALL	00000005
463011.77000	3769184.41000	0.00099	325.94	325.94	0.00	ANNUAL	ALL	00000005
463012.01000	3769233.91000	0.00160	326.34	326.34	0.00	ANNUAL	ALL	00000005
462978.57000	3769093.68000	0.00058	324.64	324.64	0.00	ANNUAL	ALL	00000005
463012.63000	3769010.72000	0.00057	323.08	323.08	0.00	ANNUAL	ALL	00000005
463046.69000	3768927.77000	0.00056	322.00	322.00	0.00	ANNUAL	ALL	00000005
463105.16000	3768869.15000	0.00059	321.00	321.00	0.00	ANNUAL	ALL	00000005
463188.03000	3768834.88000	0.00067	320.28	320.28	0.00	ANNUAL	ALL	00000005
462961.77000	3769184.66000	0.00082	326.00	326.00	0.00	ANNUAL	ALL	00000005
462928.22000	3769094.77000	0.00048	324.97	324.97	0.00	ANNUAL	ALL	00000005
462961.59000	3769013.51000	0.00048	323.44	323.44	0.00	ANNUAL	ALL	00000005
462994.96000	3768932.24000	0.00047	322.08	322.08	0.00	ANNUAL	ALL	00000005
463068.91000	3768834.19000	0.00049	321.00	321.00	0.00	ANNUAL	ALL	00000005
463150.09000	3768800.61000	0.00055	320.14	320.14	0.00	ANNUAL	ALL	00000005
463231.27000	3768767.04000	0.00057	319.02	319.02	0.00	ANNUAL	ALL	00000005
462911.77000	3769184.90000	0.00058	326.00	326.00	0.00	ANNUAL	ALL	00000005
462912.01000	3769234.40000	0.00077	327.00	327.00	0.00	ANNUAL	ALL	00000005
462880.31000	3769089.93000	0.00040	325.00	325.00	0.00	ANNUAL	ALL	00000005
462899.08000	3769044.22000	0.00040	324.26	324.26	0.00	ANNUAL	ALL	00000005
462917.84000	3768998.51000	0.00040	323.74	323.74	0.00	ANNUAL	ALL	00000005
462936.61000	3768952.80000	0.00040	323.00	323.00	0.00	ANNUAL	ALL	00000005
462955.38000	3768907.09000	0.00040	322.00	322.00	0.00	ANNUAL	ALL	00000005
462974.15000	3768861.38000	0.00040	321.87	321.87	0.00	ANNUAL	ALL	00000005
463038.59000	3768796.78000	0.00042	320.71	320.71	0.00	ANNUAL	ALL	00000005
463084.25000	3768777.90000	0.00045	320.00	320.00	0.00	ANNUAL	ALL	00000005
463129.91000	3768759.01000	0.00047	319.76	319.76	0.00	ANNUAL	ALL	00000005
463175.57000	3768740.12000	0.00048	319.02	319.02	0.00	ANNUAL	ALL	00000005
463221.23000	3768721.24000	0.00048	318.81	318.81	0.00	ANNUAL	ALL	00000005
463266.90000	3768702.35000	0.00048	318.00	318.00	0.00	ANNUAL	ALL	00000005

462861.54000	3769135.64000	0.00039	326.00	326.00	0.00	ANNUAL	ALL	00000005
462861.78000	3769185.14000	0.00041	326.57	326.57	0.00	ANNUAL	ALL	00000005
462829.78000	3769091.44000	0.00033	325.00	325.00	0.00	ANNUAL	ALL	00000005
462848.03000	3769047.00000	0.00034	324.39	324.39	0.00	ANNUAL	ALL	00000005
462866.28000	3769002.56000	0.00034	324.00	324.00	0.00	ANNUAL	ALL	00000005
462884.53000	3768958.12000	0.00035	323.33	323.33	0.00	ANNUAL	ALL	00000005
462902.78000	3768913.68000	0.00035	322.93	322.93	0.00	ANNUAL	ALL	00000005
462921.03000	3768869.24000	0.00035	322.00	322.00	0.00	ANNUAL	ALL	00000005
462939.28000	3768824.80000	0.00034	321.01	321.01	0.00	ANNUAL	ALL	00000005
463001.92000	3768762.00000	0.00036	320.00	320.00	0.00	ANNUAL	ALL	00000005
463046.31000	3768743.64000	0.00038	320.00	320.00	0.00	ANNUAL	ALL	00000005
463090.70000	3768725.27000	0.00040	319.61	319.61	0.00	ANNUAL	ALL	00000005
463135.10000	3768706.91000	0.00041	319.00	319.00	0.00	ANNUAL	ALL	00000005
463179.49000	3768688.55000	0.00042	318.41	318.41	0.00	ANNUAL	ALL	00000005
463223.89000	3768670.19000	0.00041	318.00	318.00	0.00	ANNUAL	ALL	00000005
463268.28000	3768651.82000	0.00040	317.22	317.22	0.00	ANNUAL	ALL	00000005
462811.54000	3769135.88000	0.00032	326.00	326.00	0.00	ANNUAL	ALL	00000005
462811.78000	3769185.38000	0.00032	326.97	326.97	0.00	ANNUAL	ALL	00000005
462812.02000	3769234.88000	0.00032	327.62	327.62	0.00	ANNUAL	ALL	00000005
463311.53000	3769133.46000	0.01712	324.00	324.00	0.00	ANNUAL	ALL	00000005
463312.01000	3769232.46000	0.00960	325.54	325.54	0.00	ANNUAL	ALL	00000005
463416.52000	3769232.46000	0.00771	325.54	325.54	0.00	ANNUAL	ALL	00000005
463416.52000	3769133.70000	0.00978	324.25	324.25	0.00	ANNUAL	ALL	00000005

\*\* CONUNIT ug/m<sup>3</sup>

\*\* DEPUNIT g/m<sup>2</sup>

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**APPENDIX C**

**AERMOD Model Years 2020-2034 PM10 Cancer Risk Printouts**

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.3.0
** Lakes Environmental Software Inc.
** Date: 3/16/2017
** File: C:\Vista Env\2017\17014 Bloomington\AERMOD\Cancer20-34\Cancer20-
34.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE SB Co Bloomington Chevron Station
  TITLETWO PM10 Cancer Risk 2020-2034
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2015355 San_Bernardino_County
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL Cancer20-34.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 = CEDARN
** DESCRSRC Cedar Ave North of Slover
** PREFIX
** Length of Side = 14.63
** Configuration = Adjacent
** Emission Rate = 4.57E-06
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 5
** 463416.576, 3769232.511, 325.50, 0.00, 6.80
** 463419.600, 3769481.574, 329.00, 0.00, 6.80
** 463440.514, 3769568.510, 334.18, 0.00, 6.80
** 463443.614, 3769591.758, 335.00, 0.00, 6.80
** 463448.263, 3769646.003, 335.00, 0.00, 6.80
** -----

```

LOCATION	VOLUME			
L0000646	463416.664	3769239.825	325.78	
L0000647	463416.842	3769254.455	326.00	
L0000648	463417.020	3769269.084	326.00	
L0000649	463417.197	3769283.713	326.23	
L0000650	463417.375	3769298.343	326.68	
L0000651	463417.553	3769312.972	326.95	
L0000652	463417.730	3769327.601	326.98	
L0000653	463417.908	3769342.231	327.00	
L0000654	463418.085	3769356.860	327.00	
L0000655	463418.263	3769371.489	327.17	
L0000656	463418.441	3769386.119	327.66	
L0000657	463418.618	3769400.748	328.00	
L0000658	463418.796	3769415.377	328.00	
L0000659	463418.974	3769430.007	328.12	
L0000660	463419.151	3769444.636	328.61	
L0000661	463419.329	3769459.265	329.00	
L0000662	463419.507	3769473.895	329.00	
L0000663	463421.225	3769488.332	329.07	
L0000664	463424.647	3769502.556	329.54	
L0000665	463428.069	3769516.781	330.03	
L0000666	463431.491	3769531.005	330.98	
L0000667	463434.913	3769545.230	331.93	
L0000668	463438.335	3769559.455	333.15	
L0000669	463441.217	3769573.780	334.49	
L0000670	463443.150	3769588.282	334.87	
L0000671	463444.564	3769602.841	334.98	
L0000672	463445.813	3769617.418	335.00	
L0000673	463447.063	3769631.995	335.00	

\*\* End of LINE VOLUME Source ID = CEDARN

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = CEDARS

\*\* DESCRSRC Cedar Ave South of Slover Ave

\*\* PREFIX

\*\* Length of Side = 17.07

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.67E-06

\*\* Vertical Dimension = 6.00

\*\* SZINIT = 2.79

\*\* Nodes = 2

\*\* 463416.614, 3769232.723, 325.52, 0.00, 7.94

\*\* 463416.838, 3768746.493, 318.89, 0.00, 7.94

\*\* -----

LOCATION	VOLUME			
L0000674	463416.617	3769224.189	325.26	
L0000675	463416.625	3769207.120	325.00	
L0000676	463416.633	3769190.051	325.00	
L0000677	463416.641	3769172.982	325.00	
L0000678	463416.649	3769155.913	324.99	
L0000679	463416.657	3769138.845	324.42	
L0000680	463416.665	3769121.776	324.00	
L0000681	463416.673	3769104.707	324.00	
L0000682	463416.680	3769087.638	324.00	
L0000683	463416.688	3769070.569	324.00	
L0000684	463416.696	3769053.501	324.00	

LOCATION L0000685	VOLUME	463416.704	3769036.432	324.00
LOCATION L0000686	VOLUME	463416.712	3769019.363	324.00
LOCATION L0000687	VOLUME	463416.720	3769002.294	323.86
LOCATION L0000688	VOLUME	463416.728	3768985.225	323.30
LOCATION L0000689	VOLUME	463416.735	3768968.157	323.00
LOCATION L0000690	VOLUME	463416.743	3768951.088	323.00
LOCATION L0000691	VOLUME	463416.751	3768934.019	322.96
LOCATION L0000692	VOLUME	463416.759	3768916.950	322.91
LOCATION L0000693	VOLUME	463416.767	3768899.881	322.41
LOCATION L0000694	VOLUME	463416.775	3768882.813	321.88
LOCATION L0000695	VOLUME	463416.783	3768865.744	321.31
LOCATION L0000696	VOLUME	463416.791	3768848.675	321.00
LOCATION L0000697	VOLUME	463416.798	3768831.606	321.00
LOCATION L0000698	VOLUME	463416.806	3768814.537	320.61
LOCATION L0000699	VOLUME	463416.814	3768797.469	320.04
LOCATION L0000700	VOLUME	463416.822	3768780.400	319.47
LOCATION L0000701	VOLUME	463416.830	3768763.331	319.00

\*\* End of LINE VOLUME Source ID = CEDARS

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLOVERW

\*\* DESCRSRC Slover Ave West of Cedar Ave

\*\* PREFIX

\*\* Length of Side = 14.33

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.65E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 2

\*\* 463416.076, 3769233.402, 325.56, 0.00, 6.66

\*\* 462933.718, 3769232.564, 327.00, 0.00, 6.66

\*\* -----

LOCATION L0000702	VOLUME	463408.913	3769233.390	325.57
LOCATION L0000703	VOLUME	463394.588	3769233.365	325.57
LOCATION L0000704	VOLUME	463380.262	3769233.340	325.57
LOCATION L0000705	VOLUME	463365.936	3769233.315	325.57
LOCATION L0000706	VOLUME	463351.611	3769233.290	325.56
LOCATION L0000707	VOLUME	463337.285	3769233.265	325.56
LOCATION L0000708	VOLUME	463322.960	3769233.240	325.56
LOCATION L0000709	VOLUME	463308.634	3769233.215	325.56
LOCATION L0000710	VOLUME	463294.308	3769233.191	325.56
LOCATION L0000711	VOLUME	463279.983	3769233.166	325.56
LOCATION L0000712	VOLUME	463265.657	3769233.141	325.56
LOCATION L0000713	VOLUME	463251.332	3769233.116	325.56
LOCATION L0000714	VOLUME	463237.006	3769233.091	325.56
LOCATION L0000715	VOLUME	463222.681	3769233.066	325.56
LOCATION L0000716	VOLUME	463208.355	3769233.041	325.56
LOCATION L0000717	VOLUME	463194.029	3769233.016	325.56
LOCATION L0000718	VOLUME	463179.704	3769232.992	325.55
LOCATION L0000719	VOLUME	463165.378	3769232.967	325.55
LOCATION L0000720	VOLUME	463151.053	3769232.942	325.55
LOCATION L0000721	VOLUME	463136.727	3769232.917	325.55
LOCATION L0000722	VOLUME	463122.402	3769232.892	325.55
LOCATION L0000723	VOLUME	463108.076	3769232.867	325.72

LOCATION L0000724	VOLUME	463093.750	3769232.842	325.94
LOCATION L0000725	VOLUME	463079.425	3769232.817	326.00
LOCATION L0000726	VOLUME	463065.099	3769232.792	326.00
LOCATION L0000727	VOLUME	463050.774	3769232.768	326.00
LOCATION L0000728	VOLUME	463036.448	3769232.743	326.00
LOCATION L0000729	VOLUME	463022.122	3769232.718	326.14
LOCATION L0000730	VOLUME	463007.797	3769232.693	326.40
LOCATION L0000731	VOLUME	462993.471	3769232.668	326.54
LOCATION L0000732	VOLUME	462979.146	3769232.643	326.54
LOCATION L0000733	VOLUME	462964.820	3769232.618	326.62
LOCATION L0000734	VOLUME	462950.495	3769232.593	326.83
LOCATION L0000735	VOLUME	462936.169	3769232.569	327.00

\*\* End of LINE VOLUME Source ID = SLOVERW

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLOVERE

\*\* DESCRSRC Slover Ave East of Cedar Ave

\*\* PREFIX

\*\* Length of Side = 14.33

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.3E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 463417.282, 3769232.992, 325.53, 0.00, 6.66

\*\* 463814.406, 3769226.201, 322.06, 0.00, 6.66

\*\* 463826.208, 3769233.464, 322.06, 0.00, 6.66

\*\* 463833.168, 3769233.464, 322.00, 0.00, 6.66

\*\* -----

LOCATION L0000736	VOLUME	463424.444	3769232.869	325.46
LOCATION L0000737	VOLUME	463438.768	3769232.624	325.20
LOCATION L0000738	VOLUME	463453.091	3769232.380	325.00
LOCATION L0000739	VOLUME	463467.415	3769232.135	325.00
LOCATION L0000740	VOLUME	463481.738	3769231.890	325.00
LOCATION L0000741	VOLUME	463496.062	3769231.645	325.00
LOCATION L0000742	VOLUME	463510.385	3769231.400	325.00
LOCATION L0000743	VOLUME	463524.709	3769231.155	325.00
LOCATION L0000744	VOLUME	463539.032	3769230.910	325.00
LOCATION L0000745	VOLUME	463553.356	3769230.665	324.76
LOCATION L0000746	VOLUME	463567.679	3769230.420	324.50
LOCATION L0000747	VOLUME	463582.003	3769230.175	324.27
LOCATION L0000748	VOLUME	463596.326	3769229.930	324.05
LOCATION L0000749	VOLUME	463610.650	3769229.685	324.00
LOCATION L0000750	VOLUME	463624.973	3769229.440	324.00
LOCATION L0000751	VOLUME	463639.297	3769229.196	324.00
LOCATION L0000752	VOLUME	463653.620	3769228.951	324.00
LOCATION L0000753	VOLUME	463667.944	3769228.706	323.84
LOCATION L0000754	VOLUME	463682.267	3769228.461	323.55
LOCATION L0000755	VOLUME	463696.591	3769228.216	323.40
LOCATION L0000756	VOLUME	463710.914	3769227.971	323.39
LOCATION L0000757	VOLUME	463725.238	3769227.726	323.31
LOCATION L0000758	VOLUME	463739.561	3769227.481	323.12
LOCATION L0000759	VOLUME	463753.885	3769227.236	323.00
LOCATION L0000760	VOLUME	463768.208	3769226.991	323.00



LOCATION L0000761	VOLUME	463782.532	3769226.746	322.90
LOCATION L0000762	VOLUME	463796.855	3769226.501	322.43
LOCATION L0000763	VOLUME	463811.179	3769226.256	322.00
LOCATION L0000764	VOLUME	463823.858	3769232.017	322.00

\*\* End of LINE VOLUME Source ID = SLOVERE

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = ONSITE

\*\* DESCRSRC Onsite Diesel Vehicle Trips

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Adjacent

\*\* Emission Rate = 8.25E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 463324.901, 3769220.466, 325.00, 0.00, 1.70

\*\* 463325.174, 3769182.450, 324.93, 0.00, 1.70

\*\* 463325.448, 3769141.973, 324.07, 0.00, 1.70

\*\* 463399.565, 3769141.973, 324.59, 0.00, 1.70

\*\* -----

LOCATION L0000765	VOLUME	463324.914	3769218.637	325.08
LOCATION L0000766	VOLUME	463324.940	3769214.979	325.00
LOCATION L0000767	VOLUME	463324.967	3769211.322	325.00
LOCATION L0000768	VOLUME	463324.993	3769207.664	325.00
LOCATION L0000769	VOLUME	463325.019	3769204.007	325.00
LOCATION L0000770	VOLUME	463325.046	3769200.349	325.00
LOCATION L0000771	VOLUME	463325.072	3769196.692	325.00
LOCATION L0000772	VOLUME	463325.098	3769193.034	325.00
LOCATION L0000773	VOLUME	463325.125	3769189.377	325.00
LOCATION L0000774	VOLUME	463325.151	3769185.719	324.98
LOCATION L0000775	VOLUME	463325.177	3769182.062	324.86
LOCATION L0000776	VOLUME	463325.202	3769178.404	324.74
LOCATION L0000777	VOLUME	463325.226	3769174.747	324.61
LOCATION L0000778	VOLUME	463325.251	3769171.089	324.49
LOCATION L0000779	VOLUME	463325.276	3769167.432	324.37
LOCATION L0000780	VOLUME	463325.301	3769163.774	324.25
LOCATION L0000781	VOLUME	463325.325	3769160.117	324.13
LOCATION L0000782	VOLUME	463325.350	3769156.459	324.00
LOCATION L0000783	VOLUME	463325.375	3769152.802	324.00
LOCATION L0000784	VOLUME	463325.399	3769149.144	324.00
LOCATION L0000785	VOLUME	463325.424	3769145.487	324.00
LOCATION L0000786	VOLUME	463325.592	3769141.973	324.00
LOCATION L0000787	VOLUME	463329.249	3769141.973	324.00
LOCATION L0000788	VOLUME	463332.907	3769141.973	324.06
LOCATION L0000789	VOLUME	463336.565	3769141.973	324.12
LOCATION L0000790	VOLUME	463340.222	3769141.973	324.18
LOCATION L0000791	VOLUME	463343.880	3769141.973	324.25
LOCATION L0000792	VOLUME	463347.537	3769141.973	324.31
LOCATION L0000793	VOLUME	463351.195	3769141.973	324.37
LOCATION L0000794	VOLUME	463354.853	3769141.973	324.44
LOCATION L0000795	VOLUME	463358.510	3769141.973	324.50
LOCATION L0000796	VOLUME	463362.168	3769141.973	324.52
LOCATION L0000797	VOLUME	463365.825	3769141.973	324.52

LOCATION	L0000798	VOLUME	463369.483	3769141.973	324.52
LOCATION	L0000799	VOLUME	463373.141	3769141.973	324.52
LOCATION	L0000800	VOLUME	463376.798	3769141.973	324.52
LOCATION	L0000801	VOLUME	463380.456	3769141.973	324.52
LOCATION	L0000802	VOLUME	463384.113	3769141.973	324.52
LOCATION	L0000803	VOLUME	463387.771	3769141.973	324.52
LOCATION	L0000804	VOLUME	463391.429	3769141.973	324.52
LOCATION	L0000805	VOLUME	463395.086	3769141.973	324.52
LOCATION	L0000806	VOLUME	463398.744	3769141.973	324.52
** End of LINE VOLUME Source ID = ONSITE					
LOCATION	IDLE	POINT	463327.730	3769183.960	324.920
** DESCRSRC Onsite Diesel Vehicle Idling					
LOCATION	LOADBREATHE	POINT	463382.490	3769156.350	325.000
** DESCRSRC Combined Gasoline Tanks Loading and Tank Breathing					
LOCATION	REFUELSPILL	VOLUME	463382.680	3769179.440	325.000
** DESCRSRC Combined Gasoline Refueling and Spillage					
** Source Parameters **					
** LINE VOLUME Source ID = CEDARN					
SRCPARAM	L0000646	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000647	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000648	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000649	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000650	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000651	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000652	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000653	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000654	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000655	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000656	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000657	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000658	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000659	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000660	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000661	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000662	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000663	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000664	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000665	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000666	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000667	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000668	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000669	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000670	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000671	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000672	0.0000001632	0.00	6.80	0.85
SRCPARAM	L0000673	0.0000001632	0.00	6.80	0.85
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** LINE VOLUME Source ID = CEDARS					
SRCPARAM	L0000674	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000675	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000676	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000677	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000678	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000679	0.00000009536	0.00	7.94	2.79

SRCPARAM	L0000680	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000681	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000682	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000683	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000684	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000685	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000686	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000687	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000688	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000689	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000690	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000691	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000692	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000693	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000694	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000695	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000696	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000697	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000698	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000699	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000700	0.00000009536	0.00	7.94	2.79
SRCPARAM	L0000701	0.00000009536	0.00	7.94	2.79

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 \*\* LINE VOLUME Source ID = SLOVERW

SRCPARAM	L0000702	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000703	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000704	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000705	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000706	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000707	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000708	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000709	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000710	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000711	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000712	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000713	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000714	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000715	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000716	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000717	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000718	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000719	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000720	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000721	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000722	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000723	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000724	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000725	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000726	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000727	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000728	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000729	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000730	0.00000007794	0.00	6.66	0.85
SRCPARAM	L0000731	0.00000007794	0.00	6.66	0.85

SRCPARAM L0000732	0.00000007794	0.00	6.66	0.85
SRCPARAM L0000733	0.00000007794	0.00	6.66	0.85
SRCPARAM L0000734	0.00000007794	0.00	6.66	0.85
SRCPARAM L0000735	0.00000007794	0.00	6.66	0.85

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 \*\* LINE VOLUME Source ID = SLOVERE

SRCPARAM L0000736	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000737	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000738	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000739	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000740	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000741	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000742	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000743	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000744	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000745	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000746	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000747	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000748	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000749	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000750	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000751	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000752	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000753	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000754	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000755	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000756	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000757	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000758	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000759	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000760	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000761	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000762	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000763	0.00000007931	0.00	6.66	0.85
SRCPARAM L0000764	0.00000007931	0.00	6.66	0.85

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 \*\* LINE VOLUME Source ID = ONSITE

SRCPARAM L0000765	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000766	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000767	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000768	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000769	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000770	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000771	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000772	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000773	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000774	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000775	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000776	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000777	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000778	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000779	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000780	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000781	0.0000001964	0.00	1.70	0.85

SRCPARAM L0000782	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000783	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000784	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000785	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000786	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000787	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000788	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000789	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000790	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000791	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000792	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000793	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000794	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000795	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000796	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000797	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000798	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000799	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000800	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000801	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000802	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000803	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000804	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000805	0.0000001964	0.00	1.70	0.85
SRCPARAM L0000806	0.0000001964	0.00	1.70	0.85

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SRCPARAM IDLE	5.42E-06	3.840	366.000	51.71000
0.100				
SRCPARAM LOADBREATHE	3.51E-09	3.658	294.000	0.00100
0.050				
SRCPARAM REFUELSPIII	1.36E-08	3.658	13.000	5.000
URBANSRC ALL				
SRCGROUP ALL				

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED Cancer20-34.rou

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE ..\font8.sfc

PROFFILE ..\font8.PFL

SURFDATA 0 2008 Fontana 454620.00 3773190.00

UAIRDATA 3190 2008

