

**Air Quality Assessment  
5853 Rue Ferrari Project  
City of San José, California**

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**LIST OF ABBREVIATED TERMS**

AQMP	air quality management plan
AB	Assembly Bill
ADT	average daily traffic
BAAQMD	Bay Area Air Quality Management District
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAAQS	California Ambient Air Quality Standards
CCAA	California Clean Air Act
CalEEMod	California Emissions Estimator Model
CEQA	California Environmental Quality Act
CO	carbon monoxide
cy	cubic yards
DPM	diesel particulate matter
EPA	Environmental Protection Agency
FCAA	Federal Clean Air Act
H <sub>2</sub> S	hydrogen sulfide
Pb	Lead
LST	local significance threshold
µg/m <sup>3</sup>	micrograms per cubic meter
mg/m <sup>3</sup>	milligrams per cubic meter
NAAQS	National Ambient Air Quality Standards
NO <sub>2</sub>	nitrogen dioxide
NO <sub>x</sub>	nitrogen oxide
O <sub>3</sub>	Ozone
PM <sub>10</sub>	particulate matter less than 10 microns in diameter
PM <sub>2.5</sub>	particulate matter less than 2.5 microns in diameter
ppm	parts per million
ROG	reactive organic gases
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
SB	Senate Bill
SRA	source receptor area
SF	square foot
SO <sub>4-2</sub>	Sulfates
SO <sub>2</sub>	sulfur dioxide
TAC	toxic air contaminant
C <sub>2</sub> H <sub>3</sub> Cl	vinyl chloride
VOC	volatile organic compound

# 1 INTRODUCTION

This report describes the air quality conditions in the project area. The current condition and quality of air quality was used as the baseline against which to compare potential impacts of the project. The purpose of this Air Quality Assessment is to evaluate potential short- and long-term noise impacts resulting from implementation of the proposed 5853 Rue Ferrari project in the City of San José.

## 1.1 PROJECT LOCATION

The proposed project is located on 5853 Rue Ferrari (APN: 678-05-057) in the City of San José. [Figure 1: Regional Vicinity](#) and [Figure 2: Site Vicinity](#), depict the project site in a regional and local context. The project site is located in an urban area with a mix of surrounding uses including commercial, office, and industrial uses. The proposed project's existing land use designation is Combined Industrial/Commercial (CIC) and existing zoning designation is Industrial Park (IP).

Currently, the project site is developed with two industrial use buildings totaling 286,330 square feet. The existing buildings are located in the center of the parcel and include loading docks along the eastern and western elevations. Surface parking is available throughout the site, with automobile parking along all sides of the existing buildings. The project site has existing landscaping along all site boundaries. There are 345 existing trees throughout the project site. The project site also has existing light fixtures.

## 1.2 PROJECT DESCRIPTION

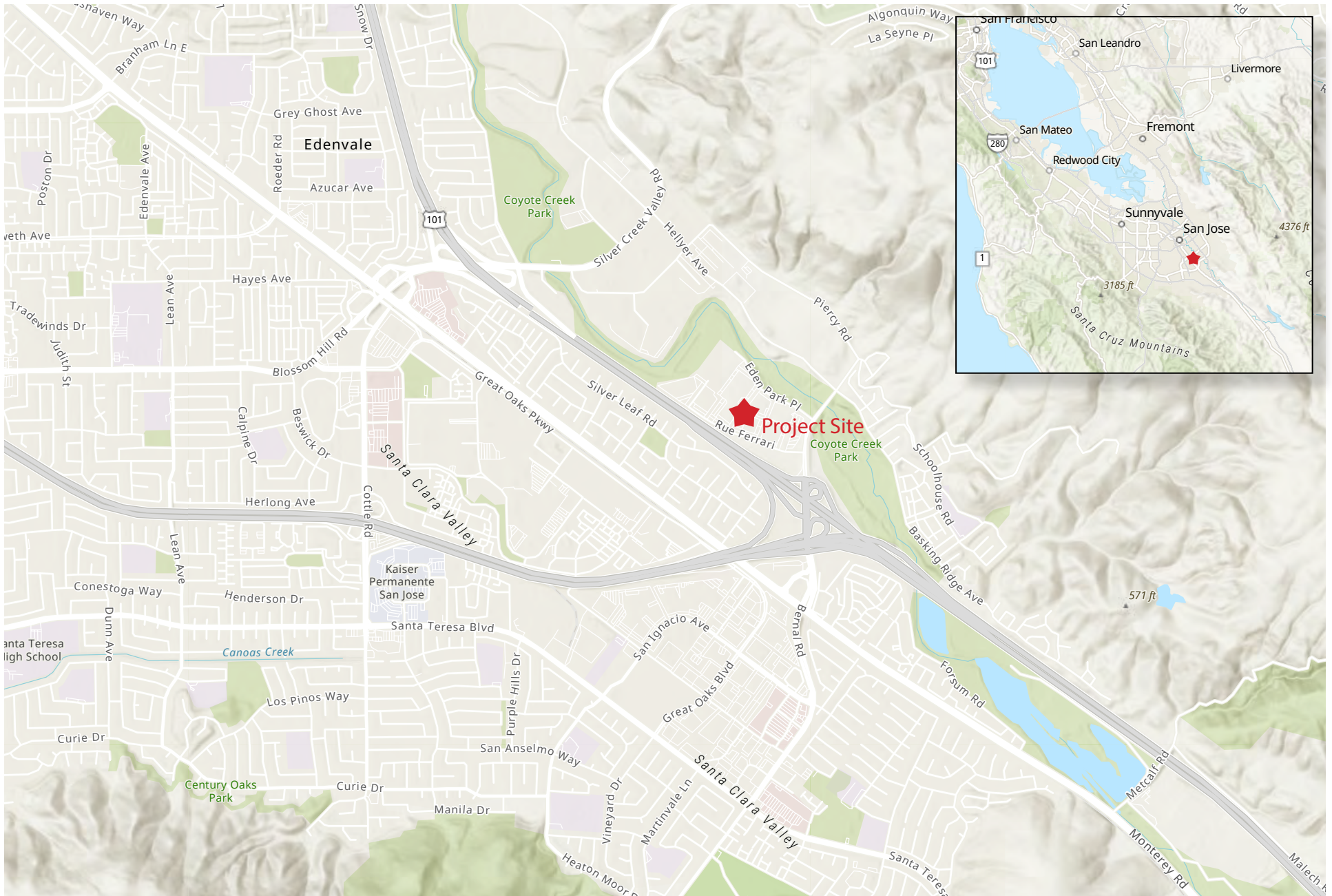
The project site is located at 5853 Rue Ferrari in the City of San José, California on an approximate 17.38-acre parcel. The proposed 5853 Rue Ferrari project (proposed project or project) would demolish the two existing warehouse buildings and construct one industrial warehouse building with a loading dock area on the west side of the warehouse building. Construction of the project is expected to commence in February 2022 and last for approximately 1 year. The proposed development would contain approximately 292,772 square feet of warehouse space and 10,000 square feet of office space, see [Figure 3: Site Plan](#).

The proposed warehouse building would include 47 loading dock doors for trailer, box, and recycling trucks on the west side of the warehouse building. The proposed project also includes surface parking with 110 trailer truck stalls and 301 automobile stalls on site. Automobile parking would be located north, east, and south of the warehouse building while the trailer truck parking would be located west of the warehouse building. Additionally, 10 motorcycle parking spaces and 60 bicycle parking spaces would be located around the office space. The primary pedestrian entrance to the building would be provided from Rue Ferrari. Access to the project site would be provided by four driveways, two off Rue Ferrari and two off Eden Park Place.

The project site has mature landscape vegetation including trees and shrubs along the site boundary and throughout the surface parking lot. The proposed project would include additional landscaping throughout the site would include a mix of trees, grasses, shrubs and groundcover.

The project site is designated as Combined Industrial/Commercial (CIC) by the General Plan, which allows for warehousing uses. The project site is zoned as Industrial Park (IP). The IP Zoning District allows for a warehouse/distribution facility.





Source: USGS, 2021

**Figure 1: Regional Map**

5853 Rue Ferrari Project



Not to scale

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Source: Nearmap, 2021

**Figure 2: Project Vicinity Map**

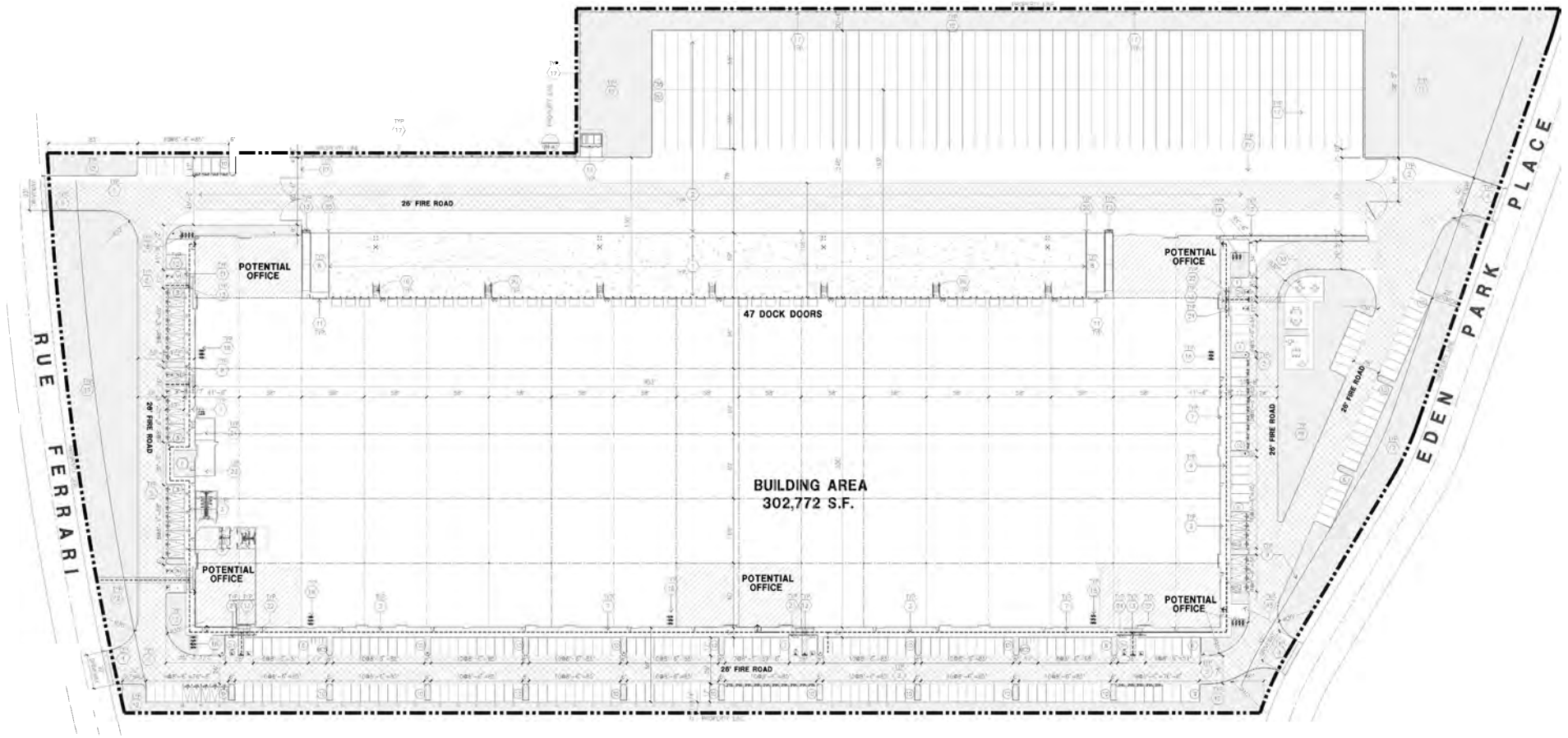
5853 Rue Ferrari Project



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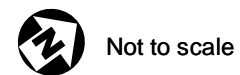
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Source: Duke Realty, 2021

**Figure 3: Site Plan**  
5853 Rue Ferrari Project



## 2 ENVIRONMENTAL SETTING

### 2.1 CLIMATE AND METEOROLOGY

The California Air Resources Board (CARB) divides the State into 15 air basins that share similar meteorological and topographical features. The project is located within the San Francisco Bay Area Air Basin (Basin). This Basin comprises all of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, and Santa Clara counties, the southern portion of Sonoma County, and the southwestern portion of Solano County. Air quality in this area is determined by such natural factors as topography, meteorology, and climate, in addition to the presence of existing air pollution sources and ambient conditions. These factors along with applicable regulations are discussed below. The Bay Area Air Quality Management District (BAAQMD) is responsible for local control and monitoring of criteria air pollutants throughout the Basin.

Climate, or the average weather condition, affects air quality in several ways. Wind patterns can remove or add air pollutants emitted by stationary or mobile sources. Inversion, a condition where warm air traps cooler air underneath it, can hold pollutants near the ground by limiting upward mixing (dilution). Topography also affects the local climate, as valleys often trap emissions by limiting lateral dispersal.

The inversions typical of winter, called radiation inversions, are formed as heat quickly radiates from the earth's surface after sunset, causing the air in contact with it to rapidly cool. Radiation inversions are strongest on clear, low-wind, cold winter nights, allowing the build-up of such pollutants as carbon monoxide and particulate matter. When wind speeds are low, there is little mechanical turbulence to mix the air, resulting in a layer of warm air over a layer of cooler air next to the ground. During radiation inversions downwind transport is slow, the mixing depths are shallow, and turbulence is minimal, all factors which contribute to ozone formation.

The frequency of hot, sunny days during the summer months in the Basin is another important factor that affects air pollution potential. It is at the higher temperatures that ozone is formed. In the presence of ultraviolet sunlight and warm temperatures, reactive organic gases and oxides of nitrogen react to form secondary photochemical pollutants, including ozone.

The climate is dominated by the location and strength of a semi-permanent, subtropical high-pressure cell. In the summer, the Pacific cell is centered over the northeastern Pacific Ocean, resulting in stable meteorological conditions and a steady northwesterly wind flow. Upwelling of cold ocean water from below the surface because of the northwesterly flow produces a band of cold water off the coast which results in condensation and the presence of fog and stratus clouds along the coast. In the winter, the high-pressure cell weakens and shifts southward, resulting in increased wind flow offshore, the absence of upwelling, and the occurrence of storms.

The Basin is characterized by moderately wet winters (November through March) and dry summers. The rainfall in the mountains reaches 40 inches while the valley sees less than 16 inches. Generally, coastal temperatures can be 35 degrees Fahrenheit cooler than temperatures 15 to 20 miles inland. At night, this contrast usually decreases to less than 10 degrees Fahrenheit. In the winter, the relationship of minimum and maximum temperatures is reversed.

The project site is located in the City of San José and Santa Clara County; on the southern perimeter of the San Francisco Bay. The City of San José has a generally mild climate, with average temperatures in the low 80's Fahrenheit in the summer and high 50's Fahrenheit in the winter. The annual rainfall is approximately 15 inches in the City, primarily between November and April. The regulatory section below discusses the various buffer zones around sources of air pollution sufficient to avoid adverse health and nuisance impacts on nearby receptors.

## 2.2 AIR POLLUTANTS OF PRIMARY CONCERN

The air pollutants emitted into the ambient air by stationary and mobile sources are regulated by federal and state laws. These regulated air pollutants are known as "criteria air pollutants" and are categorized into primary and secondary pollutants. Primary air pollutants are those that are emitted directly from sources. Carbon monoxide (CO), reactive organic gases (ROG), nitrogen oxide (NO<sub>x</sub>), sulfur dioxide (SO<sub>2</sub>), coarse particulate matter (PM<sub>10</sub>), fine particulate matter (PM<sub>2.5</sub>), and lead are primary air pollutants. Of these, CO, NO<sub>x</sub>, SO<sub>2</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> are criteria pollutants. ROG and NO<sub>x</sub> are criteria pollutant precursors and go on to form secondary criteria pollutants through chemical and photochemical reactions in the atmosphere. For example, the criteria pollutant ozone (O<sub>3</sub>) is formed by a chemical reaction between ROG and NO<sub>x</sub> in the presence of sunlight. O<sub>3</sub> and nitrogen dioxide (NO<sub>2</sub>) are the principal secondary pollutants. Sources and health effects commonly associated with criteria pollutants are summarized in [Table 1: Air Contaminants and Associated Public Health Concerns](#).

Ozone, or smog, is not emitted directly into the environment, but is formed in the atmosphere by complex chemical reactions between ROG and NO<sub>x</sub> in the presence of sunlight. Ozone formation is greatest on warm, windless, sunny days. The main sources of NO<sub>x</sub> and ROG, often referred to as ozone precursors, are combustion processes (including motor vehicle engines) the evaporation of solvents, paints, and fuels, and biogenic sources. Automobiles are the single largest source of ozone precursors in the Basin. Tailpipe emissions of ROG are highest during cold starts, hard acceleration, stop-and-go conditions, and slow speeds. They decline as speeds increase up to about 50 miles per hour (mph), then increase again at high speeds and high engine loads. ROG emissions associated with evaporation of unburned fuel depend on vehicle and ambient temperature cycles. Nitrogen oxide emissions exhibit a different curve; emissions decrease as the vehicle approaches 30 mph and then begin to increase with increasing speeds.

Ozone levels usually build up during the day and peak in the afternoon hours. Short-term exposure can irritate the eyes and cause constriction of the airways. Besides causing shortness of breath, it can aggravate existing respiratory diseases such as asthma, bronchitis and emphysema. Chronic exposure to high ozone levels can permanently damage lung tissue. Ozone can also damage plants and trees, and materials such as rubber and fabrics.

**Table 1: Air Contaminants and Associated Public Health Concerns**

Pollutant	Major Man-Made Sources	Human Health Effects
Particulate Matter (PM <sub>10</sub> and PM <sub>2.5</sub> )	Power plants, steel mills, chemical plants, unpaved roads and parking lots, wood-burning stoves and fireplaces, automobiles and others.	Increased respiratory symptoms, such as irritation of the airways, coughing, or difficulty breathing; asthma; chronic bronchitis; irregular heartbeat; nonfatal heart attacks; and premature death in people with heart or lung disease. Impairs visibility.
Ozone (O <sub>3</sub> )	Formed by a chemical reaction between reactive organic gases/volatile organic compounds (ROG or VOC) <sup>1</sup> and nitrogen oxides (NO <sub>x</sub> ) in the presence of sunlight. Motor vehicle exhaust industrial emissions, gasoline storage and transport, solvents, paints and landfills.	Irritates and causes inflammation of the mucous membranes and lung airways; causes wheezing, coughing, and pain when inhaling deeply; decreases lung capacity; aggravates lung and heart problems. Damages plants; reduces crop yield.
Sulfur Dioxide (SO <sub>2</sub> )	A colorless gas formed when fuel containing sulfur is burned and when gasoline is extracted from oil. Examples are petroleum refineries, cement manufacturing, metal processing facilities, locomotives, and ships.	Respiratory irritant. Aggravates lung and heart problems. In the presence of moisture and oxygen, sulfur dioxide converts to sulfuric acid which can damage marble, iron and steel. Damages crops and natural vegetation. Impairs visibility. Precursor to acid rain.
Carbon Monoxide (CO)	An odorless, colorless gas formed when carbon in fuel is not burned completely; a component of motor vehicle exhaust.	Reduces the ability of blood to deliver oxygen to vital tissues, affecting the cardiovascular and nervous system. Impairs vision, causes dizziness, and can lead to unconsciousness or death.
Nitrogen Dioxide (NO <sub>2</sub> )	A reddish-brown gas formed during fuel combustion for motor vehicles and industrial sources. Sources include motor vehicles, electric utilities, and other sources that burn fuel.	Respiratory irritant; aggravates lung and heart problems. Precursor to ozone. Contributes to global warming and nutrient overloading which deteriorates water quality. Causes brown discoloration of the atmosphere.
Lead (Pb)	Lead is a metal found naturally in the environment as well as in manufactured products. The major sources of lead emissions have historically been motor vehicles (such as cars and trucks) and industrial sources. Due to the phase out of leaded gasoline, metals processing is the major source of lead emissions to the air today. The highest levels of lead in air are generally found near lead smelters. Other stationary sources are waste incinerators, utilities, and lead-acid battery manufacturers.	Exposure to lead occurs mainly through inhalation of air and ingestion of lead in food, water, soil, or dust. It accumulates in the blood, bones, and soft tissues and can adversely affect the kidneys, liver, nervous system, and other organs. Excessive exposure to lead may cause neurological impairments such as seizures, mental retardation, and behavioral disorders. Even at low doses, lead exposure is associated with damage to the nervous systems of fetuses and young children, resulting in learning deficits and lowered IQ.
<p><sup>1</sup> Volatile Organic Compounds (VOCs or Reactive Organic Gases [ROG]) are hydrocarbons/organic gases that are formed solely of hydrogen and carbon. There are several subsets of organic gases including ROGs and VOCs. Both ROGs and VOCs are emitted from the incomplete combustion of hydrocarbons or other carbon-based fuels. The major sources of hydrocarbons are combustion engine exhaust, oil refineries, and oil-fueled power plants; other common sources are petroleum fuels, solvents, dry cleaning solutions, and paint (via evaporation).</p> <p>Source: California Air Pollution Control Officers Association (CAPCOA), <i>Health Effects</i>, <a href="http://capcoa.org/health-effects/">capcoa.org/health-effects/</a>, accessed August 16, 2021.</p>		

## Toxic Air Contaminants

Toxic air contaminants (TACs) are airborne substances that can cause short-term (acute) or long-term (chronic or carcinogenic, i.e., cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. They may be emitted from a variety of common sources including gasoline stations, automobiles, dry cleaners, industrial operations, and painting operations. The current California list of TACs includes more than 200 compounds, including particulate emissions from diesel-fueled engines.