```
SITEDATA 99999 2008
PROFBASE 367.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL CANCER20-34.AD\AN00GALL.PLT 31
  SUMMFILE Cancer20-34.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

\* AERMOD (162161r): SB Co Bloomington Chevron Station  
 \* AERMET ( 14134):

03/16/17  
 12:11:21

\* MODELLING OPTIONS USED: RegDEFAULT CONC ELEVE URBAN  
 \* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL  
 \* FOR A TOTAL OF 327 RECEPTORS.

\* FORMAT: (3(1X,F8.2),2X,A6,2X,A8,2X,18.8,2X,A8)

X	Y	AVERAGE CONC	ZLEVE	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
463307	.00000	3769197.00000	325.00	325.00	0.00	ANNUAL	ALL	00000005	
463307	.00000	3769166.00000	324.32	324.32	0.00	ANNUAL	ALL	00000005	
463304	.00000	3769138.00000	324.00	324.00	0.00	ANNUAL	ALL	00000005	
463303	.00000	3769115.00000	323.66	323.66	0.00	ANNUAL	ALL	00000005	
463500	.00000	3769135.00000	324.00	324.00	0.00	ANNUAL	ALL	00000005	
463500	.00000	3769209.00000	325.00	325.00	0.00	ANNUAL	ALL	00000005	
463463	.00000	3769356.00000	326.85	326.85	0.00	ANNUAL	ALL	00000005	
463308	.00000	3769258.00000	326.00	326.00	0.00	ANNUAL	ALL	00000005	
463273	.00000	3769249.00000	326.00	326.00	0.00	ANNUAL	ALL	00000005	
463294	.38000	3769275.18000	326.00	326.00	0.00	ANNUAL	ALL	00000005	
463346	.85000	3769282.46000	326.20	326.20	0.00	ANNUAL	ALL	00000005	
463416	.52000	3769282.46000	326.18	326.18	0.00	ANNUAL	ALL	00000005	
463288	.50000	3769322.75000	327.00	327.00	0.00	ANNUAL	ALL	00000005	
463231	.65000	3769279.88000	326.12	326.12	0.00	ANNUAL	ALL	00000005	
463346	.85000	3769332.46000	327.00	327.00	0.00	ANNUAL	ALL	00000005	
463416	.52000	3769332.46000	326.99	326.99	0.00	ANNUAL	ALL	00000005	
463285	.56000	3769371.54000	328.00	328.00	0.00	ANNUAL	ALL	00000005	
463232	.65000	3769349.70000	327.45	327.45	0.00	ANNUAL	ALL	00000005	
463195	.15000	3769312.38000	327.10	327.10	0.00	ANNUAL	ALL	00000005	
463173	.06000	3769259.59000	326.00	326.00	0.00	ANNUAL	ALL	00000005	
463346	.85000	3769382.46000	328.00	328.00	0.00	ANNUAL	ALL	00000005	
463416	.52000	3769382.46000	327.54	327.54	0.00	ANNUAL	ALL	00000005	
463283	.79000	3769420.81000	328.43	328.43	0.00	ANNUAL	ALL	00000005	
463227	.36000	3769397.52000	328.43	328.43	0.00	ANNUAL	ALL	00000005	
463159	.15000	3769346.06000	327.54	327.54	0.00	ANNUAL	ALL	00000005	
463135	.58000	3769289.75000	326.71	326.71	0.00	ANNUAL	ALL	00000005	
463346	.85000	3769432.46000	328.20	328.20	0.00	ANNUAL	ALL	00000005	
463416	.52000	3769432.46000	328.20	328.20	0.00	ANNUAL	ALL	00000005	
463282	.62000	3769470.33000	329.47	329.47	0.00	ANNUAL	ALL	00000005	
463223	.84000	3769446.06000	329.00	329.00	0.00	ANNUAL	ALL	00000005	
463165	.05000	3769421.80000	329.00	329.00	0.00	ANNUAL	ALL	00000005	

463123.39000	3769380.33000	0.00025	328.06	328.06	0.00	ANNUAL	ALL	00000005
463098.84000	3769321.67000	0.00032	327.35	327.35	0.00	ANNUAL	ALL	00000005
463074.29000	3769263.00000	0.00060	326.56	326.56	0.00	ANNUAL	ALL	00000005
463346.85000	3769482.46000	0.00045	329.00	329.00	0.00	ANNUAL	ALL	00000005
463416.52000	3769482.46000	0.00108	329.00	329.00	0.00	ANNUAL	ALL	00000005
463281.78000	3769519.98000	0.00025	330.12	330.12	0.00	ANNUAL	ALL	00000005
463221.32000	3769495.02000	0.00021	330.18	330.18	0.00	ANNUAL	ALL	00000005
463160.85000	3769470.06000	0.00020	329.66	329.66	0.00	ANNUAL	ALL	00000005
463087.77000	3769414.94000	0.00019	328.00	328.00	0.00	ANNUAL	ALL	00000005
463062.52000	3769354.60000	0.00023	328.00	328.00	0.00	ANNUAL	ALL	00000005
463037.26000	3769294.25000	0.00034	327.00	327.00	0.00	ANNUAL	ALL	00000005
463346.85000	3769532.46000	0.00036	330.54	330.54	0.00	ANNUAL	ALL	00000005
463416.52000	3769532.46000	0.00113	331.02	331.02	0.00	ANNUAL	ALL	00000005
463281.15000	3769569.72000	0.00020	331.78	331.78	0.00	ANNUAL	ALL	00000005
463219.43000	3769544.24000	0.00018	330.98	330.98	0.00	ANNUAL	ALL	00000005
463157.71000	3769518.76000	0.00016	330.08	330.08	0.00	ANNUAL	ALL	00000005
463095.98000	3769493.29000	0.00015	329.05	329.05	0.00	ANNUAL	ALL	00000005
463052.23000	3769449.75000	0.00015	328.83	328.83	0.00	ANNUAL	ALL	00000005
463026.46000	3769388.15000	0.00018	328.08	328.08	0.00	ANNUAL	ALL	00000005
463000.68000	3769326.55000	0.00022	327.67	327.67	0.00	ANNUAL	ALL	00000005
462974.90000	3769264.96000	0.00043	327.00	327.00	0.00	ANNUAL	ALL	00000005
463346.85000	3769582.46000	0.00028	332.20	332.20	0.00	ANNUAL	ALL	00000005
463416.52000	3769582.46000	0.00089	334.10	334.10	0.00	ANNUAL	ALL	00000005
463280.66000	3769619.52000	0.00016	332.64	332.64	0.00	ANNUAL	ALL	00000005
463217.96000	3769593.64000	0.00015	331.88	331.88	0.00	ANNUAL	ALL	00000005
463155.26000	3769567.75000	0.00014	331.00	331.00	0.00	ANNUAL	ALL	00000005
463092.56000	3769541.87000	0.00013	329.87	329.87	0.00	ANNUAL	ALL	00000005
463016.76000	3769484.70000	0.00013	329.00	329.00	0.00	ANNUAL	ALL	00000005
462990.57000	3769422.12000	0.00014	329.00	329.00	0.00	ANNUAL	ALL	00000005
462964.39000	3769359.55000	0.00016	328.14	328.14	0.00	ANNUAL	ALL	00000005
462938.20000	3769296.97000	0.00020	328.00	328.00	0.00	ANNUAL	ALL	00000005
463346.85000	3769632.46000	0.00021	333.00	333.00	0.00	ANNUAL	ALL	00000005
463416.52000	3769632.46000	0.00052	334.90	334.90	0.00	ANNUAL	ALL	00000005
463280.27000	3769669.36000	0.00013	334.00	334.00	0.00	ANNUAL	ALL	00000005
463216.78000	3769643.15000	0.00012	333.23	333.23	0.00	ANNUAL	ALL	00000005
463153.30000	3769616.94000	0.00011	332.35	332.35	0.00	ANNUAL	ALL	00000005
463089.81000	3769590.74000	0.00011	331.48	331.48	0.00	ANNUAL	ALL	00000005
463026.33000	3769564.53000	0.00010	330.61	330.61	0.00	ANNUAL	ALL	00000005
462981.33000	3769519.75000	0.00010	330.00	330.00	0.00	ANNUAL	ALL	00000005



462954.81000	3769456.39000	0.00011	329.50	329.50	0.00	ANNUAL	ALL	00000005
462928.30000	3769393.04000	0.00013	329.00	329.00	0.00	ANNUAL	ALL	00000005
462901.79000	3769329.68000	0.00014	328.78	328.78	0.00	ANNUAL	ALL	00000005
462875.27000	3769266.32000	0.00015	327.71	327.71	0.00	ANNUAL	ALL	00000005
463346.85000	3769682.46000	0.00015	334.00	334.00	0.00	ANNUAL	ALL	00000005
463416.52000	3769682.46000	0.00021	335.00	335.00	0.00	ANNUAL	ALL	00000005
463279.95000	3769719.22000	0.00010	334.76	334.76	0.00	ANNUAL	ALL	00000005
463215.82000	3769692.75000	0.00010	334.00	334.00	0.00	ANNUAL	ALL	00000005
463151.69000	3769666.28000	0.00009	334.00	334.00	0.00	ANNUAL	ALL	00000005
463087.57000	3769639.81000	0.00009	333.12	333.12	0.00	ANNUAL	ALL	00000005
463023.44000	3769613.34000	0.00009	331.84	331.84	0.00	ANNUAL	ALL	00000005
462945.92000	3769554.87000	0.00009	330.85	330.85	0.00	ANNUAL	ALL	00000005
462919.14000	3769490.87000	0.00010	330.10	330.10	0.00	ANNUAL	ALL	00000005
462892.36000	3769426.88000	0.00010	330.00	330.00	0.00	ANNUAL	ALL	00000005
462865.58000	3769362.88000	0.00011	329.00	329.00	0.00	ANNUAL	ALL	00000005
462838.80000	3769298.88000	0.00011	328.27	328.27	0.00	ANNUAL	ALL	00000005
463346.85000	3769732.46000	0.00011	335.20	335.20	0.00	ANNUAL	ALL	00000005
463416.52000	3769732.46000	0.00012	338.28	341.00	0.00	ANNUAL	ALL	00000005
463466.52000	3769232.46000	0.00162	325.00	325.00	0.00	ANNUAL	ALL	00000005
463466.52000	3769183.08000	0.00152	324.94	324.94	0.00	ANNUAL	ALL	00000005
463466.52000	3769133.70000	0.00113	324.11	324.11	0.00	ANNUAL	ALL	00000005
463501.88000	3769267.82000	0.00123	325.19	325.19	0.00	ANNUAL	ALL	00000005
463516.52000	3769183.08000	0.00098	324.69	324.69	0.00	ANNUAL	ALL	00000005
463516.52000	3769133.70000	0.00070	324.00	324.00	0.00	ANNUAL	ALL	00000005
463551.88000	3769267.82000	0.00097	325.00	325.00	0.00	ANNUAL	ALL	00000005
463487.23000	3769353.17000	0.00084	326.56	326.56	0.00	ANNUAL	ALL	00000005
463566.52000	3769183.08000	0.00073	324.00	324.00	0.00	ANNUAL	ALL	00000005
463566.52000	3769133.70000	0.00052	324.00	324.00	0.00	ANNUAL	ALL	00000005
463601.88000	3769267.82000	0.00080	324.72	324.72	0.00	ANNUAL	ALL	00000005
463572.59000	3769338.53000	0.00060	325.91	325.91	0.00	ANNUAL	ALL	00000005
463522.59000	3769388.53000	0.00060	327.00	327.00	0.00	ANNUAL	ALL	00000005
463616.52000	3769183.08000	0.00060	323.39	323.39	0.00	ANNUAL	ALL	00000005
463616.52000	3769133.70000	0.00041	323.00	323.00	0.00	ANNUAL	ALL	00000005
463648.21000	3769276.65000	0.00063	324.39	324.39	0.00	ANNUAL	ALL	00000005
463629.91000	3769320.85000	0.00052	325.00	325.00	0.00	ANNUAL	ALL	00000005
463611.60000	3769365.04000	0.00048	325.96	325.96	0.00	ANNUAL	ALL	00000005
463549.10000	3769427.54000	0.00047	327.70	327.70	0.00	ANNUAL	ALL	00000005
463504.91000	3769445.85000	0.00055	328.00	328.00	0.00	ANNUAL	ALL	00000005
463460.71000	3769464.15000	0.00087	328.73	328.73	0.00	ANNUAL	ALL	00000005

463666.52000	3769232.46000	0.00085	323.89	323.89	0.00	ANNUAL	ALL	00000005
463666.52000	3769183.08000	0.00052	323.00	323.00	0.00	ANNUAL	ALL	00000005
463666.52000	3769133.70000	0.00035	322.83	322.83	0.00	ANNUAL	ALL	00000005
463698.95000	3769274.89000	0.00056	324.00	324.00	0.00	ANNUAL	ALL	00000005
463681.37000	3769317.31000	0.00045	324.54	324.54	0.00	ANNUAL	ALL	00000005
463663.80000	3769359.74000	0.00041	325.00	325.00	0.00	ANNUAL	ALL	00000005
463646.23000	3769402.17000	0.00038	326.09	326.09	0.00	ANNUAL	ALL	00000005
463586.23000	3769462.17000	0.00037	328.09	328.09	0.00	ANNUAL	ALL	00000005
463543.80000	3769479.74000	0.00041	328.78	328.78	0.00	ANNUAL	ALL	00000005
463501.37000	3769497.31000	0.00052	329.10	329.10	0.00	ANNUAL	ALL	00000005
463458.95000	3769514.89000	0.00099	329.95	329.95	0.00	ANNUAL	ALL	00000005
463716.52000	3769232.46000	0.00076	323.54	323.54	0.00	ANNUAL	ALL	00000005
463716.52000	3769183.08000	0.00047	322.90	322.90	0.00	ANNUAL	ALL	00000005
463716.52000	3769133.70000	0.00030	322.03	322.03	0.00	ANNUAL	ALL	00000005
463749.43000	3769273.71000	0.00049	323.01	323.01	0.00	ANNUAL	ALL	00000005
463715.26000	3769356.20000	0.00035	324.71	324.71	0.00	ANNUAL	ALL	00000005
463681.09000	3769438.70000	0.00031	326.41	326.41	0.00	ANNUAL	ALL	00000005
463622.76000	3769497.03000	0.00030	328.08	328.08	0.00	ANNUAL	ALL	00000005
463540.26000	3769531.20000	0.00037	329.98	329.98	0.00	ANNUAL	ALL	00000005
463766.52000	3769183.08000	0.00041	322.39	322.39	0.00	ANNUAL	ALL	00000005
463766.52000	3769133.70000	0.00025	321.58	321.58	0.00	ANNUAL	ALL	00000005
463799.78000	3769272.87000	0.00042	322.92	322.92	0.00	ANNUAL	ALL	00000005
463766.31000	3769353.68000	0.00030	323.77	323.77	0.00	ANNUAL	ALL	00000005
463732.84000	3769434.49000	0.00027	325.56	325.56	0.00	ANNUAL	ALL	00000005
463658.96000	3769532.04000	0.00025	328.01	328.01	0.00	ANNUAL	ALL	00000005
463578.14000	3769565.51000	0.00028	330.36	330.36	0.00	ANNUAL	ALL	00000005
463497.33000	3769598.99000	0.00050	334.02	334.02	0.00	ANNUAL	ALL	00000005
463816.52000	3769183.08000	0.00032	321.98	321.98	0.00	ANNUAL	ALL	00000005
463816.52000	3769133.70000	0.00020	321.19	321.19	0.00	ANNUAL	ALL	00000005
463847.69000	3769277.92000	0.00031	322.00	322.00	0.00	ANNUAL	ALL	00000005
463828.86000	3769323.37000	0.00027	322.72	322.72	0.00	ANNUAL	ALL	00000005
463810.03000	3769368.83000	0.00025	323.08	323.08	0.00	ANNUAL	ALL	00000005
463791.20000	3769414.29000	0.00024	324.37	324.37	0.00	ANNUAL	ALL	00000005
463772.38000	3769459.74000	0.00023	325.11	325.11	0.00	ANNUAL	ALL	00000005
463753.55000	3769505.20000	0.00022	326.55	326.55	0.00	ANNUAL	ALL	00000005
463689.26000	3769569.49000	0.00021	328.77	328.77	0.00	ANNUAL	ALL	00000005
463643.80000	3769588.32000	0.00022	329.40	329.40	0.00	ANNUAL	ALL	00000005
463598.35000	3769607.14000	0.00023	331.00	331.00	0.00	ANNUAL	ALL	00000005
463552.89000	3769625.97000	0.00027	332.69	332.69	0.00	ANNUAL	ALL	00000005

463507.43000	3769644.80000	0.00034	334.07	334.07	0.00	ANNUAL	ALL	00000005
463461.98000	3769663.63000	0.00036	335.00	335.00	0.00	ANNUAL	ALL	00000005
463866.52000	3769232.46000	0.00028	321.59	321.59	0.00	ANNUAL	ALL	00000005
463866.52000	3769183.08000	0.00020	321.09	321.09	0.00	ANNUAL	ALL	00000005
463866.52000	3769133.70000	0.00016	321.00	321.00	0.00	ANNUAL	ALL	00000005
463898.21000	3769276.65000	0.00022	322.00	322.00	0.00	ANNUAL	ALL	00000005
463879.91000	3769320.85000	0.00022	322.00	322.00	0.00	ANNUAL	ALL	00000005
463861.60000	3769365.04000	0.00022	322.97	322.97	0.00	ANNUAL	ALL	00000005
463843.30000	3769409.24000	0.00021	323.43	323.43	0.00	ANNUAL	ALL	00000005
463824.99000	3769453.43000	0.00021	324.90	324.90	0.00	ANNUAL	ALL	00000005
463806.69000	3769497.63000	0.00020	325.44	325.44	0.00	ANNUAL	ALL	00000005
463788.38000	3769541.82000	0.00019	326.85	326.85	0.00	ANNUAL	ALL	00000005
463725.88000	3769604.32000	0.00018	328.74	328.74	0.00	ANNUAL	ALL	00000005
463681.69000	3769622.63000	0.00018	329.27	329.27	0.00	ANNUAL	ALL	00000005
463637.49000	3769640.93000	0.00019	330.74	330.74	0.00	ANNUAL	ALL	00000005
463593.30000	3769659.24000	0.00020	332.02	332.02	0.00	ANNUAL	ALL	00000005
463549.10000	3769677.54000	0.00020	333.80	333.80	0.00	ANNUAL	ALL	00000005
463504.91000	3769695.85000	0.00019	334.99	342.00	0.00	ANNUAL	ALL	00000005
463460.71000	3769714.15000	0.00015	337.00	342.00	0.00	ANNUAL	ALL	00000005
463916.52000	3769232.46000	0.00018	321.00	321.00	0.00	ANNUAL	ALL	00000005
463916.52000	3769183.08000	0.00015	320.94	320.94	0.00	ANNUAL	ALL	00000005
463916.52000	3769133.70000	0.00013	320.11	320.11	0.00	ANNUAL	ALL	00000005
463434.28000	3769091.04000	0.00127	324.00	324.00	0.00	ANNUAL	ALL	00000005
463381.64000	3769083.62000	0.00157	324.00	324.00	0.00	ANNUAL	ALL	00000005
463311.64000	3769083.46000	0.00142	323.23	323.23	0.00	ANNUAL	ALL	00000005
463440.27000	3769043.49000	0.00100	324.00	324.00	0.00	ANNUAL	ALL	00000005
463497.05000	3769086.61000	0.00063	324.00	324.00	0.00	ANNUAL	ALL	00000005
463381.75000	3769033.62000	0.00093	323.98	323.98	0.00	ANNUAL	ALL	00000005
463311.76000	3769033.46000	0.00079	323.00	323.00	0.00	ANNUAL	ALL	00000005
463443.32000	3768994.71000	0.00080	323.61	323.61	0.00	ANNUAL	ALL	00000005
463496.25000	3769016.74000	0.00048	324.00	324.00	0.00	ANNUAL	ALL	00000005
463533.66000	3769054.24000	0.00043	324.00	324.00	0.00	ANNUAL	ALL	00000005
463381.87000	3768983.62000	0.00071	323.18	323.18	0.00	ANNUAL	ALL	00000005
463311.87000	3768983.46000	0.00054	323.00	323.00	0.00	ANNUAL	ALL	00000005
463445.20000	3768945.45000	0.00069	323.00	323.00	0.00	ANNUAL	ALL	00000005
463501.65000	3768968.94000	0.00040	323.00	323.00	0.00	ANNUAL	ALL	00000005
463569.79000	3769020.69000	0.00032	323.00	323.00	0.00	ANNUAL	ALL	00000005
463593.15000	3769077.20000	0.00035	323.08	323.08	0.00	ANNUAL	ALL	00000005
463381.98000	3768933.62000	0.00060	322.58	322.58	0.00	ANNUAL	ALL	00000005

463311.99000	3768933.46000	0.00041	322.23	322.23	0.00	ANNUAL	ALL	00000005
463446.49000	3768895.94000	0.00061	322.32	322.32	0.00	ANNUAL	ALL	00000005
463505.30000	3768920.41000	0.00034	322.26	322.26	0.00	ANNUAL	ALL	00000005
463564.10000	3768944.89000	0.00027	322.95	322.95	0.00	ANNUAL	ALL	00000005
463605.67000	3768986.55000	0.00025	322.27	322.27	0.00	ANNUAL	ALL	00000005
463630.01000	3769045.41000	0.00027	322.30	322.30	0.00	ANNUAL	ALL	00000005
463382.09000	3768883.62000	0.00052	321.91	321.91	0.00	ANNUAL	ALL	00000005
463312.10000	3768883.46000	0.00033	321.90	321.90	0.00	ANNUAL	ALL	00000005
463447.45000	3768846.29000	0.00054	321.00	321.00	0.00	ANNUAL	ALL	00000005
463507.93000	3768871.46000	0.00029	321.50	321.50	0.00	ANNUAL	ALL	00000005
463568.41000	3768896.64000	0.00023	322.00	322.00	0.00	ANNUAL	ALL	00000005
463641.41000	3768952.08000	0.00020	321.68	321.68	0.00	ANNUAL	ALL	00000005
463666.45000	3769012.62000	0.00021	321.82	321.82	0.00	ANNUAL	ALL	00000005
463691.48000	3769073.16000	0.00024	321.95	321.95	0.00	ANNUAL	ALL	00000005
463382.21000	3768833.62000	0.00047	321.00	321.00	0.00	ANNUAL	ALL	00000005
463312.22000	3768833.46000	0.00027	321.00	321.00	0.00	ANNUAL	ALL	00000005
463448.19000	3768796.55000	0.00046	320.01	320.01	0.00	ANNUAL	ALL	00000005
463509.93000	3768822.25000	0.00024	320.86	320.86	0.00	ANNUAL	ALL	00000005
463571.68000	3768847.95000	0.00019	320.72	320.72	0.00	ANNUAL	ALL	00000005
463633.42000	3768873.65000	0.00016	320.50	320.50	0.00	ANNUAL	ALL	00000005
463677.07000	3768917.40000	0.00016	320.44	320.44	0.00	ANNUAL	ALL	00000005
463702.63000	3768979.20000	0.00017	321.00	321.00	0.00	ANNUAL	ALL	00000005
463728.18000	3769041.00000	0.00019	321.00	321.00	0.00	ANNUAL	ALL	00000005
463382.32000	3768783.62000	0.00039	319.58	319.58	0.00	ANNUAL	ALL	00000005
463312.33000	3768783.46000	0.00022	319.57	319.57	0.00	ANNUAL	ALL	00000005
463448.80000	3768746.75000	0.00026	318.37	318.37	0.00	ANNUAL	ALL	00000005
463511.52000	3768772.86000	0.00019	319.22	319.22	0.00	ANNUAL	ALL	00000005
463574.24000	3768798.97000	0.00016	319.86	319.86	0.00	ANNUAL	ALL	00000005
463636.96000	3768825.07000	0.00014	319.72	319.72	0.00	ANNUAL	ALL	00000005
463712.67000	3768882.57000	0.00013	319.23	319.23	0.00	ANNUAL	ALL	00000005
463738.63000	3768945.35000	0.00014	319.98	319.98	0.00	ANNUAL	ALL	00000005
463764.59000	3769008.14000	0.00015	320.53	320.53	0.00	ANNUAL	ALL	00000005
463790.56000	3769070.92000	0.00017	321.00	321.00	0.00	ANNUAL	ALL	00000005
463382.44000	3768733.62000	0.00024	318.69	318.69	0.00	ANNUAL	ALL	00000005
463312.44000	3768733.46000	0.00018	317.96	317.96	0.00	ANNUAL	ALL	00000005
463449.30000	3768696.92000	0.00016	318.00	318.00	0.00	ANNUAL	ALL	00000005
463512.81000	3768723.35000	0.00015	319.00	319.00	0.00	ANNUAL	ALL	00000005
463576.32000	3768749.78000	0.00013	319.00	319.00	0.00	ANNUAL	ALL	00000005
463639.82000	3768776.22000	0.00012	318.77	318.77	0.00	ANNUAL	ALL	00000005

463703.33000	3768802.65000	0.00011	318.21	318.21	0.00	ANNUAL	ALL	00000005
463748.23000	3768847.65000	0.00011	318.72	318.72	0.00	ANNUAL	ALL	00000005
463774.51000	3768911.22000	0.00012	319.00	319.00	0.00	ANNUAL	ALL	00000005
463800.80000	3768974.78000	0.00013	319.95	319.95	0.00	ANNUAL	ALL	00000005
463827.09000	3769038.35000	0.00014	320.03	320.03	0.00	ANNUAL	ALL	00000005
463382.55000	3768683.62000	0.00016	317.24	317.24	0.00	ANNUAL	ALL	00000005
463312.56000	3768683.46000	0.00015	317.13	317.13	0.00	ANNUAL	ALL	00000005
463449.74000	3768647.05000	0.00012	318.00	318.00	0.00	ANNUAL	ALL	00000005
463513.89000	3768673.75000	0.00012	318.00	318.00	0.00	ANNUAL	ALL	00000005
463578.03000	3768700.45000	0.00011	318.00	318.00	0.00	ANNUAL	ALL	00000005
463642.18000	3768727.15000	0.00010	318.00	318.00	0.00	ANNUAL	ALL	00000005
463706.33000	3768753.85000	0.00009	317.77	317.77	0.00	ANNUAL	ALL	00000005
463783.75000	3768812.66000	0.00009	317.54	317.54	0.00	ANNUAL	ALL	00000005
463810.31000	3768876.86000	0.00010	318.00	318.00	0.00	ANNUAL	ALL	00000005
463836.86000	3768941.07000	0.00010	319.00	319.00	0.00	ANNUAL	ALL	00000005
463863.41000	3769005.28000	0.00011	319.20	319.20	0.00	ANNUAL	ALL	00000005
463889.97000	3769069.49000	0.00012	319.39	319.39	0.00	ANNUAL	ALL	00000005
463382.67000	3768633.62000	0.00012	317.00	317.00	0.00	ANNUAL	ALL	00000005
463312.67000	3768633.46000	0.00012	317.00	317.00	0.00	ANNUAL	ALL	00000005
463261.53000	3769133.70000	0.00128	324.00	324.00	0.00	ANNUAL	ALL	00000005
463261.77000	3769183.20000	0.00144	324.90	324.90	0.00	ANNUAL	ALL	00000005
463262.01000	3769232.70000	0.00141	325.55	325.55	0.00	ANNUAL	ALL	00000005
463226.13000	3769098.39000	0.00072	323.07	323.07	0.00	ANNUAL	ALL	00000005
463211.77000	3769183.44000	0.00082	324.90	324.90	0.00	ANNUAL	ALL	00000005
463212.01000	3769232.94000	0.00106	325.55	325.55	0.00	ANNUAL	ALL	00000005
463176.13000	3769098.63000	0.00048	323.08	323.08	0.00	ANNUAL	ALL	00000005
463240.84000	3769012.84000	0.00051	322.22	322.22	0.00	ANNUAL	ALL	00000005
463161.77000	3769183.69000	0.00061	324.91	324.91	0.00	ANNUAL	ALL	00000005
463126.13000	3769098.88000	0.00036	323.80	323.80	0.00	ANNUAL	ALL	00000005
463155.33000	3769027.77000	0.00035	322.71	322.71	0.00	ANNUAL	ALL	00000005
463205.44000	3768977.53000	0.00037	322.00	322.00	0.00	ANNUAL	ALL	00000005
463111.77000	3769183.93000	0.00050	324.94	324.94	0.00	ANNUAL	ALL	00000005
463112.01000	3769233.43000	0.00079	325.68	325.68	0.00	ANNUAL	ALL	00000005
463079.78000	3769090.23000	0.00029	324.00	324.00	0.00	ANNUAL	ALL	00000005
463098.03000	3769045.79000	0.00028	323.23	323.23	0.00	ANNUAL	ALL	00000005
463116.28000	3769001.35000	0.00027	322.83	322.83	0.00	ANNUAL	ALL	00000005
463178.92000	3768938.55000	0.00029	321.74	321.74	0.00	ANNUAL	ALL	00000005
463223.31000	3768920.19000	0.00031	321.53	321.53	0.00	ANNUAL	ALL	00000005
463267.71000	3768901.82000	0.00032	321.97	321.97	0.00	ANNUAL	ALL	00000005

463061.53000	3769134.67000	0.00031	324.95	324.95	0.00	ANNUAL	ALL	00000005
463061.77000	3769184.17000	0.00043	325.00	325.00	0.00	ANNUAL	ALL	00000005
463029.05000	3769092.25000	0.00024	324.00	324.00	0.00	ANNUAL	ALL	00000005
463046.57000	3769049.59000	0.00023	323.44	323.44	0.00	ANNUAL	ALL	00000005
463064.09000	3769006.93000	0.00022	323.00	323.00	0.00	ANNUAL	ALL	00000005
463081.61000	3768964.26000	0.00022	322.16	322.16	0.00	ANNUAL	ALL	00000005
463141.74000	3768903.97000	0.00023	321.00	321.00	0.00	ANNUAL	ALL	00000005
463184.36000	3768886.34000	0.00025	321.00	321.00	0.00	ANNUAL	ALL	00000005
463226.98000	3768868.72000	0.00026	321.00	321.00	0.00	ANNUAL	ALL	00000005
463269.60000	3768851.09000	0.00026	320.82	320.82	0.00	ANNUAL	ALL	00000005
463011.53000	3769134.91000	0.00026	325.00	325.00	0.00	ANNUAL	ALL	00000005
463011.77000	3769184.41000	0.00037	325.94	325.94	0.00	ANNUAL	ALL	00000005
463012.01000	3769233.91000	0.00065	326.34	326.34	0.00	ANNUAL	ALL	00000005
462978.57000	3769093.68000	0.00020	324.64	324.64	0.00	ANNUAL	ALL	00000005
463012.63000	3769010.72000	0.00019	323.08	323.08	0.00	ANNUAL	ALL	00000005
463046.69000	3768927.77000	0.00018	322.00	322.00	0.00	ANNUAL	ALL	00000005
463105.16000	3768869.15000	0.00019	321.00	321.00	0.00	ANNUAL	ALL	00000005
463188.03000	3768834.88000	0.00021	320.28	320.28	0.00	ANNUAL	ALL	00000005
462961.77000	3769184.66000	0.00031	326.00	326.00	0.00	ANNUAL	ALL	00000005
462928.22000	3769094.77000	0.00016	324.97	324.97	0.00	ANNUAL	ALL	00000005
462961.59000	3769013.51000	0.00016	323.44	323.44	0.00	ANNUAL	ALL	00000005
462994.96000	3768932.24000	0.00015	322.08	322.08	0.00	ANNUAL	ALL	00000005
463068.91000	3768834.19000	0.00016	321.00	321.00	0.00	ANNUAL	ALL	00000005
463150.09000	3768800.61000	0.00017	320.14	320.14	0.00	ANNUAL	ALL	00000005
463231.27000	3768767.04000	0.00018	319.02	319.02	0.00	ANNUAL	ALL	00000005
462911.77000	3769184.90000	0.00021	326.00	326.00	0.00	ANNUAL	ALL	00000005
462912.01000	3769234.40000	0.00030	327.00	327.00	0.00	ANNUAL	ALL	00000005
462880.31000	3769089.93000	0.00013	325.00	325.00	0.00	ANNUAL	ALL	00000005
462899.08000	3769044.22000	0.00013	324.26	324.26	0.00	ANNUAL	ALL	00000005
462917.84000	3768998.51000	0.00013	323.74	323.74	0.00	ANNUAL	ALL	00000005
462936.61000	3768952.80000	0.00013	323.00	323.00	0.00	ANNUAL	ALL	00000005
462955.38000	3768907.09000	0.00013	322.00	322.00	0.00	ANNUAL	ALL	00000005
462974.15000	3768861.38000	0.00013	321.87	321.87	0.00	ANNUAL	ALL	00000005
463038.59000	3768796.78000	0.00013	320.71	320.71	0.00	ANNUAL	ALL	00000005
463084.25000	3768777.90000	0.00014	320.00	320.00	0.00	ANNUAL	ALL	00000005
463129.91000	3768759.01000	0.00015	319.76	319.76	0.00	ANNUAL	ALL	00000005
463175.57000	3768740.12000	0.00015	319.02	319.02	0.00	ANNUAL	ALL	00000005
463221.23000	3768721.24000	0.00015	318.81	318.81	0.00	ANNUAL	ALL	00000005
463266.90000	3768702.35000	0.00015	318.00	318.00	0.00	ANNUAL	ALL	00000005

462861.54000	3769135.64000	0.00013	326.00	326.00	0.00	ANNUAL	ALL	00000005
462861.78000	3769185.14000	0.00014	326.57	326.57	0.00	ANNUAL	ALL	00000005
462829.78000	3769091.44000	0.00011	325.00	325.00	0.00	ANNUAL	ALL	00000005
462848.03000	3769047.00000	0.00011	324.39	324.39	0.00	ANNUAL	ALL	00000005
462866.28000	3769002.56000	0.00011	324.00	324.00	0.00	ANNUAL	ALL	00000005
462884.53000	3768958.12000	0.00011	323.33	323.33	0.00	ANNUAL	ALL	00000005
462902.78000	3768913.68000	0.00011	322.93	322.93	0.00	ANNUAL	ALL	00000005
462921.03000	3768869.24000	0.00011	322.00	322.00	0.00	ANNUAL	ALL	00000005
462939.28000	3768824.80000	0.00011	321.01	321.01	0.00	ANNUAL	ALL	00000005
463001.92000	3768762.00000	0.00011	320.00	320.00	0.00	ANNUAL	ALL	00000005
463046.31000	3768743.64000	0.00012	320.00	320.00	0.00	ANNUAL	ALL	00000005
463090.70000	3768725.27000	0.00013	319.61	319.61	0.00	ANNUAL	ALL	00000005
463135.10000	3768706.91000	0.00013	319.00	319.00	0.00	ANNUAL	ALL	00000005
463179.49000	3768688.55000	0.00013	318.41	318.41	0.00	ANNUAL	ALL	00000005
463223.89000	3768670.19000	0.00013	318.00	318.00	0.00	ANNUAL	ALL	00000005
463268.28000	3768651.82000	0.00013	317.22	317.22	0.00	ANNUAL	ALL	00000005
462811.54000	3769135.88000	0.00011	326.00	326.00	0.00	ANNUAL	ALL	00000005
462811.78000	3769185.38000	0.00011	326.97	326.97	0.00	ANNUAL	ALL	00000005
462812.02000	3769234.88000	0.00011	327.62	327.62	0.00	ANNUAL	ALL	00000005
463311.53000	3769133.46000	0.00482	324.00	324.00	0.00	ANNUAL	ALL	00000005
463312.01000	3769232.46000	0.00291	325.54	325.54	0.00	ANNUAL	ALL	00000005
463416.52000	3769232.46000	0.00243	325.54	325.54	0.00	ANNUAL	ALL	00000005
463416.52000	3769133.70000	0.00280	324.25	324.25	0.00	ANNUAL	ALL	00000005