CARB identified diesel particulate matter (DPM) as a toxic air contaminant. DPM differs from other TACs in that it is not a single substance but rather a complex mixture of hundreds of substances. Diesel exhaust is a complex mixture of particles and gases produced when an engine burns diesel fuel. DPM is a concern because it causes lung cancer; many compounds found in diesel exhaust are carcinogenic. DPM includes the particle-phase constituents in diesel exhaust. The chemical composition and particle sizes of DPM vary between different engine types (heavy-duty, light-duty), engine operating conditions (idle, accelerate, decelerate), fuel formulations (high/low sulfur fuel), and the year of the engine. Some short-term (acute) effects of diesel exhaust include eye, nose, throat, and lung irritation, and diesel exhaust can cause coughs, headaches, light-headedness, and nausea. DPM poses the greatest health risk among the TACs. Almost all diesel exhaust particle mass is 10 microns or less in diameter. Because of their extremely small size, these particles can be inhaled and eventually trapped in the bronchial and alveolar regions of the lung.

## 2.3 AMBIENT AIR QUALITY

CARB monitors ambient air quality at approximately 250 air monitoring stations across the state. Air quality monitoring stations usually measure pollutant concentrations ten feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. Existing levels of ambient air quality, historical trends, and projections near the project site are documented by measurements made by the Bay Area Air Quality Management District (BAAQMD)'s air pollution regulatory agency that maintains air quality monitoring stations, which process ambient air quality measurements.

Ozone ( $O_3$ ) and particulate matter ( $PM_{10}$  and  $PM_{2.5}$ ) are pollutants of concern in the BAAQMD. The closest air monitoring station to the project site that monitors ambient concentrations of these pollutants is the San Jose-Jackson Street Monitoring Station located approximately 9.2 miles northwest of the project site. Local air quality data from 2017 to 2019 is provided in [Table 2: Ambient Air Quality Data](#), which lists the monitored maximum concentrations and number of exceedances of federal or state air quality standards for each year. Particulate matter ( $PM_{10}$  and  $PM_{2.5}$ ) were both exceeded in 2019 at the closest monitoring station.

**Table 2: Ambient Air Quality Data**

Pollutant	San Jose- Jackson Street <sup>1</sup>		
	2017	2018	2019
<b>Ozone (O<sub>3</sub>)</b>			
1-hour Maximum Concentration (ppm)	0.121	0.078	0.095
8-hour Maximum Concentration (ppm)	0.098	0.061	0.081
<i>Number of Days Standard Exceeded</i>			
CAAQS 1-hour (>0.09 ppm)	3	0	1
NAAQS 8-hour (>0.070 ppm)	4	0	2
<b>Carbon Monoxide (CO)</b>			
1-hour Maximum Concentration (ppm)	2.15	2.51	1.71
<i>Number of Days Standard Exceeded</i>			
NAAQS 1-hour (>35 ppm)	0	0	0
CAAQS 1 hour (>20 ppm)	0	0	0
<b>Nitrogen Dioxide (NO<sub>2</sub>)</b>			
1-hour Maximum Concentration (ppm)	0.0675	0.0861	0.0598
<i>Number of Days Standard Exceeded</i>			
NAAQS 1-hour (>0.100 ppm)	0	0	0
CAAQS 1-hour (>0.18 ppm)	0	0	0
<b>Particulate Matter Less Than 2.5 Microns (PM<sub>2.5</sub>)</b>			
National 24-hour Maximum Concentration	49.7	133.9	27.6
State 24-hour Maximum Concentration	49.7	133.9	34.4
<i>Number of Days Standard Exceeded</i>			
NAAQS 24-hour (>150 µg/m <sup>3</sup> )	6	15	0
CAAQS 24-hour (>50 µg/m <sup>3</sup> )	11	13	13
<b>Particulate Matter Less Than 10 Microns (PM<sub>10</sub>)</b>			
National 24-hour Maximum Concentration	69.4	115.4	75.4
State 24-hour Maximum Concentration	69.8	121.8	77.1
<i>Number of Days Standard Exceeded</i>			
NAAQS 24-hour (>150 µg/m <sup>3</sup> )	0	0	0
CAAQS 24-hour (>50 µg/m <sup>3</sup> )	6	4	4
NAAQS = National Ambient Air Quality Standards; CAAQS = California Ambient Air Quality Standards; ppm = parts per million; µg/m <sup>3</sup> = micrograms per cubic meter; NM = not measured <sup>1</sup> Measurements taken at the San Jose-Jackson Street Monitoring Station located at 156B Jackson Street, San Jose, California 95112 (CARB# 43383).			
Source: All pollutant measurements are from the CARB Aerometric Data Analysis and Management system database (arb.ca.gov/adam) except for CO, which were retrieved from the CARB Air Quality and Meteorological Information System (https://www.arb.ca.gov/aqmis2/aqdselect.php, https://www.arb.ca.gov/qaweb/siteinfo.php).			

## 2.4 SENSITIVE RECEPTORS

Sensitive populations are more susceptible to the effects of air pollution than the general population. Sensitive receptors in proximity to localized sources of toxics are of particular concern. Land uses considered sensitive receptors include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes.

The Project site is located in an industrial area in City of San José. The surrounding land uses are predominantly commercial and industrial, with some housing to the east and west. The southeastern



boundary of the site is Rue Ferrari. Table 3: Sensitive Receptors, lists the distances and locations of nearby sensitive receptors. Figure 4: Sensitive Receptor Locations, shows the nearest sensitive receptors.

**Table 3: Sensitive Receptors**

Receptor Description	Distance and Direction from the Project Site
1. Carrington College	45 feet east
2. Gateway City Church and Daycare	45 feet east
3. Coyote Creek Trail	100 feet northeast
4. San Jose Emergency Interim Housing	300 feet southeast
5. Single family homes	400 feet southwest
6. Starlight High School	420 feet east

**Figure 4: Sensitive Receptors**

### 3 REGULATORY SETTING

#### 3.1 FEDERAL

##### Federal Clean Air Act

Air quality is federally protected by the Federal Clean Air Act (FCAA) and its amendments. Under the FCAA, the EPA developed the primary and secondary National Ambient Air Quality Standards (NAAQS) for the criteria air pollutants including ozone, NO<sub>2</sub>, CO, SO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, and lead. Depending on whether the standards are met or exceeded, the local air basin is classified as in “attainment” or “nonattainment.” Some areas are unclassified, which means no monitoring data are available. Unclassified areas are considered to be in attainment. Proposed projects in or near nonattainment areas could be subject to more stringent air-permitting requirements. The FCAA requires that each state prepare a State Implementation Plan (SIP) to demonstrate how it will attain the NAAQS within the federally imposed deadlines.

The U.S. Environmental Protection Agency (EPA) has designated enforcement of air pollution control regulations to the individual states. Applicable federal standards are summarized in [Table 4: State and Federal Ambient Air Quality Standards](#).

##### California Air Resources Board

CARB administers California’s air quality policy. The California Ambient Air Quality Standards (CAAQS) were established in 1969 pursuant to the Mulford-Carrell Act. These standards, included with the NAAQS in [Table 4](#), are generally more stringent and apply to more pollutants than the NAAQS. In addition to the criteria pollutants, CAAQS have been established for visibility reducing particulates, hydrogen sulfide, and sulfates. In general, the Bay Area experiences low concentrations of most pollutants when compared to federal standards, except for O<sub>3</sub> and PM, for which standards are exceeded periodically. With respect to federal standards, the Bay Area’s attainment status for 8-hour ozone is classified as “marginal nonattainment” and “nonattainment” for PM<sub>2.5</sub>. The region is also considered to be in nonattainment with the CAAQS for PM<sub>10</sub> and PM<sub>2.5</sub>. Area sources generate the majority of these airborne particulate emissions. The Basin is considered in attainment or unclassified with respect to the CO, NO<sub>2</sub> and SO<sub>2</sub> NAAQS and CAAQS.

The California Clean Air Act (CCAA), which was approved in 1988, requires that each local air district prepare and maintain an Air Quality Management Plan (AQMP) to achieve compliance with CAAQS. These AQMPs also serve as the basis for the preparation of the SIP for meeting federal clean air standards for the State of California. Like the EPA, CARB also designates areas within California as either attainment or nonattainment for each criteria pollutant based on whether the CAAQS have been achieved. Under the CCAA, areas are designated as nonattainment for a pollutant if air quality data shows that a state standard for the pollutant was violated at least once during the previous three calendar years. Exceedances that are affected by highly irregular or infrequent events such as wildfires, volcanoes, etc. are not considered violations of a State standard, and are not used as a basis for designating areas as nonattainment. The applicable State standards are summarized in [Table 4](#).

**Table 4: State and Federal Ambient Air Quality Standards**

Pollutant	Averaging Time	State Standards <sup>1</sup>		Federal Standards <sup>2</sup>	
		Concentration	Attainment Status	Concentration <sup>3</sup>	Attainment Status
Ozone (O <sub>3</sub> )	8 Hour	0.070 ppm (137 µg/m <sup>3</sup> )	N <sup>9</sup>	0.070 ppm	N <sup>4</sup>
	1 Hour	0.09 ppm (180 µg/m <sup>3</sup> )	N	NA	N/A <sup>5</sup>
Carbon Monoxide (CO)	8 Hour	9.0 ppm (10 mg/m <sup>3</sup> )	A	9 ppm (10 mg/m <sup>3</sup> )	A <sup>6</sup>
	1 Hour	20 ppm (23 mg/m <sup>3</sup> )	A	35 ppm (40 mg/m <sup>3</sup> )	A
Nitrogen Dioxide (NO <sub>2</sub> )	1 Hour	0.18 ppm (339 µg/m <sup>3</sup> )	A	0.100 ppm <sup>11</sup>	U
	Annual Arithmetic Mean	0.030 ppm (57 µg/m <sup>3</sup> )	-	0.053 ppm (100 µg/m <sup>3</sup> )	A
Sulfur Dioxide <sup>12</sup> (SO <sub>2</sub> )	24 Hour	0.04 ppm (105 µg/m <sup>3</sup> )	A	0.14 ppm (365 µg/m <sup>3</sup> )	A
	1 Hour	0.25 ppm (655 µg/m <sup>3</sup> )	A	0.075 ppm (196 µg/m <sup>3</sup> )	A
	Annual Arithmetic Mean	NA	-	0.03 ppm (80 µg/m <sup>3</sup> )	A
Particulate Matter (PM <sub>10</sub> )	24-Hour	50 µg/m <sup>3</sup>	N	150 µg/m <sup>3</sup>	-U
	Annual Arithmetic Mean	20 µg/m <sup>3</sup>	N <sup>7</sup>	NA	-
Fine Particulate Matter (PM <sub>2.5</sub> ) <sup>15</sup>	24-Hour	NA	-	35 µg/m <sup>3</sup>	U/A
	Annual Arithmetic Mean	12 µg/m <sup>3</sup>	N <sup>7</sup>	12 µg/m <sup>3</sup>	N
Sulfates (SO <sub>4-2</sub> )	24 Hour	25 µg/m <sup>3</sup>	A	NA	-
Lead (Pb) <sup>13, 14</sup>	30-Day Average	1.5 µg/m <sup>3</sup>	-	NA	A
	Calendar Quarter	NA	-	1.5 µg/m <sup>3</sup>	A
	Rolling 3-Month Average	NA	-	0.15 µg/m <sup>3</sup>	-
Hydrogen Sulfide (H <sub>2</sub> S)	1 Hour	0.03 ppm (42 µg/m <sup>3</sup> )	U	NA	-
Vinyl Chloride (C <sub>2</sub> H <sub>3</sub> Cl)	24 Hour	0.01 ppm (26 µg/m <sup>3</sup> )	-	NA	-
Visibility Reducing Particles <sup>8</sup>	8 Hour (10:00 to 18:00 PST)	-	U	-	-

A = attainment; N = nonattainment; U = unclassified; N/A = not applicable or no applicable standard; ppm = parts per million; µg/m<sup>3</sup> = micrograms per cubic meter; mg/m<sup>3</sup> = milligrams per cubic meter; - = not indicated or no information available.

- California standards for ozone, carbon monoxide (except Lake Tahoe), sulfur dioxide (1-hour and 24-hour), nitrogen dioxide, suspended particulate matter - PM<sub>10</sub>, and visibility reducing particles are values that are not to be exceeded. The standards for sulfates, Lake Tahoe carbon monoxide, lead, hydrogen sulfide, and vinyl chloride are not to be equaled or exceeded. If the standard is for a 1-hour, 8-hour or 24-hour average (i.e., all standards except for lead and the PM<sub>10</sub> annual standard), then some measurements may be excluded. In particular, measurements are excluded that CARB determines would occur less than once per year on the average. The Lake Tahoe CO standard is 6.0 ppm, a level one-half the national standard and two-thirds the state standard.
- National standards shown are the "primary standards" designed to protect public health. National standards other than for ozone, particulates and those based on annual averages are not to be exceeded more than once a year. The 1-hour ozone standard is attained if, during the most recent three-year period, the average number of days per year with maximum hourly concentrations above the standard is equal to or less than one. The 8-hour ozone standard is attained when the 3-year average of the 4<sup>th</sup> highest daily concentrations is 0.070 ppm (70 ppb) or less. The 24-hour PM<sub>10</sub> standard is attained when the 3-year average of the 99<sup>th</sup> percentile of monitored concentrations is less than 150 µg/m<sup>3</sup>. The 24-hour PM<sub>2.5</sub> standard is attained when the 3-year average of 98<sup>th</sup> percentiles is less than 35 µg/m<sup>3</sup>. Except for the national particulate standards, annual standards are met if the annual average falls below the standard at every site. The national annual particulate standard for PM<sub>10</sub> is met if the 3-year average falls below the standard at every site. The annual PM<sub>2.5</sub> standard is met if the 3-year average of annual averages spatially-averaged across officially designed clusters of sites falls below the standard.
- National air quality standards are set by the EPA at levels determined to be protective of public health with an adequate margin of safety.

4. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm. An area will meet the standard if the fourth-highest maximum daily 8-hour ozone concentration per year, averaged over three years, is equal to or less than 0.070 ppm. EPA will make recommendations on attainment designations by October 1, 2016, and issue final designations October 1, 2017. Nonattainment areas will have until 2020 to late 2037 to meet the health standard, with attainment dates varying based on the ozone level in the area.
5. The national 1-hour ozone standard was revoked by U.S. EPA on June 15, 2005.
6. In April 1998, the Bay Area was redesignated to attainment for the national 8-hour carbon monoxide standard.
7. In June 2002, CARB established new annual standards for PM<sub>2.5</sub> and PM<sub>10</sub>.
8. Statewide VRP Standard (except Lake Tahoe Air Basin): Particles in sufficient amount to produce an extinction coefficient of 0.23 per kilometer when the relative humidity is less than 70 percent. This standard is intended to limit the frequency and severity of visibility impairment due to regional haze and is equivalent to a 10-mile nominal visual range.
9. The 8-hour CA ozone standard was approved by the Air Resources Board on April 28, 2005 and became effective on May 17, 2006.
10. On January 9, 2013, EPA issued a final rule to determine that the Bay Area attains the 24-hour PM<sub>2.5</sub> national standard. This EPA rule suspends key SIP requirements as long as monitoring data continues to show that the Bay Area attains the standard. Despite this EPA action, the Bay Area will continue to be designated as “nonattainment” for the national 24-hour PM<sub>2.5</sub> standard until such time as the Air District submits a “redesignation request” and a “maintenance plan” to EPA, and EPA approves the proposed redesignation.
11. To attain this standard, the 3-year average of the 98th percentile of the daily maximum 1-hour average at each monitor within an area must not exceed 0.100ppm (effective January 22, 2010). The US Environmental Protection Agency (EPA) expects to make a designation for the Bay Area by the end of 2017.
12. On June 2, 2010, the U.S. EPA established a new 1-hour SO<sub>2</sub> standard, effective August 23, 2010, which is based on the 3-year average of the annual 99<sup>th</sup> percentile of 1-hour daily maximum concentrations. The existing 0.030 ppm annual and 0.14 ppm 24-hour SO<sub>2</sub> NAAQS however must continue to be used until one year following U.S. EPA initial designations of the new 1-hour SO<sub>2</sub> NAAQS.
13. CARB has identified lead and vinyl chloride as ‘toxic air contaminants’ with no threshold level of exposure below which there are no adverse health effects determined.
14. National lead standard, rolling 3-month average: final rule signed October 15, 2008. Final designations effective December 31, 2011.
15. In December 2012, EPA strengthened the annual PM<sub>2.5</sub> National Ambient Air Quality Standards (NAAQS) from 15.0 to 12.0 micrograms per cubic meter (µg/m<sup>3</sup>). In December 2014, EPA issued final area designations for the 2012 primary annual PM<sub>2.5</sub> NAAQS. Areas designated “unclassifiable/attainment” must continue to take steps to prevent their air quality from deteriorating to unhealthy levels. The effective date of this standard is April 15, 2015.

Source: Bay Area Air Quality Management District, *Air Quality Standards and Attainment Status*, 2017 <http://www.baaqmd.gov/research-and-data/air-quality-standards-and-attainment-status>.

## 3.2 REGIONAL

### Bay Area Air Quality Management District

The BAAQMD is the regional agency with jurisdiction over the nine-county region located in the Basin. The Association of Bay Area Governments (ABAG), Metropolitan Transportation Commission (MTC), county transportation agencies, cities and counties, and various nongovernmental organizations also join in the efforts to improve air quality through a variety of programs. These programs include the adoption of regulations and policies, as well as implementation of extensive education and public outreach programs.

### Clean Air Plan

Air quality plans developed to meet federal requirements are referred to as State Implementation Plans. The federal and state Clean Air Acts require plans to be developed for areas designated as nonattainment (with the exception of areas designated as nonattainment for the state PM<sub>10</sub> standard). The BAAQMD is responsible for developing a Clean Air Plan, which guides the region’s air quality planning efforts to attain the CAAQS. The BAAQMD adopted the 2017 Clean Air Plan: Spare the Air, Cool the Climate on April 19, 2019, by the BAAQMD.

BAAQMD periodically develops air quality plans that outline the regional strategy to improve air quality and protect the climate. The most recent plan, 2017 Bay Area Clean Air Plan, includes a wide range of control measures designed to reduce emissions of air pollutants and GHGs, including the following

examples that may be relevant to this project: reduce emissions of toxic air contaminants by adopting more stringent limits and methods for evaluating toxic risks; implement pricing measures to reduce travel demand; accelerate the widespread adoption of electric vehicles; promote the use of clean fuels; promote energy efficiency in both new and existing buildings; and promote the switch from natural gas to electricity for space and water heating in Bay Area buildings.

The 2017 Clean Air Plan provides a regional strategy to protect public health and protect the climate. To protect public health, the plan describes how the BAAQMD will continue progress toward attaining all state and federal air quality standards and eliminating health risk disparities from exposure to air pollution among Bay Area communities. To protect the climate, the 2017 Clean Air Plan defines a vision for transitioning the region to a post-carbon economy needed to achieve ambitious greenhouse gas (GHG) reduction targets for 2030 and 2050 and provides a regional climate protection strategy that will put the Bay Area on a pathway to achieve those GHG reduction targets. The 2017 Clean Air Plan contains district-wide control measures to reduce ozone precursor emissions (i.e., ROG and NO<sub>x</sub>), particulate matter, TACs, and greenhouse gas emissions. The Bay Area 2017 Clean Air Plan updates the Bay Area 2010 Clean Air Plan in accordance with the requirements of the California Clean Air Act to implement “all feasible measures” to reduce ozone; provides a control strategy to reduce ozone, PM, TACs, and greenhouse gases in a single, integrated plan; reviews progress in improving air quality in recent years; and establishes emission control measures to be adopted or implemented in both the short term and through 2050.

The 2017 Clean Air Plan includes a wide range of control measures designed to decrease emissions of the air pollutants that are most harmful to Bay Area residents, such as particulate matter, ozone, and toxic air contaminants; to reduce emissions of methane and other “super-GHGs” that are potent climate pollutants in the near-term; and to decrease emissions of carbon dioxide by reducing fossil fuel combustion.

The following BAAQMD rules would limit emissions of air pollutants from construction and operation of the project:

- Regulation 8, Rule 3 – Architectural Coatings. This rule governs the manufacture, distribution, and sale of architectural coatings and limits the reactive organic gases content in paints and paint solvents. Although this rule does not directly apply to the project, it does dictate the ROG content of paint available for use during the construction.
- Regulation 8, Rule 15 – Emulsified and Liquid Asphalts. This rule dictates the reactive organic gases content of asphalt available for use during construction through regulating the sale and use of asphalt and limits the ROG content in asphalt. Although this rule does not directly apply to the project, it does dictate the ROG content of asphalt for use during the construction.
- Regulation 9, Rule 8 – Organic Compounds. This rule limits the emissions of nitrogen oxides and carbon monoxide from stationary internal combustion engines with an output rated by the manufacturer at more than 50 brake horsepower.

BAAQMD prepared an Ozone Attainment Demonstration Plan to satisfy the federal 1-hour ozone planning requirement because of the Air Basin’s nonattainment for federal and State ozone standards. The U.S. EPA revoked the 1-hour ozone standard and adopted an 8-hour ozone standard. The BAAQMD will address the new federal 8-hour ozone planning requirements once they are established.