\*\* CONCUNIT ug/m<sup>3</sup>

\*\* DEPUNIT g/m<sup>2</sup>

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**APPENDIX D**

**AERMOD Model Years 2035-2046 PM10 Cancer Risk Printouts**



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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.3.0
** Lakes Environmental Software Inc.
** Date: 3/16/2017
** File: C:\Vista Env\2017\17014 Bloomington\AERMOD\Cancer35-46\Cancer35-
46.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE SB Co Bloomington Chevron Station
  TITLETWO PM10 Cancer Risk 2035-2046
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2015355 San_Bernardino_County
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL Cancer35-46.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 = CEDARN
** DESCRSRC Cedar Ave North of Slover
** PREFIX
** Length of Side = 14.63
** Configuration = Adjacent
** Emission Rate = 1.13E-06
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 5
** 463416.576, 3769232.511, 325.50, 0.00, 6.80
** 463419.600, 3769481.574, 329.00, 0.00, 6.80
** 463440.514, 3769568.510, 334.18, 0.00, 6.80
** 463443.614, 3769591.758, 335.00, 0.00, 6.80
** 463448.263, 3769646.003, 335.00, 0.00, 6.80
** -----

```

LOCATION	VOLUME				
LOCATION L0000807	VOLUME	463416.664	3769239.825	325.78	
LOCATION L0000808	VOLUME	463416.842	3769254.455	326.00	
LOCATION L0000809	VOLUME	463417.020	3769269.084	326.00	
LOCATION L0000810	VOLUME	463417.197	3769283.713	326.23	
LOCATION L0000811	VOLUME	463417.375	3769298.343	326.68	
LOCATION L0000812	VOLUME	463417.553	3769312.972	326.95	
LOCATION L0000813	VOLUME	463417.730	3769327.601	326.98	
LOCATION L0000814	VOLUME	463417.908	3769342.231	327.00	
LOCATION L0000815	VOLUME	463418.085	3769356.860	327.00	
LOCATION L0000816	VOLUME	463418.263	3769371.489	327.17	
LOCATION L0000817	VOLUME	463418.441	3769386.119	327.66	
LOCATION L0000818	VOLUME	463418.618	3769400.748	328.00	
LOCATION L0000819	VOLUME	463418.796	3769415.377	328.00	
LOCATION L0000820	VOLUME	463418.974	3769430.007	328.12	
LOCATION L0000821	VOLUME	463419.151	3769444.636	328.61	
LOCATION L0000822	VOLUME	463419.329	3769459.265	329.00	
LOCATION L0000823	VOLUME	463419.507	3769473.895	329.00	
LOCATION L0000824	VOLUME	463421.225	3769488.332	329.07	
LOCATION L0000825	VOLUME	463424.647	3769502.556	329.54	
LOCATION L0000826	VOLUME	463428.069	3769516.781	330.03	
LOCATION L0000827	VOLUME	463431.491	3769531.005	330.98	
LOCATION L0000828	VOLUME	463434.913	3769545.230	331.93	
LOCATION L0000829	VOLUME	463438.335	3769559.455	333.15	
LOCATION L0000830	VOLUME	463441.217	3769573.780	334.49	
LOCATION L0000831	VOLUME	463443.150	3769588.282	334.87	
LOCATION L0000832	VOLUME	463444.564	3769602.841	334.98	
LOCATION L0000833	VOLUME	463445.813	3769617.418	335.00	
LOCATION L0000834	VOLUME	463447.063	3769631.995	335.00	

\*\* End of LINE VOLUME Source ID = CEDARN

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = CEDARS

\*\* DESCRSRC Cedar Ave South of Slover Ave

\*\* PREFIX

\*\* Length of Side = .17.07

\*\* Configuration = Adjacent

\*\* Emission Rate = 6.61E-07

\*\* Vertical Dimension = 6.00

\*\* SZINIT = 2.79

\*\* Nodes = 2

\*\* 463416.614, 3769232.723, 325.52, 0.00, 7.94

\*\* 463416.838, 3768746.493, 318.89, 0.00, 7.94

\*\* -----

LOCATION L0000835	VOLUME	463416.617	3769224.189	325.26	
LOCATION L0000836	VOLUME	463416.625	3769207.120	325.00	
LOCATION L0000837	VOLUME	463416.633	3769190.051	325.00	
LOCATION L0000838	VOLUME	463416.641	3769172.982	325.00	
LOCATION L0000839	VOLUME	463416.649	3769155.913	324.99	
LOCATION L0000840	VOLUME	463416.657	3769138.845	324.42	
LOCATION L0000841	VOLUME	463416.665	3769121.776	324.00	
LOCATION L0000842	VOLUME	463416.673	3769104.707	324.00	
LOCATION L0000843	VOLUME	463416.680	3769087.638	324.00	
LOCATION L0000844	VOLUME	463416.688	3769070.569	324.00	
LOCATION L0000845	VOLUME	463416.696	3769053.501	324.00	

LOCATION L0000846	VOLUME	463416.704	3769036.432	324.00
LOCATION L0000847	VOLUME	463416.712	3769019.363	324.00
LOCATION L0000848	VOLUME	463416.720	3769002.294	323.86
LOCATION L0000849	VOLUME	463416.728	3768985.225	323.30
LOCATION L0000850	VOLUME	463416.735	3768968.157	323.00
LOCATION L0000851	VOLUME	463416.743	3768951.088	323.00
LOCATION L0000852	VOLUME	463416.751	3768934.019	322.96
LOCATION L0000853	VOLUME	463416.759	3768916.950	322.91
LOCATION L0000854	VOLUME	463416.767	3768899.881	322.41
LOCATION L0000855	VOLUME	463416.775	3768882.813	321.88
LOCATION L0000856	VOLUME	463416.783	3768865.744	321.31
LOCATION L0000857	VOLUME	463416.791	3768848.675	321.00
LOCATION L0000858	VOLUME	463416.798	3768831.606	321.00
LOCATION L0000859	VOLUME	463416.806	3768814.537	320.61
LOCATION L0000860	VOLUME	463416.814	3768797.469	320.04
LOCATION L0000861	VOLUME	463416.822	3768780.400	319.47
LOCATION L0000862	VOLUME	463416.830	3768763.331	319.00

\*\* End of LINE VOLUME Source ID = CEDARS

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources.

\*\* LINE VOLUME Source ID = SLOVERW

\*\* DESCRSRC Slover Ave West of Cedar Ave

\*\* PREFIX

\*\* Length of Side = 14.33

\*\* Configuration = Adjacent

\*\* Emission Rate = 6.56E-07

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 2

\*\* 463416.076, 3769233.402, 325.56, 0.00, 6.66

\*\* 462933.718, 3769232.564, 327.00, 0.00, 6.66

\*\* -----

LOCATION L0000863	VOLUME	463408.913	3769233.390	325.57
LOCATION L0000864	VOLUME	463394.588	3769233.365	325.57
LOCATION L0000865	VOLUME	463380.262	3769233.340	325.57
LOCATION L0000866	VOLUME	463365.936	3769233.315	325.57
LOCATION L0000867	VOLUME	463351.611	3769233.290	325.56
LOCATION L0000868	VOLUME	463337.285	3769233.265	325.56
LOCATION L0000869	VOLUME	463322.960	3769233.240	325.56
LOCATION L0000870	VOLUME	463308.634	3769233.215	325.56
LOCATION L0000871	VOLUME	463294.308	3769233.191	325.56
LOCATION L0000872	VOLUME	463279.983	3769233.166	325.56
LOCATION L0000873	VOLUME	463265.657	3769233.141	325.56
LOCATION L0000874	VOLUME	463251.332	3769233.116	325.56
LOCATION L0000875	VOLUME	463237.006	3769233.091	325.56
LOCATION L0000876	VOLUME	463222.681	3769233.066	325.56
LOCATION L0000877	VOLUME	463208.355	3769233.041	325.56
LOCATION L0000878	VOLUME	463194.029	3769233.016	325.56
LOCATION L0000879	VOLUME	463179.704	3769232.992	325.55
LOCATION L0000880	VOLUME	463165.378	3769232.967	325.55
LOCATION L0000881	VOLUME	463151.053	3769232.942	325.55
LOCATION L0000882	VOLUME	463136.727	3769232.917	325.55
LOCATION L0000883	VOLUME	463122.402	3769232.892	325.55
LOCATION L0000884	VOLUME	463108.076	3769232.867	325.72

LOCATION L0000885	VOLUME	463093.750	3769232.842	325.94
LOCATION L0000886	VOLUME	463079.425	3769232.817	326.00
LOCATION L0000887	VOLUME	463065.099	3769232.792	326.00
LOCATION L0000888	VOLUME	463050.774	3769232.768	326.00
LOCATION L0000889	VOLUME	463036.448	3769232.743	326.00
LOCATION L0000890	VOLUME	463022.122	3769232.718	326.14
LOCATION L0000891	VOLUME	463007.797	3769232.693	326.40
LOCATION L0000892	VOLUME	462993.471	3769232.668	326.54
LOCATION L0000893	VOLUME	462979.146	3769232.643	326.54
LOCATION L0000894	VOLUME	462964.820	3769232.618	326.62
LOCATION L0000895	VOLUME	462950.495	3769232.593	326.83
LOCATION L0000896	VOLUME	462936.169	3769232.569	327.00

\*\* End of LINE VOLUME Source ID = SLOVERW

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLOVERE

\*\* DESCRSRC Slover Ave East of Cedar Ave

\*\* PREFIX

\*\* Length of Side = 14.33

\*\* Configuration = Adjacent

\*\* Emission Rate = 5.69E-07

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 463417.282, 3769232.992, 325.53, 0.00, 6.66

\*\* 463814.406, 3769226.201, 322.06, 0.00, 6.66

\*\* 463826.208, 3769233.464, 322.06, 0.00, 6.66

\*\* 463833.168, 3769233.464, 322.00, 0.00, 6.66

\*\*

LOCATION L0000897	VOLUME	463424.444	3769232.869	325.46
LOCATION L0000898	VOLUME	463438.768	3769232.624	325.20
LOCATION L0000899	VOLUME	463453.091	3769232.380	325.00
LOCATION L0000900	VOLUME	463467.415	3769232.135	325.00
LOCATION L0000901	VOLUME	463481.738	3769231.890	325.00
LOCATION L0000902	VOLUME	463496.062	3769231.645	325.00
LOCATION L0000903	VOLUME	463510.385	3769231.400	325.00
LOCATION L0000904	VOLUME	463524.709	3769231.155	325.00
LOCATION L0000905	VOLUME	463539.032	3769230.910	325.00
LOCATION L0000906	VOLUME	463553.356	3769230.665	324.76
LOCATION L0000907	VOLUME	463567.679	3769230.420	324.50
LOCATION L0000908	VOLUME	463582.003	3769230.175	324.27
LOCATION L0000909	VOLUME	463596.326	3769229.930	324.05
LOCATION L0000910	VOLUME	463610.650	3769229.685	324.00
LOCATION L0000911	VOLUME	463624.973	3769229.440	324.00
LOCATION L0000912	VOLUME	463639.297	3769229.196	324.00
LOCATION L0000913	VOLUME	463653.620	3769228.951	324.00
LOCATION L0000914	VOLUME	463667.944	3769228.706	323.84
LOCATION L0000915	VOLUME	463682.267	3769228.461	323.55
LOCATION L0000916	VOLUME	463696.591	3769228.216	323.40
LOCATION L0000917	VOLUME	463710.914	3769227.971	323.39
LOCATION L0000918	VOLUME	463725.238	3769227.726	323.31
LOCATION L0000919	VOLUME	463739.561	3769227.481	323.12
LOCATION L0000920	VOLUME	463753.885	3769227.236	323.00
LOCATION L0000921	VOLUME	463768.208	3769226.991	323.00

LOCATION L0000922	VOLUME	463782.532	3769226.746	322.90
LOCATION L0000923	VOLUME	463796.855	3769226.501	322.43
LOCATION L0000924	VOLUME	463811.179	3769226.256	322.00
LOCATION L0000925	VOLUME	463823.858	3769232.017	322.00

\*\* End of LINE VOLUME Source ID = SLOVERE

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = ONSITE

\*\* DESCRSRC Onsite Diesel Vehicle Trips

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.45E-06

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 463324.901, 3769220.466, 325.00, 0.00, 1.70

\*\* 463325.174, 3769182.450, 324.93, 0.00, 1.70

\*\* 463325.448, 3769141.973, 324.07, 0.00, 1.70

\*\* 463399.565, 3769141.973, 324.59, 0.00, 1.70

\*\*

LOCATION L0000926	VOLUME	463324.914	3769218.637	325.08
LOCATION L0000927	VOLUME	463324.940	3769214.979	325.00
LOCATION L0000928	VOLUME	463324.967	3769211.322	325.00
LOCATION L0000929	VOLUME	463324.993	3769207.664	325.00
LOCATION L0000930	VOLUME	463325.019	3769204.007	325.00
LOCATION L0000931	VOLUME	463325.046	3769200.349	325.00
LOCATION L0000932	VOLUME	463325.072	3769196.692	325.00
LOCATION L0000933	VOLUME	463325.098	3769193.034	325.00
LOCATION L0000934	VOLUME	463325.125	3769189.377	325.00
LOCATION L0000935	VOLUME	463325.151	3769185.719	324.98
LOCATION L0000936	VOLUME	463325.177	3769182.062	324.86
LOCATION L0000937	VOLUME	463325.202	3769178.404	324.74
LOCATION L0000938	VOLUME	463325.226	3769174.747	324.61
LOCATION L0000939	VOLUME	463325.251	3769171.089	324.49
LOCATION L0000940	VOLUME	463325.276	3769167.432	324.37
LOCATION L0000941	VOLUME	463325.301	3769163.774	324.25
LOCATION L0000942	VOLUME	463325.325	3769160.117	324.13
LOCATION L0000943	VOLUME	463325.350	3769156.459	324.00
LOCATION L0000944	VOLUME	463325.375	3769152.802	324.00
LOCATION L0000945	VOLUME	463325.399	3769149.144	324.00
LOCATION L0000946	VOLUME	463325.424	3769145.487	324.00
LOCATION L0000947	VOLUME	463325.592	3769141.973	324.00
LOCATION L0000948	VOLUME	463329.249	3769141.973	324.00
LOCATION L0000949	VOLUME	463332.907	3769141.973	324.06
LOCATION L0000950	VOLUME	463336.565	3769141.973	324.12
LOCATION L0000951	VOLUME	463340.222	3769141.973	324.18
LOCATION L0000952	VOLUME	463343.880	3769141.973	324.25
LOCATION L0000953	VOLUME	463347.537	3769141.973	324.31
LOCATION L0000954	VOLUME	463351.195	3769141.973	324.37
LOCATION L0000955	VOLUME	463354.853	3769141.973	324.44
LOCATION L0000956	VOLUME	463358.510	3769141.973	324.50
LOCATION L0000957	VOLUME	463362.168	3769141.973	324.52
LOCATION L0000958	VOLUME	463365.825	3769141.973	324.52

LOCATION L0000959	VOLUME	463369.483	3769141.973	324.52
LOCATION L0000960	VOLUME	463373.141	3769141.973	324.52
LOCATION L0000961	VOLUME	463376.798	3769141.973	324.52
LOCATION L0000962	VOLUME	463380.456	3769141.973	324.52
LOCATION L0000963	VOLUME	463384.113	3769141.973	324.52
LOCATION L0000964	VOLUME	463387.771	3769141.973	324.52
LOCATION L0000965	VOLUME	463391.429	3769141.973	324.52
LOCATION L0000966	VOLUME	463395.086	3769141.973	324.52
LOCATION L0000967	VOLUME	463398.744	3769141.973	324.52
** End of LINE VOLUME Source ID = ONSITE				
LOCATION IDLE	POINT	463327.730	3769183.960	324.920
** DESCRSRC Onsite Diesel Vehicle Idling				
LOCATION LOADBREATHE	POINT	463382.490	3769156.350	325.000
** DESCRSRC Combined Gasoline Tanks Loading and Tank Breathing				
LOCATION REFUELSPILL	VOLUME	463382.680	3769179.440	325.000
** DESCRSRC Combined Gasoline Refueling and Spillage				
** Source Parameters **				
** LINE VOLUME Source ID = CEDARN				
SRCPARAM L0000807	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000808	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000809	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000810	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000811	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000812	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000813	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000814	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000815	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000816	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000817	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000818	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000819	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000820	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000821	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000822	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000823	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000824	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000825	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000826	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000827	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000828	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000829	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000830	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000831	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000832	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000833	0.00000004036	0.00	6.80	0.85
SRCPARAM L0000834	0.00000004036	0.00	6.80	0.85
** -----				
** LINE VOLUME Source ID = CEDARS				
SRCPARAM L0000835	0.00000002361	0.00	7.94	2.79
SRCPARAM L0000836	0.00000002361	0.00	7.94	2.79
SRCPARAM L0000837	0.00000002361	0.00	7.94	2.79
SRCPARAM L0000838	0.00000002361	0.00	7.94	2.79
SRCPARAM L0000839	0.00000002361	0.00	7.94	2.79
SRCPARAM L0000840	0.00000002361	0.00	7.94	2.79



SRCPARAM L0000893	0.00000001929	0.00	6.66	0.85
SRCPARAM L0000894	0.00000001929	0.00	6.66	0.85
SRCPARAM L0000895	0.00000001929	0.00	6.66	0.85
SRCPARAM L0000896	0.00000001929	0.00	6.66	0.85

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\*\* LINE VOLUME Source ID = SLOVERE

SRCPARAM L0000897	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000898	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000899	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000900	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000901	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000902	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000903	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000904	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000905	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000906	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000907	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000908	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000909	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000910	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000911	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000912	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000913	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000914	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000915	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000916	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000917	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000918	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000919	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000920	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000921	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000922	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000923	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000924	0.00000001962	0.00	6.66	0.85
SRCPARAM L0000925	0.00000001962	0.00	6.66	0.85

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\*\* LINE VOLUME Source ID = ONSITE

SRCPARAM L0000926	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000927	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000928	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000929	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000930	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000931	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000932	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000933	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000934	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000935	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000936	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000937	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000938	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000939	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000940	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000941	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000942	0.00000003452	0.00	1.70	0.85



SRCPARAM L0000943	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000944	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000945	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000946	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000947	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000948	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000949	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000950	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000951	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000952	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000953	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000954	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000955	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000956	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000957	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000958	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000959	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000960	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000961	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000962	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000963	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000964	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000965	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000966	0.00000003452	0.00	1.70	0.85
SRCPARAM L0000967	0.00000003452	0.00	1.70	0.85

\*\* -----

SRCPARAM IDLE	1.77E-06	3.840	366.000	51.71000
0.100				
SRCPARAM LOADBREATHE	3.51E-09	3.658	294.000	0.00100
0.050				
SRCPARAM REFUELSPILL	1.36E-08	3.658	13.000	5.000
URBANSRC ALL				
SRCGROUP ALL				

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED Cancer35-46.rou

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE ..\font8.sfc

PROFFILE ..\font8.PFL

SURFDATA 0 2008 Fontana 454620.00 3773190.00

UAIRDATA 3190 2008

```
SITEDATA 99999 2008
PROFBASE 367.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL CANCER35-46.AD\AN00GALL.PLT 31
  SUMMFILE Cancer35-46.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

\* AERMOD (16216r): SB Co Bloomington Chevron Station  
 \* AERMET ( 14134):

03/16/17  
 13:13:03

\* MODELING OPTIONS USED: RegDFault CONC ELEV URBAN

\* PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL

\* FOR A TOTAL OF 327 RECEPTORS.

\* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP	NUM YRS	NET ID
463307.00000	3769197.00000	0.00095	325.00	325.00	0.00	ANNUAL	ALL	00000005	
463307.00000	3769166.00000	0.00104	324.32	324.32	0.00	ANNUAL	ALL	00000005	
463304.00000	3769138.00000	0.00073	324.00	324.00	0.00	ANNUAL	ALL	00000005	
463303.00000	3769115.00000	0.00045	323.66	323.66	0.00	ANNUAL	ALL	00000005	
463500.00000	3769135.00000	0.00018	324.00	324.00	0.00	ANNUAL	ALL	00000005	
463500.00000	3769209.00000	0.00033	325.00	325.00	0.00	ANNUAL	ALL	00000005	
463463.00000	3769356.00000	0.00025	326.85	326.85	0.00	ANNUAL	ALL	00000005	
463308.00000	3769258.00000	0.00035	326.00	326.00	0.00	ANNUAL	ALL	00000005	
463273.00000	3769249.00000	0.00037	326.00	326.00	0.00	ANNUAL	ALL	00000005	
463294.38000	3769275.18000	0.00024	326.00	326.00	0.00	ANNUAL	ALL	00000005	
463346.85000	3769282.46000	0.00028	326.20	326.20	0.00	ANNUAL	ALL	00000005	
463416.52000	3769282.46000	0.00048	326.18	326.18	0.00	ANNUAL	ALL	00000005	
463288.50000	3769322.75000	0.00015	327.00	327.00	0.00	ANNUAL	ALL	00000005	
463231.65000	3769279.88000	0.00017	326.12	326.12	0.00	ANNUAL	ALL	00000005	
463346.85000	3769332.46000	0.00019	327.00	327.00	0.00	ANNUAL	ALL	00000005	
463416.52000	3769332.46000	0.00035	326.99	326.99	0.00	ANNUAL	ALL	00000005	
463285.56000	3769371.54000	0.00011	328.00	328.00	0.00	ANNUAL	ALL	00000005	
463232.65000	3769349.70000	0.00010	327.45	327.45	0.00	ANNUAL	ALL	00000005	
463195.15000	3769312.38000	0.00011	327.10	327.10	0.00	ANNUAL	ALL	00000005	
463173.06000	3769259.59000	0.00019	326.00	326.00	0.00	ANNUAL	ALL	00000005	
463346.85000	3769382.46000	0.00015	328.00	328.00	0.00	ANNUAL	ALL	00000005	
463416.52000	3769382.46000	0.00032	327.54	327.54	0.00	ANNUAL	ALL	00000005	
463283.79000	3769420.81000	0.00009	328.43	328.43	0.00	ANNUAL	ALL	00000005	
463227.36000	3769397.52000	0.00008	328.43	328.43	0.00	ANNUAL	ALL	00000005	
463159.15000	3769346.06000	0.00008	327.54	327.54	0.00	ANNUAL	ALL	00000005	
463135.58000	3769289.75000	0.00011	326.71	326.71	0.00	ANNUAL	ALL	00000005	
463346.85000	3769432.46000	0.00013	328.20	328.20	0.00	ANNUAL	ALL	00000005	
463416.52000	3769432.46000	0.00030	328.20	328.20	0.00	ANNUAL	ALL	00000005	
463282.62000	3769470.33000	0.00007	329.47	329.47	0.00	ANNUAL	ALL	00000005	
463223.84000	3769446.06000	0.00006	329.00	329.00	0.00	ANNUAL	ALL	00000005	
463165.05000	3769421.80000	0.00006	329.00	329.00	0.00	ANNUAL	ALL	00000005	

463123.39000	3769380.33000	0.00006	328.06	328.06	0.00	ANNUAL	ALL	00000005
463098.84000	3769321.67000	0.00008	327.35	327.35	0.00	ANNUAL	ALL	00000005
463074.29000	3769263.00000	0.00014	326.56	326.56	0.00	ANNUAL	ALL	00000005
463346.85000	3769482.46000	0.00011	329.00	329.00	0.00	ANNUAL	ALL	00000005
463416.52000	3769482.46000	0.00026	329.00	329.00	0.00	ANNUAL	ALL	00000005
463281.78000	3769519.98000	0.00006	330.12	330.12	0.00	ANNUAL	ALL	00000005
463221.32000	3769495.02000	0.00005	330.18	330.18	0.00	ANNUAL	ALL	00000005
463160.85000	3769470.06000	0.00005	329.66	329.66	0.00	ANNUAL	ALL	00000005
463087.77000	3769414.94000	0.00005	328.00	328.00	0.00	ANNUAL	ALL	00000005
463062.52000	3769354.60000	0.00005	328.00	328.00	0.00	ANNUAL	ALL	00000005
463037.26000	3769294.25000	0.00008	327.00	327.00	0.00	ANNUAL	ALL	00000005
463346.85000	3769532.46000	0.00009	330.54	330.54	0.00	ANNUAL	ALL	00000005
463416.52000	3769532.46000	0.00028	331.02	331.02	0.00	ANNUAL	ALL	00000005
463281.15000	3769569.72000	0.00005	331.78	331.78	0.00	ANNUAL	ALL	00000005
463219.43000	3769544.24000	0.00004	330.98	330.98	0.00	ANNUAL	ALL	00000005
463157.71000	3769518.76000	0.00004	330.08	330.08	0.00	ANNUAL	ALL	00000005
463095.98000	3769493.29000	0.00004	329.05	329.05	0.00	ANNUAL	ALL	00000005
463052.23000	3769449.75000	0.00004	328.83	328.83	0.00	ANNUAL	ALL	00000005
463026.46000	3769388.15000	0.00004	328.08	328.08	0.00	ANNUAL	ALL	00000005
463000.68000	3769326.55000	0.00005	327.67	327.67	0.00	ANNUAL	ALL	00000005
462974.90000	3769264.96000	0.00010	327.00	327.00	0.00	ANNUAL	ALL	00000005
463346.85000	3769582.46000	0.00007	332.20	332.20	0.00	ANNUAL	ALL	00000005
463416.52000	3769582.46000	0.00022	334.10	334.10	0.00	ANNUAL	ALL	00000005
463280.66000	3769619.52000	0.00004	332.64	332.64	0.00	ANNUAL	ALL	00000005
463217.96000	3769593.64000	0.00003	331.88	331.88	0.00	ANNUAL	ALL	00000005
463155.26000	3769567.75000	0.00003	331.00	331.00	0.00	ANNUAL	ALL	00000005
463092.56000	3769541.87000	0.00003	329.87	329.87	0.00	ANNUAL	ALL	00000005
463016.76000	3769484.70000	0.00003	329.00	329.00	0.00	ANNUAL	ALL	00000005
462990.57000	3769422.12000	0.00003	329.00	329.00	0.00	ANNUAL	ALL	00000005
462964.39000	3769359.55000	0.00004	328.14	328.14	0.00	ANNUAL	ALL	00000005
462938.20000	3769296.97000	0.00005	328.00	328.00	0.00	ANNUAL	ALL	00000005
463346.85000	3769632.46000	0.00005	333.00	333.00	0.00	ANNUAL	ALL	00000005
463416.52000	3769632.46000	0.00013	334.90	334.90	0.00	ANNUAL	ALL	00000005
463280.27000	3769669.36000	0.00003	334.00	334.00	0.00	ANNUAL	ALL	00000005
463216.78000	3769643.15000	0.00003	333.23	333.23	0.00	ANNUAL	ALL	00000005
463153.30000	3769616.94000	0.00003	332.35	332.35	0.00	ANNUAL	ALL	00000005
463089.81000	3769590.74000	0.00002	331.48	331.48	0.00	ANNUAL	ALL	00000005
463026.33000	3769564.53000	0.00002	330.61	330.61	0.00	ANNUAL	ALL	00000005
462981.33000	3769519.75000	0.00002	330.00	330.00	0.00	ANNUAL	ALL	00000005

462954.81000	3769456.39000	0.00003	329.50	0.00	ANNUAL	ALL	00000005
462928.30000	3769393.04000	0.00003	329.00	0.00	ANNUAL	ALL	00000005
462901.79000	3769329.68000	0.00003	328.78	0.00	ANNUAL	ALL	00000005
462875.27000	3769266.32000	0.00004	327.71	0.00	ANNUAL	ALL	00000005
463346.85000	3769682.46000	0.00004	334.00	0.00	ANNUAL	ALL	00000005
463416.52000	3769682.46000	0.00005	335.00	0.00	ANNUAL	ALL	00000005
463279.95000	3769719.22000	0.00002	334.76	0.00	ANNUAL	ALL	00000005
463215.82000	3769692.75000	0.00002	334.00	0.00	ANNUAL	ALL	00000005
463151.69000	3769666.28000	0.00002	334.00	0.00	ANNUAL	ALL	00000005
463087.57000	3769639.81000	0.00002	333.12	0.00	ANNUAL	ALL	00000005
463023.44000	3769613.34000	0.00002	331.84	0.00	ANNUAL	ALL	00000005
462945.92000	3769554.87000	0.00002	330.85	0.00	ANNUAL	ALL	00000005
462919.14000	3769490.87000	0.00002	330.10	0.00	ANNUAL	ALL	00000005
462892.36000	3769426.88000	0.00002	330.00	0.00	ANNUAL	ALL	00000005
462865.58000	3769362.88000	0.00003	329.00	0.00	ANNUAL	ALL	00000005
462838.80000	3769298.88000	0.00003	328.27	0.00	ANNUAL	ALL	00000005
463346.85000	3769732.46000	0.00003	335.20	0.00	ANNUAL	ALL	00000005
463416.52000	3769732.46000	0.00003	338.28	0.00	ANNUAL	ALL	00000005
463466.52000	3769232.46000	0.00038	325.00	0.00	ANNUAL	ALL	00000005
463466.52000	3769183.08000	0.00034	324.94	0.00	ANNUAL	ALL	00000005
463466.52000	3769133.70000	0.00025	324.11	0.00	ANNUAL	ALL	00000005
463501.88000	3769267.82000	0.00029	325.19	0.00	ANNUAL	ALL	00000005
463516.52000	3769183.08000	0.00023	324.69	0.00	ANNUAL	ALL	00000005
463516.52000	3769133.70000	0.00016	324.00	0.00	ANNUAL	ALL	00000005
463551.88000	3769267.82000	0.00023	325.00	0.00	ANNUAL	ALL	00000005
463487.23000	3769353.17000	0.00020	326.56	0.00	ANNUAL	ALL	00000005
463566.52000	3769183.08000	0.00017	324.00	0.00	ANNUAL	ALL	00000005
463566.52000	3769133.70000	0.00012	324.00	0.00	ANNUAL	ALL	00000005
463601.88000	3769267.82000	0.00019	324.72	0.00	ANNUAL	ALL	00000005
463572.59000	3769338.53000	0.00015	325.91	0.00	ANNUAL	ALL	00000005
463522.59000	3769388.53000	0.00015	327.00	0.00	ANNUAL	ALL	00000005
463616.52000	3769183.08000	0.00014	323.39	0.00	ANNUAL	ALL	00000005
463616.52000	3769133.70000	0.00010	323.00	0.00	ANNUAL	ALL	00000005
463648.21000	3769276.65000	0.00015	324.39	0.00	ANNUAL	ALL	00000005
463629.91000	3769320.85000	0.00013	325.00	0.00	ANNUAL	ALL	00000005
463611.60000	3769365.04000	0.00012	325.96	0.00	ANNUAL	ALL	00000005
463549.10000	3769427.54000	0.00011	327.70	0.00	ANNUAL	ALL	00000005
463504.91000	3769445.85000	0.00014	328.00	0.00	ANNUAL	ALL	00000005
463460.71000	3769464.15000	0.00021	328.73	0.00	ANNUAL	ALL	00000005

463666.52000	3769232.46000	0.00021	323.89	323.89	0.00	ANNUAL	ALL	00000005
463666.52000	3769183.08000	0.00013	323.00	323.00	0.00	ANNUAL	ALL	00000005
463666.52000	3769133.70000	0.00008	322.83	322.83	0.00	ANNUAL	ALL	00000005
463698.95000	3769274.89000	0.00014	324.00	324.00	0.00	ANNUAL	ALL	00000005
463681.37000	3769317.31000	0.00011	324.54	324.54	0.00	ANNUAL	ALL	00000005
463663.80000	3769359.74000	0.00010	325.00	325.00	0.00	ANNUAL	ALL	00000005
463646.23000	3769402.17000	0.00009	326.09	326.09	0.00	ANNUAL	ALL	00000005
463586.23000	3769462.17000	0.00009	328.09	328.09	0.00	ANNUAL	ALL	00000005
463543.80000	3769479.74000	0.00010	328.78	328.78	0.00	ANNUAL	ALL	00000005
463501.37000	3769497.31000	0.00013	329.10	329.10	0.00	ANNUAL	ALL	00000005
463458.95000	3769514.89000	0.00024	329.95	329.95	0.00	ANNUAL	ALL	00000005
463716.52000	3769232.46000	0.00018	323.54	323.54	0.00	ANNUAL	ALL	00000005
463716.52000	3769183.08000	0.00011	322.90	322.90	0.00	ANNUAL	ALL	00000005
463716.52000	3769133.70000	0.00007	322.03	322.03	0.00	ANNUAL	ALL	00000005
463749.43000	3769273.71000	0.00012	323.01	323.01	0.00	ANNUAL	ALL	00000005
463715.26000	3769356.20000	0.00009	324.71	324.71	0.00	ANNUAL	ALL	00000005
463681.09000	3769438.70000	0.00008	326.41	326.41	0.00	ANNUAL	ALL	00000005
463622.76000	3769497.03000	0.00007	328.08	328.08	0.00	ANNUAL	ALL	00000005
463540.26000	3769531.20000	0.00009	329.98	329.98	0.00	ANNUAL	ALL	00000005
463766.52000	3769183.08000	0.00010	322.39	322.39	0.00	ANNUAL	ALL	00000005
463766.52000	3769133.70000	0.00006	321.58	321.58	0.00	ANNUAL	ALL	00000005
463799.78000	3769272.87000	0.00010	322.92	322.92	0.00	ANNUAL	ALL	00000005
463766.31000	3769353.68000	0.00007	323.77	323.77	0.00	ANNUAL	ALL	00000005
463732.84000	3769434.49000	0.00007	325.56	325.56	0.00	ANNUAL	ALL	00000005
463658.96000	3769532.04000	0.00006	328.01	328.01	0.00	ANNUAL	ALL	00000005
463578.14000	3769565.51000	0.00007	330.36	330.36	0.00	ANNUAL	ALL	00000005
463497.33000	3769598.99000	0.00012	334.02	334.02	0.00	ANNUAL	ALL	00000005
463816.52000	3769183.08000	0.00008	321.98	321.98	0.00	ANNUAL	ALL	00000005
463816.52000	3769133.70000	0.00005	321.19	321.19	0.00	ANNUAL	ALL	00000005
463847.69000	3769277.92000	0.00008	322.00	322.00	0.00	ANNUAL	ALL	00000005
463828.86000	3769323.37000	0.00007	322.72	322.72	0.00	ANNUAL	ALL	00000005
463810.03000	3769368.83000	0.00006	323.08	323.08	0.00	ANNUAL	ALL	00000005
463791.20000	3769414.29000	0.00006	324.37	324.37	0.00	ANNUAL	ALL	00000005
463772.38000	3769459.74000	0.00006	325.11	325.11	0.00	ANNUAL	ALL	00000005
463753.55000	3769505.20000	0.00005	326.55	326.55	0.00	ANNUAL	ALL	00000005
463689.26000	3769569.49000	0.00005	328.77	328.77	0.00	ANNUAL	ALL	00000005
463643.80000	3769588.32000	0.00005	329.40	329.40	0.00	ANNUAL	ALL	00000005
463598.35000	3769607.14000	0.00006	331.00	331.00	0.00	ANNUAL	ALL	00000005
463552.89000	3769625.97000	0.00007	332.69	332.69	0.00	ANNUAL	ALL	00000005

463507.43000	3769644.80000	0.00008	334.07	334.07	0.00	ANNUAL	ALL	000000005
463461.98000	3769663.63000	0.00009	335.00	335.00	0.00	ANNUAL	ALL	000000005
463866.52000	3769232.46000	0.00007	321.59	321.59	0.00	ANNUAL	ALL	000000005
463866.52000	3769183.08000	0.00005	321.09	321.09	0.00	ANNUAL	ALL	000000005
463866.52000	3769133.70000	0.00004	321.00	321.00	0.00	ANNUAL	ALL	000000005
463898.21000	3769276.65000	0.00005	322.00	322.00	0.00	ANNUAL	ALL	000000005
463879.91000	3769320.85000	0.00005	322.00	322.00	0.00	ANNUAL	ALL	000000005
463861.60000	3769365.04000	0.00005	322.97	322.97	0.00	ANNUAL	ALL	000000005
463843.30000	3769409.24000	0.00005	323.43	323.43	0.00	ANNUAL	ALL	000000005
463824.99000	3769453.43000	0.00005	324.90	324.90	0.00	ANNUAL	ALL	000000005
463806.69000	3769497.63000	0.00005	325.44	325.44	0.00	ANNUAL	ALL	000000005
463788.38000	3769541.82000	0.00005	326.85	326.85	0.00	ANNUAL	ALL	000000005
463725.88000	3769604.32000	0.00004	328.74	328.74	0.00	ANNUAL	ALL	000000005
463681.69000	3769622.63000	0.00004	329.27	329.27	0.00	ANNUAL	ALL	000000005
463637.49000	3769640.93000	0.00005	330.74	330.74	0.00	ANNUAL	ALL	000000005
463593.30000	3769659.24000	0.00005	332.02	332.02	0.00	ANNUAL	ALL	000000005
463549.10000	3769677.54000	0.00005	333.80	333.80	0.00	ANNUAL	ALL	000000005
463504.91000	3769695.85000	0.00005	334.99	342.00	0.00	ANNUAL	ALL	000000005
463460.71000	3769714.15000	0.00004	337.00	342.00	0.00	ANNUAL	ALL	000000005
463916.52000	3769232.46000	0.00004	321.00	321.00	0.00	ANNUAL	ALL	000000005
463916.52000	3769183.08000	0.00004	320.94	320.94	0.00	ANNUAL	ALL	000000005
463916.52000	3769133.70000	0.00003	320.11	320.11	0.00	ANNUAL	ALL	000000005
463434.28000	3769091.04000	0.00028	324.00	324.00	0.00	ANNUAL	ALL	000000005
463381.64000	3769083.62000	0.00032	324.00	324.00	0.00	ANNUAL	ALL	000000005
463311.64000	3769083.46000	0.00029	323.23	323.23	0.00	ANNUAL	ALL	000000005
463440.27000	3769043.49000	0.00023	324.00	324.00	0.00	ANNUAL	ALL	000000005
463497.05000	3769086.61000	0.00014	324.00	324.00	0.00	ANNUAL	ALL	000000005
463381.75000	3769033.62000	0.00021	323.98	323.98	0.00	ANNUAL	ALL	000000005
463311.76000	3769033.46000	0.00017	323.00	323.00	0.00	ANNUAL	ALL	000000005
463443.32000	3768994.71000	0.00019	323.61	323.61	0.00	ANNUAL	ALL	000000005
463496.25000	3769016.74000	0.00011	324.00	324.00	0.00	ANNUAL	ALL	000000005
463533.66000	3769054.24000	0.00010	324.00	324.00	0.00	ANNUAL	ALL	000000005
463381.87000	3768983.62000	0.00016	323.18	323.18	0.00	ANNUAL	ALL	000000005
463311.87000	3768983.46000	0.00012	323.00	323.00	0.00	ANNUAL	ALL	000000005
463445.20000	3768945.45000	0.00016	323.00	323.00	0.00	ANNUAL	ALL	000000005
463501.65000	3768968.94000	0.00009	323.00	323.00	0.00	ANNUAL	ALL	000000005
463569.79000	3769020.69000	0.00007	323.00	323.00	0.00	ANNUAL	ALL	000000005
463593.15000	3769077.20000	0.00008	323.08	323.08	0.00	ANNUAL	ALL	000000005
463381.98000	3768933.62000	0.00014	322.58	322.58	0.00	ANNUAL	ALL	000000005

463311.99000	3768933.46000	0.00009	322.23	322.23	0.00	ANNUAL	ALL	00000005
463446.49000	3768895.94000	0.00015	322.32	322.32	0.00	ANNUAL	ALL	00000005
463505.30000	3768920.41000	0.00008	322.26	322.26	0.00	ANNUAL	ALL	00000005
463564.10000	3768944.89000	0.00006	322.95	322.95	0.00	ANNUAL	ALL	00000005
463605.67000	3768986.55000	0.00006	322.27	322.27	0.00	ANNUAL	ALL	00000005
463630.01000	3769045.41000	0.00006	322.30	322.30	0.00	ANNUAL	ALL	00000005
463382.09000	3768883.62000	0.00013	321.91	321.91	0.00	ANNUAL	ALL	00000005
463312.10000	3768883.46000	0.00008	321.90	321.90	0.00	ANNUAL	ALL	00000005
463447.45000	3768846.29000	0.00013	321.00	321.00	0.00	ANNUAL	ALL	00000005
463507.93000	3768871.46000	0.00007	321.50	321.50	0.00	ANNUAL	ALL	00000005
463568.41000	3768896.64000	0.00005	322.00	322.00	0.00	ANNUAL	ALL	00000005
463641.41000	3768952.08000	0.00005	321.68	321.68	0.00	ANNUAL	ALL	00000005
463666.45000	3769012.62000	0.00005	321.82	321.82	0.00	ANNUAL	ALL	00000005
463691.48000	3769073.16000	0.00006	321.95	321.95	0.00	ANNUAL	ALL	00000005
463382.21000	3768833.62000	0.00011	321.00	321.00	0.00	ANNUAL	ALL	00000005
463312.22000	3768833.46000	0.00006	321.00	321.00	0.00	ANNUAL	ALL	00000005
463448.19000	3768796.55000	0.00011	320.01	320.01	0.00	ANNUAL	ALL	00000005
463509.93000	3768822.25000	0.00006	320.86	320.86	0.00	ANNUAL	ALL	00000005
463571.68000	3768847.95000	0.00004	320.72	320.72	0.00	ANNUAL	ALL	00000005
463633.42000	3768873.65000	0.00004	320.50	320.50	0.00	ANNUAL	ALL	00000005
463677.07000	3768917.40000	0.00004	320.44	320.44	0.00	ANNUAL	ALL	00000005
463702.63000	3768979.20000	0.00004	321.00	321.00	0.00	ANNUAL	ALL	00000005
463728.18000	3769041.00000	0.00004	321.00	321.00	0.00	ANNUAL	ALL	00000005
463382.32000	3768783.62000	0.00009	319.58	319.58	0.00	ANNUAL	ALL	00000005
463312.33000	3768783.46000	0.00005	319.57	319.57	0.00	ANNUAL	ALL	00000005
463448.80000	3768746.75000	0.00006	318.37	318.37	0.00	ANNUAL	ALL	00000005
463511.52000	3768772.86000	0.00004	319.22	319.22	0.00	ANNUAL	ALL	00000005
463574.24000	3768798.97000	0.00004	319.86	319.86	0.00	ANNUAL	ALL	00000005
463636.96000	3768825.07000	0.00003	319.72	319.72	0.00	ANNUAL	ALL	00000005
463712.67000	3768882.57000	0.00003	319.23	319.23	0.00	ANNUAL	ALL	00000005
463738.63000	3768945.35000	0.00003	319.98	319.98	0.00	ANNUAL	ALL	00000005
463764.59000	3769008.14000	0.00004	320.53	320.53	0.00	ANNUAL	ALL	00000005
463790.56000	3769070.92000	0.00004	321.00	321.00	0.00	ANNUAL	ALL	00000005
463382.44000	3768733.62000	0.00006	318.69	318.69	0.00	ANNUAL	ALL	00000005
463312.44000	3768733.46000	0.00004	317.96	317.96	0.00	ANNUAL	ALL	00000005
463449.30000	3768696.92000	0.00004	318.00	318.00	0.00	ANNUAL	ALL	00000005
463512.81000	3768723.35000	0.00003	319.00	319.00	0.00	ANNUAL	ALL	00000005
463576.32000	3768749.78000	0.00003	319.00	319.00	0.00	ANNUAL	ALL	00000005
463639.82000	3768776.22000	0.00003	318.77	318.77	0.00	ANNUAL	ALL	00000005