### 3.3 LOCAL

#### City of San José General Plan

The San José General Plan includes the following policies intended to control or reduce air pollution impacts:

- Policy MS-10.1:** Assess projected air emissions from new development in conformance with the BAAQMD CEQA Guidelines and relative to state and federal standards. Identify and implement feasible air emissions reduction measures.
- Policy MS - 10.2:** States that the City should take into consideration the cumulative air quality impacts from proposed developments for proposed land use designation changes and new development, consistent with the region's Clean Air Plan and State law.
- Policy MS-10.4:** Encourage effective regulation of mobile and stationary sources of air pollution, both inside and outside of San José. In particular, support Federal and State regulations to improve automobile emission controls.
- Policy MS – 10.6:** Encourage mixed land use development near transit lines and provide retail and other types of service-oriented uses within walking distance to minimize automobile dependent development.
- Policy MS – 10.7:** Encourage regional and statewide air pollutant emission reduction through energy conservation to improve air quality.
- Policy MS-11.2:** For projects that emit toxic air contaminants, require project proponents to prepare health risk assessments in accordance with BAAQMD-recommended procedures as part of environmental review and employ effective mitigation to reduce possible health risks to a less than significant level. Alternatively, require new projects (such as, but not limited to, industrial, manufacturing, and processing facilities) that are sources of TACs to be located an adequate distance from residential areas and other sensitive receptors.
- Policy MS-11.6:** Develop and adopt a comprehensive Community Risk Reduction Plan that includes: baseline inventory of toxic air contaminants (TACs) and particulate matter smaller than 2.5 microns (PM<sub>2.5</sub>), emissions from all sources, emissions reduction targets, and enforceable emission reduction strategies and performance measures. The Community Risk Reduction Plan will include enforcement and monitoring tools to ensure regular review of progress toward the emission reduction targets, progress reporting to the public and responsible agencies, and periodic updates of the plan, as appropriate.
- Policy MS-11.7:** Consult with BAAQMD to identify stationary and mobile TAC sources and determine the need for and requirements of a health risk assessment for proposed developments.

- Policy MS-11.8:** For new projects that generate truck traffic, require signage which reminds drivers that the State truck idling law limits truck idling to five minutes.
- Policy MS-12.2:** Require new residential development projects and projects categorized as sensitive receptors to be located an adequate distance from facilities that are existing and potential sources of odor. An adequate separation distance will be determined based upon the type, size and operations of the facility
- Policy MS-13.1:** Include dust, particulate matter, and construction equipment exhaust control measures as conditions of approval for subdivision maps, site development and planned development permits, grading permits, and demolition permits. At minimum, conditions shall conform to construction mitigation measures recommended in the current BAAQMD CEQA Guidelines for the relevant project size and type.
- Policy MS-13.3:** Construction and/or demolition projects that have the potential to disturb asbestos (from soil or building material) shall comply with all the requirements of the California Air Resources Board's air toxic control measures (ATCMs) for Construction, Grading, Quarrying, and Surface Mining Operations.



## 4 SIGNIFICANCE CRITERIA AND METHODOLOGY

### 4.1 AIR QUALITY THRESHOLDS

#### State CEQA Guidelines Appendix G

Based upon the criteria derived from State CEQA Guidelines Appendix G, a project normally would have a significant effect on the environment if it would:

- AQ-1 Conflict with or obstruct implementation of the applicable air quality plan?
- AQ-2 Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?
- AQ-3 Expose sensitive receptors to substantial pollutant concentrations?
- AQ-4 Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

#### Air Quality Thresholds

Under the California Environmental Quality Act (CEQA), the Bay Area Air Quality Management District (BAAQMD) is an expert commenting agency on air quality within its jurisdiction or impacting its jurisdiction. Under the Federal Clean Air Act (FCAA), the BAAQMD has adopted Federal attainment plans for O<sub>3</sub> and PM<sub>2.5</sub>. The BAAQMD reviews projects to ensure that they would not: (1) cause or contribute to any new violation of any air quality standard; (2) increase the frequency or severity of any existing violation of any air quality standard; or (3) delay timely attainment of any air quality standard or any required interim emission reductions or other milestones of any Federal attainment plan.

The BAAQMD Options and Justification Report (dated October 2009) establishes thresholds based on substantial evidence, and the thresholds are consistent with the thresholds outlined within the 2010/2011 BAAQMD CEQA Air Quality Guidelines (and current 2017 CEQA Air Quality Guidelines). The thresholds have been developed by the BAAQMD in order to attain State and Federal ambient air quality standards. Therefore, projects below these thresholds would not violate an air quality standard and would not contribute substantially to an existing or projected air quality violation.

The BAAQMD's CEQA Air Quality Guidelines provides significance thresholds for both construction and operation of projects. Ultimately the lead agency determines the thresholds of significance for impacts. However, if a project proposes development in excess of the established thresholds, as outlined in [Table 5: Bay Area Air Quality Management District Emissions Thresholds](#), a significant air quality impact may occur and additional analysis is warranted to fully assess the significance of impacts.

**Table 5: Bay Area Air Quality Management District Emissions Thresholds**

Criteria Air Pollutants and Precursors (Regional)	Construction-Related	Operational-Related	
	Average Daily Emissions (pounds/day)	Average Daily Emission (pounds/day)	Annual Average Emission (tons/year)
Reactive Organic Gases (ROG)	54	54	10
Nitrogen Oxides (NO <sub>x</sub> )	54	54	10
Coarse Particulates (PM <sub>10</sub> )	82 (exhaust)	82	15
Fine Particulates (PM <sub>2.5</sub> )	54 (exhaust)	54	10
PM <sub>10</sub> /PM <sub>2.5</sub> (fugitive dust)	Best Management Practices	None	
Local CO	None	9.0 ppm (8-hour average) 20.0 ppm (1-hour average)	

Source: Bay Area Air Quality Management District, 2017 CEQA Air Quality Guidelines, 2017.

## 4.2 METHODOLOGY

This air quality impact analysis considers construction and operational impacts associated with the project. Where criteria air pollutant quantification was required, emissions were modeled using the California Emissions Estimator Model (CalEEMod). CalEEMod is a statewide land use emissions computer model designed to quantify potential criteria pollutant emissions associated with both construction and operations from a variety of land use projects. Air quality impacts were assessed according to methodologies recommended by CARB and the BAAQMD.

Construction equipment, trucks, worker vehicles, and ground-disturbing activities associated with project construction would generate emissions of criteria air pollutants and precursors. Air quality impacts were assessed according to CARB and BAAQMD recommended methodologies. Daily regional construction emissions are estimated by assuming construction occurs at the earliest feasible date (i.e., a conservative estimate of construction activities) and applying off-road, fugitive dust, and on-road emissions factors in CalEEMod.

Project operations would result in emissions of area sources (consumer products), energy sources (natural gas usage), and mobile sources (motor vehicles from project generated vehicle trips). Project-generated increases in operational emissions would be predominantly associated with motor vehicle use. The increase of traffic over existing conditions as a result of the project was obtained from the project's Transportation Analysis prepared by Kimley-Horn (August 2020). Emissions rates in CalEEMod have been updated with CARB SAFE Rule adjustment factors and EMFAC2017 emission rates consistent with the methodology described in Section 5.2 *Methodology for Converting EMFAC2014 Emission Rates into CalEEMod Vehicle Emission Factors* of Appendix A: *Calculation Details for CalEEMod* in the *CalEEMod User Guide*. Other operational emissions from area, energy, and stationary sources were quantified in CalEEMod based on land use activity data.

As discussed above, the BAAQMD provides significance thresholds for emissions associated with proposed project construction and operations. The proposed project's construction and operational emissions are compared to the daily criteria pollutant emissions significance thresholds in order to determine the significance of the project's impact on regional air quality.

## 5 POTENTIAL IMPACTS AND MITIGATION

### 5.1 AIR QUALITY ANALYSIS

Threshold AQ-1: Would the Project conflict with or obstruct implementation of the applicable air quality plan?

The most recently adopted plan, the 2017 Bay Area Clean Air Plan, in the Basin outlines how the San Francisco area will attain air quality standards, reduce population exposure and protect public health, and reduce GHG emissions.

As described below, construction and operational air quality emissions generated by the proposed project would not exceed the BAAQMD's emissions thresholds. Since the proposed project would not exceed these thresholds, the proposed project would not be considered by the BAAQMD to be a substantial emitter of criteria air pollutants, and would not contribute to any non-attainment areas in the Basin.

The project is anticipated to generate 303 jobs within the City. ABAG predicts that job opportunities in the City of San José will grow from 387,510 in 2010 to 554,875 by 2040. As of 2015, there are 359,128 job opportunities in the City<sup>1</sup>. The project is consistent with the City General Plan, therefore the addition of 303 new jobs would be within the ABAG growth projections for the City of approximately 554,875 job by 2040 and would not exceed the ABAG growth projections for the City. As identified in the General Plan FEIR, the City currently has an existing ratio of jobs per resident of 0.8. The General Plan FEIR identified that at full buildout of the General Plan, the existing ratio of jobs per employed resident would be increased to a job per employed resident ratio of 1.3. The increase in jobs would incrementally decrease the overall jobs/housing imbalance within the City. The project would not exceed the level of population or housing in regional planning efforts. Additionally, the proposed project would not significantly affect regional vehicle miles travelled pursuant to the CEQA Guidelines (Section 15206). Therefore, population growth from the project would be consistent with ABAG's projections for the City and with the City's General Plan.

A project would be consistent with the 2017 Clean Air Plan Progress Report if it would not exceed the growth assumptions in the plan. The primary method of determining consistency with the 2017 Clean Air Plan growth assumptions is consistency with the General Plan land use designations and zoning designations for the site. It should be noted that the Clean Air Plan does not make a specific assumption for development on the site, but bases assumptions on growth in population, travel, and business, based on socioeconomic forecasts. As noted above, the project would not exceed the growth assumptions in the General Plan. Therefore, the growth assumptions in the Clean Air Plan would not be exceeded.

Given that approval of a project would not result in significant and unavoidable air quality impacts after the application of all feasible project conditions, the project is considered consistent with the 2017 Clean Air Plan. In addition, projects are considered consistent with the 2017 Clean Air Plan if they incorporate all applicable and feasible control measures from the 2017 Clean Air Plan and would not disrupt or hinder implementation of any 2017 Clean Air Plan control measures.

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<sup>1</sup> City of San José. Envision San José 2040 General Plan DEIR.

The project is consistent with the 2017 Clean Air Plan policies that are applicable to the project site. As discussed in Table 6: Project Consistency with Applicable Clean Air Plan Control Measures, the project would comply with City, State, and regional requirements.

**Table 6: Project Consistency with Applicable Clean Air Plan Control Measures**

Control Measure	Project Consistency
<b>Stationary Source Control Measures</b>	
SS21: New Source Review of Toxic Air Contaminants	<b>Consistent.</b> Any future sources of TACs would be subject to the new source rule, would require permits, and would be required to implement best available control measures.
SS25: Coatings, Solvents, Lubricants, Sealants and Adhesives	<b>Consistent.</b> The project would comply with Regulation 8, Rule 3: Architectural Coatings, which would dictate the ROG content of paint available for use during construction.
SS26: Surface Prep and Cleaning Solvent	
SS29: Asphaltic Concrete	<b>Consistent.</b> Paving activities associated with the project would be required to utilize asphalt that does not exceed BAAQMD emission standards in Regulation 8, Rule 15.
SS30: Residential Fan Type Furnaces	<b>Consistent.</b> BAAQMD is the responsible party for implementation of this regulation. The project would use the latest central furnaces that comply with the applicable regulations. The project would not conflict with BAAQMD's implementation of that measure.
SS31: General Particulate Matter Emissions Limitation	<b>Consistent.</b> This control measure is implemented by the BAAQMD through Regulation 6, Rule 1. This Rule Limits the quantity of particulate matter in the atmosphere by controlling emission rates, concentration, visible emissions and opacity. The project would be required to comply with applicable BAAQMD rules.
SS32: Emergency Back-up Generators	<b>Consistent.</b> Use of back-up generators by the project is currently not anticipated. However, if emergency generators were to be installed they would be required to meet the BAAQMD's emissions standards for back-up generators.
SS33: Commercial Cooking Equipment	<b>Consistent.</b> The project does include the potential development of additional restaurant facilities. However, if any kitchen facilities or restaurants occur and they install a charbroiler, a catalytic oxidizer system must also be installed pursuant to BAAQMD Rule 6-2.
SS34: Wood Smoke	<b>Consistent.</b> The project would comply with BAAQMD Regulation 6, Rule 3 and prohibit the construction of wood burning appliances/ fireplaces.
SS36: Particulate Matter from Trackout	<b>Consistent.</b> Mud and dirt that may be tracked out onto the nearby public roads during construction activities would be removed promptly by the contractor based on BAAQMD's dust control measures and City Standard Permit Conditions.
SS37: Particulate Matter from Asphalt Operations	<b>Consistent.</b> Paving and roofing activities associated with the project would be required to utilize best management practices to minimize the particulate matter created from the transport and application of road and roofing asphalt.
SS38: Fugitive Dust	<b>Consistent.</b> Material stockpiling and trackout during grading activities as well as smoke and fumes from paving and roofing asphalt operations would be required to utilize best management practices, such as watering exposed surfaces twice a day, covering haul trucks, keeping

Control Measure	Project Consistency
	vehicle speeds on unpaved roads under 15 mph, to minimize the creation of fugitive dust. See City of San José Standard Permit Conditions for a more detailed list.
SS40: Odors	<b>Consistent.</b> The project is an industrial development and is not anticipated to generate odors. The project would comply with BAAQMD Regulation 7 to strengthen odor standards and enhance enforceability.
<b>Transportation Control Measures</b>	
TR2: Trip Reduction Programs	<b>Consistent.</b> The project would include a number of vehicle miles traveled (VMT) reduction strategies such as Tier 1 – Project Characteristics such as project density, activity mix, and employment density. Additionally, the project includes Tier 2- Multimodal Infrastructure such as travel demand measures (TDM) such as network connectivity/design improvements, pedestrian improvements, and bike access improvements. These VMT reduction strategies would help reduce vehicle miles traveled (VMT) and mobile greenhouse gas emissions.
TR8: Ridesharing and Last-Mile Connections	
TR9: Bicycle and Pedestrian Access Facilities	<b>Consistent.</b> There are no bicycle facilities in the area which provide Class II bike lanes with buffered striping to separate the vehicle and bike travel way. However, the proposed project would include 30 bicycle parking spaces.
TR10: Land Use Strategies	<b>Consistent.</b> This measure is a BAAQMD funding tool to maintain and disseminate information on current climate action plans and other local best practices and collaborate with regional partners to identify innovative funding mechanisms to help local governments address air quality and climate change in their general plans. In addition, the proposed project site is located within 2,000 feet of a transit stop at Monterey Road / Tennant Avenue intersection. Therefore, these employment opportunities would be easily accessible via transit, furthering the City’s General Plan goals to support a healthy community, reduce traffic congestion and decrease greenhouse gas emissions and energy consumption. The project would not conflict with implementation of this measure.
TR13: Parking Policies	<b>Consistent.</b> The proposed project would create approximately 348 new parking spaces (47 trailer spaces and 301 automobile spaces). The proposed parking is sufficient for the proposed uses.
TR19: Medium and Heavy Duty Trucks	<b>Consistent.</b> The project includes a warehousing use that would generate truck trips. However, per the transportation analysis prepared for the project indicated there would be approximately 112 daily truck trips. The project would not conflict with the implementation of this measure.
TR22: Construction, Freight and Farming Equipment	<b>Consistent.</b> The Project would comply through implementation of the BAAQMD standard condition, which requires construction equipment to be properly maintained.
<b>Energy and Climate Control Measures</b>	
EN1: Decarbonize Electricity Generation	<b>Consistent.</b> The project would be constructed in accordance with the latest California Building Code and green building regulations/CalGreen.

Control Measure	Project Consistency
EN2: Decrease Electricity Demand	The proposed development would be constructed in compliance with the City's Council Policy 6-32 and the City's Green Building Ordinance.
<b>Buildings Control Measures</b>	
BL1: Green Buildings	<b>Consistent.</b> The project would be constructed in accordance with the latest California Building Code and green building regulations/CalGreen. The proposed development would be constructed in compliance with the City's Council Policy 6-32 and the City's Green Building Ordinance.
L2: Decarbonize Buildings	
BL4: Urban Heat Island Mitigation	<b>Consistent.</b> The project would demolish the two existing warehouse buildings and associated asphalt surfaces. The project would include some landscaping.
<b>Natural and Working Lands Control Measures</b>	
NW2: Urban Tree Planting	<b>Not Applicable.</b> The project site is in an existing warehouse building. The project includes landscaping with native vegetation and trees.
<b>Waste Management Control Measures</b>	
WA1: Landfills	<b>Consistent.</b> The waste service provider for the project would be required to meet the AB 341 and SB 939, 1374, and 1383 requirements that require waste service providers to divert and recycle waste. Per Cal Green requirements the project would recycle construction waste.
WA3: Green Waste Diversion	
WA4: Recycling and Waste Reduction	
<b>Water Control Measures</b>	
WR2: Support Water Conservation	<b>Consistent.</b> The project would implement water conservation measures and low flow fixtures as required by Title 24, CalGreen, and the City of San Jose's Municipal Code Section 15-11 Water Efficient Landscaping Ordinance, which includes various specifications for plant types, water features, and irrigation design etc.
Source: BAAQMD, Clean Air Plan, 2017 and Kimley-Horn & Associates, 2021.	

The addition of 303 new jobs as a result of the proposed project would be within the ABAG growth projections for the City of approximately 554,875 jobs by 2040. Therefore, population growth from the project would be consistent with ABAG's projections for the City and with the City's General Plan. In addition, the City of San José is "housing-rich", and the increase of jobs would promote a jobs/housing balance that is closer to 1 to 1. Population growth from the project would be consistent with ABAG's projections for the City and with the City's General Plan. Thus, the project would not exceed the assumptions in the General Plan or the Clean Air Plan.

**Mitigation Measures:** No mitigation is required.

**Level of Significance:** Less than significant impact.

**Threshold AQ-2:** Would the Project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

### Construction Emissions

Project construction activities would generate short-term emissions of criteria air pollutants. The criteria pollutants of primary concern within the project area include ozone-precursor pollutants (i.e., ROG and



NO<sub>x</sub>) and PM<sub>10</sub> and PM<sub>2.5</sub>. Construction-generated emissions are short term and temporary, lasting only while construction activities occur, but would be considered a significant air quality impact if the volume of pollutants generated exceeds the BAAQMD's thresholds of significance.

Construction results in the temporary generation of emissions during demolition, site preparation, site grading, road paving, motor vehicle exhaust associated with construction equipment and worker trips, and the movement of construction equipment, especially on unpaved surfaces. Emissions of airborne particulate matter are largely dependent on the amount of ground disturbance associated with site preparation activities, as well as weather conditions and the appropriate application of water.

The duration of construction activities associated with the project are estimated to last approximately 12 months, beginning in February 2022 and last approximately one year. The project's construction-related emissions were calculated using the BAAQMD-approved CalEEMod computer program, which is designed to model emissions for land use development projects, based on typical construction requirements. Project demolition and site preparation are anticipated to begin in February 2022 and last approximately two months. Project grading and construction is anticipated to begin in March 2022 and last approximately eight months and would import approximately 5,000 cubic yards (cy) of soil. Paving and architectural coating were modeled to be completed February 2023. The exact construction timeline is unknown; however, to be conservative, earlier dates were utilized in the modeling. This approach is conservative given that emissions factors decrease in future years due to regulatory and technological improvements and fleet turnover. See [Appendix A: Air Quality Modeling Data](#) for additional information regarding the construction assumptions used in this analysis. The project's predicted maximum daily construction-related emissions are summarized in [Table 7: Construction-Related Emissions](#).

**Table 7: Construction-Related Emissions**

Construction Year	Pollutant (maximum pounds per day) <sup>1</sup>					
	Reactive Organic Gases (ROG)	Nitrogen Oxide (NO <sub>x</sub> )	Exhaust		Fugitive Dust	
			Coarse Particulate Matter (PM <sub>10</sub> )	Fine Particulate Matter (PM <sub>2.5</sub> )	Coarse Particulate Matter (PM <sub>10</sub> )	Fine Particulate Matter (PM <sub>2.5</sub> )
2022	36.82	50.75	1.66	1.53	33.31	10.14
2023	34.06	1.41	0.07	0.73	0.45	0.12
<b>Maximum</b>	<b>36.82</b>	<b>50.75</b>	<b>1.66</b>	<b>1.53</b>	<b>33.31</b>	<b>10.14</b>
<i>BAAQMD Significance Threshold<sup>2,3</sup></i>	54	54	82	54	BMPs	BMPs
<b>Exceed BAAQMD Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>N/A</b>	<b>N/A</b>

1. Emissions were calculated using CalEEMod. Emissions include compliance with the BAAQMD's Basic Construction Mitigation Measures Recommended for All projects and the City of San José Environmental Standard Conditions. These measures include the following: water exposed surfaces two times daily; cover haul trucks; clean track outs with wet powered vacuum street sweepers; limit speeds on unpaved roads to 15 miles per hour; complete paving as soon as possible after grading; limit idle times to 5 minutes; properly maintain mobile and other construction equipment; and post a publicly visible sign with contact information to register dust complaints and take corrective action within 48 hours. These emissions do not include MM HRA-1 Tier 4 Final construction equipment. That would result in further reduction in NO<sub>x</sub> and exhaust PM.

2. Bay Area Air Quality Management District, California Environmental Quality Act Air Quality Guidelines, updated May 2017.

3. BMPs = Best Management Practices. The BAAQMD recommends the implementation of all Basic Construction Mitigation Measures, whether or not construction-related emissions exceed applicable significance thresholds. Implementation of Basic Construction Mitigation measures are considered to mitigate fugitive dust emissions to be less than significant.