463703.33000	3768802.65000	0.00002	318.21	318.21	0.00	ANNUAL	ALL	00000005
463748.23000	3768847.65000	0.00002	318.72	318.72	0.00	ANNUAL	ALL	00000005
463774.51000	3768911.22000	0.00003	319.00	319.00	0.00	ANNUAL	ALL	00000005
463800.80000	3768974.78000	0.00003	319.95	319.95	0.00	ANNUAL	ALL	00000005
463827.09000	3769038.35000	0.00003	320.03	320.03	0.00	ANNUAL	ALL	00000005
463382.55000	3768683.62000	0.00004	317.24	317.24	0.00	ANNUAL	ALL	00000005
463312.56000	3768683.46000	0.00004	317.13	317.13	0.00	ANNUAL	ALL	00000005
463449.74000	3768647.05000	0.00003	318.00	318.00	0.00	ANNUAL	ALL	00000005
463513.89000	3768673.75000	0.00003	318.00	318.00	0.00	ANNUAL	ALL	00000005
463578.03000	3768700.45000	0.00003	318.00	318.00	0.00	ANNUAL	ALL	00000005
463642.18000	3768727.15000	0.00002	318.00	318.00	0.00	ANNUAL	ALL	00000005
463706.33000	3768753.85000	0.00002	317.77	317.77	0.00	ANNUAL	ALL	00000005
463783.75000	3768812.66000	0.00002	317.54	317.54	0.00	ANNUAL	ALL	00000005
463810.31000	3768876.86000	0.00002	318.00	318.00	0.00	ANNUAL	ALL	00000005
463836.86000	3768941.07000	0.00002	319.00	319.00	0.00	ANNUAL	ALL	00000005
463863.41000	3769005.28000	0.00003	319.20	319.20	0.00	ANNUAL	ALL	00000005
463889.97000	3769069.49000	0.00003	319.39	319.39	0.00	ANNUAL	ALL	00000005
463382.67000	3768633.62000	0.00003	317.00	317.00	0.00	ANNUAL	ALL	00000005
463312.67000	3768633.46000	0.00003	317.00	317.00	0.00	ANNUAL	ALL	00000005
463261.53000	3769133.70000	0.00026	324.00	324.00	0.00	ANNUAL	ALL	00000005
463261.77000	3769183.20000	0.00030	324.90	324.90	0.00	ANNUAL	ALL	00000005
463262.01000	3769232.70000	0.00031	325.55	325.55	0.00	ANNUAL	ALL	00000005
463226.13000	3769098.39000	0.00016	323.07	323.07	0.00	ANNUAL	ALL	00000005
463211.77000	3769183.44000	0.00018	324.90	324.90	0.00	ANNUAL	ALL	00000005
463212.01000	3769232.94000	0.00024	325.55	325.55	0.00	ANNUAL	ALL	00000005
463176.13000	3769098.63000	0.00011	323.08	323.08	0.00	ANNUAL	ALL	00000005
463240.84000	3769012.84000	0.00012	322.22	322.22	0.00	ANNUAL	ALL	00000005
463161.77000	3769183.69000	0.00014	324.91	324.91	0.00	ANNUAL	ALL	00000005
463126.13000	3769098.88000	0.00008	323.80	323.80	0.00	ANNUAL	ALL	00000005
463155.33000	3769027.77000	0.00008	322.71	322.71	0.00	ANNUAL	ALL	00000005
463205.44000	3768977.53000	0.00009	322.00	322.00	0.00	ANNUAL	ALL	00000005
463111.77000	3769183.93000	0.00012	324.94	324.94	0.00	ANNUAL	ALL	00000005
463112.01000	3769233.43000	0.00019	325.68	325.68	0.00	ANNUAL	ALL	00000005
463079.78000	3769090.23000	0.00007	324.00	324.00	0.00	ANNUAL	ALL	00000005
463098.03000	3769045.79000	0.00007	323.23	323.23	0.00	ANNUAL	ALL	00000005
463116.28000	3769001.35000	0.00006	322.83	322.83	0.00	ANNUAL	ALL	00000005
463178.92000	3768938.55000	0.00007	321.74	321.74	0.00	ANNUAL	ALL	00000005
463223.31000	3768920.19000	0.00007	321.53	321.53	0.00	ANNUAL	ALL	00000005
463267.71000	3768901.82000	0.00008	321.97	321.97	0.00	ANNUAL	ALL	00000005

463061.53000	3769134.67000	0.00007	324.95	324.95	0.00	ANNUAL	ALL	00000005
463061.77000	3769184.17000	0.00010	325.00	325.00	0.00	ANNUAL	ALL	00000005
463029.05000	3769092.25000	0.00006	324.00	324.00	0.00	ANNUAL	ALL	00000005
463046.57000	3769049.59000	0.00005	323.44	323.44	0.00	ANNUAL	ALL	00000005
463064.09000	3769006.93000	0.00005	323.00	323.00	0.00	ANNUAL	ALL	00000005
463081.61000	3768964.26000	0.00005	322.16	322.16	0.00	ANNUAL	ALL	00000005
463141.74000	3768903.97000	0.00005	321.00	321.00	0.00	ANNUAL	ALL	00000005
463184.36000	3768886.34000	0.00006	321.00	321.00	0.00	ANNUAL	ALL	00000005
463226.98000	3768868.72000	0.00006	321.00	321.00	0.00	ANNUAL	ALL	00000005
463269.60000	3768851.09000	0.00006	320.82	320.82	0.00	ANNUAL	ALL	00000005
463011.53000	3769134.91000	0.00006	325.00	325.00	0.00	ANNUAL	ALL	00000005
463011.77000	3769184.41000	0.00009	325.94	325.94	0.00	ANNUAL	ALL	00000005
463012.01000	3769233.91000	0.00016	326.34	326.34	0.00	ANNUAL	ALL	00000005
462978.57000	3769093.68000	0.00005	324.64	324.64	0.00	ANNUAL	ALL	00000005
463012.63000	3769010.72000	0.00004	323.08	323.08	0.00	ANNUAL	ALL	00000005
463046.69000	3768927.77000	0.00004	322.00	322.00	0.00	ANNUAL	ALL	00000005
463105.16000	3768869.15000	0.00004	321.00	321.00	0.00	ANNUAL	ALL	00000005
463188.03000	3768834.88000	0.00005	320.28	320.28	0.00	ANNUAL	ALL	00000005
462961.77000	3769184.66000	0.00007	326.00	326.00	0.00	ANNUAL	ALL	00000005
462928.22000	3769094.77000	0.00004	324.97	324.97	0.00	ANNUAL	ALL	00000005
462961.59000	3769013.51000	0.00004	323.44	323.44	0.00	ANNUAL	ALL	00000005
462994.96000	3768932.24000	0.00004	322.08	322.08	0.00	ANNUAL	ALL	00000005
463068.91000	3768834.19000	0.00004	321.00	321.00	0.00	ANNUAL	ALL	00000005
463150.09000	3768800.61000	0.00004	320.14	320.14	0.00	ANNUAL	ALL	00000005
463231.27000	3768767.04000	0.00004	319.02	319.02	0.00	ANNUAL	ALL	00000005
462911.77000	3769184.90000	0.00005	326.00	326.00	0.00	ANNUAL	ALL	00000005
462912.01000	3769234.40000	0.00007	327.00	327.00	0.00	ANNUAL	ALL	00000005
462880.31000	3769089.93000	0.00003	325.00	325.00	0.00	ANNUAL	ALL	00000005
462899.08000	3769044.22000	0.00003	324.26	324.26	0.00	ANNUAL	ALL	00000005
462917.84000	3768998.51000	0.00003	323.74	323.74	0.00	ANNUAL	ALL	00000005
462936.61000	3768952.80000	0.00003	323.00	323.00	0.00	ANNUAL	ALL	00000005
462955.38000	3768907.09000	0.00003	322.00	322.00	0.00	ANNUAL	ALL	00000005
462974.15000	3768861.38000	0.00003	321.87	321.87	0.00	ANNUAL	ALL	00000005
463038.59000	3768796.78000	0.00003	320.71	320.71	0.00	ANNUAL	ALL	00000005
463084.25000	3768777.90000	0.00003	320.00	320.00	0.00	ANNUAL	ALL	00000005
463129.91000	3768759.01000	0.00004	319.76	319.76	0.00	ANNUAL	ALL	00000005
463175.57000	3768740.12000	0.00004	319.02	319.02	0.00	ANNUAL	ALL	00000005
463221.23000	3768721.24000	0.00004	318.81	318.81	0.00	ANNUAL	ALL	00000005
463266.90000	3768702.35000	0.00004	318.00	318.00	0.00	ANNUAL	ALL	00000005

462861.54000	3769135.64000	0.00003	326.00	326.00	0.00	ANNUAL	ALL	00000005
462861.78000	3769185.14000	0.00003	326.57	326.57	0.00	ANNUAL	ALL	00000005
462829.78000	3769091.44000	0.00003	325.00	325.00	0.00	ANNUAL	ALL	00000005
462848.03000	3769047.00000	0.00003	324.39	324.39	0.00	ANNUAL	ALL	00000005
462866.28000	3769002.56000	0.00003	324.00	324.00	0.00	ANNUAL	ALL	00000005
462884.53000	3768958.12000	0.00003	323.33	323.33	0.00	ANNUAL	ALL	00000005
462902.78000	3768913.68000	0.00003	322.93	322.93	0.00	ANNUAL	ALL	00000005
462921.03000	3768869.24000	0.00003	322.00	322.00	0.00	ANNUAL	ALL	00000005
462939.28000	3768824.80000	0.00003	321.01	321.01	0.00	ANNUAL	ALL	00000005
463001.92000	3768762.00000	0.00003	320.00	320.00	0.00	ANNUAL	ALL	00000005
463046.31000	3768743.64000	0.00003	320.00	320.00	0.00	ANNUAL	ALL	00000005
463090.70000	3768725.27000	0.00003	319.61	319.61	0.00	ANNUAL	ALL	00000005
463135.10000	3768706.91000	0.00003	319.00	319.00	0.00	ANNUAL	ALL	00000005
463179.49000	3768688.55000	0.00003	318.41	318.41	0.00	ANNUAL	ALL	00000005
463223.89000	3768670.19000	0.00003	318.00	318.00	0.00	ANNUAL	ALL	00000005
463268.28000	3768651.82000	0.00003	317.22	317.22	0.00	ANNUAL	ALL	00000005
462811.54000	3769135.88000	0.00003	326.00	326.00	0.00	ANNUAL	ALL	00000005
462811.78000	3769185.38000	0.00003	326.97	326.97	0.00	ANNUAL	ALL	00000005
462812.02000	3769234.88000	0.00003	327.62	327.62	0.00	ANNUAL	ALL	00000005
463311.53000	3769133.46000	0.00090	324.00	324.00	0.00	ANNUAL	ALL	00000005
463312.01000	3769232.46000	0.00059	325.54	325.54	0.00	ANNUAL	ALL	00000005
463416.52000	3769232.46000	0.00057	325.54	325.54	0.00	ANNUAL	ALL	00000005
463416.52000	3769133.70000	0.00055	324.25	324.25	0.00	ANNUAL	ALL	00000005

\*\* CONCUNIT ug/m<sup>3</sup>

\*\* DEPUNIT g/m<sup>2</sup>

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**APPENDIX E**

**AERMOD Model Benzene Equivalent Non-Cancer Risk Printouts**

\*\*  
\*\*\*\*\*  
\*\*  
\*\* AERMOD Input Produced by:  
\*\* AERMOD View Ver. 9.3.0  
\*\* Lakes Environmental Software Inc.  
\*\* Date: 3/16/2017  
\*\* File: C:\Vista Env\2017\17014 Bloomington\AERMOD\Benzene\Benzene.ADI  
\*\*

\*\*\*\*\*  
\*\*  
\*\*  
\*\*\*\*\*  
\*\* AERMOD Control Pathway  
\*\*\*\*\*  
\*\*  
\*\*

CO STARTING  
TITLEONE SB Co Bloomington Chevron Station  
TITLETWO Benzene Equivalent Acute Risk  
MODELOPT DFAULT CONC  
AVERTIME 24 ANNUAL  
URBANOPT 2015355 San\_Bernardino\_County  
POLLUTID BENZENE  
RUNORNOT RUN  
ERRORFIL Benzene.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 = CEDARN  
\*\* DESCRSRC Cedar Ave North of Slover  
\*\* PREFIX  
\*\* Length of Side = 14.63  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 0.0000909  
\*\* Vertical Dimension = 1.83  
\*\* SZINIT = 0.85  
\*\* Nodes = 5  
\*\* 463416.576, 3769232.511, 325.50, 0.00, 6.80  
\*\* 463419.600, 3769481.574, 329.00, 0.00, 6.80  
\*\* 463440.514, 3769568.510, 334.18, 0.00, 6.80  
\*\* 463443.614, 3769591.758, 335.00, 0.00, 6.80  
\*\* 463448.263, 3769646.003, 335.00, 0.00, 6.80  
\*\* -----

LOCATION L0000968            VOLUME    463416.664 3769239.825 325.78

LOCATION L0000969	VOLUME	463416.842	3769254.455	326.00
LOCATION L0000970	VOLUME	463417.020	3769269.084	326.00
LOCATION L0000971	VOLUME	463417.197	3769283.713	326.23
LOCATION L0000972	VOLUME	463417.375	3769298.343	326.68
LOCATION L0000973	VOLUME	463417.553	3769312.972	326.95
LOCATION L0000974	VOLUME	463417.730	3769327.601	326.98
LOCATION L0000975	VOLUME	463417.908	3769342.231	327.00
LOCATION L0000976	VOLUME	463418.085	3769356.860	327.00
LOCATION L0000977	VOLUME	463418.263	3769371.489	327.17
LOCATION L0000978	VOLUME	463418.441	3769386.119	327.66
LOCATION L0000979	VOLUME	463418.618	3769400.748	328.00
LOCATION L0000980	VOLUME	463418.796	3769415.377	328.00
LOCATION L0000981	VOLUME	463418.974	3769430.007	328.12
LOCATION L0000982	VOLUME	463419.151	3769444.636	328.61
LOCATION L0000983	VOLUME	463419.329	3769459.265	329.00
LOCATION L0000984	VOLUME	463419.507	3769473.895	329.00
LOCATION L0000985	VOLUME	463421.225	3769488.332	329.07
LOCATION L0000986	VOLUME	463424.647	3769502.556	329.54
LOCATION L0000987	VOLUME	463428.069	3769516.781	330.03
LOCATION L0000988	VOLUME	463431.491	3769531.005	330.98
LOCATION L0000989	VOLUME	463434.913	3769545.230	331.93
LOCATION L0000990	VOLUME	463438.335	3769559.455	333.15
LOCATION L0000991	VOLUME	463441.217	3769573.780	334.49
LOCATION L0000992	VOLUME	463443.150	3769588.282	334.87
LOCATION L0000993	VOLUME	463444.564	3769602.841	334.98
LOCATION L0000994	VOLUME	463445.813	3769617.418	335.00
LOCATION L0000995	VOLUME	463447.063	3769631.995	335.00

\*\* End of LINE VOLUME Source ID = CEDARN

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = CEDARS

\*\* DESCRSRC Cedar Ave South of Slover Ave

\*\* PREFIX

\*\* Length of Side = 17.07

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000531

\*\* Vertical Dimension = 6.00

\*\* SZINIT = 2.79

\*\* Nodes = 2

\*\* 463416.614, 3769232.723, 325.52, 0.00, 7.94

\*\* 463416.838, 3768746.493, 318.89, 0.00, 7.94

\*\*

LOCATION L0001024	VOLUME	463416.617	3769224.189	325.26
LOCATION L0001025	VOLUME	463416.625	3769207.120	325.00
LOCATION L0001026	VOLUME	463416.633	3769190.051	325.00
LOCATION L0001027	VOLUME	463416.641	3769172.982	325.00
LOCATION L0001028	VOLUME	463416.649	3769155.913	324.99
LOCATION L0001029	VOLUME	463416.657	3769138.845	324.42
LOCATION L0001030	VOLUME	463416.665	3769121.776	324.00
LOCATION L0001031	VOLUME	463416.673	3769104.707	324.00
LOCATION L0001032	VOLUME	463416.680	3769087.638	324.00
LOCATION L0001033	VOLUME	463416.688	3769070.569	324.00
LOCATION L0001034	VOLUME	463416.696	3769053.501	324.00
LOCATION L0001035	VOLUME	463416.704	3769036.432	324.00

LOCATION L0001036	VOLUME	463416.712	3769019.363	324.00
LOCATION L0001037	VOLUME	463416.720	3769002.294	323.86
LOCATION L0001038	VOLUME	463416.728	3768985.225	323.30
LOCATION L0001039	VOLUME	463416.735	3768968.157	323.00
LOCATION L0001040	VOLUME	463416.743	3768951.088	323.00
LOCATION L0001041	VOLUME	463416.751	3768934.019	322.96
LOCATION L0001042	VOLUME	463416.759	3768916.950	322.91
LOCATION L0001043	VOLUME	463416.767	3768899.881	322.41
LOCATION L0001044	VOLUME	463416.775	3768882.813	321.88
LOCATION L0001045	VOLUME	463416.783	3768865.744	321.31
LOCATION L0001046	VOLUME	463416.791	3768848.675	321.00
LOCATION L0001047	VOLUME	463416.798	3768831.606	321.00
LOCATION L0001048	VOLUME	463416.806	3768814.537	320.61
LOCATION L0001049	VOLUME	463416.814	3768797.469	320.04
LOCATION L0001050	VOLUME	463416.822	3768780.400	319.47
LOCATION L0001051	VOLUME	463416.830	3768763.331	319.00

\*\* End of LINE VOLUME Source ID = CEDARS

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLOVERW

\*\* DESCRSRC Slover Ave West of Cedar Ave

\*\* PREFIX

\*\* Length of Side = 14.33

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000526

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 2

\*\* 463416.076, 3769233.402, 325.56, 0.00, 6.66

\*\* 462933.718, 3769232.564, 327.00, 0.00, 6.66

\*\* -----

LOCATION L0001052	VOLUME	463408.913	3769233.390	325.57
LOCATION L0001053	VOLUME	463394.588	3769233.365	325.57
LOCATION L0001054	VOLUME	463380.262	3769233.340	325.57
LOCATION L0001055	VOLUME	463365.936	3769233.315	325.57
LOCATION L0001056	VOLUME	463351.611	3769233.290	325.56
LOCATION L0001057	VOLUME	463337.285	3769233.265	325.56
LOCATION L0001058	VOLUME	463322.960	3769233.240	325.56
LOCATION L0001059	VOLUME	463308.634	3769233.215	325.56
LOCATION L0001060	VOLUME	463294.308	3769233.191	325.56
LOCATION L0001061	VOLUME	463279.983	3769233.166	325.56
LOCATION L0001062	VOLUME	463265.657	3769233.141	325.56
LOCATION L0001063	VOLUME	463251.332	3769233.116	325.56
LOCATION L0001064	VOLUME	463237.006	3769233.091	325.56
LOCATION L0001065	VOLUME	463222.681	3769233.066	325.56
LOCATION L0001066	VOLUME	463208.355	3769233.041	325.56
LOCATION L0001067	VOLUME	463194.029	3769233.016	325.56
LOCATION L0001068	VOLUME	463179.704	3769232.992	325.55
LOCATION L0001069	VOLUME	463165.378	3769232.967	325.55
LOCATION L0001070	VOLUME	463151.053	3769232.942	325.55
LOCATION L0001071	VOLUME	463136.727	3769232.917	325.55
LOCATION L0001072	VOLUME	463122.402	3769232.892	325.55
LOCATION L0001073	VOLUME	463108.076	3769232.867	325.72
LOCATION L0001074	VOLUME	463093.750	3769232.842	325.94

LOCATION L0001075	VOLUME	463079.425	3769232.817	326.00
LOCATION L0001076	VOLUME	463065.099	3769232.792	326.00
LOCATION L0001077	VOLUME	463050.774	3769232.768	326.00
LOCATION L0001078	VOLUME	463036.448	3769232.743	326.00
LOCATION L0001079	VOLUME	463022.122	3769232.718	326.14
LOCATION L0001080	VOLUME	463007.797	3769232.693	326.40
LOCATION L0001081	VOLUME	462993.471	3769232.668	326.54
LOCATION L0001082	VOLUME	462979.146	3769232.643	326.54
LOCATION L0001083	VOLUME	462964.820	3769232.618	326.62
LOCATION L0001084	VOLUME	462950.495	3769232.593	326.83
LOCATION L0001085	VOLUME	462936.169	3769232.569	327.00

\*\* End of LINE VOLUME Source ID = SLOVERW

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 \*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLOVERE

\*\* DESCRSRC Slover Ave East of Cedar Ave

\*\* PREFIX

\*\* Length of Side = 14.33

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000457

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 463417.282, 3769232.992, 325.53, 0.00, 6.66

\*\* 463814.406, 3769226.201, 322.06, 0.00, 6.66

\*\* 463826.208, 3769233.464, 322.06, 0.00, 6.66

\*\* 463833.168, 3769233.464, 322.00, 0.00, 6.66

\*\*

LOCATION L0001086	VOLUME	463424.444	3769232.869	325.46
LOCATION L0001087	VOLUME	463438.768	3769232.624	325.20
LOCATION L0001088	VOLUME	463453.091	3769232.380	325.00
LOCATION L0001089	VOLUME	463467.415	3769232.135	325.00
LOCATION L0001090	VOLUME	463481.738	3769231.890	325.00
LOCATION L0001091	VOLUME	463496.062	3769231.645	325.00
LOCATION L0001092	VOLUME	463510.385	3769231.400	325.00
LOCATION L0001093	VOLUME	463524.709	3769231.155	325.00
LOCATION L0001094	VOLUME	463539.032	3769230.910	325.00
LOCATION L0001095	VOLUME	463553.356	3769230.665	324.76
LOCATION L0001096	VOLUME	463567.679	3769230.420	324.50
LOCATION L0001097	VOLUME	463582.003	3769230.175	324.27
LOCATION L0001098	VOLUME	463596.326	3769229.930	324.05
LOCATION L0001099	VOLUME	463610.650	3769229.685	324.00
LOCATION L0001100	VOLUME	463624.973	3769229.440	324.00
LOCATION L0001101	VOLUME	463639.297	3769229.196	324.00
LOCATION L0001102	VOLUME	463653.620	3769228.951	324.00
LOCATION L0001103	VOLUME	463667.944	3769228.706	323.84
LOCATION L0001104	VOLUME	463682.267	3769228.461	323.55
LOCATION L0001105	VOLUME	463696.591	3769228.216	323.40
LOCATION L0001106	VOLUME	463710.914	3769227.971	323.39
LOCATION L0001107	VOLUME	463725.238	3769227.726	323.31
LOCATION L0001108	VOLUME	463739.561	3769227.481	323.12
LOCATION L0001109	VOLUME	463753.885	3769227.236	323.00
LOCATION L0001110	VOLUME	463768.208	3769226.991	323.00
LOCATION L0001111	VOLUME	463782.532	3769226.746	322.90