Source: Refer to the CalEEMod outputs provided in Appendix A, *Air Quality Modeling Data*.

***Fugitive Dust Emissions.*** Fugitive dust emissions are associated with land clearing, ground excavation, cut-and-fill operations, demolition, and truck travel on unpaved roadways. Dust emissions also vary substantially from day to day, depending on the level of activity, the specific operations, and weather conditions. Fugitive dust emissions may have a substantial, temporary impact on local air quality. In addition, fugitive dust may be a nuisance to those living and working in the project vicinity. Uncontrolled dust from construction can become a nuisance and potential health hazard to those living and working nearby. The BAAQMD recommends the implementation of all Basic Construction Control Measures, whether or not construction-related emissions exceed applicable significance and the project would implement the BAAQMD Basic Construction Control Measures as a Standard Permit Condition to control dust at the project site during all phases of construction.

### ***Standard Permit Condition***

These measures would be placed on the project plan documents prior to the issuance of any grading permits for the proposed project.

- i. Water active construction areas at least twice daily or as often as needed to control dust emissions.
- ii. Cover trucks hauling soil, sand, and other loose materials and/or ensure that all trucks hauling such materials maintain at least two feet of freeboard.
- iii. Remove visible mud or dirt track-out onto adjacent public roads using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
- iv. Enclose, cover, water twice daily or apply non-toxic soil binders to exposed stockpiles (dirt, sand, etc.).
- v. Pave new or improved roadways, driveways, and sidewalks as soon as possible.
- vi. Lay building pads as soon as possible after grading unless seeding or soil binders are used.
- vii. Replant vegetation in disturbed areas as quickly as possible.
- viii. Install sandbags or other erosion control measures to prevent silt runoff to public roadways.
- ix. Minimizing idling times either by shutting off equipment when not in use, or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations). Provide clear signage for construction workers at all access points.
- x. Maintain and properly tune construction equipment in accordance with manufacturer's specifications. Check all equipment by a certified mechanic and record a determination of running in proper condition prior to operation.
- xi. Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints.

***Construction Equipment and Worker Vehicle Exhaust.*** Exhaust emission factors for typical diesel-powered heavy equipment are based on the CalEEMod program defaults. Variables factored into estimating the total construction emissions include: level of activity, length of construction period, number of pieces/types of equipment in use, site characteristics, weather conditions, number of construction personnel, and the amount of materials to be transported onsite or offsite. Exhaust emissions from construction activities include emissions associated with the transport of machinery and supplies to and from the project site, emissions produced on site as the equipment is used, and emissions from trucks



transporting materials and workers to and from the site. Emitted pollutants would include ROG, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. The BAAQMD recommends the implementation of all Basic Construction Control Measures, whether or not construction-related emissions exceed applicable significance thresholds. As detailed in [Table 7](#), project construction emissions would not exceed BAAQMD thresholds and construction emissions would not result in a potentially significant impact. Therefore, construction air quality impacts would be less than significant.

**ROG Emissions.** In addition to gaseous and particulate emissions, the application of asphalt and surface coatings creates ROG emissions, which are O<sub>3</sub> precursors. In accordance with the methodology prescribed by the BAAQMD, the ROG emissions associated with paving have been quantified with CalEEMod.

The highest concentration of ROG emissions would be generated from architectural coating beginning in fall 2022 and lasting approximately four months. This phase includes the interior and exterior painting as well as striping of all paved parking areas and driveways. Paints would be required to comply with BAAQMD Regulation 8, Rule 3: Architectural Coating. Regulation 8, Rule 3 provides specifications on painting practices and regulates the ROG content of paint.

**Summary.** As shown in [Table 7](#), all criteria pollutant emissions would remain below their respective thresholds. BAAQMD considers fugitive dust emissions to be potentially significant without implementation of the Construction Control Measures which help control fugitive dust. NO<sub>x</sub> emissions are primarily generated by engine combustion in construction equipment, haul trucks, and employee commuting, requiring the use of newer construction equipment with better emissions controls would reduce construction-related NO<sub>x</sub> emissions. With implementation of the Standard Permit Condition, project condition of approval, the proposed project's construction would not worsen ambient air quality, create additional violations of federal and state standards, or delay the Basin's goal for meeting attainment standards. Impacts would be less than significant.

### Operational Emissions

Operational emissions for industrial developments are typically generated from mobile sources (burning of fossil fuels in cars); energy sources (cooling and heating); and area sources (landscape equipment and household products). [Table 8: Maximum Daily Project Operational Emissions](#) shows that the project's maximum emissions would not exceed BAAQMD operational thresholds.

**Table 8: Maximum Daily Project Operational Emissions**

Emissions Source	Pollutant (maximum pounds per day) <sup>1</sup>					
	Reactive Organic Gases (ROG)	Nitrogen Oxides (NO <sub>x</sub> )	Exhaust		Fugitive Dust	
			Coarse Particulate Matter (PM <sub>10</sub> )	Fine Particulate Matter (PM <sub>2.5</sub> )	Coarse Particulate Matter (PM <sub>10</sub> )	Fine Particulate Matter (PM <sub>2.5</sub> )
<b>Existing Project Site</b>						
Area	7.45	0.00	0.00	0.00	0.00	0.00
Energy	0.03	0.26	0.02	0.02	0.00	0.00
Mobile	13.54	19.66	0.25	0.23	18.40	5.14
<b>Total Emissions</b>	<b>21.02</b>	<b>19.93</b>	<b>0.27</b>	<b>0.25</b>	<b>18.40</b>	<b>5.14</b>
<b>Proposed Project</b>						

Emissions Source	Pollutant (maximum pounds per day) <sup>1</sup>					
	Reactive Organic Gases (ROG)	Nitrogen Oxides (NO <sub>x</sub> )	Exhaust		Fugitive Dust	
			Coarse Particulate Matter (PM <sub>10</sub> )	Fine Particulate Matter (PM <sub>2.5</sub> )	Coarse Particulate Matter (PM <sub>10</sub> )	Fine Particulate Matter (PM <sub>2.5</sub> )
Area	7.52	0.00	0.00	0.00	0.00	0.00
Energy	0.03	0.28	0.02	0.02	0.00	0.00
Mobile	7.69	32.22	0.32	0.30	25.18	6.77
<b>Total Project Emissions</b>	<b>15.23</b>	<b>32.50</b>	<b>0.34</b>	<b>0.32</b>	<b>25.18</b>	<b>6.77</b>
<b>Net Emissions</b>						
Existing Project Site	20.92	19.93	0.27	0.25	18.40	5.14
Proposed Project	15.23	30.01	0.34	0.32	25.18	6.77
<b>Net Change</b>	<b>-5.69</b>	<b>+10.08</b>	<b>+0.07</b>	<b>+0.07</b>	<b>+6.78</b>	<b>+1.63</b>
<i>BAAQMD Significance Threshold<sup>2</sup></i>	54	54	82	54	N/A	N/A
<b>BAAQMD Threshold Exceeded?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>N/A</b>	<b>N/A</b>
1. Emissions were calculated using CalEEMod.						
2. Bay Area Air Quality Management District, <i>California Environmental Quality Act Air Quality Guidelines</i> , 2017.						
Source: Refer to the CalEEMod outputs provided in Appendix A, Air Quality Modeling Data.						

**Area Source Emissions.** Area source emissions would be generated due to the use consumer products, architectural coating, and landscaping.

**Energy Source Emissions.** Energy source emissions would be generated as a result of electricity and natural gas usage associated with the project. The primary use of electricity and natural gas by the project would be for space heating and cooling, water heating, ventilation, lighting, appliances, and electronics.

**Mobile Sources.** Mobile sources are emissions from motor vehicles, including tailpipe and evaporative emissions. Depending upon the pollutant being discussed, the potential air quality impact may be of either regional or local concern. For example, ROG, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> are all pollutants of regional concern (NO<sub>x</sub> and ROG react with sunlight to form O<sub>3</sub> [photochemical smog], and wind currents readily transport PM<sub>10</sub> and PM<sub>2.5</sub>). However, CO tends to be a localized pollutant, dispersing rapidly at the source.

Project-generated vehicle emissions have been estimated using CalEEMod. Trip generation rates associated with the project were based on the project Transportation Analysis prepared by Kimley-Horn (2021). Based on the Transportation Analysis, the project would result in a gross total of 2,477 daily vehicle trips. However, with applicable trip reductions including location-based mode-share the project would result in a net of 2,155 new trips. The existing site generates 2,789 vehicle trips, therefore the project would not generate any additional daily trips.

**Total Operational Emissions.** As indicated in Table 8, net project operational emissions would not exceed BAAQMD thresholds. As noted above, the BAAQMD has set its CEQA significance threshold based on the trigger levels for the federal NSR Program and BAAQMD's Regulation 2, Rule 2 for new or modified sources. The NSR Program was created to ensure projects are consistent with attainment of health-based federal ambient air quality standards. The federal ambient air quality standards establish the levels of air quality necessary, with an adequate margin of safety, to protect the public health. Therefore, the project

would not violate any air quality standards or contribute substantially to an existing or projected air quality violation and no criteria pollutant health impacts would occur. Project operational emissions would be less than significant.

### Cumulative Short-Term Emissions

The SFBAAB is designated nonattainment for O<sub>3</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> for State standards and nonattainment for O<sub>3</sub> and PM<sub>2.5</sub> for Federal standards. Discussed above, the project's construction-related emissions would not have the potential to exceed the BAAQMD significance thresholds for criteria pollutants.

Since these thresholds indicate whether an individual project's emissions have the potential to affect cumulative regional air quality, it can be expected that the project-related construction emissions would not be cumulatively considerable. The BAAQMD recommends Basic Construction Control Measures for all projects whether or not construction-related emissions exceed the thresholds of significance. Compliance with BAAQMD construction-related mitigation requirements are considered to reduce cumulative impacts at a Basin-wide level. As a result, construction emissions associated with the project would not result in a cumulatively considerable contribution to significant cumulative air quality impacts.

### Cumulative Long-Term Impacts

The BAAQMD has not established separate significance thresholds for cumulative operational emissions. The nature of air emissions is largely a cumulative impact. As a result, no single project is sufficient in size, by itself, to result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. The BAAQMD developed the operational thresholds of significance based on the level above which a project's individual emissions would result in a cumulatively considerable contribution to the Basin's existing air quality conditions. Therefore, a project that exceeds the BAAQMD operational thresholds would also be a cumulatively considerable contribution to a significant cumulative impact.<sup>2</sup>

As shown in [Table 8](#), the project's operational emissions would not exceed BAAQMD thresholds. As a result, operational emissions associated with the project would not result in a cumulatively considerable contribution to significant cumulative air quality impacts.

**Mitigation Measures:** No mitigation is required.

**Level of Significance:** Less than significant impact with compliance with standard conditions and City policies.

Threshold AQ-3: Would the Project expose sensitive receptors to substantial pollutant concentrations?

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<sup>2</sup> In developing thresholds of significance for air pollutants, BAAQMD considered the emission levels for which a project's individual emissions would be cumulatively considerable. If a project exceeds the identified significance thresholds, its emissions would be cumulatively considerable, resulting in significant adverse air quality impacts to the region's existing air quality conditions (BAAQMD CEQA Guidelines page 2-1).

Sensitive land uses are defined as facilities or land uses that include members of the population that are particularly sensitive to the effects of air pollutants, such as children, the elderly, and people with illnesses. Examples of these sensitive receptors are residences, schools, hospitals, and daycare centers. The State CEQA Guidelines indicate that a potentially significant impact could occur if a project would expose sensitive receptors to substantial pollutant concentrations. CO concentrations would be well below the state and Federal standards according to the General Plan Final EIR. The maximally exposed individual (MEI) during construction (i.e., the closest sensitive receptor) to the project site are the church/daycare (approximately 45 feet away).

### Construction Toxic Air Contaminants

Construction equipment and associated heavy-duty truck traffic generates diesel exhaust which is a known Toxic Air Contaminants (TAC). Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors. However, the use of diesel-powered construction equipment would be episodic and would occur in various phases throughout the project site. Construction is subject to and would comply with California regulations (e.g., California Code of Regulations, Title 13, Division 3, Article 1, Chapter 10, Sections 2485 and 2449), which reduce DPM and criteria pollutant emissions from in-use off-road diesel-fueled vehicles and limit the idling of heavy-duty construction equipment to no more than five minutes. These regulations would further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions.

Construction equipment and associated heavy-duty truck traffic generates diesel exhaust which is a known Toxic Air Contaminants (TAC). Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors. However, the use of diesel-powered construction equipment would be episodic and would occur in various phases throughout the project site. Construction is subject to and would comply with California regulations (e.g., California Code of Regulations, Title 13, Division 3, Article 1, Chapter 10, Sections 2485 and 2449), which reduce DPM and criteria pollutant emissions from in-use off-road diesel-fueled vehicles and limit the idling of heavy-duty construction equipment to no more than five minutes. These regulations would further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions.

As noted in the Health Risk Assessment prepared by Kimley-Horn (2021), maximum (worst case) PM<sub>2.5</sub> exhaust construction emissions over the entire construction period were used in AERMOD to approximate construction DPM emissions. See the HRA for additional methodology on the modeling analysis. Risk levels were calculated with the CARB Hotspots Analysis and Reporting Program (HARP) Risk Assessment Standalone Tool (RAST) based on the California Office of Environmental Health Hazard Assessment (OEHHA) guidance document, Air Toxics Hot Spots Program Risk Assessment Guidelines (February 2015). Results of this assessment are summarized in [Table 9: Construction Risk](#).

**Table 9: Construction Risk**

Emissions Sources	Pollutant Concentration (µg/m <sup>3</sup> )	Cancer Risk (per Million)	Chronic Hazard	Acute Hazard
<b>Unmitigated</b>				
Construction	0.088	27.93	0.018	0.173
<i>BAAQMD Threshold</i>	<i>0.3</i>	<i>10</i>	<i>1.0</i>	<i>1.0</i>
<b>Threshold Exceeded?</b>	<b>No</b>	<b>Yes</b>	<b>No</b>	<b>No</b>

Emissions Sources	Pollutant Concentration ( $\mu\text{g}/\text{m}^3$ )	Cancer Risk (per Million)	Chronic Hazard	Acute Hazard
<b>Mitigated</b>				
Construction	0.011	3.47	0.002	0.022
<i>BAAQMD Threshold</i>	<i>0.3</i>	<i>10</i>	<i>1.0</i>	<i>1.0</i>
<b>Threshold Exceeded?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>
1. Heavy-duty off-road construction equipment would also meet CARB Tier 4 Final emissions standards per Mitigation Measure HRA-1. Refer to <a href="#">Appendix A: Air Quality Modeling Data</a> .				

Maximum unmitigated concentration of  $\text{PM}_{2.5}$  during construction would be  $0.09 \mu\text{g}/\text{m}^3$ , which would not exceed the BAAQMD threshold of  $0.3 \mu\text{g}/\text{m}^3$ . The highest calculated unmitigated carcinogenic risk from project construction would be 28 per million, which would exceed the BAAQMD threshold of 10 in one million. The MEI during construction (i.e., the closest sensitive receptor) to the Project site are the church/daycare (approximately 45 feet away).

Mitigation Measure HRA-1 requires the use of construction equipment that would meet CARB Tier 4 Final emissions standards in order to reduce diesel exhaust construction emissions. Mitigation Measure HRA-1 would reduce the Project's maximum cancer risk to 3.47 per million, which are below the BAAQMD thresholds of 10 in one million. Non-cancer hazards for DPM would be below BAAQMD threshold, with a chronic hazard index computed at 0.009 and an acute hazard index of 0.16 without mitigation and 0.002 and 0.022 with mitigation. Acute and chronic hazards would be below the BAAQMD significance threshold of 1.0. As described above, construction risk levels would be below the BAAQMD's thresholds with Mitigation Measure HRA-1. Construction risk levels would be less than significant with mitigation.

### Operational Toxic Air Contaminants

The project would demolish the existing buildings onsite and construct a new 302,772 square feet office/warehouse industrial building. According to the Transportation Analysis prepared, the project would include passenger vehicles, vans, and trucks. The project is anticipated to generate approximately 2,155 daily vehicle trips. As shown in [Table 10: Operational Risk Assessment Results](#), the highest calculated carcinogenic risk resulting from the project is 0.31 per million residents, which is below the BAAQMD threshold of 10 per million. Acute and chronic hazards also would be below the BAAQMD significance threshold of 1.0. Operational mobile impacts would be less than significant.

**Table 10: Operational Risk Assessment Results**

Exposure Scenario	Pollutant Concentration ( $\mu\text{g}/\text{m}^3$ )	Maximum Cancer Risk (Risk per Million)	Chronic Noncancer Hazard	Acute Noncancer Hazard
Particulate Matter ( $\text{PM}_{2.5}$ )	0.001	0.31	0.0001	0.001
<i>Threshold</i>	<i>NA</i>	<i>10 in one million</i>	<i>1.0</i>	<i>1.0</i>
<b>Exceed Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>
Refer to <a href="#">Appendix A: Modeling Data</a> .				
1. The maximum cancer would be experienced at the temporary housing shelters located southeast along Rue Ferrari based on worst-case exposure durations for the Project, 95 <sup>th</sup> percentile breathing rates, and 30-year averaging time.				

The pollutant concentrations modeled in AERMOD represent the exposure levels outdoors. The BAAQMD conservatively does not include indoor exposure adjustments for residents. However, the typical person spends the majority of time indoors rather than remaining outdoors in the same location for 24 hours a

day.<sup>3</sup> Therefore, the AERMOD outdoor pollutant concentrations are not necessarily representative of actual exposure at the project site, and tend to overestimate exposure.

### Cumulative Health Risk Analysis

In addition to mobile sources, stationary sources within a 1,000-foot radius of the project site were reviewed using BAAQMD's Stationary Source Screening Analysis Tools. There was one stationary sources located within a 1,000-foot radius of the project site. Table 11: Cumulative Operational Health Risk below shows the cumulative health risk values for the proposed project.

**Table 11: Cumulative Operational Health Risk**

Emissions Sources	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	Cancer Risk (per million)	Hazard
<b>Project Mobile Emissions</b>	0.001	0.31	0.0001
<b>Major Street Sources<sup>1</sup></b>	0.001	0.07	0.004
<b>Highway Sources<sup>1</sup></b>	0.43	30.65	1.72
<b>Railway Sources<sup>1</sup></b>	0.002	1.17	0.01
<b>Stationary Sources</b>			
San Jose Behavioral Health	0.00	0.12	0.00
<b>Cumulative Health Risk Values</b>	<b>0.434</b>	<b>32.32</b>	<b>1.734</b>
<i>BAAQMD Cumulative Threshold</i>	<i>0.8</i>	<i>100</i>	<i>10</i>
<b>Threshold Exceeded?</b>	<b>No</b>	<b>No</b>	<b>No</b>
1. BAAQMD GIS data. Source: BAAQMD's Stationary Source Data and GIS Mapping Tools, 2021.			

As described above in Table 11, cumulative impacts related to PM<sub>2.5</sub>, cancer risk and hazard would be less than cumulatively considerable and within acceptable limits. Therefore, the project's cumulative impacts would be less than significant.

### Mobile Sources

The project would not place sensitive receptors within 1,000-feet of a major roadway (mobile TAC source). Additionally, the project's effects to existing vehicle distribution and travel speeds would be nominal. According to the Transportation Analysis, the project would not generate any new daily trips. Any changes to vehicle distribution and travel speeds can affect vehicle emissions rates, although these changes would be minimal and would not substantially change criteria pollutant emissions, which are primarily driven by vehicle miles travelled (VMT). Traffic is also predominantly light-duty and gasoline powered and therefore any shifts in traffic would not constitute a change in substantial cancer risk. The project does not involve the increase of transit trips or routes and would not generate increased emissions from expanded service (e.g., increased bus idling service).

<sup>3</sup> California Air Resources Board Research Division and University of California, Berkeley, *Activity Patterns of California Residents*, May 1991. The study indicates that on average, adults and adolescents in California spent almost 15 hours per day inside their homes, and 6 hours in other indoor locations, for a total of 21 hours (87% of the day). Approximately two hours per day were spent in transit, and just over one hour per day was spent in outdoor locations.

## Carbon Monoxide Hotspots

The primary mobile-source criteria pollutant of local concern is carbon monoxide. Concentrations of CO are a direct function of the number of vehicles, length of delay, and traffic flow conditions. Transport of this criteria pollutant is extremely limited; CO disperses rapidly with distance from the source under normal meteorological conditions. Under certain meteorological conditions, however, CO concentrations close to congested intersections that experience high levels of traffic and elevated background concentrations may reach unhealthy levels, affecting nearby sensitive receptors. Areas of high CO concentrations, or “hot spots,” are typically associated with intersections that are projected to operate at unacceptable levels of service during the peak commute hours. CO concentration modeling is therefore typically conducted for intersections that are projected to operate at unacceptable levels of service during peak commute hours.

The Basin is designated as in attainment for carbon monoxide (CO). Emissions and ambient concentrations of CO have decreased dramatically in the Basin with the introduction of the catalytic converter in 1975. No exceedances of the CAAQS or NAAQS for CO have been recorded at nearby monitoring stations since 1991. As a result, the BAAQMD screening criteria notes that CO impacts may be determined to be less than significant if a project would not increase traffic volumes at local intersections to more than 44,000 vehicles per hour, or 24,000 vehicles per hour for locations in heavily urban areas, where “urban canyons” formed by buildings tend to reduce air circulation. Traffic would increase along surrounding roadways during long-term operational activities.

According to the Transportation Analysis prepared for the project (2021), the project would not generate any net new daily trips. The project’s effects to existing vehicle distribution and travel speeds would be nominal. Therefore, the project would not involve intersections with more than 24,000 or 44,000 vehicles per hour. As a result, the project would not have the potential to create a CO hotspot and impacts would be less than significant.

**Mitigation Measures:** No mitigation is required.

**Level of Significance:** Less than significant impact.

Threshold AQ-4: Would the Project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

## Construction

According to the BAAQMD, land uses associated with odor complaints typically include wastewater treatment plants, landfills, confined animal facilities, composting stations, food manufacturing plants, refineries, and chemical plants. The project does not include any uses identified by the BAAQMD as being associated with odors.

Construction activities associated with the project may generate detectable odors from heavy duty equipment (i.e., diesel exhaust), as well as from architectural coatings and asphalt off-gassing. Odors generated from the referenced sources are common in the man-made environment and are not known to be substantially offensive to adjacent receptors. Any construction-related odors would be short-term in nature and cease upon project completion. As a result, impacts to existing adjacent land uses from construction-related odors would be short-term in duration and therefore would be less than significant.



## Operational

BAAQMD has established odor screening thresholds for land uses that have the potential to generate substantial odor complaints, including wastewater treatment plants, landfills or transfer stations, composting facilities, confined animal facilities, food manufacturing, and chemical plants. BAAQMD's thresholds for odors are qualitative based on BAAQMD's Regulation 7, Odorous Substances. This rule places general limitations on odorous substances and specific emission limitations on certain odorous compounds.

The project includes a 302,772 SF industrial/office building which is not anticipated to generate odors. The activities would be primarily indoors and the building construction would be built to local and State requirements. The proposed warehouse building would not include industrial operations, heavy manufacturing, or and other odor generating sources. None of the above listed odor generating uses are located near the project site. Impacts would be less than significant.

**Mitigation Measures:** Compliance with General Plan Policies and applicable state and local law would reduce impacts associated with odors to a less than significant level. No additional site-specific mitigation measures are required.

**Level of Significance:** Less than significant impact.

## 5.2 CUMULATIVE SETTING, IMPACTS, AND MITIGATION MEASURES

### Cumulative Setting

The cumulative setting for air quality includes the City and the Air Basin. The Air Basin is designated as a nonattainment area for state standards of ozone, PM<sub>10</sub>, and PM<sub>2.5</sub> and federal standards of ozone and PM<sub>2.5</sub>, attainment and serious maintenance for federal PM<sub>10</sub> standards, and is designated as unclassified or attainment for all other pollutants. Cumulative growth in population and vehicle use could inhibit efforts to improve regional air quality and attain the ambient air quality standards.

### Cumulative Impacts and Mitigation Measures

The BAAQMD CEQA Air Quality Guidelines do not include separate significance thresholds for cumulative operational emissions. However, with respect to regional air pollution, the development of the project would result in population growth that is consistent with ABAG projections and the City General Plan. Therefore, the project would be consistent with the 2017 Clean Air Plan that uses ABAG population forecasts.

As described in threshold AQ-1 above, the project would also be consistent with the appropriate 2017 Clean Air Plan control measures, which are provided to reduce air quality emissions for the entire Bay Area region. Additionally, the discussion in threshold AQ-2 addresses cumulative impacts and demonstrates that the project would not exceed the applicable BAAQMD thresholds for construction or operations. The BAAQMD CEQA Air Quality Guidelines note that the nature of air emissions is largely a cumulative impact. As a result, no single project is sufficient in size by itself to result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. Consistency with the 2017 Clean Air Plan control measures would



ensure that the project would not cumulatively contribute to air quality impacts in the Basin. Therefore, impacts would be less than significant.

**Mitigation Measures:** No mitigation is required.

**Level of Significance:** Less than significant impact.

## 6 REFERENCES

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# Appendix A

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## Air Quality Modeling Data

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Rue Ferrari Existing  
Santa Cruz County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	286.33	1000sqft	6.57	286,330.00	0
Other Non-Asphalt Surfaces	107.51	1000sqft	2.47	107,510.00	0
Parking Lot	373.19	1000sqft	8.57	373,190.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	1.8	<b>Precipitation Freq (Days)</b>	61
<b>Climate Zone</b>	4			<b>Operational Year</b>	2021
<b>Utility Company</b>	Pacific Gas and Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	203.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

- Project Characteristics -
- Land Use -
- Construction Phase - Existing Use no construction
- Grading -
- Vehicle Trips - Per Transportation Analysis
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Vehicle Emission Factors -

Table Name	Column Name	Default Value	New Value
tblGrading	AcresOfGrading	90.00	0.00
tblGrading	AcresOfGrading	15.00	0.00

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.74	9.74
tblVehicleTrips	SU_TR	1.74	9.74
tblVehicleTrips	WD_TR	1.74	9.74

**2.0 Emissions Summary**

**2.1 Overall Construction (Maximum Daily Emission)**

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2703	46.4593	31.5966	0.0813	18.2141	2.0455	20.2597	9.9699	1.8819	11.8518	0.0000	8,239.4558	8,239.4558	1.9490	0.5559	8,424.7362
2022	3.1990	25.7203	29.0166	0.0799	3.4953	0.9169	4.4122	0.9461	0.8638	1.8099	0.0000	8,098.8873	8,098.8873	0.7635	0.5367	8,277.8989
2023	209.5078	22.9912	27.6858	0.0782	3.4954	0.7620	4.2574	0.9462	0.7174	1.6635	0.0000	7,938.9573	7,938.9573	0.7448	0.5148	8,110.9784
<b>Maximum</b>	<b>209.5078</b>	<b>46.4593</b>	<b>31.5966</b>	<b>0.0813</b>	<b>18.2141</b>	<b>2.0455</b>	<b>20.2597</b>	<b>9.9699</b>	<b>1.8819</b>	<b>11.8518</b>	<b>0.0000</b>	<b>8,239.4558</b>	<b>8,239.4558</b>	<b>1.9490</b>	<b>0.5559</b>	<b>8,424.7362</b>

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

2021	4.2703	46.4593	31.5966	0.0813	18.2141	2.0455	20.2597	9.9699	1.8819	11.8518	0.0000	8,239.4558	8,239.4558	1.9490	0.5559	8,424.7362
2022	3.1990	25.7203	29.0166	0.0799	3.4953	0.9169	4.4122	0.9461	0.8638	1.8099	0.0000	8,098.8873	8,098.8873	0.7635	0.5367	8,277.8989
2023	209.5078	22.9912	27.6858	0.0782	3.4954	0.7620	4.2574	0.9462	0.7174	1.6635	0.0000	7,938.9573	7,938.9573	0.7448	0.5148	8,110.9784
<b>Maximum</b>	<b>209.5078</b>	<b>46.4593</b>	<b>31.5966</b>	<b>0.0813</b>	<b>18.2141</b>	<b>2.0455</b>	<b>20.2597</b>	<b>9.9699</b>	<b>1.8819</b>	<b>11.8518</b>	<b>0.0000</b>	<b>8,239.4558</b>	<b>8,239.4558</b>	<b>1.9490</b>	<b>0.5559</b>	<b>8,424.7362</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Area	7.4508	7.2000e-004	0.0786	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1679	0.1679	4.5000e-004		0.1790
Energy	0.0291	0.2646	0.2222	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.4779	317.4779	6.0800e-003	5.8200e-003	319.3645
Mobile	13.5437	17.1879	123.3313	0.2000	18.4031	0.2464	18.6495	4.9076	0.2316	5.1392		20,410.1638	20,410.1638	1.7604	1.0480	20,766.4644
<b>Total</b>	<b>21.0236</b>	<b>17.4532</b>	<b>123.6321</b>	<b>0.2016</b>	<b>18.4031</b>	<b>0.2668</b>	<b>18.6699</b>	<b>4.9076</b>	<b>0.2520</b>	<b>5.1596</b>		<b>20,727.8095</b>	<b>20,727.8095</b>	<b>1.7669</b>	<b>1.0538</b>	<b>21,086.0079</b>

**Mitigated Operational**

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.4508	7.2000e-004	0.0786	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1679	0.1679	4.5000e-004		0.1790
Energy	0.0291	0.2646	0.2222	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.4779	317.4779	6.0800e-003	5.8200e-003	319.3645
Mobile	13.5437	17.1879	123.3313	0.2000	18.4031	0.2464	18.6495	4.9076	0.2316	5.1392		20,410.1638	20,410.1638	1.7604	1.0480	20,766.4644
<b>Total</b>	<b>21.0236</b>	<b>17.4532</b>	<b>123.6321</b>	<b>0.2016</b>	<b>18.4031</b>	<b>0.2668</b>	<b>18.6699</b>	<b>4.9076</b>	<b>0.2520</b>	<b>5.1596</b>		<b>20,727.8095</b>	<b>20,727.8095</b>	<b>1.7669</b>	<b>1.0538</b>	<b>21,086.0079</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/17/2021	9/13/2021	5	20	
2	Site Preparation	Site Preparation	9/14/2021	9/27/2021	5	10	
3	Grading	Grading	9/28/2021	11/8/2021	5	30	
4	Building Construction	Building Construction	11/9/2021	1/2/2023	5	300	
5	Paving	Paving	1/3/2023	1/30/2023	5	20	
6	Architectural Coating	Architectural Coating	1/31/2023	2/27/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Acres of Paving: 11.04**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 429,495; Non-Residential Outdoor: 143,165; Striped Parking Area: 28,842**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT



Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	322.00	126.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	64.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>		<b>1.5513</b>	<b>1.5513</b>		<b>1.4411</b>	<b>1.4411</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0593	0.0446	0.5386	1.1700e-003	0.1232	9.0000e-004	0.1241	0.0327	8.3000e-004	0.0335		118.9176	118.9176	4.6800e-003	3.9000e-003	120.1958

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

<b>Total</b>	<b>0.0593</b>	<b>0.0446</b>	<b>0.5386</b>	<b>1.1700e-003</b>	<b>0.1232</b>	<b>9.0000e-004</b>	<b>0.1241</b>	<b>0.0327</b>	<b>8.3000e-004</b>	<b>0.0335</b>		<b>118.9176</b>	<b>118.9176</b>	<b>4.6800e-003</b>	<b>3.9000e-003</b>	<b>120.1958</b>
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**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>		<b>1.5513</b>	<b>1.5513</b>		<b>1.4411</b>	<b>1.4411</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0593	0.0446	0.5386	1.1700e-003	0.1232	9.0000e-004	0.1241	0.0327	8.3000e-004	0.0335		118.9176	118.9176	4.6800e-003	3.9000e-003	120.1958
<b>Total</b>	<b>0.0593</b>	<b>0.0446</b>	<b>0.5386</b>	<b>1.1700e-003</b>	<b>0.1232</b>	<b>9.0000e-004</b>	<b>0.1241</b>	<b>0.0327</b>	<b>8.3000e-004</b>	<b>0.0335</b>		<b>118.9176</b>	<b>118.9176</b>	<b>4.6800e-003</b>	<b>3.9000e-003</b>	<b>120.1958</b>

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0712	0.0535	0.6463	1.4100e-003	0.1479	1.0800e-003	0.1489	0.0392	9.9000e-004	0.0402		142.7011	142.7011	5.6200e-003	4.6800e-003	144.2350
<b>Total</b>	<b>0.0712</b>	<b>0.0535</b>	<b>0.6463</b>	<b>1.4100e-003</b>	<b>0.1479</b>	<b>1.0800e-003</b>	<b>0.1489</b>	<b>0.0392</b>	<b>9.9000e-004</b>	<b>0.0402</b>		<b>142.7011</b>	<b>142.7011</b>	<b>5.6200e-003</b>	<b>4.6800e-003</b>	<b>144.2350</b>

**Mitigated Construction On-Site**

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0712	0.0535	0.6463	1.4100e-003	0.1479	1.0800e-003	0.1489	0.0392	9.9000e-004	0.0402		142.7011	142.7011	5.6200e-003	4.6800e-003	144.2350
<b>Total</b>	<b>0.0712</b>	<b>0.0535</b>	<b>0.6463</b>	<b>1.4100e-003</b>	<b>0.1479</b>	<b>1.0800e-003</b>	<b>0.1489</b>	<b>0.0392</b>	<b>9.9000e-004</b>	<b>0.0402</b>		<b>142.7011</b>	<b>142.7011</b>	<b>5.6200e-003</b>	<b>4.6800e-003</b>	<b>144.2350</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>6.0221</b>	<b>1.9853</b>	<b>8.0074</b>	<b>3.3102</b>	<b>1.8265</b>	<b>5.1367</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0791	0.0595	0.7181	1.5600e-003	0.1643	1.2000e-003	0.1655	0.0436	1.1000e-003	0.0447		158.5568	158.5568	6.2400e-003	5.2000e-003	160.2611
<b>Total</b>	<b>0.0791</b>	<b>0.0595</b>	<b>0.7181</b>	<b>1.5600e-003</b>	<b>0.1643</b>	<b>1.2000e-003</b>	<b>0.1655</b>	<b>0.0436</b>	<b>1.1000e-003</b>	<b>0.0447</b>		<b>158.5568</b>	<b>158.5568</b>	<b>6.2400e-003</b>	<b>5.2000e-003</b>	<b>160.2611</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>6.0221</b>	<b>1.9853</b>	<b>8.0074</b>	<b>3.3102</b>	<b>1.8265</b>	<b>5.1367</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0791	0.0595	0.7181	1.5600e-003	0.1643	1.2000e-003	0.1655	0.0436	1.1000e-003	0.0447		158.5568	158.5568	6.2400e-003	5.2000e-003	160.2611
<b>Total</b>	<b>0.0791</b>	<b>0.0595</b>	<b>0.7181</b>	<b>1.5600e-003</b>	<b>0.1643</b>	<b>1.2000e-003</b>	<b>0.1655</b>	<b>0.0436</b>	<b>1.1000e-003</b>	<b>0.0447</b>		<b>158.5568</b>	<b>158.5568</b>	<b>6.2400e-003</b>	<b>5.2000e-003</b>	<b>160.2611</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>		<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4618	10.8447	2.5331	0.0292	0.8501	0.1524	1.0025	0.2445	0.1458	0.3903		3,133.3283	3,133.3283	0.0682	0.4723	3,275.7683
Worker	1.2736	0.9572	11.5621	0.0252	2.6452	0.0193	2.6644	0.7016	0.0178	0.7194		2,552.7636	2,552.7636	0.1005	0.0837	2,580.2036
<b>Total</b>	<b>1.7354</b>	<b>11.8019</b>	<b>14.0952</b>	<b>0.0544</b>	<b>3.4953</b>	<b>0.1717</b>	<b>3.6670</b>	<b>0.9461</b>	<b>0.1636</b>	<b>1.1097</b>		<b>5,686.0919</b>	<b>5,686.0919</b>	<b>0.1687</b>	<b>0.5559</b>	<b>5,855.9719</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>	<b>0.0000</b>	<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4618	10.8447	2.5331	0.0292	0.8501	0.1524	1.0025	0.2445	0.1458	0.3903		3,133.3283	3,133.3283	0.0682	0.4723	3,275.7683
Worker	1.2736	0.9572	11.5621	0.0252	2.6452	0.0193	2.6644	0.7016	0.0178	0.7194		2,552.7636	2,552.7636	0.1005	0.0837	2,580.2036
<b>Total</b>	<b>1.7354</b>	<b>11.8019</b>	<b>14.0952</b>	<b>0.0544</b>	<b>3.4953</b>	<b>0.1717</b>	<b>3.6670</b>	<b>0.9461</b>	<b>0.1636</b>	<b>1.1097</b>		<b>5,686.0919</b>	<b>5,686.0919</b>	<b>0.1687</b>	<b>0.5559</b>	<b>5,855.9719</b>

**3.5 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>



Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3094	9.2609	2.1216	0.0285	0.8502	0.0898	0.9399	0.2445	0.0859	0.3304		3,054.7056	3,054.7056	0.0614	0.4600	3,193.3069
Worker	1.1834	0.8438	10.5317	0.0245	2.6452	0.0181	2.6633	0.7016	0.0167	0.7184		2,489.8481	2,489.8481	0.0902	0.0767	2,514.9598
<b>Total</b>	<b>1.4927</b>	<b>10.1047</b>	<b>12.6532</b>	<b>0.0529</b>	<b>3.4953</b>	<b>0.1079</b>	<b>3.6032</b>	<b>0.9461</b>	<b>0.1026</b>	<b>1.0487</b>		<b>5,544.5537</b>	<b>5,544.5537</b>	<b>0.1516</b>	<b>0.5367</b>	<b>5,708.2667</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

**Mitigated Construction Off-Site**

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3094	9.2609	2.1216	0.0285	0.8502	0.0898	0.9399	0.2445	0.0859	0.3304		3,054.7056	3,054.7056	0.0614	0.4600	3,193.3069
Worker	1.1834	0.8438	10.5317	0.0245	2.6452	0.0181	2.6633	0.7016	0.0167	0.7184		2,489.8481	2,489.8481	0.0902	0.0767	2,514.9598
<b>Total</b>	<b>1.4927</b>	<b>10.1047</b>	<b>12.6532</b>	<b>0.0529</b>	<b>3.4953</b>	<b>0.1079</b>	<b>3.6032</b>	<b>0.9461</b>	<b>0.1026</b>	<b>1.0487</b>		<b>5,544.5537</b>	<b>5,544.5537</b>	<b>0.1516</b>	<b>0.5367</b>	<b>5,708.2667</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1833	7.8602	1.7952	0.0275	0.8502	0.0452	0.8954	0.2445	0.0432	0.2878		2,953.9199	2,953.9199	0.0559	0.4442	3,087.6788
Worker	1.1021	0.7461	9.6467	0.0237	2.6452	0.0171	2.6622	0.7016	0.0157	0.7174		2,429.8275	2,429.8275	0.0811	0.0706	2,452.8935
<b>Total</b>	<b>1.2854</b>	<b>8.6063</b>	<b>11.4418</b>	<b>0.0513</b>	<b>3.4954</b>	<b>0.0622</b>	<b>3.5576</b>	<b>0.9462</b>	<b>0.0590</b>	<b>1.0051</b>		<b>5,383.7474</b>	<b>5,383.7474</b>	<b>0.1369</b>	<b>0.5148</b>	<b>5,540.5724</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1833	7.8602	1.7952	0.0275	0.8502	0.0452	0.8954	0.2445	0.0432	0.2878		2,953.9199	2,953.9199	0.0559	0.4442	3,087.6788

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Worker	1.1021	0.7461	9.6467	0.0237	2.6452	0.0171	2.6622	0.7016	0.0157	0.7174		2,429.8275	2,429.8275	0.0811	0.0706	2,452.8935
<b>Total</b>	<b>1.2854</b>	<b>8.6063</b>	<b>11.4418</b>	<b>0.0513</b>	<b>3.4954</b>	<b>0.0622</b>	<b>3.5576</b>	<b>0.9462</b>	<b>0.0590</b>	<b>1.0051</b>		<b>5,383.7474</b>	<b>5,383.7474</b>	<b>0.1369</b>	<b>0.5148</b>	<b>5,540.5724</b>

**3.6 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	1.1227					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>2.1554</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>		<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0513	0.0348	0.4494	1.1100e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		113.1907	113.1907	3.7800e-003	3.2900e-003	114.2652

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

<b>Total</b>	<b>0.0513</b>	<b>0.0348</b>	<b>0.4494</b>	<b>1.1100e-003</b>	<b>0.1232</b>	<b>7.9000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.3000e-004</b>	<b>0.0334</b>		<b>113.1907</b>	<b>113.1907</b>	<b>3.7800e-003</b>	<b>3.2900e-003</b>	<b>114.2652</b>
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**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	1.1227					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>2.1554</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>	<b>0.0000</b>	<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0513	0.0348	0.4494	1.1100e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		113.1907	113.1907	3.7800e-003	3.2900e-003	114.2652
<b>Total</b>	<b>0.0513</b>	<b>0.0348</b>	<b>0.4494</b>	<b>1.1100e-003</b>	<b>0.1232</b>	<b>7.9000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.3000e-004</b>	<b>0.0334</b>		<b>113.1907</b>	<b>113.1907</b>	<b>3.7800e-003</b>	<b>3.2900e-003</b>	<b>114.2652</b>

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.7 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	209.0971					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>209.2888</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2190	0.1483	1.9174	4.7200e-003	0.5257	3.3900e-003	0.5291	0.1395	3.1300e-003	0.1426		482.9471	482.9471	0.0161	0.0140	487.5316
<b>Total</b>	<b>0.2190</b>	<b>0.1483</b>	<b>1.9174</b>	<b>4.7200e-003</b>	<b>0.5257</b>	<b>3.3900e-003</b>	<b>0.5291</b>	<b>0.1395</b>	<b>3.1300e-003</b>	<b>0.1426</b>		<b>482.9471</b>	<b>482.9471</b>	<b>0.0161</b>	<b>0.0140</b>	<b>487.5316</b>

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	209.0971					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>209.2888</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2190	0.1483	1.9174	4.7200e-003	0.5257	3.3900e-003	0.5291	0.1395	3.1300e-003	0.1426		482.9471	482.9471	0.0161	0.0140	487.5316
<b>Total</b>	<b>0.2190</b>	<b>0.1483</b>	<b>1.9174</b>	<b>4.7200e-003</b>	<b>0.5257</b>	<b>3.3900e-003</b>	<b>0.5291</b>	<b>0.1395</b>	<b>3.1300e-003</b>	<b>0.1426</b>		<b>482.9471</b>	<b>482.9471</b>	<b>0.0161</b>	<b>0.0140</b>	<b>487.5316</b>