LOCATION L0001112 VOLUME 463796.855 3769226.501 322.43  
LOCATION L0001113 VOLUME 463811.179 3769226.256 322.00  
LOCATION L0001114 VOLUME 463823.858 3769232.017 322.00

\*\* End of LINE VOLUME Source ID = SLOVERE

\*\*

-----  
\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = ONSITE

\*\* DESCRSRC Onsite Diesel Vehicle Trips

\*\* PREFIX

\*\* Length of Side = 3.66

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.000188

\*\* Vertical Dimension = 1.83

\*\* SZINIT = 0.85

\*\* Nodes = 4

\*\* 463324.901, 3769220.466, 325.00, 0.00, 1.70

\*\* 463325.174, 3769182.450, 324.93, 0.00, 1.70

\*\* 463325.448, 3769141.973, 324.07, 0.00, 1.70

\*\* 463399.565, 3769141.973, 324.59, 0.00, 1.70

\*\*

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LOCATION L0001115 VOLUME 463324.914 3769218.637 325.08  
LOCATION L0001116 VOLUME 463324.940 3769214.979 325.00  
LOCATION L0001117 VOLUME 463324.967 3769211.322 325.00  
LOCATION L0001118 VOLUME 463324.993 3769207.664 325.00  
LOCATION L0001119 VOLUME 463325.019 3769204.007 325.00  
LOCATION L0001120 VOLUME 463325.046 3769200.349 325.00  
LOCATION L0001121 VOLUME 463325.072 3769196.692 325.00  
LOCATION L0001122 VOLUME 463325.098 3769193.034 325.00  
LOCATION L0001123 VOLUME 463325.125 3769189.377 325.00  
LOCATION L0001124 VOLUME 463325.151 3769185.719 324.98  
LOCATION L0001125 VOLUME 463325.177 3769182.062 324.86  
LOCATION L0001126 VOLUME 463325.202 3769178.404 324.74  
LOCATION L0001127 VOLUME 463325.226 3769174.747 324.61  
LOCATION L0001128 VOLUME 463325.251 3769171.089 324.49  
LOCATION L0001129 VOLUME 463325.276 3769167.432 324.37  
LOCATION L0001130 VOLUME 463325.301 3769163.774 324.25  
LOCATION L0001131 VOLUME 463325.325 3769160.117 324.13  
LOCATION L0001132 VOLUME 463325.350 3769156.459 324.00  
LOCATION L0001133 VOLUME 463325.375 3769152.802 324.00  
LOCATION L0001134 VOLUME 463325.399 3769149.144 324.00  
LOCATION L0001135 VOLUME 463325.424 3769145.487 324.00  
LOCATION L0001136 VOLUME 463325.592 3769141.973 324.00  
LOCATION L0001137 VOLUME 463329.249 3769141.973 324.00  
LOCATION L0001138 VOLUME 463332.907 3769141.973 324.06  
LOCATION L0001139 VOLUME 463336.565 3769141.973 324.12  
LOCATION L0001140 VOLUME 463340.222 3769141.973 324.18  
LOCATION L0001141 VOLUME 463343.880 3769141.973 324.25  
LOCATION L0001142 VOLUME 463347.537 3769141.973 324.31  
LOCATION L0001143 VOLUME 463351.195 3769141.973 324.37  
LOCATION L0001144 VOLUME 463354.853 3769141.973 324.44  
LOCATION L0001145 VOLUME 463358.510 3769141.973 324.50  
LOCATION L0001146 VOLUME 463362.168 3769141.973 324.52  
LOCATION L0001147 VOLUME 463365.825 3769141.973 324.52  
LOCATION L0001148 VOLUME 463369.483 3769141.973 324.52

LOCATION L0001149	VOLUME	463373.141	3769141.973	324.52
LOCATION L0001150	VOLUME	463376.798	3769141.973	324.52
LOCATION L0001151	VOLUME	463380.456	3769141.973	324.52
LOCATION L0001152	VOLUME	463384.113	3769141.973	324.52
LOCATION L0001153	VOLUME	463387.771	3769141.973	324.52
LOCATION L0001154	VOLUME	463391.429	3769141.973	324.52
LOCATION L0001155	VOLUME	463395.086	3769141.973	324.52
LOCATION L0001156	VOLUME	463398.744	3769141.973	324.52
** End of LINE VOLUME Source ID = ONSITE				
LOCATION IDLE	POINT	463327.730	3769183.960	324.920
** DESCRSRC Onsite Diesel Vehicle Idling				
LOCATION LOADBREATHE	POINT	463382.490	3769156.350	325.000
** DESCRSRC Combined Gasoline Tanks Loading and Tank Breathing				
LOCATION REFUELSPIILL	VOLUME	463382.680	3769179.440	325.000
** DESCRSRC Combined Gasoline Refueling and Spillage				
** Source Parameters **				
** LINE VOLUME Source ID = CEDARN				
SRCPARAM L0000968	0.000003246	0.00	6.80	0.85
SRCPARAM L0000969	0.000003246	0.00	6.80	0.85
SRCPARAM L0000970	0.000003246	0.00	6.80	0.85
SRCPARAM L0000971	0.000003246	0.00	6.80	0.85
SRCPARAM L0000972	0.000003246	0.00	6.80	0.85
SRCPARAM L0000973	0.000003246	0.00	6.80	0.85
SRCPARAM L0000974	0.000003246	0.00	6.80	0.85
SRCPARAM L0000975	0.000003246	0.00	6.80	0.85
SRCPARAM L0000976	0.000003246	0.00	6.80	0.85
SRCPARAM L0000977	0.000003246	0.00	6.80	0.85
SRCPARAM L0000978	0.000003246	0.00	6.80	0.85
SRCPARAM L0000979	0.000003246	0.00	6.80	0.85
SRCPARAM L0000980	0.000003246	0.00	6.80	0.85
SRCPARAM L0000981	0.000003246	0.00	6.80	0.85
SRCPARAM L0000982	0.000003246	0.00	6.80	0.85
SRCPARAM L0000983	0.000003246	0.00	6.80	0.85
SRCPARAM L0000984	0.000003246	0.00	6.80	0.85
SRCPARAM L0000985	0.000003246	0.00	6.80	0.85
SRCPARAM L0000986	0.000003246	0.00	6.80	0.85
SRCPARAM L0000987	0.000003246	0.00	6.80	0.85
SRCPARAM L0000988	0.000003246	0.00	6.80	0.85
SRCPARAM L0000989	0.000003246	0.00	6.80	0.85
SRCPARAM L0000990	0.000003246	0.00	6.80	0.85
SRCPARAM L0000991	0.000003246	0.00	6.80	0.85
SRCPARAM L0000992	0.000003246	0.00	6.80	0.85
SRCPARAM L0000993	0.000003246	0.00	6.80	0.85
SRCPARAM L0000994	0.000003246	0.00	6.80	0.85
SRCPARAM L0000995	0.000003246	0.00	6.80	0.85
** -----				
** LINE VOLUME Source ID = CEDARS				
SRCPARAM L0001024	0.000001896	0.00	7.94	2.79
SRCPARAM L0001025	0.000001896	0.00	7.94	2.79
SRCPARAM L0001026	0.000001896	0.00	7.94	2.79
SRCPARAM L0001027	0.000001896	0.00	7.94	2.79
SRCPARAM L0001028	0.000001896	0.00	7.94	2.79
SRCPARAM L0001029	0.000001896	0.00	7.94	2.79
SRCPARAM L0001030	0.000001896	0.00	7.94	2.79

SRCPARAM L0001031	0.000001896	0.00	7.94	2.79
SRCPARAM L0001032	0.000001896	0.00	7.94	2.79
SRCPARAM L0001033	0.000001896	0.00	7.94	2.79
SRCPARAM L0001034	0.000001896	0.00	7.94	2.79
SRCPARAM L0001035	0.000001896	0.00	7.94	2.79
SRCPARAM L0001036	0.000001896	0.00	7.94	2.79
SRCPARAM L0001037	0.000001896	0.00	7.94	2.79
SRCPARAM L0001038	0.000001896	0.00	7.94	2.79
SRCPARAM L0001039	0.000001896	0.00	7.94	2.79
SRCPARAM L0001040	0.000001896	0.00	7.94	2.79
SRCPARAM L0001041	0.000001896	0.00	7.94	2.79
SRCPARAM L0001042	0.000001896	0.00	7.94	2.79
SRCPARAM L0001043	0.000001896	0.00	7.94	2.79
SRCPARAM L0001044	0.000001896	0.00	7.94	2.79
SRCPARAM L0001045	0.000001896	0.00	7.94	2.79
SRCPARAM L0001046	0.000001896	0.00	7.94	2.79
SRCPARAM L0001047	0.000001896	0.00	7.94	2.79
SRCPARAM L0001048	0.000001896	0.00	7.94	2.79
SRCPARAM L0001049	0.000001896	0.00	7.94	2.79
SRCPARAM L0001050	0.000001896	0.00	7.94	2.79
SRCPARAM L0001051	0.000001896	0.00	7.94	2.79

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 \*\* LINE VOLUME Source ID = SLOVERW

SRCPARAM L0001052	0.000001547	0.00	6.66	0.85
SRCPARAM L0001053	0.000001547	0.00	6.66	0.85
SRCPARAM L0001054	0.000001547	0.00	6.66	0.85
SRCPARAM L0001055	0.000001547	0.00	6.66	0.85
SRCPARAM L0001056	0.000001547	0.00	6.66	0.85
SRCPARAM L0001057	0.000001547	0.00	6.66	0.85
SRCPARAM L0001058	0.000001547	0.00	6.66	0.85
SRCPARAM L0001059	0.000001547	0.00	6.66	0.85
SRCPARAM L0001060	0.000001547	0.00	6.66	0.85
SRCPARAM L0001061	0.000001547	0.00	6.66	0.85
SRCPARAM L0001062	0.000001547	0.00	6.66	0.85
SRCPARAM L0001063	0.000001547	0.00	6.66	0.85
SRCPARAM L0001064	0.000001547	0.00	6.66	0.85
SRCPARAM L0001065	0.000001547	0.00	6.66	0.85
SRCPARAM L0001066	0.000001547	0.00	6.66	0.85
SRCPARAM L0001067	0.000001547	0.00	6.66	0.85
SRCPARAM L0001068	0.000001547	0.00	6.66	0.85
SRCPARAM L0001069	0.000001547	0.00	6.66	0.85
SRCPARAM L0001070	0.000001547	0.00	6.66	0.85
SRCPARAM L0001071	0.000001547	0.00	6.66	0.85
SRCPARAM L0001072	0.000001547	0.00	6.66	0.85
SRCPARAM L0001073	0.000001547	0.00	6.66	0.85
SRCPARAM L0001074	0.000001547	0.00	6.66	0.85
SRCPARAM L0001075	0.000001547	0.00	6.66	0.85
SRCPARAM L0001076	0.000001547	0.00	6.66	0.85
SRCPARAM L0001077	0.000001547	0.00	6.66	0.85
SRCPARAM L0001078	0.000001547	0.00	6.66	0.85
SRCPARAM L0001079	0.000001547	0.00	6.66	0.85
SRCPARAM L0001080	0.000001547	0.00	6.66	0.85
SRCPARAM L0001081	0.000001547	0.00	6.66	0.85
SRCPARAM L0001082	0.000001547	0.00	6.66	0.85

SRCPARAM L0001083	0.000001547	0.00	6.66	0.85
SRCPARAM L0001084	0.000001547	0.00	6.66	0.85
SRCPARAM L0001085	0.000001547	0.00	6.66	0.85

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\*\* LINE VOLUME Source ID = SLOVERE

SRCPARAM L0001086	0.000001576	0.00	6.66	0.85
SRCPARAM L0001087	0.000001576	0.00	6.66	0.85
SRCPARAM L0001088	0.000001576	0.00	6.66	0.85
SRCPARAM L0001089	0.000001576	0.00	6.66	0.85
SRCPARAM L0001090	0.000001576	0.00	6.66	0.85
SRCPARAM L0001091	0.000001576	0.00	6.66	0.85
SRCPARAM L0001092	0.000001576	0.00	6.66	0.85
SRCPARAM L0001093	0.000001576	0.00	6.66	0.85
SRCPARAM L0001094	0.000001576	0.00	6.66	0.85
SRCPARAM L0001095	0.000001576	0.00	6.66	0.85
SRCPARAM L0001096	0.000001576	0.00	6.66	0.85
SRCPARAM L0001097	0.000001576	0.00	6.66	0.85
SRCPARAM L0001098	0.000001576	0.00	6.66	0.85
SRCPARAM L0001099	0.000001576	0.00	6.66	0.85
SRCPARAM L0001100	0.000001576	0.00	6.66	0.85
SRCPARAM L0001101	0.000001576	0.00	6.66	0.85
SRCPARAM L0001102	0.000001576	0.00	6.66	0.85
SRCPARAM L0001103	0.000001576	0.00	6.66	0.85
SRCPARAM L0001104	0.000001576	0.00	6.66	0.85
SRCPARAM L0001105	0.000001576	0.00	6.66	0.85
SRCPARAM L0001106	0.000001576	0.00	6.66	0.85
SRCPARAM L0001107	0.000001576	0.00	6.66	0.85
SRCPARAM L0001108	0.000001576	0.00	6.66	0.85
SRCPARAM L0001109	0.000001576	0.00	6.66	0.85
SRCPARAM L0001110	0.000001576	0.00	6.66	0.85
SRCPARAM L0001111	0.000001576	0.00	6.66	0.85
SRCPARAM L0001112	0.000001576	0.00	6.66	0.85
SRCPARAM L0001113	0.000001576	0.00	6.66	0.85
SRCPARAM L0001114	0.000001576	0.00	6.66	0.85

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\*\* LINE VOLUME Source ID = ONSITE

SRCPARAM L0001115	0.000004476	0.00	1.70	0.85
SRCPARAM L0001116	0.000004476	0.00	1.70	0.85
SRCPARAM L0001117	0.000004476	0.00	1.70	0.85
SRCPARAM L0001118	0.000004476	0.00	1.70	0.85
SRCPARAM L0001119	0.000004476	0.00	1.70	0.85
SRCPARAM L0001120	0.000004476	0.00	1.70	0.85
SRCPARAM L0001121	0.000004476	0.00	1.70	0.85
SRCPARAM L0001122	0.000004476	0.00	1.70	0.85
SRCPARAM L0001123	0.000004476	0.00	1.70	0.85
SRCPARAM L0001124	0.000004476	0.00	1.70	0.85
SRCPARAM L0001125	0.000004476	0.00	1.70	0.85
SRCPARAM L0001126	0.000004476	0.00	1.70	0.85
SRCPARAM L0001127	0.000004476	0.00	1.70	0.85
SRCPARAM L0001128	0.000004476	0.00	1.70	0.85
SRCPARAM L0001129	0.000004476	0.00	1.70	0.85
SRCPARAM L0001130	0.000004476	0.00	1.70	0.85
SRCPARAM L0001131	0.000004476	0.00	1.70	0.85
SRCPARAM L0001132	0.000004476	0.00	1.70	0.85

SRCPARAM L0001133	0.000004476	0.00	1.70	0.85
SRCPARAM L0001134	0.000004476	0.00	1.70	0.85
SRCPARAM L0001135	0.000004476	0.00	1.70	0.85
SRCPARAM L0001136	0.000004476	0.00	1.70	0.85
SRCPARAM L0001137	0.000004476	0.00	1.70	0.85
SRCPARAM L0001138	0.000004476	0.00	1.70	0.85
SRCPARAM L0001139	0.000004476	0.00	1.70	0.85
SRCPARAM L0001140	0.000004476	0.00	1.70	0.85
SRCPARAM L0001141	0.000004476	0.00	1.70	0.85
SRCPARAM L0001142	0.000004476	0.00	1.70	0.85
SRCPARAM L0001143	0.000004476	0.00	1.70	0.85
SRCPARAM L0001144	0.000004476	0.00	1.70	0.85
SRCPARAM L0001145	0.000004476	0.00	1.70	0.85
SRCPARAM L0001146	0.000004476	0.00	1.70	0.85
SRCPARAM L0001147	0.000004476	0.00	1.70	0.85
SRCPARAM L0001148	0.000004476	0.00	1.70	0.85
SRCPARAM L0001149	0.000004476	0.00	1.70	0.85
SRCPARAM L0001150	0.000004476	0.00	1.70	0.85
SRCPARAM L0001151	0.000004476	0.00	1.70	0.85
SRCPARAM L0001152	0.000004476	0.00	1.70	0.85
SRCPARAM L0001153	0.000004476	0.00	1.70	0.85
SRCPARAM L0001154	0.000004476	0.00	1.70	0.85
SRCPARAM L0001155	0.000004476	0.00	1.70	0.85
SRCPARAM L0001156	0.000004476	0.00	1.70	0.85

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SRCPARAM IDLE	0.0000997	3.840	366.000	51.71000
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0.100

SRCPARAM LOADBREATHE	3.86E-08	3.658	294.000	0.00100
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0.050

SRCPARAM REFUELSPILL	1.49E-07	3.658	13.000	5.000
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URBANSRC ALL

SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED Benzene.rou

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE ..\font8.sfc

PROFFILE ..\font8.PFL

SURFDATA 0 2008 Fontana 454620.00 3773190.00

UAIRDATA 3190 2008

SITEDATA 99999 2008

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PROFBASE 367.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 24 ALL 1ST BENZENE.AD\24H1GALL.PLT 31
  PLOTFILE ANNUAL ALL BENZENE.AD\AN00GALL.PLT 32
  SUMMFILE Benzene.sum
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
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463074.29000	3769263.00000	0.02083	326.56	326.56	0.00	24-HR	ALL	1ST	11121924
463346.85000	3769482.46000	0.01561	329.00	329.00	0.00	24-HR	ALL	1ST	11121924
463416.52000	3769482.46000	0.03405	329.00	329.00	0.00	24-HR	ALL	1ST	12010324
463281.78000	3769519.98000	0.01031	330.12	330.12	0.00	24-HR	ALL	1ST	12121224
463221.32000	3769495.02000	0.00929	330.18	330.18	0.00	24-HR	ALL	1ST	12121224
463160.85000	3769470.06000	0.00893	329.66	329.66	0.00	24-HR	ALL	1ST	8012524
463087.77000	3769414.94000	0.00896	328.00	328.00	0.00	24-HR	ALL	1ST	12121224
463062.52000	3769354.60000	0.01035	328.00	328.00	0.00	24-HR	ALL	1ST	10022724
463037.26000	3769294.25000	0.01275	327.00	327.00	0.00	24-HR	ALL	1ST	11121924
463346.85000	3769532.46000	0.01312	330.54	330.54	0.00	24-HR	ALL	1ST	10012224
463416.52000	3769532.46000	0.03677	331.02	331.02	0.00	24-HR	ALL	1ST	11121924
463281.15000	3769569.72000	0.00874	331.78	331.78	0.00	24-HR	ALL	1ST	12121224
463219.43000	3769544.24000	0.00832	330.98	330.98	0.00	24-HR	ALL	1ST	12120324
463157.71000	3769518.76000	0.00775	330.08	330.08	0.00	24-HR	ALL	1ST	8012524
463095.98000	3769493.29000	0.00677	329.05	329.05	0.00	24-HR	ALL	1ST	12121224
463052.23000	3769449.75000	0.00735	328.83	328.83	0.00	24-HR	ALL	1ST	12121224
463026.46000	3769388.15000	0.00819	328.08	328.08	0.00	24-HR	ALL	1ST	10022724
463000.68000	3769326.55000	0.00925	327.67	327.67	0.00	24-HR	ALL	1ST	10022724
462974.90000	3769264.96000	0.01572	327.00	327.00	0.00	24-HR	ALL	1ST	11121924
463346.85000	3769582.46000	0.01180	332.20	332.20	0.00	24-HR	ALL	1ST	10012224
463416.52000	3769582.46000	0.02999	334.10	334.10	0.00	24-HR	ALL	1ST	11121924
463280.66000	3769619.52000	0.00735	332.64	332.64	0.00	24-HR	ALL	1ST	12121224
463217.96000	3769593.64000	0.00758	331.88	331.88	0.00	24-HR	ALL	1ST	12120324
463155.26000	3769567.75000	0.00676	331.00	331.00	0.00	24-HR	ALL	1ST	8012524
463092.56000	3769541.87000	0.00614	329.87	329.87	0.00	24-HR	ALL	1ST	8012524
463016.76000	3769484.70000	0.00616	329.00	329.00	0.00	24-HR	ALL	1ST	12121224
462990.57000	3769422.12000	0.00677	329.00	329.00	0.00	24-HR	ALL	1ST	12121224
462964.39000	3769359.55000	0.00742	328.14	328.14	0.00	24-HR	ALL	1ST	10022724
462938.20000	3769296.97000	0.00860	328.00	328.00	0.00	24-HR	ALL	1ST	11121924
463346.85000	3769632.46000	0.00996	333.00	333.00	0.00	24-HR	ALL	1ST	10012224
463416.52000	3769632.46000	0.01931	334.90	334.90	0.00	24-HR	ALL	1ST	10012224
463280.27000	3769669.36000	0.00626	334.00	334.00	0.00	24-HR	ALL	1ST	12121224
463216.78000	3769643.15000	0.00696	333.23	333.23	0.00	24-HR	ALL	1ST	12120324
463153.30000	3769616.94000	0.00624	332.35	332.35	0.00	24-HR	ALL	1ST	12120324
463089.81000	3769590.74000	0.00584	331.48	331.48	0.00	24-HR	ALL	1ST	8012524
463026.33000	3769564.53000	0.00493	330.61	330.61	0.00	24-HR	ALL	1ST	12121224
462981.33000	3769519.75000	0.00532	330.00	330.00	0.00	24-HR	ALL	1ST	12121224
462954.81000	3769456.39000	0.00577	329.50	329.50	0.00	24-HR	ALL	1ST	12121224
462928.30000	3769393.04000	0.00620	329.00	329.00	0.00	24-HR	ALL	1ST	10022724
462901.79000	3769329.68000	0.00615	328.78	328.78	0.00	24-HR	ALL	1ST	10123124
462875.27000	3769266.32000	0.00818	327.71	327.71	0.00	24-HR	ALL	1ST	10121824