**4.0 Operational Detail - Mobile**

Rue Ferrari Existing - Santa Cruz County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.1 Mitigation Measures Mobile

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
lb/day											lb/day					
Mitigated	13.5437	17.1879	123.3313	0.2000	18.4031	0.2464	18.6495	4.9076	0.2316	5.1392		20,410.163	20,410.163	1.7604	1.0480	20,766.464
Unmitigated	13.5437	17.1879	123.3313	0.2000	18.4031	0.2464	18.6495	4.9076	0.2316	5.1392		20,410.163	20,410.163	1.7604	1.0480	20,766.464

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	2,788.85	2,788.85	2,788.85	8,728,199	8,728,199
<b>Total</b>	<b>2,788.85</b>	<b>2,788.85</b>	<b>2,788.85</b>	<b>8,728,199</b>	<b>8,728,199</b>

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.492584	0.055551	0.211895	0.139925	0.032315	0.006837	0.011800	0.003940	0.000827	0.000870	0.036730	0.001182	0.005545
Parking Lot	0.492584	0.055551	0.211895	0.139925	0.032315	0.006837	0.011800	0.003940	0.000827	0.000870	0.036730	0.001182	0.005545
Unrefrigerated Warehouse-No Rail	0.492584	0.055551	0.211895	0.139925	0.032315	0.006837	0.011800	0.003940	0.000827	0.000870	0.036730	0.001182	0.005545



Rue Ferrari Existing - Santa Cruz County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0291	0.2646	0.2222	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.4779	317.4779	6.0800e-003	5.8200e-003	319.3645
NaturalGas Unmitigated	0.0291	0.2646	0.2222	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.4779	317.4779	6.0800e-003	5.8200e-003	319.3645

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	2698.56	0.0291	0.2646	0.2222	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.4779	317.4779	6.0800e-003	5.8200e-003	319.3645
<b>Total</b>		<b>0.0291</b>	<b>0.2646</b>	<b>0.2222</b>	<b>1.5900e-003</b>		<b>0.0201</b>	<b>0.0201</b>		<b>0.0201</b>	<b>0.0201</b>		<b>317.4779</b>	<b>317.4779</b>	<b>6.0800e-003</b>	<b>5.8200e-003</b>	<b>319.3645</b>

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	2.69856	0.0291	0.2646	0.2222	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.4779	317.4779	6.0800e-003	5.8200e-003	319.3645
<b>Total</b>		<b>0.0291</b>	<b>0.2646</b>	<b>0.2222</b>	<b>1.5900e-003</b>		<b>0.0201</b>	<b>0.0201</b>		<b>0.0201</b>	<b>0.0201</b>		<b>317.4779</b>	<b>317.4779</b>	<b>6.0800e-003</b>	<b>5.8200e-003</b>	<b>319.3645</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.4508	7.2000e-004	0.0786	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1679	0.1679	4.5000e-004		0.1790
Unmitigated	7.4508	7.2000e-004	0.0786	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1679	0.1679	4.5000e-004		0.1790

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.1457					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.2977					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.3400e-003	7.2000e-004	0.0786	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1679	0.1679	4.5000e-004		0.1790
<b>Total</b>	<b>7.4508</b>	<b>7.2000e-004</b>	<b>0.0786</b>	<b>1.0000e-005</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>0.1679</b>	<b>0.1679</b>	<b>4.5000e-004</b>		<b>0.1790</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.1457					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.2977					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.3400e-003	7.2000e-004	0.0786	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1679	0.1679	4.5000e-004		0.1790
<b>Total</b>	<b>7.4508</b>	<b>7.2000e-004</b>	<b>0.0786</b>	<b>1.0000e-005</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>0.1679</b>	<b>0.1679</b>	<b>4.5000e-004</b>		<b>0.1790</b>

Rue Ferrari Existing - Santa Cruz County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied****7.0 Water Detail**

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**7.1 Mitigation Measures Water****8.0 Waste Detail**

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**8.1 Mitigation Measures Waste****9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Rue Ferrari Existing  
Santa Cruz County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	286.33	1000sqft	6.57	286,330.00	0
Other Non-Asphalt Surfaces	107.51	1000sqft	2.47	107,510.00	0
Parking Lot	373.19	1000sqft	8.57	373,190.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	1.8	<b>Precipitation Freq (Days)</b>	61
<b>Climate Zone</b>	4			<b>Operational Year</b>	2021
<b>Utility Company</b>	Pacific Gas and Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	203.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

- Project Characteristics -
- Land Use -
- Construction Phase - Existing Use no construction
- Grading -
- Vehicle Trips - Per Transportation Analysis
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Vehicle Emission Factors -

Table Name	Column Name	Default Value	New Value
tblGrading	AcresOfGrading	90.00	0.00
tblGrading	AcresOfGrading	15.00	0.00

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.74	9.74
tblVehicleTrips	SU_TR	1.74	9.74
tblVehicleTrips	WD_TR	1.74	9.74

**2.0 Emissions Summary**

**2.1 Overall Construction (Maximum Daily Emission)**

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2762	46.4736	31.5998	0.0803	18.2141	2.0455	20.2597	9.9699	1.8819	11.8518	0.0000	8,129.8759	8,129.8759	1.9498	0.5695	8,319.5034
2022	3.2927	26.3280	29.1737	0.0788	3.4953	0.9174	4.4127	0.9461	0.8642	1.8103	0.0000	7,993.1915	7,993.1915	0.7745	0.5492	8,176.2059
2023	209.5255	23.5258	27.8614	0.0772	3.4954	0.7623	4.2577	0.9462	0.7177	1.6638	0.0000	7,838.0663	7,838.0663	0.7549	0.5265	8,013.8436
<b>Maximum</b>	<b>209.5255</b>	<b>46.4736</b>	<b>31.5998</b>	<b>0.0803</b>	<b>18.2141</b>	<b>2.0455</b>	<b>20.2597</b>	<b>9.9699</b>	<b>1.8819</b>	<b>11.8518</b>	<b>0.0000</b>	<b>8,129.8759</b>	<b>8,129.8759</b>	<b>1.9498</b>	<b>0.5695</b>	<b>8,319.5034</b>

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

2021	4.2762	46.4736	31.5998	0.0803	18.2141	2.0455	20.2597	9.9699	1.8819	11.8518	0.0000	8,129.8759	8,129.8759	1.9498	0.5695	8,319.5033
2022	3.2927	26.3280	29.1737	0.0788	3.4953	0.9174	4.4127	0.9461	0.8642	1.8103	0.0000	7,993.1915	7,993.1915	0.7745	0.5492	8,176.2059
2023	209.5255	23.5258	27.8614	0.0772	3.4954	0.7623	4.2577	0.9462	0.7177	1.6638	0.0000	7,838.0663	7,838.0663	0.7549	0.5265	8,013.8435
<b>Maximum</b>	<b>209.5255</b>	<b>46.4736</b>	<b>31.5998</b>	<b>0.0803</b>	<b>18.2141</b>	<b>2.0455</b>	<b>20.2597</b>	<b>9.9699</b>	<b>1.8819</b>	<b>11.8518</b>	<b>0.0000</b>	<b>8,129.8759</b>	<b>8,129.8759</b>	<b>1.9498</b>	<b>0.5695</b>	<b>8,319.5033</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.4508	7.2000e-004	0.0786	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1679	0.1679	4.5000e-004		0.1790
Energy	0.0291	0.2646	0.2222	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.4779	317.4779	6.0800e-003	5.8200e-003	319.3645
Mobile	13.4410	19.6602	134.5680	0.1936	18.4031	0.2465	18.6497	4.9076	0.2317	5.1393		19,761.0127	19,761.0127	1.9625	9.2772	22,574.6767
<b>Total</b>	<b>20.9210</b>	<b>19.9255</b>	<b>134.8688</b>	<b>0.1952</b>	<b>18.4031</b>	<b>0.2669</b>	<b>18.6701</b>	<b>4.9076</b>	<b>0.2521</b>	<b>5.1597</b>		<b>20,078.6585</b>	<b>20,078.6585</b>	<b>1.9690</b>	<b>9.2830</b>	<b>22,894.2202</b>

**Mitigated Operational**

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.4508	7.2000e-004	0.0786	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1679	0.1679	4.5000e-004		0.1790
Energy	0.0291	0.2646	0.2222	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.4779	317.4779	6.0800e-003	5.8200e-003	319.3645
Mobile	13.4410	19.6602	134.5680	0.1936	18.4031	0.2465	18.6497	4.9076	0.2317	5.1393		19,761.0127	19,761.0127	1.9625	9.2772	22,574.6767
<b>Total</b>	<b>20.9210</b>	<b>19.9255</b>	<b>134.8688</b>	<b>0.1952</b>	<b>18.4031</b>	<b>0.2669</b>	<b>18.6701</b>	<b>4.9076</b>	<b>0.2521</b>	<b>5.1597</b>		<b>20,078.6585</b>	<b>20,078.6585</b>	<b>1.9690</b>	<b>9.2830</b>	<b>22,894.2202</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/17/2021	9/13/2021	5	20	
2	Site Preparation	Site Preparation	9/14/2021	9/27/2021	5	10	
3	Grading	Grading	9/28/2021	11/8/2021	5	30	
4	Building Construction	Building Construction	11/9/2021	1/2/2023	5	300	
5	Paving	Paving	1/3/2023	1/30/2023	5	20	
6	Architectural Coating	Architectural Coating	1/31/2023	2/27/2023	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0



Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Acres of Paving: 11.04**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 429,495; Non-Residential Outdoor: 143,165; Striped Parking Area: 28,842**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	322.00	126.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	64.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>		<b>1.5513</b>	<b>1.5513</b>		<b>1.4411</b>	<b>1.4411</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0638	0.0554	0.5410	1.1200e-003	0.1232	9.0000e-004	0.1241	0.0327	8.3000e-004	0.0335		113.8789	113.8789	5.2500e-003	4.5100e-003	115.3543

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

<b>Total</b>	<b>0.0638</b>	<b>0.0554</b>	<b>0.5410</b>	<b>1.1200e-003</b>	<b>0.1232</b>	<b>9.0000e-004</b>	<b>0.1241</b>	<b>0.0327</b>	<b>8.3000e-004</b>	<b>0.0335</b>		<b>113.8789</b>	<b>113.8789</b>	<b>5.2500e-003</b>	<b>4.5100e-003</b>	<b>115.3543</b>
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**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>		<b>1.5513</b>	<b>1.5513</b>		<b>1.4411</b>	<b>1.4411</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0638	0.0554	0.5410	1.1200e-003	0.1232	9.0000e-004	0.1241	0.0327	8.3000e-004	0.0335		113.8789	113.8789	5.2500e-003	4.5100e-003	115.3543
<b>Total</b>	<b>0.0638</b>	<b>0.0554</b>	<b>0.5410</b>	<b>1.1200e-003</b>	<b>0.1232</b>	<b>9.0000e-004</b>	<b>0.1241</b>	<b>0.0327</b>	<b>8.3000e-004</b>	<b>0.0335</b>		<b>113.8789</b>	<b>113.8789</b>	<b>5.2500e-003</b>	<b>4.5100e-003</b>	<b>115.3543</b>

Rue Ferrari Existing - Santa Cruz County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0766	0.0664	0.6492	1.3500e-003	0.1479	1.0800e-003	0.1489	0.0392	9.9000e-004	0.0402		136.6546	136.6546	6.3000e-003	5.4100e-003	138.4251
<b>Total</b>	<b>0.0766</b>	<b>0.0664</b>	<b>0.6492</b>	<b>1.3500e-003</b>	<b>0.1479</b>	<b>1.0800e-003</b>	<b>0.1489</b>	<b>0.0392</b>	<b>9.9000e-004</b>	<b>0.0402</b>		<b>136.6546</b>	<b>136.6546</b>	<b>6.3000e-003</b>	<b>5.4100e-003</b>	<b>138.4251</b>

Mitigated Construction On-Site

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0766	0.0664	0.6492	1.3500e-003	0.1479	1.0800e-003	0.1489	0.0392	9.9000e-004	0.0402		136.6546	136.6546	6.3000e-003	5.4100e-003	138.4251
<b>Total</b>	<b>0.0766</b>	<b>0.0664</b>	<b>0.6492</b>	<b>1.3500e-003</b>	<b>0.1479</b>	<b>1.0800e-003</b>	<b>0.1489</b>	<b>0.0392</b>	<b>9.9000e-004</b>	<b>0.0402</b>		<b>136.6546</b>	<b>136.6546</b>	<b>6.3000e-003</b>	<b>5.4100e-003</b>	<b>138.4251</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>6.0221</b>	<b>1.9853</b>	<b>8.0074</b>	<b>3.3102</b>	<b>1.8265</b>	<b>5.1367</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0851	0.0738	0.7214	1.5000e-003	0.1643	1.2000e-003	0.1655	0.0436	1.1000e-003	0.0447		151.8385	151.8385	7.0000e-003	6.0100e-003	153.8057
<b>Total</b>	<b>0.0851</b>	<b>0.0738</b>	<b>0.7214</b>	<b>1.5000e-003</b>	<b>0.1643</b>	<b>1.2000e-003</b>	<b>0.1655</b>	<b>0.0436</b>	<b>1.1000e-003</b>	<b>0.0447</b>		<b>151.8385</b>	<b>151.8385</b>	<b>7.0000e-003</b>	<b>6.0100e-003</b>	<b>153.8057</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Category	lb/day										lb/day						
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102					0.0000		0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428			6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>6.0221</b>	<b>1.9853</b>	<b>8.0074</b>	<b>3.3102</b>	<b>1.8265</b>	<b>5.1367</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>			<b>6,055.6134</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0851	0.0738	0.7214	1.5000e-003	0.1643	1.2000e-003	0.1655	0.0436	1.1000e-003	0.0447		151.8385	151.8385	7.0000e-003	6.0100e-003	153.8057
<b>Total</b>	<b>0.0851</b>	<b>0.0738</b>	<b>0.7214</b>	<b>1.5000e-003</b>	<b>0.1643</b>	<b>1.2000e-003</b>	<b>0.1655</b>	<b>0.0436</b>	<b>1.1000e-003</b>	<b>0.0447</b>		<b>151.8385</b>	<b>151.8385</b>	<b>7.0000e-003</b>	<b>6.0100e-003</b>	<b>153.8057</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>		<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4647	11.3137	2.6041	0.0292	0.8501	0.1530	1.0031	0.2445	0.1464	0.3909		3,131.9126	3,131.9126	0.0679	0.4727	3,274.4674
Worker	1.3694	1.1884	11.6142	0.0241	2.6452	0.0193	2.6644	0.7016	0.0178	0.7194		2,444.5994	2,444.5994	0.1126	0.0968	2,476.2717
<b>Total</b>	<b>1.8341</b>	<b>12.5021</b>	<b>14.2183</b>	<b>0.0533</b>	<b>3.4953</b>	<b>0.1723</b>	<b>3.6675</b>	<b>0.9461</b>	<b>0.1642</b>	<b>1.1103</b>		<b>5,576.5120</b>	<b>5,576.5120</b>	<b>0.1805</b>	<b>0.5695</b>	<b>5,750.7391</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>	<b>0.0000</b>	<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>



Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4647	11.3137	2.6041	0.0292	0.8501	0.1530	1.0031	0.2445	0.1464	0.3909		3,131.9126	3,131.9126	0.0679	0.4727	3,274.4674
Worker	1.3694	1.1884	11.6142	0.0241	2.6452	0.0193	2.6644	0.7016	0.0178	0.7194		2,444.5994	2,444.5994	0.1126	0.0968	2,476.2717
<b>Total</b>	<b>1.8341</b>	<b>12.5021</b>	<b>14.2183</b>	<b>0.0533</b>	<b>3.4953</b>	<b>0.1723</b>	<b>3.6675</b>	<b>0.9461</b>	<b>0.1642</b>	<b>1.1103</b>		<b>5,576.5120</b>	<b>5,576.5120</b>	<b>0.1805</b>	<b>0.5695</b>	<b>5,750.7391</b>

**3.5 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3112	9.6649	2.1910	0.0285	0.8502	0.0902	0.9404	0.2445	0.0863	0.3308		3,054.1896	3,054.1896	0.0611	0.4604	3,192.9222
Worker	1.2753	1.0474	10.6193	0.0234	2.6452	0.0181	2.6633	0.7016	0.0167	0.7184		2,384.6683	2,384.6683	0.1015	0.0888	2,413.6515
<b>Total</b>	<b>1.5864</b>	<b>10.7123</b>	<b>12.8103</b>	<b>0.0519</b>	<b>3.4953</b>	<b>0.1084</b>	<b>3.6037</b>	<b>0.9461</b>	<b>0.1031</b>	<b>1.0492</b>		<b>5,438.8579</b>	<b>5,438.8579</b>	<b>0.1626</b>	<b>0.5492</b>	<b>5,606.5737</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

**Mitigated Construction Off-Site**

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3112	9.6649	2.1910	0.0285	0.8502	0.0902	0.9404	0.2445	0.0863	0.3308		3,054.1896	3,054.1896	0.0611	0.4604	3,192.9222
Worker	1.2753	1.0474	10.6193	0.0234	2.6452	0.0181	2.6633	0.7016	0.0167	0.7184		2,384.6683	2,384.6683	0.1015	0.0888	2,413.6515
<b>Total</b>	<b>1.5864</b>	<b>10.7123</b>	<b>12.8103</b>	<b>0.0519</b>	<b>3.4953</b>	<b>0.1084</b>	<b>3.6037</b>	<b>0.9461</b>	<b>0.1031</b>	<b>1.0492</b>		<b>5,438.8579</b>	<b>5,438.8579</b>	<b>0.1626</b>	<b>0.5492</b>	<b>5,606.5737</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1835	8.2150	1.8565	0.0275	0.8502	0.0455	0.8957	0.2445	0.0435	0.2881		2,955.3782	2,955.3782	0.0555	0.4449	3,089.3388
Worker	1.1907	0.9259	9.7609	0.0227	2.6452	0.0171	2.6622	0.7016	0.0157	0.7174		2,327.4782	2,327.4782	0.0916	0.0817	2,354.0987
<b>Total</b>	<b>1.3742</b>	<b>9.1409</b>	<b>11.6174</b>	<b>0.0503</b>	<b>3.4954</b>	<b>0.0626</b>	<b>3.5579</b>	<b>0.9462</b>	<b>0.0593</b>	<b>1.0054</b>		<b>5,282.8563</b>	<b>5,282.8563</b>	<b>0.1471</b>	<b>0.5265</b>	<b>5,443.4375</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1835	8.2150	1.8565	0.0275	0.8502	0.0455	0.8957	0.2445	0.0435	0.2881		2,955.3782	2,955.3782	0.0555	0.4449	3,089.3388

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Worker	1.1907	0.9259	9.7609	0.0227	2.6452	0.0171	2.6622	0.7016	0.0157	0.7174		2,327.4782	2,327.4782	0.0916	0.0817	2,354.0987
<b>Total</b>	<b>1.3742</b>	<b>9.1409</b>	<b>11.6174</b>	<b>0.0503</b>	<b>3.4954</b>	<b>0.0626</b>	<b>3.5579</b>	<b>0.9462</b>	<b>0.0593</b>	<b>1.0054</b>		<b>5,282.8563</b>	<b>5,282.8563</b>	<b>0.1471</b>	<b>0.5265</b>	<b>5,443.4375</b>

**3.6 Paving - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	1.1227					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>2.1554</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>		<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0555	0.0431	0.4547	1.0600e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		108.4229	108.4229	4.2600e-003	3.8000e-003	109.6630

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Total	0.0555	0.0431	0.4547	1.0600e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		108.4229	108.4229	4.2600e-003	3.8000e-003	109.6630
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**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	1.1227					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>2.1554</b>	<b>10.1917</b>	<b>14.5842</b>	<b>0.0228</b>		<b>0.5102</b>	<b>0.5102</b>		<b>0.4694</b>	<b>0.4694</b>	<b>0.0000</b>	<b>2,207.5841</b>	<b>2,207.5841</b>	<b>0.7140</b>		<b>2,225.4336</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0555	0.0431	0.4547	1.0600e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		108.4229	108.4229	4.2600e-003	3.8000e-003	109.6630
<b>Total</b>	<b>0.0555</b>	<b>0.0431</b>	<b>0.4547</b>	<b>1.0600e-003</b>	<b>0.1232</b>	<b>7.9000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>7.3000e-004</b>	<b>0.0334</b>		<b>108.4229</b>	<b>108.4229</b>	<b>4.2600e-003</b>	<b>3.8000e-003</b>	<b>109.6630</b>

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.7 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	209.0971					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>209.2888</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2367	0.1840	1.9401	4.5200e-003	0.5257	3.3900e-003	0.5291	0.1395	3.1300e-003	0.1426		462.6044	462.6044	0.0182	0.0162	467.8954
<b>Total</b>	<b>0.2367</b>	<b>0.1840</b>	<b>1.9401</b>	<b>4.5200e-003</b>	<b>0.5257</b>	<b>3.3900e-003</b>	<b>0.5291</b>	<b>0.1395</b>	<b>3.1300e-003</b>	<b>0.1426</b>		<b>462.6044</b>	<b>462.6044</b>	<b>0.0182</b>	<b>0.0162</b>	<b>467.8954</b>

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	209.0971					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>209.2888</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2367	0.1840	1.9401	4.5200e-003	0.5257	3.3900e-003	0.5291	0.1395	3.1300e-003	0.1426		462.6044	462.6044	0.0182	0.0162	467.8954
<b>Total</b>	<b>0.2367</b>	<b>0.1840</b>	<b>1.9401</b>	<b>4.5200e-003</b>	<b>0.5257</b>	<b>3.3900e-003</b>	<b>0.5291</b>	<b>0.1395</b>	<b>3.1300e-003</b>	<b>0.1426</b>		<b>462.6044</b>	<b>462.6044</b>	<b>0.0182</b>	<b>0.0162</b>	<b>467.8954</b>

**4.0 Operational Detail - Mobile**



Rue Ferrari Existing - Santa Cruz County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.1 Mitigation Measures Mobile

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
lb/day											lb/day					
Mitigated	13.4410	19.6602	134.5680	0.1936	18.4031	0.2465	18.6497	4.9076	0.2317	5.1393		19,761.012	19,761.012	1.9625	9.2772	22,574.676
Unmitigated	13.4410	19.6602	134.5680	0.1936	18.4031	0.2465	18.6497	4.9076	0.2317	5.1393		19,761.012	19,761.012	1.9625	9.2772	22,574.676

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	2,788.85	2,788.85	2,788.85	8,728,199	8,728,199
<b>Total</b>	<b>2,788.85</b>	<b>2,788.85</b>	<b>2,788.85</b>	<b>8,728,199</b>	<b>8,728,199</b>

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Non-Asphalt Surfaces	0.492584	0.055551	0.211895	0.139925	0.032315	0.006837	0.011800	0.003940	0.000827	0.000870	0.036730	0.001182	0.005545
Parking Lot	0.492584	0.055551	0.211895	0.139925	0.032315	0.006837	0.011800	0.003940	0.000827	0.000870	0.036730	0.001182	0.005545
Unrefrigerated Warehouse-No Rail	0.492584	0.055551	0.211895	0.139925	0.032315	0.006837	0.011800	0.003940	0.000827	0.000870	0.036730	0.001182	0.005545

Rue Ferrari Existing - Santa Cruz County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0291	0.2646	0.2222	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.4779	317.4779	6.0800e-003	5.8200e-003	319.3645
NaturalGas Unmitigated	0.0291	0.2646	0.2222	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.4779	317.4779	6.0800e-003	5.8200e-003	319.3645

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	2698.56	0.0291	0.2646	0.2222	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.4779	317.4779	6.0800e-003	5.8200e-003	319.3645
<b>Total</b>		<b>0.0291</b>	<b>0.2646</b>	<b>0.2222</b>	<b>1.5900e-003</b>		<b>0.0201</b>	<b>0.0201</b>		<b>0.0201</b>	<b>0.0201</b>		<b>317.4779</b>	<b>317.4779</b>	<b>6.0800e-003</b>	<b>5.8200e-003</b>	<b>319.3645</b>

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	2.69856	0.0291	0.2646	0.2222	1.5900e-003		0.0201	0.0201		0.0201	0.0201		317.4779	317.4779	6.0800e-003	5.8200e-003	319.3645
<b>Total</b>		<b>0.0291</b>	<b>0.2646</b>	<b>0.2222</b>	<b>1.5900e-003</b>		<b>0.0201</b>	<b>0.0201</b>		<b>0.0201</b>	<b>0.0201</b>		<b>317.4779</b>	<b>317.4779</b>	<b>6.0800e-003</b>	<b>5.8200e-003</b>	<b>319.3645</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.4508	7.2000e-004	0.0786	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1679	0.1679	4.5000e-004		0.1790
Unmitigated	7.4508	7.2000e-004	0.0786	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1679	0.1679	4.5000e-004		0.1790

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.1457					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.2977					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.3400e-003	7.2000e-004	0.0786	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1679	0.1679	4.5000e-004		0.1790
<b>Total</b>	<b>7.4508</b>	<b>7.2000e-004</b>	<b>0.0786</b>	<b>1.0000e-005</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>0.1679</b>	<b>0.1679</b>	<b>4.5000e-004</b>		<b>0.1790</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.1457					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.2977					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.3400e-003	7.2000e-004	0.0786	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004		0.1679	0.1679	4.5000e-004		0.1790
<b>Total</b>	<b>7.4508</b>	<b>7.2000e-004</b>	<b>0.0786</b>	<b>1.0000e-005</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>0.1679</b>	<b>0.1679</b>	<b>4.5000e-004</b>		<b>0.1790</b>

Rue Ferrari Existing - Santa Cruz County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied****7.0 Water Detail**

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**7.1 Mitigation Measures Water****8.0 Waste Detail**

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**8.1 Mitigation Measures Waste****9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Rue Ferrari Project (Construction + Ops)  
Santa Clara County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	302.77	1000sqft	6.95	302,775.00	0
Parking Lot	351.09	1000sqft	8.06	351,086.00	0
City Park	2.60	Acre	2.60	0.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	4			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas and Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	203.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

- Project Characteristics -
- Land Use - Land use per 5/6/2021 site plan
- Construction Phase - anticipated construction schedule
- Demolition - 19,000 tons of concrete, 9,700 tons of asphalt
- Grading - 5,000 cy import
- Vehicle Trips - Estimated traffic data per TA Report
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Construction Off-road Equipment Mitigation - BAAQMD Dust Control Measures
- Waste Mitigation - AB939



## Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblConstructionPhase	NumDays	20.00	98.00
tblConstructionPhase	NumDays	300.00	149.00
tblFleetMix	HHD	6.3620e-003	0.60
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.0410e-003	0.17
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	2.8380e-003	0.00
tblFleetMix	MHD	7.8170e-003	0.23
tblFleetMix	OBUS	9.1200e-004	0.00
tblFleetMix	SBUS	9.2700e-004	0.00
tblFleetMix	UBUS	3.8900e-004	0.00
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LandUseSquareFeet	302,770.00	302,775.00
tblLandUse	LandUseSquareFeet	351,090.00	351,086.00
tblLandUse	LandUseSquareFeet	113,256.00	0.00
tblVehicleTrips	CNW_TL	7.30	40.00
tblVehicleTrips	CNW_TTP	0.00	100.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	9.50	13.54
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00



Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	0.00	0.32
tblVehicleTrips	ST_TR	1.74	6.74
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	0.00	0.32
tblVehicleTrips	SU_TR	1.74	6.74
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	0.00	0.32
tblVehicleTrips	WD_TR	1.74	6.74

**2.0 Emissions Summary**

**2.1 Overall Construction (Maximum Daily Emission)**

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	36.7987	49.4465	30.1608	0.1302	33.3129	1.6614	34.7774	10.1417	1.5294	11.6259	0.0000	13,701.0253	13,701.0253	1.9875	1.5628	14,201.5813
2023	34.0513	1.3886	3.1453	6.8300e-003	0.4518	0.0730	0.5248	0.1198	0.0728	0.1927	0.0000	676.9507	676.9507	0.0268	9.4600e-003	680.4397
<b>Maximum</b>	<b>36.7987</b>	<b>49.4465</b>	<b>30.1608</b>	<b>0.1302</b>	<b>33.3129</b>	<b>1.6614</b>	<b>34.7774</b>	<b>10.1417</b>	<b>1.5294</b>	<b>11.6259</b>	<b>0.0000</b>	<b>13,701.0253</b>	<b>13,701.0253</b>	<b>1.9875</b>	<b>1.5628</b>	<b>14,201.5813</b>

Mitigated Construction

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	35.4784	25.7303	34.1184	0.1302	15.6138	0.2835	15.8974	4.3561	0.2739	4.4189	0.0000	13,701.0253	13,701.0253	1.9875	1.5628	14,201.5813
2023	33.8894	0.2144	3.1666	6.8300e-003	0.4283	6.1300e-003	0.4344	0.1141	5.9600e-003	0.1200	0.0000	676.9507	676.9507	0.0268	9.4600e-003	680.4397
Maximum	35.4784	25.7303	34.1184	0.1302	15.6138	0.2835	15.8974	4.3561	0.2739	4.4189	0.0000	13,701.0253	13,701.0253	1.9875	1.5628	14,201.5813

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.09	48.96	-11.95	0.00	52.49	83.30	53.74	56.44	82.53	61.60	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.5152	6.1000e-004	0.0670	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004		0.1437	0.1437	3.8000e-004		0.1531
Energy	0.0308	0.2798	0.2350	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.7119	335.7119	6.4300e-003	6.1500e-003	337.7068
Mobile	7.6885	29.7304	87.9312	0.3135	25.1839	0.3169	25.5008	6.7695	0.2999	7.0693		32,765.4383	32,765.4383	1.2492	2.5653	33,561.1216
Total	15.2345	30.0107	88.2332	0.3152	25.1839	0.3384	25.5223	6.7695	0.3214	7.0908		33,101.2938	33,101.2938	1.2561	2.5714	33,898.9815

**Mitigated Operational**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.5152	6.1000e-004	0.0670	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004		0.1437	0.1437	3.8000e-004		0.1531
Energy	0.0308	0.2798	0.2350	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.7119	335.7119	6.4300e-003	6.1500e-003	337.7068
Mobile	7.6885	29.7304	87.9312	0.3135	25.1839	0.3169	25.5008	6.7695	0.2999	7.0693		32,765.4383	32,765.4383	1.2492	2.5653	33,561.1216
<b>Total</b>	<b>15.2345</b>	<b>30.0107</b>	<b>88.2332</b>	<b>0.3152</b>	<b>25.1839</b>	<b>0.3384</b>	<b>25.5223</b>	<b>6.7695</b>	<b>0.3214</b>	<b>7.0908</b>		<b>33,101.2938</b>	<b>33,101.2938</b>	<b>1.2561</b>	<b>2.5714</b>	<b>33,898.9815</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/15/2022	3/14/2022	5	20	
2	Site Preparation	Site Preparation	3/15/2022	3/28/2022	5	10	
3	Grading	Grading	3/29/2022	5/9/2022	5	30	
4	Building Construction	Building Construction	6/7/2022	12/30/2022	5	149	
5	Paving	Paving	5/10/2022	6/6/2022	5	20	
6	Architectural Coating	Architectural Coating	10/1/2022	2/15/2023	5	98	

**Acres of Grading (Site Preparation Phase): 15**

**Acres of Grading (Grading Phase): 90**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Acres of Paving: 8.06**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 454,163; Non-Residential Outdoor: 151,388; Striped Parking Area: 21,065**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	2,838.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Grading	8	20.00	0.00	494.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	275.00	107.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	55.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

- Use Cleaner Engines for Construction Equipment
- Replace Ground Cover
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

**3.2 Demolition - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					30.7076	0.0000	30.7076	4.6494	0.0000	4.6494			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>30.7076</b>	<b>1.2427</b>	<b>31.9502</b>	<b>4.6494</b>	<b>1.1553</b>	<b>5.8047</b>		<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.0524</b>		<b>3,773.0920</b>

**Unmitigated Construction Off-Site**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6775	23.7007	5.1257	0.0903	2.4821	0.2213	2.7034	0.6804	0.2117	0.8921		9,843.5760	9,843.5760	0.3388	1.5600	10,316.9171
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0425	0.0263	0.3934	1.0900e-003	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		110.6682	110.6682	3.0000e-003	2.7800e-003	111.5722
<b>Total</b>	<b>0.7200</b>	<b>23.7271</b>	<b>5.5191</b>	<b>0.0914</b>	<b>2.6053</b>	<b>0.2219</b>	<b>2.8272</b>	<b>0.7130</b>	<b>0.2123</b>	<b>0.9253</b>		<b>9,954.2442</b>	<b>9,954.2442</b>	<b>0.3418</b>	<b>1.5628</b>	<b>10,428.4893</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.1275	0.0000	13.1275	1.9876	0.0000	1.9876			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
<b>Total</b>	<b>0.4623</b>	<b>2.0032</b>	<b>23.2798</b>	<b>0.0388</b>	<b>13.1275</b>	<b>0.0616</b>	<b>13.1891</b>	<b>1.9876</b>	<b>0.0616</b>	<b>2.0493</b>	<b>0.0000</b>	<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.0524</b>		<b>3,773.0920</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Category	lb/day										lb/day					
	Hauling	0.6775	23.7007	5.1257	0.0903	2.3695	0.2213	2.5908	0.6527	0.2117	0.8644	9,843.5760	9,843.5760	0.3388	1.5600	10,316.9171
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Worker	0.0425	0.0263	0.3934	1.0900e-003	0.1168	6.2000e-004	0.1174	0.0311	5.7000e-004	0.0317	110.6682	110.6682	3.0000e-003	2.7800e-003	111.5722	
<b>Total</b>	<b>0.7200</b>	<b>23.7271</b>	<b>5.5191</b>	<b>0.0914</b>	<b>2.4863</b>	<b>0.2219</b>	<b>2.7082</b>	<b>0.6838</b>	<b>0.2123</b>	<b>0.8961</b>	<b>9,954.2442</b>	<b>9,954.2442</b>	<b>0.3418</b>	<b>1.5628</b>	<b>10,428.4893</b>	

**3.3 Site Preparation - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>19.6570</b>	<b>1.6126</b>	<b>21.2696</b>	<b>10.1025</b>	<b>1.4836</b>	<b>11.5860</b>		<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0510	0.0316	0.4720	1.3100e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		132.8018	132.8018	3.6000e-003	3.3400e-003	133.8866
<b>Total</b>	<b>0.0510</b>	<b>0.0316</b>	<b>0.4720</b>	<b>1.3100e-003</b>	<b>0.1479</b>	<b>7.5000e-004</b>	<b>0.1486</b>	<b>0.0392</b>	<b>6.9000e-004</b>	<b>0.0399</b>		<b>132.8018</b>	<b>132.8018</b>	<b>3.6000e-003</b>	<b>3.3400e-003</b>	<b>133.8866</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.4034	0.0000	8.4034	4.3188	0.0000	4.3188			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>0.4656</b>	<b>2.0175</b>	<b>20.8690</b>	<b>0.0380</b>	<b>8.4034</b>	<b>0.0621</b>	<b>8.4655</b>	<b>4.3188</b>	<b>0.0621</b>	<b>4.3809</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000



Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0510	0.0316	0.4720	1.3100e-003	0.1402	7.5000e-004	0.1409	0.0373	6.9000e-004	0.0380		132.8018	132.8018	3.6000e-003	3.3400e-003	133.8866
<b>Total</b>	<b>0.0510</b>	<b>0.0316</b>	<b>0.4720</b>	<b>1.3100e-003</b>	<b>0.1402</b>	<b>7.5000e-004</b>	<b>0.1409</b>	<b>0.0373</b>	<b>6.9000e-004</b>	<b>0.0380</b>		<b>132.8018</b>	<b>132.8018</b>	<b>3.6000e-003</b>	<b>3.3400e-003</b>	<b>133.8866</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>9.2036</b>	<b>1.6349</b>	<b>10.8385</b>	<b>3.6538</b>	<b>1.5041</b>	<b>5.1579</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0786	2.7503	0.5948	0.0105	0.2880	0.0257	0.3137	0.0790	0.0246	0.1035		1,142.2895	1,142.2895	0.0393	0.1810	1,197.2180
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Worker	0.0567	0.0351	0.5245	1.4500e-003	0.1643	8.3000e-004	0.1651	0.0436	7.6000e-004	0.0443		147.5576	147.5576	4.0100e-003	3.7100e-003	148.7629
<b>Total</b>	<b>0.1353</b>	<b>2.7854</b>	<b>1.1193</b>	<b>0.0119</b>	<b>0.4523</b>	<b>0.0265</b>	<b>0.4788</b>	<b>0.1225</b>	<b>0.0253</b>	<b>0.1479</b>		<b>1,289.8471</b>	<b>1,289.8471</b>	<b>0.0433</b>	<b>0.1847</b>	<b>1,345.9809</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9345	0.0000	3.9345	1.5620	0.0000	1.5620			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>0.7616</b>	<b>3.3000</b>	<b>32.9991</b>	<b>0.0621</b>	<b>3.9345</b>	<b>0.1015</b>	<b>4.0361</b>	<b>1.5620</b>	<b>0.1015</b>	<b>1.6635</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0786	2.7503	0.5948	0.0105	0.2750	0.0257	0.3007	0.0758	0.0246	0.1003		1,142.2895	1,142.2895	0.0393	0.1810	1,197.2180
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0567	0.0351	0.5245	1.4500e-003	0.1557	8.3000e-004	0.1566	0.0415	7.6000e-004	0.0422		147.5576	147.5576	4.0100e-003	3.7100e-003	148.7629

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

<b>Total</b>	<b>0.1353</b>	<b>2.7854</b>	<b>1.1193</b>	<b>0.0119</b>	<b>0.4307</b>	<b>0.0265</b>	<b>0.4572</b>	<b>0.1172</b>	<b>0.0253</b>	<b>0.1426</b>		<b>1,289.8471</b>	<b>1,289.8471</b>	<b>0.0433</b>	<b>0.1847</b>	<b>1,345.9809</b>
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**3.5 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2385	5.8247	1.7361	0.0228	0.7247	0.0632	0.7879	0.2086	0.0604	0.2691		2,445.9663	2,445.9663	0.0554	0.3607	2,554.8275
Worker	0.7790	0.4827	7.2116	0.0199	2.2591	0.0114	2.2705	0.5992	0.0105	0.6097		2,028.9169	2,028.9169	0.0551	0.0510	2,045.4903
<b>Total</b>	<b>1.0176</b>	<b>6.3074</b>	<b>8.9477</b>	<b>0.0428</b>	<b>2.9838</b>	<b>0.0746</b>	<b>3.0584</b>	<b>0.8078</b>	<b>0.0709</b>	<b>0.8788</b>		<b>4,474.8832</b>	<b>4,474.8832</b>	<b>0.1105</b>	<b>0.4117</b>	<b>4,600.3178</b>

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>0.5608</b>	<b>2.6936</b>	<b>17.6592</b>	<b>0.0269</b>		<b>0.1018</b>	<b>0.1018</b>		<b>0.1018</b>	<b>0.1018</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2385	5.8247	1.7361	0.0228	0.6937	0.0632	0.7569	0.2010	0.0604	0.2615		2,445.9663	2,445.9663	0.0554	0.3607	2,554.8275
Worker	0.7790	0.4827	7.2116	0.0199	2.1413	0.0114	2.1527	0.5703	0.0105	0.5808		2,028.9169	2,028.9169	0.0551	0.0510	2,045.4903
<b>Total</b>	<b>1.0176</b>	<b>6.3074</b>	<b>8.9477</b>	<b>0.0428</b>	<b>2.8350</b>	<b>0.0746</b>	<b>2.9096</b>	<b>0.7713</b>	<b>0.0709</b>	<b>0.8423</b>		<b>4,474.8832</b>	<b>4,474.8832</b>	<b>0.1105</b>	<b>0.4117</b>	<b>4,600.3178</b>

**3.6 Paving - 2022**

**Unmitigated Construction On-Site**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	1.0559					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>2.1587</b>	<b>11.1249</b>	<b>14.5805</b>	<b>0.0228</b>		<b>0.5679</b>	<b>0.5679</b>		<b>0.5225</b>	<b>0.5225</b>		<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0425	0.0263	0.3934	1.0900e-003	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		110.6682	110.6682	3.0000e-003	2.7800e-003	111.5722
<b>Total</b>	<b>0.0425</b>	<b>0.0263</b>	<b>0.3934</b>	<b>1.0900e-003</b>	<b>0.1232</b>	<b>6.2000e-004</b>	<b>0.1238</b>	<b>0.0327</b>	<b>5.7000e-004</b>	<b>0.0333</b>		<b>110.6682</b>	<b>110.6682</b>	<b>3.0000e-003</b>	<b>2.7800e-003</b>	<b>111.5722</b>

**Mitigated Construction On-Site**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	1.0559					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3363</b>	<b>1.2154</b>	<b>17.2957</b>	<b>0.0228</b>		<b>0.0374</b>	<b>0.0374</b>		<b>0.0374</b>	<b>0.0374</b>	<b>0.0000</b>	<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0425	0.0263	0.3934	1.0900e-003	0.1168	6.2000e-004	0.1174	0.0311	5.7000e-004	0.0317		110.6682	110.6682	3.0000e-003	2.7800e-003	111.5722
<b>Total</b>	<b>0.0425</b>	<b>0.0263</b>	<b>0.3934</b>	<b>1.0900e-003</b>	<b>0.1168</b>	<b>6.2000e-004</b>	<b>0.1174</b>	<b>0.0311</b>	<b>5.7000e-004</b>	<b>0.0317</b>		<b>110.6682</b>	<b>110.6682</b>	<b>3.0000e-003</b>	<b>2.7800e-003</b>	<b>111.5722</b>

**3.7 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Category	lb/day										lb/day				
Archit. Coating	33.7145					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183	281.9062
<b>Total</b>	<b>33.9191</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>	<b>281.9062</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1558	0.0965	1.4423	3.9900e-003	0.4518	2.2800e-003	0.4541	0.1198	2.1000e-003	0.1219		405.7834	405.7834	0.0110	0.0102	409.0981
<b>Total</b>	<b>0.1558</b>	<b>0.0965</b>	<b>1.4423</b>	<b>3.9900e-003</b>	<b>0.4518</b>	<b>2.2800e-003</b>	<b>0.4541</b>	<b>0.1198</b>	<b>2.1000e-003</b>	<b>0.1219</b>		<b>405.7834</b>	<b>405.7834</b>	<b>0.0110</b>	<b>0.0102</b>	<b>409.0981</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Archit. Coating	33.7145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>33.7443</b>	<b>0.1288</b>	<b>1.8324</b>	<b>2.9700e-003</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1558	0.0965	1.4423	3.9900e-003	0.4283	2.2800e-003	0.4305	0.1141	2.1000e-003	0.1162		405.7834	405.7834	0.0110	0.0102	409.0981
<b>Total</b>	<b>0.1558</b>	<b>0.0965</b>	<b>1.4423</b>	<b>3.9900e-003</b>	<b>0.4283</b>	<b>2.2800e-003</b>	<b>0.4305</b>	<b>0.1141</b>	<b>2.1000e-003</b>	<b>0.1162</b>		<b>405.7834</b>	<b>405.7834</b>	<b>0.0110</b>	<b>0.0102</b>	<b>409.0981</b>