463346.85000	3769682.46000	0.00852	334.00	334.00	0.00	24-HR	ALL	1ST	10012224
463416.52000	3769682.46000	0.01161	335.00	335.00	0.00	24-HR	ALL	1ST	10012224
463279.95000	3769719.22000	0.00552	334.76	334.76	0.00	24-HR	ALL	1ST	10012224
463215.82000	3769692.75000	0.00619	334.00	334.00	0.00	24-HR	ALL	1ST	12120324
463151.69000	3769666.28000	0.00624	334.00	334.00	0.00	24-HR	ALL	1ST	12120324
463087.57000	3769639.81000	0.00538	333.12	333.12	0.00	24-HR	ALL	1ST	8012524
463023.44000	3769613.34000	0.00469	331.84	331.84	0.00	24-HR	ALL	1ST	8012524
462945.92000	3769554.87000	0.00472	330.85	330.85	0.00	24-HR	ALL	1ST	12121224
462919.14000	3769490.87000	0.00509	330.10	330.10	0.00	24-HR	ALL	1ST	12121224
462892.36000	3769426.88000	0.00557	330.00	330.00	0.00	24-HR	ALL	1ST	10022724
462865.58000	3769362.88000	0.00512	329.00	329.00	0.00	24-HR	ALL	1ST	10022724
462838.80000	3769298.88000	0.00596	328.27	328.27	0.00	24-HR	ALL	1ST	10121824
463346.85000	3769732.46000	0.00749	335.20	335.20	0.00	24-HR	ALL	1ST	10012224
463416.52000	3769732.46000	0.00991	338.28	341.00	0.00	24-HR	ALL	1ST	10012224
463466.52000	3769232.46000	0.05048	325.00	325.00	0.00	24-HR	ALL	1ST	10101724
463466.52000	3769183.08000	0.05210	324.94	324.94	0.00	24-HR	ALL	1ST	11040324
463466.52000	3769133.70000	0.04133	324.11	324.11	0.00	24-HR	ALL	1ST	8051224
463501.88000	3769267.82000	0.04022	325.19	325.19	0.00	24-HR	ALL	1ST	9120624
463516.52000	3769183.08000	0.03432	324.69	324.69	0.00	24-HR	ALL	1ST	11040324
463516.52000	3769133.70000	0.02563	324.00	324.00	0.00	24-HR	ALL	1ST	8051224
463551.88000	3769267.82000	0.03167	325.00	325.00	0.00	24-HR	ALL	1ST	9120624
463487.23000	3769353.17000	0.03074	326.56	326.56	0.00	24-HR	ALL	1ST	12120224
463566.52000	3769183.08000	0.02489	324.00	324.00	0.00	24-HR	ALL	1ST	11040324
463566.52000	3769133.70000	0.01863	324.00	324.00	0.00	24-HR	ALL	1ST	8051224
463601.88000	3769267.82000	0.02533	324.72	324.72	0.00	24-HR	ALL	1ST	10101724
463572.59000	3769338.53000	0.02161	325.91	325.91	0.00	24-HR	ALL	1ST	9120624
463522.59000	3769388.53000	0.02302	327.00	327.00	0.00	24-HR	ALL	1ST	12120224
463616.52000	3769183.08000	0.01974	323.39	323.39	0.00	24-HR	ALL	1ST	10121424
463616.52000	3769133.70000	0.01453	323.00	323.00	0.00	24-HR	ALL	1ST	8051224
463648.21000	3769276.65000	0.02028	324.39	324.39	0.00	24-HR	ALL	1ST	10101724
463629.91000	3769320.85000	0.01904	325.00	325.00	0.00	24-HR	ALL	1ST	9120624
463611.60000	3769365.04000	0.01751	325.96	325.96	0.00	24-HR	ALL	1ST	9120624
463549.10000	3769427.54000	0.01863	327.70	327.70	0.00	24-HR	ALL	1ST	12120224
463504.91000	3769445.85000	0.02008	328.00	328.00	0.00	24-HR	ALL	1ST	12120224
463460.71000	3769464.15000	0.02591	328.73	328.73	0.00	24-HR	ALL	1ST	10012224
463666.52000	3769232.46000	0.02662	323.89	323.89	0.00	24-HR	ALL	1ST	11040324
463666.52000	3769183.08000	0.01685	323.00	323.00	0.00	24-HR	ALL	1ST	10121424
463666.52000	3769133.70000	0.01197	322.83	322.83	0.00	24-HR	ALL	1ST	11112024
463698.95000	3769274.89000	0.01784	324.00	324.00	0.00	24-HR	ALL	1ST	10121424
463681.37000	3769317.31000	0.01589	324.54	324.54	0.00	24-HR	ALL	1ST	11040324
463663.80000	3769359.74000	0.01551	325.00	325.00	0.00	24-HR	ALL	1ST	9120624



463843.30000	3769409.24000	0.00880	323.43	323.43	0.00	24-HR	ALL	1ST	9120624
463824.99000	3769453.43000	0.00877	324.90	324.90	0.00	24-HR	ALL	1ST	9120624
463806.69000	3769497.63000	0.00811	325.44	325.44	0.00	24-HR	ALL	1ST	9120624
463788.38000	3769541.82000	0.00762	326.85	326.85	0.00	24-HR	ALL	1ST	11081324
463725.88000	3769604.32000	0.00810	328.74	328.74	0.00	24-HR	ALL	1ST	12120224
463681.69000	3769622.63000	0.00832	329.27	329.27	0.00	24-HR	ALL	1ST	12120224
463637.49000	3769640.93000	0.00855	330.74	330.74	0.00	24-HR	ALL	1ST	10112124
463593.30000	3769659.24000	0.00857	332.02	332.02	0.00	24-HR	ALL	1ST	12120224
463549.10000	3769677.54000	0.00957	333.80	333.80	0.00	24-HR	ALL	1ST	10112024
463504.91000	3769695.85000	0.01018	334.99	342.00	0.00	24-HR	ALL	1ST	10012224
463460.71000	3769714.15000	0.01071	337.00	342.00	0.00	24-HR	ALL	1ST	10012224
463916.52000	3769232.46000	0.00868	321.00	321.00	0.00	24-HR	ALL	1ST	8051224
463916.52000	3769183.08000	0.00708	320.94	320.94	0.00	24-HR	ALL	1ST	8051224
463916.52000	3769133.70000	0.00558	320.11	320.11	0.00	24-HR	ALL	1ST	11101124
463434.28000	3769091.04000	0.04662	324.00	324.00	0.00	24-HR	ALL	1ST	10010524
463381.64000	3769083.62000	0.06161	324.00	324.00	0.00	24-HR	ALL	1ST	12010324
463311.64000	3769083.46000	0.07255	323.23	323.23	0.00	24-HR	ALL	1ST	11101124
463440.27000	3769043.49000	0.03382	324.00	324.00	0.00	24-HR	ALL	1ST	11101124
463497.05000	3769086.61000	0.02341	324.00	324.00	0.00	24-HR	ALL	1ST	10010524
463381.75000	3769033.62000	0.03839	323.98	323.98	0.00	24-HR	ALL	1ST	12010324
463311.76000	3769033.46000	0.04338	323.00	323.00	0.00	24-HR	ALL	1ST	11101124
463443.32000	3768994.71000	0.02715	323.61	323.61	0.00	24-HR	ALL	1ST	11101124
463496.25000	3769016.74000	0.01751	324.00	324.00	0.00	24-HR	ALL	1ST	11101124
463533.66000	3769054.24000	0.01667	324.00	324.00	0.00	24-HR	ALL	1ST	11101124
463381.87000	3768983.62000	0.02903	323.18	323.18	0.00	24-HR	ALL	1ST	10010524
463311.87000	3768983.46000	0.02972	323.00	323.00	0.00	24-HR	ALL	1ST	12010324
463445.20000	3768945.45000	0.02367	323.00	323.00	0.00	24-HR	ALL	1ST	11101124
463501.65000	3768968.94000	0.01396	323.00	323.00	0.00	24-HR	ALL	1ST	11101124
463569.79000	3769020.69000	0.01256	323.00	323.00	0.00	24-HR	ALL	1ST	11101124
463593.15000	3769077.20000	0.01256	323.08	323.08	0.00	24-HR	ALL	1ST	11101124
463381.98000	3768933.62000	0.02381	322.58	322.58	0.00	24-HR	ALL	1ST	11120224
463311.99000	3768933.46000	0.02193	322.23	322.23	0.00	24-HR	ALL	1ST	9121624
463446.49000	3768895.94000	0.02120	322.32	322.32	0.00	24-HR	ALL	1ST	12010324
463505.30000	3768920.41000	0.01198	322.26	322.26	0.00	24-HR	ALL	1ST	11101124
463564.10000	3768944.89000	0.00956	322.95	322.95	0.00	24-HR	ALL	1ST	11101124
463605.67000	3768986.55000	0.00981	322.27	322.27	0.00	24-HR	ALL	1ST	11101124
463630.01000	3769045.41000	0.00972	322.30	322.30	0.00	24-HR	ALL	1ST	11101124
463382.09000	3768883.62000	0.02089	321.91	321.91	0.00	24-HR	ALL	1ST	9121624
463312.10000	3768883.46000	0.01724	321.90	321.90	0.00	24-HR	ALL	1ST	12010324
463447.45000	3768846.29000	0.01902	321.00	321.00	0.00	24-HR	ALL	1ST	11101124
463507.93000	3768871.46000	0.01059	321.50	321.50	0.00	24-HR	ALL	1ST	11101124

463568.41000	3768896.64000	0.00818	322.00	322.00	0.00	24-HR	ALL	1ST	9122424
463641.41000	3768952.08000	0.00785	321.68	321.68	0.00	24-HR	ALL	1ST	11101124
463666.45000	3769012.62000	0.00804	321.82	321.82	0.00	24-HR	ALL	1ST	11101124
463691.48000	3769073.16000	0.00859	321.95	321.95	0.00	24-HR	ALL	1ST	11112024
463382.21000	3768833.62000	0.01846	321.00	321.00	0.00	24-HR	ALL	1ST	9121624
463312.22000	3768833.46000	0.01400	321.00	321.00	0.00	24-HR	ALL	1ST	12010324
463448.19000	3768796.55000	0.01649	320.01	320.01	0.00	24-HR	ALL	1ST	11101124
463509.93000	3768822.25000	0.00938	320.86	320.86	0.00	24-HR	ALL	1ST	11101124
463571.68000	3768847.95000	0.00717	320.72	320.72	0.00	24-HR	ALL	1ST	10011024
463633.42000	3768873.65000	0.00620	320.50	320.50	0.00	24-HR	ALL	1ST	9122424
463677.07000	3768917.40000	0.00639	320.44	320.44	0.00	24-HR	ALL	1ST	11101124
463702.63000	3768979.20000	0.00676	321.00	321.00	0.00	24-HR	ALL	1ST	11101124
463728.18000	3769041.00000	0.00680	321.00	321.00	0.00	24-HR	ALL	1ST	11112024
463382.32000	3768783.62000	0.01572	319.58	319.58	0.00	24-HR	ALL	1ST	9121624
463312.33000	3768783.46000	0.01157	319.57	319.57	0.00	24-HR	ALL	1ST	12010324
463448.80000	3768746.75000	0.01180	318.37	318.37	0.00	24-HR	ALL	1ST	10010524
463511.52000	3768772.86000	0.00810	319.22	319.22	0.00	24-HR	ALL	1ST	11101124
463574.24000	3768798.97000	0.00620	319.86	319.86	0.00	24-HR	ALL	1ST	11101124
463636.96000	3768825.07000	0.00549	319.72	319.72	0.00	24-HR	ALL	1ST	9122424
463712.67000	3768882.57000	0.00529	319.23	319.23	0.00	24-HR	ALL	1ST	11101124
463738.63000	3768945.35000	0.00575	319.98	319.98	0.00	24-HR	ALL	1ST	11101124
463764.59000	3769008.14000	0.00556	320.53	320.53	0.00	24-HR	ALL	1ST	11101124
463790.56000	3769070.92000	0.00633	321.00	321.00	0.00	24-HR	ALL	1ST	12111724
463382.44000	3768733.62000	0.01216	318.69	318.69	0.00	24-HR	ALL	1ST	12010324
463312.44000	3768733.46000	0.00966	317.96	317.96	0.00	24-HR	ALL	1ST	12010324
463449.30000	3768696.92000	0.00863	318.00	318.00	0.00	24-HR	ALL	1ST	10010524
463512.81000	3768723.35000	0.00692	319.00	319.00	0.00	24-HR	ALL	1ST	11101124
463576.32000	3768749.78000	0.00551	319.00	319.00	0.00	24-HR	ALL	1ST	11101124
463639.82000	3768776.22000	0.00483	318.77	318.77	0.00	24-HR	ALL	1ST	9123024
463703.33000	3768802.65000	0.00435	318.21	318.21	0.00	24-HR	ALL	1ST	9122424
463748.23000	3768847.65000	0.00446	318.72	318.72	0.00	24-HR	ALL	1ST	11101124
463774.51000	3768911.22000	0.00493	319.00	319.00	0.00	24-HR	ALL	1ST	11101124
463800.80000	3768974.78000	0.00479	319.95	319.95	0.00	24-HR	ALL	1ST	11101124
463827.09000	3769038.35000	0.00521	320.03	320.03	0.00	24-HR	ALL	1ST	12111724
463382.55000	3768683.62000	0.00889	317.24	317.24	0.00	24-HR	ALL	1ST	12010324
463312.56000	3768683.46000	0.00827	317.13	317.13	0.00	24-HR	ALL	1ST	12010324
463449.74000	3768647.05000	0.00697	318.00	318.00	0.00	24-HR	ALL	1ST	10010524
463513.89000	3768673.75000	0.00589	318.00	318.00	0.00	24-HR	ALL	1ST	10010524
463578.03000	3768700.45000	0.00491	318.00	318.00	0.00	24-HR	ALL	1ST	11101124
463642.18000	3768727.15000	0.00428	318.00	318.00	0.00	24-HR	ALL	1ST	10011024
463706.33000	3768753.85000	0.00394	317.77	317.77	0.00	24-HR	ALL	1ST	9122424

463783.75000	3768812.66000	0.00380	317.54	317.54	0.00	24-HR	ALL	1ST	11101124
463810.31000	3768876.86000	0.00427	318.00	318.00	0.00	24-HR	ALL	1ST	11101124
463836.86000	3768941.07000	0.00418	319.00	319.00	0.00	24-HR	ALL	1ST	11101124
463863.41000	3769005.28000	0.00431	319.20	319.20	0.00	24-HR	ALL	1ST	12111724
463889.97000	3769069.49000	0.00479	319.39	319.39	0.00	24-HR	ALL	1ST	12111724
463382.67000	3768633.62000	0.00734	317.00	317.00	0.00	24-HR	ALL	1ST	9121624
463312.67000	3768633.46000	0.00717	317.00	317.00	0.00	24-HR	ALL	1ST	12010324
463261.53000	3769133.70000	0.06289	324.00	324.00	0.00	24-HR	ALL	1ST	11010124
463261.77000	3769183.20000	0.05969	324.90	324.90	0.00	24-HR	ALL	1ST	10121824
463262.01000	3769232.70000	0.05160	325.55	325.55	0.00	24-HR	ALL	1ST	11121924
463226.13000	3769098.39000	0.04046	323.07	323.07	0.00	24-HR	ALL	1ST	11010124
463211.77000	3769183.44000	0.03632	324.90	324.90	0.00	24-HR	ALL	1ST	10121824
463212.01000	3769232.94000	0.03750	325.55	325.55	0.00	24-HR	ALL	1ST	11121924
463176.13000	3769098.63000	0.02966	323.08	323.08	0.00	24-HR	ALL	1ST	11010124
463240.84000	3769012.84000	0.02542	322.22	322.22	0.00	24-HR	ALL	1ST	12122924
463161.77000	3769183.69000	0.02642	324.91	324.91	0.00	24-HR	ALL	1ST	10121824
463126.13000	3769098.88000	0.02188	323.80	323.80	0.00	24-HR	ALL	1ST	11010124
463155.33000	3769027.77000	0.01996	322.71	322.71	0.00	24-HR	ALL	1ST	11010124
463205.44000	3768977.53000	0.01858	322.00	322.00	0.00	24-HR	ALL	1ST	12122924
463111.77000	3769183.93000	0.02089	324.94	324.94	0.00	24-HR	ALL	1ST	10121824
463112.01000	3769233.43000	0.02726	325.68	325.68	0.00	24-HR	ALL	1ST	10121824
463079.78000	3769090.23000	0.01714	324.00	324.00	0.00	24-HR	ALL	1ST	11010124
463098.03000	3769045.79000	0.01815	323.23	323.23	0.00	24-HR	ALL	1ST	11010124
463116.28000	3769001.35000	0.01602	322.83	322.83	0.00	24-HR	ALL	1ST	11010124
463178.92000	3768938.55000	0.01474	321.74	321.74	0.00	24-HR	ALL	1ST	12111124
463223.31000	3768920.19000	0.01661	321.53	321.53	0.00	24-HR	ALL	1ST	12010324
463267.71000	3768901.82000	0.01828	321.97	321.97	0.00	24-HR	ALL	1ST	12010324
463061.53000	3769134.67000	0.01440	324.95	324.95	0.00	24-HR	ALL	1ST	11010124
463061.77000	3769184.17000	0.01736	325.00	325.00	0.00	24-HR	ALL	1ST	10121824
463029.05000	3769092.25000	0.01339	324.00	324.00	0.00	24-HR	ALL	1ST	11010124
463046.57000	3769049.59000	0.01474	323.44	323.44	0.00	24-HR	ALL	1ST	11010124
463064.09000	3769006.93000	0.01447	323.00	323.00	0.00	24-HR	ALL	1ST	11010124
463081.61000	3768964.26000	0.01256	322.16	322.16	0.00	24-HR	ALL	1ST	11010124
463141.74000	3768903.97000	0.01142	321.00	321.00	0.00	24-HR	ALL	1ST	12122924
463184.36000	3768886.34000	0.01320	321.00	321.00	0.00	24-HR	ALL	1ST	12111124
463226.98000	3768868.72000	0.01442	321.00	321.00	0.00	24-HR	ALL	1ST	12010324
463269.60000	3768851.09000	0.01474	320.82	320.82	0.00	24-HR	ALL	1ST	12010324
463011.53000	3769134.91000	0.01165	325.00	325.00	0.00	24-HR	ALL	1ST	11010124
463011.77000	3769184.41000	0.01490	325.94	325.94	0.00	24-HR	ALL	1ST	10121824
463012.01000	3769233.91000	0.02274	326.34	326.34	0.00	24-HR	ALL	1ST	10121824
462978.57000	3769093.68000	0.01083	324.64	324.64	0.00	24-HR	ALL	1ST	11010124



462811.54000	3769135.88000	0.00542	326.00	0.00	24-HR	ALL	1ST	10121824
462811.78000	3769185.38000	0.00647	326.97	0.00	24-HR	ALL	1ST	10121824
462812.02000	3769234.88000	0.00698	327.62	0.00	24-HR	ALL	1ST	10121824
463311.53000	3769133.46000	0.19419	324.00	0.00	24-HR	ALL	1ST	11010124
463312.01000	3769232.46000	0.10587	325.54	0.00	24-HR	ALL	1ST	8012524
463416.52000	3769232.46000	0.06852	325.54	0.00	24-HR	ALL	1ST	12021024
463416.52000	3769133.70000	0.10448	324.25	0.00	24-HR	ALL	1ST	11112024

\*\* CONCENTR ug/m<sup>3</sup>  
 \*\* DEPOSIT g/m<sup>2</sup>