**3.7 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.7145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000



Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>33.9062</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1451	0.0856	1.3342	3.8600e-003	0.4518	2.1700e-003	0.4540	0.1198	1.9900e-003	0.1218		395.5026	395.5026	9.9400e-003	9.4600e-003	398.5707
<b>Total</b>	<b>0.1451</b>	<b>0.0856</b>	<b>1.3342</b>	<b>3.8600e-003</b>	<b>0.4518</b>	<b>2.1700e-003</b>	<b>0.4540</b>	<b>0.1198</b>	<b>1.9900e-003</b>	<b>0.1218</b>		<b>395.5026</b>	<b>395.5026</b>	<b>9.9400e-003</b>	<b>9.4600e-003</b>	<b>398.5707</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.7145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Total	33.7443	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690
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**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1451	0.0856	1.3342	3.8600e-003	0.4283	2.1700e-003	0.4304	0.1141	1.9900e-003	0.1161		395.5026	395.5026	9.9400e-003	9.4600e-003	398.5707
<b>Total</b>	<b>0.1451</b>	<b>0.0856</b>	<b>1.3342</b>	<b>3.8600e-003</b>	<b>0.4283</b>	<b>2.1700e-003</b>	<b>0.4304</b>	<b>0.1141</b>	<b>1.9900e-003</b>	<b>0.1161</b>		<b>395.5026</b>	<b>395.5026</b>	<b>9.9400e-003</b>	<b>9.4600e-003</b>	<b>398.5707</b>

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.6885	29.7304	87.9312	0.3135	25.1839	0.3169	25.5008	6.7695	0.2999	7.0693		32,765.438	32,765.438	1.2492	2.5653	33,561.121

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Unmitigated	7.6885	29.7304	87.9312	0.3135	25.1839	0.3169	25.5008	6.7695	0.2999	7.0693		32,765.438	32,765.438	1.2492	2.5653	33,561.121
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**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Parking Lot	112.35	112.35	112.35	1,635,799	1,635,799
Unrefrigerated Warehouse-No Rail	2,040.67	2,040.67	2,040.67	10,057,564	10,057,564
<b>Total</b>	<b>2,153.02</b>	<b>2,153.02</b>	<b>2,153.02</b>	<b>11,693,362</b>	<b>11,693,362</b>

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	0	0	0
Parking Lot	9.50	7.30	40.00	0.00	0.00	100.00	100	0	0
Unrefrigerated Warehouse-No	13.54	7.30	7.30	100.00	0.00	0.00	100	0	0

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.571175	0.055403	0.188166	0.116095	0.020429	0.005041	0.007817	0.006362	0.000912	0.000389	0.024445	0.000927	0.002838
Parking Lot	0.000000	0.000000	0.000000	0.000000	0.000000	0.170000	0.230000	0.600000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Rail	0.571175	0.055403	0.188166	0.116095	0.020429	0.005041	0.007817	0.006362	0.000912	0.000389	0.024445	0.000927	0.002838

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0308	0.2798	0.2350	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.7119	335.7119	6.4300e-003	6.1500e-003	337.7068
NaturalGas Unmitigated	0.0308	0.2798	0.2350	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.7119	335.7119	6.4300e-003	6.1500e-003	337.7068

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	2853.55	0.0308	0.2798	0.2350	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.7119	335.7119	6.4300e-003	6.1500e-003	337.7068
<b>Total</b>		<b>0.0308</b>	<b>0.2798</b>	<b>0.2350</b>	<b>1.6800e-003</b>		<b>0.0213</b>	<b>0.0213</b>		<b>0.0213</b>	<b>0.0213</b>		<b>335.7119</b>	<b>335.7119</b>	<b>6.4300e-003</b>	<b>6.1500e-003</b>	<b>337.7068</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

City Park	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	2.85355	0.0308	0.2798	0.2350	1.6800e-003	0.0213	0.0213	0.0213	0.0213	0.0213	0.0213	335.7119	335.7119	6.4300e-003	6.1500e-003	337.7068
<b>Total</b>		<b>0.0308</b>	<b>0.2798</b>	<b>0.2350</b>	<b>1.6800e-003</b>	<b>0.0213</b>	<b>0.0213</b>	<b>0.0213</b>	<b>0.0213</b>	<b>0.0213</b>	<b>0.0213</b>	<b>335.7119</b>	<b>335.7119</b>	<b>6.4300e-003</b>	<b>6.1500e-003</b>	<b>337.7068</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.5152	6.1000e-004	0.0670	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004		0.1437	0.1437	3.8000e-004		0.1531
Unmitigated	7.5152	6.1000e-004	0.0670	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004		0.1437	0.1437	3.8000e-004		0.1531

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Architectural Coating	0.9052				0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Consumer Products	6.6037				0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Landscaping	6.2100e-003	6.1000e-004	0.0670	1.0000e-005	2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004		0.1437	0.1437	3.8000e-004	0.1531
<b>Total</b>	<b>7.5152</b>	<b>6.1000e-004</b>	<b>0.0670</b>	<b>1.0000e-005</b>	<b>2.4000e-004</b>	<b>2.4000e-004</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>		<b>0.1437</b>	<b>0.1437</b>	<b>3.8000e-004</b>	<b>0.1531</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9052					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.6037					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.2100e-003	6.1000e-004	0.0670	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004		0.1437	0.1437	3.8000e-004		0.1531
<b>Total</b>	<b>7.5152</b>	<b>6.1000e-004</b>	<b>0.0670</b>	<b>1.0000e-005</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>		<b>0.1437</b>	<b>0.1437</b>	<b>3.8000e-004</b>		<b>0.1531</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Summer

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Rue Ferrari Project (Construction + Ops)  
Santa Clara County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	302.77	1000sqft	6.95	302,775.00	0
Parking Lot	351.09	1000sqft	8.06	351,086.00	0
City Park	2.60	Acre	2.60	0.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	4			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas and Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	203.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

- Project Characteristics -
- Land Use - Land use per 5/6/2021 site plan
- Construction Phase - anticipated construction schedule
- Demolition - 19,000 tons of concrete, 9,700 tons of asphalt
- Grading - 5,000 cy import
- Vehicle Trips - Estimated traffic data per TA Report
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Vehicle Emission Factors -
- Construction Off-road Equipment Mitigation - BAAQMD Dust Control Measures
- Waste Mitigation - AB939





## Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	98.00
tblConstructionPhase	NumDays	300.00	149.00
tblFleetMix	HHD	6.3620e-003	0.60
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.0410e-003	0.17
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	2.8380e-003	0.00
tblFleetMix	MHD	7.8170e-003	0.23
tblFleetMix	OBUS	9.1200e-004	0.00
tblFleetMix	SBUS	9.2700e-004	0.00
tblFleetMix	UBUS	3.8900e-004	0.00
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LandUseSquareFeet	302,770.00	302,775.00
tblLandUse	LandUseSquareFeet	351,090.00	351,086.00
tblLandUse	LandUseSquareFeet	113,256.00	0.00
tblVehicleTrips	CNW_TL	7.30	40.00
tblVehicleTrips	CNW_TTP	0.00	100.00
tblVehicleTrips	CNW_TTP	41.00	0.00
tblVehicleTrips	CW_TL	9.50	13.54
tblVehicleTrips	CW_TTP	59.00	100.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	0.00

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	0.00	0.32
tblVehicleTrips	ST_TR	1.74	6.74
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	0.00	0.32
tblVehicleTrips	SU_TR	1.74	6.74
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	0.00	0.32
tblVehicleTrips	WD_TR	1.74	6.74

**2.0 Emissions Summary**

**2.1 Overall Construction (Maximum Daily Emission)**

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	36.8194	50.7467	30.1409	0.1302	33.3129	1.6614	34.7777	10.1417	1.5295	11.6259	0.0000	13,696.1614	13,696.1614	1.9879	1.5637	14,196.9935
2023	34.0555	1.4074	3.0737	6.5500e-003	0.4518	0.0730	0.5248	0.1198	0.0728	0.1927	0.0000	648.0907	648.0907	0.0281	0.0108	652.0133
<b>Maximum</b>	<b>36.8194</b>	<b>50.7467</b>	<b>30.1409</b>	<b>0.1302</b>	<b>33.3129</b>	<b>1.6614</b>	<b>34.7777</b>	<b>10.1417</b>	<b>1.5295</b>	<b>11.6259</b>	<b>0.0000</b>	<b>13,696.1614</b>	<b>13,696.1614</b>	<b>1.9879</b>	<b>1.5637</b>	<b>14,196.9935</b>

Mitigated Construction

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	35.4991	27.0306	34.0985	0.1302	15.6138	0.2839	15.8977	4.3561	0.2742	4.4189	0.0000	13,696.1614	13,696.1614	1.9879	1.5637	14,196.9935
2023	33.8936	0.2332	3.0950	6.5500e-003	0.4283	6.1300e-003	0.4344	0.1141	5.9600e-003	0.1200	0.0000	648.0907	648.0907	0.0281	0.0108	652.0133
Maximum	35.4991	27.0306	34.0985	0.1302	15.6138	0.2839	15.8977	4.3561	0.2742	4.4189	0.0000	13,696.1614	13,696.1614	1.9879	1.5637	14,196.9935

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.09	47.72	-11.98	0.00	52.49	83.28	53.74	56.44	82.51	61.60	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**  
**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.5152	6.1000e-004	0.0670	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004		0.1437	0.1437	3.8000e-004		0.1531
Energy	0.0308	0.2798	0.2350	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.7119	335.7119	6.4300e-003	6.1500e-003	337.7068
Mobile	7.2603	32.2153	87.8365	0.3015	25.1839	0.3171	25.5009	6.7695	0.3000	7.0695		31,539.6441	31,539.6441	1.3246	2.6358	32,358.2233
Total	14.8062	32.4957	88.1386	0.3032	25.1839	0.3386	25.5224	6.7695	0.3215	7.0910		31,875.4997	31,875.4997	1.3314	2.6419	32,696.0832

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.5152	6.1000e-004	0.0670	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004		0.1437	0.1437	3.8000e-004		0.1531
Energy	0.0308	0.2798	0.2350	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.7119	335.7119	6.4300e-003	6.1500e-003	337.7068
Mobile	7.2603	32.2153	87.8365	0.3015	25.1839	0.3171	25.5009	6.7695	0.3000	7.0695		31,539.6441	31,539.6441	1.3246	2.6358	32,358.2233
<b>Total</b>	<b>14.8062</b>	<b>32.4957</b>	<b>88.1386</b>	<b>0.3032</b>	<b>25.1839</b>	<b>0.3386</b>	<b>25.5224</b>	<b>6.7695</b>	<b>0.3215</b>	<b>7.0910</b>		<b>31,875.4997</b>	<b>31,875.4997</b>	<b>1.3314</b>	<b>2.6419</b>	<b>32,696.0832</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/15/2022	3/14/2022	5	20	
2	Site Preparation	Site Preparation	3/15/2022	3/28/2022	5	10	
3	Grading	Grading	3/29/2022	5/9/2022	5	30	
4	Building Construction	Building Construction	6/7/2022	12/30/2022	5	149	
5	Paving	Paving	5/10/2022	6/6/2022	5	20	
6	Architectural Coating	Architectural Coating	10/1/2022	2/15/2023	5	98	

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Acres of Grading (Site Preparation Phase): 15**

**Acres of Grading (Grading Phase): 90**

**Acres of Paving: 8.06**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 454,163; Non-Residential Outdoor: 151,388; Striped Parking Area: 21,065**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	2,838.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	494.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	275.00	107.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	55.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

- Use Cleaner Engines for Construction Equipment
- Replace Ground Cover
- Water Exposed Area
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

**3.2 Demolition - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					30.7076	0.0000	30.7076	4.6494	0.0000	4.6494			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
<b>Total</b>	<b>2.6392</b>	<b>25.7194</b>	<b>20.5941</b>	<b>0.0388</b>	<b>30.7076</b>	<b>1.2427</b>	<b>31.9502</b>	<b>4.6494</b>	<b>1.1553</b>	<b>5.8047</b>		<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.0524</b>		<b>3,773.0920</b>

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6623	24.9952	5.2132	0.0903	2.4821	0.2216	2.7037	0.6804	0.2120	0.8924		9,846.8094	9,846.8094	0.3379	1.5605	10,320.2986
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0435	0.0321	0.3708	1.0100e-003	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		102.5709	102.5709	3.3800e-003	3.1800e-003	103.6028
<b>Total</b>	<b>0.7059</b>	<b>25.0273</b>	<b>5.5840</b>	<b>0.0914</b>	<b>2.6053</b>	<b>0.2222</b>	<b>2.8275</b>	<b>0.7130</b>	<b>0.2126</b>	<b>0.9256</b>		<b>9,949.3803</b>	<b>9,949.3803</b>	<b>0.3413</b>	<b>1.5637</b>	<b>10,423.9014</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.1275	0.0000	13.1275	1.9876	0.0000	1.9876			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
<b>Total</b>	<b>0.4623</b>	<b>2.0032</b>	<b>23.2798</b>	<b>0.0388</b>	<b>13.1275</b>	<b>0.0616</b>	<b>13.1891</b>	<b>1.9876</b>	<b>0.0616</b>	<b>2.0493</b>	<b>0.0000</b>	<b>3,746.7812</b>	<b>3,746.7812</b>	<b>1.0524</b>		<b>3,773.0920</b>



Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6623	24.9952	5.2132	0.0903	2.3695	0.2216	2.5911	0.6527	0.2120	0.8647		9,846.8094	9,846.8094	0.3379	1.5605	10,320.2986
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0435	0.0321	0.3708	1.0100e-003	0.1168	6.2000e-004	0.1174	0.0311	5.7000e-004	0.0317		102.5709	102.5709	3.3800e-003	3.1800e-003	103.6028
<b>Total</b>	<b>0.7059</b>	<b>25.0273</b>	<b>5.5840</b>	<b>0.0914</b>	<b>2.4863</b>	<b>0.2222</b>	<b>2.7085</b>	<b>0.6838</b>	<b>0.2126</b>	<b>0.8964</b>		<b>9,949.3803</b>	<b>9,949.3803</b>	<b>0.3413</b>	<b>1.5637</b>	<b>10,423.9014</b>

**3.3 Site Preparation - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>3.1701</b>	<b>33.0835</b>	<b>19.6978</b>	<b>0.0380</b>	<b>19.6570</b>	<b>1.6126</b>	<b>21.2696</b>	<b>10.1025</b>	<b>1.4836</b>	<b>11.5860</b>		<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

**Unmitigated Construction Off-Site**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0522	0.0386	0.4450	1.2100e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		123.0851	123.0851	4.0500e-003	3.8200e-003	124.3234
<b>Total</b>	<b>0.0522</b>	<b>0.0386</b>	<b>0.4450</b>	<b>1.2100e-003</b>	<b>0.1479</b>	<b>7.5000e-004</b>	<b>0.1486</b>	<b>0.0392</b>	<b>6.9000e-004</b>	<b>0.0399</b>		<b>123.0851</b>	<b>123.0851</b>	<b>4.0500e-003</b>	<b>3.8200e-003</b>	<b>124.3234</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.4034	0.0000	8.4034	4.3188	0.0000	4.3188			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
<b>Total</b>	<b>0.4656</b>	<b>2.0175</b>	<b>20.8690</b>	<b>0.0380</b>	<b>8.4034</b>	<b>0.0621</b>	<b>8.4655</b>	<b>4.3188</b>	<b>0.0621</b>	<b>4.3809</b>	<b>0.0000</b>	<b>3,686.0619</b>	<b>3,686.0619</b>	<b>1.1922</b>		<b>3,715.8655</b>

**Mitigated Construction Off-Site**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0522	0.0386	0.4450	1.2100e-003	0.1402	7.5000e-004	0.1409	0.0373	6.9000e-004	0.0380		123.0851	123.0851	4.0500e-003	3.8200e-003	124.3234
<b>Total</b>	<b>0.0522</b>	<b>0.0386</b>	<b>0.4450</b>	<b>1.2100e-003</b>	<b>0.1402</b>	<b>7.5000e-004</b>	<b>0.1409</b>	<b>0.0373</b>	<b>6.9000e-004</b>	<b>0.0380</b>		<b>123.0851</b>	<b>123.0851</b>	<b>4.0500e-003</b>	<b>3.8200e-003</b>	<b>124.3234</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.2036	0.0000	9.2036	3.6538	0.0000	3.6538			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>9.2036</b>	<b>1.6349</b>	<b>10.8385</b>	<b>3.6538</b>	<b>1.5041</b>	<b>5.1579</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

**Unmitigated Construction Off-Site**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0769	2.9006	0.6050	0.0105	0.2880	0.0257	0.3138	0.0790	0.0246	0.1036		1,142.6647	1,142.6647	0.0392	0.1811	1,197.6104
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0580	0.0428	0.4944	1.3400e-003	0.1643	8.3000e-004	0.1651	0.0436	7.6000e-004	0.0443		136.7612	136.7612	4.5000e-003	4.2400e-003	138.1371
<b>Total</b>	<b>0.1349</b>	<b>2.9434</b>	<b>1.0993</b>	<b>0.0118</b>	<b>0.4523</b>	<b>0.0265</b>	<b>0.4789</b>	<b>0.1225</b>	<b>0.0254</b>	<b>0.1479</b>		<b>1,279.4260</b>	<b>1,279.4260</b>	<b>0.0437</b>	<b>0.1853</b>	<b>1,335.7475</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9345	0.0000	3.9345	1.5620	0.0000	1.5620			0.0000			0.0000
Off-Road	0.7616	3.3000	32.9991	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>0.7616</b>	<b>3.3000</b>	<b>32.9991</b>	<b>0.0621</b>	<b>3.9345</b>	<b>0.1015</b>	<b>4.0361</b>	<b>1.5620</b>	<b>0.1015</b>	<b>1.6635</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

**Mitigated Construction Off-Site**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0769	2.9006	0.6050	0.0105	0.2750	0.0257	0.3007	0.0758	0.0246	0.1004		1,142.6647	1,142.6647	0.0392	0.1811	1,197.6104
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0580	0.0428	0.4944	1.3400e-003	0.1557	8.3000e-004	0.1566	0.0415	7.6000e-004	0.0422		136.7612	136.7612	4.5000e-003	4.2400e-003	138.1371
<b>Total</b>	<b>0.1349</b>	<b>2.9434</b>	<b>1.0993</b>	<b>0.0118</b>	<b>0.4307</b>	<b>0.0265</b>	<b>0.4572</b>	<b>0.1172</b>	<b>0.0254</b>	<b>0.1426</b>		<b>1,279.4260</b>	<b>1,279.4260</b>	<b>0.0437</b>	<b>0.1853</b>	<b>1,335.7475</b>

**3.5 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

**Unmitigated Construction Off-Site**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2363	6.1409	1.7975	0.0228	0.7247	0.0634	0.7881	0.2086	0.0606	0.2692		2,446.9602	2,446.9602	0.0551	0.3612	2,555.9811
Worker	0.7981	0.5889	6.7978	0.0185	2.2591	0.0114	2.2705	0.5992	0.0105	0.6097		1,880.4666	1,880.4666	0.0619	0.0583	1,899.3847
<b>Total</b>	<b>1.0344</b>	<b>6.7298</b>	<b>8.5953</b>	<b>0.0413</b>	<b>2.9838</b>	<b>0.0748</b>	<b>3.0585</b>	<b>0.8078</b>	<b>0.0711</b>	<b>0.8789</b>		<b>4,327.4268</b>	<b>4,327.4268</b>	<b>0.1170</b>	<b>0.4195</b>	<b>4,455.3658</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5608	2.6936	17.6592	0.0269		0.1018	0.1018		0.1018	0.1018	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>0.5608</b>	<b>2.6936</b>	<b>17.6592</b>	<b>0.0269</b>		<b>0.1018</b>	<b>0.1018</b>		<b>0.1018</b>	<b>0.1018</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2363	6.1409	1.7975	0.0228	0.6937	0.0634	0.7571	0.2010	0.0606	0.2616		2,446.9602	2,446.9602	0.0551	0.3612	2,555.9811
Worker	0.7981	0.5889	6.7978	0.0185	2.1413	0.0114	2.1527	0.5703	0.0105	0.5808		1,880.4666	1,880.4666	0.0619	0.0583	1,899.3847
<b>Total</b>	<b>1.0344</b>	<b>6.7298</b>	<b>8.5953</b>	<b>0.0413</b>	<b>2.8350</b>	<b>0.0748</b>	<b>2.9097</b>	<b>0.7713</b>	<b>0.0711</b>	<b>0.8424</b>		<b>4,327.4268</b>	<b>4,327.4268</b>	<b>0.1170</b>	<b>0.4195</b>	<b>4,455.3658</b>

**3.6 Paving - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	1.0559					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>2.1587</b>	<b>11.1249</b>	<b>14.5805</b>	<b>0.0228</b>		<b>0.5679</b>	<b>0.5679</b>		<b>0.5225</b>	<b>0.5225</b>		<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0435	0.0321	0.3708	1.0100e-003	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		102.5709	102.5709	3.3800e-003	3.1800e-003	103.6028
<b>Total</b>	<b>0.0435</b>	<b>0.0321</b>	<b>0.3708</b>	<b>1.0100e-003</b>	<b>0.1232</b>	<b>6.2000e-004</b>	<b>0.1238</b>	<b>0.0327</b>	<b>5.7000e-004</b>	<b>0.0333</b>		<b>102.5709</b>	<b>102.5709</b>	<b>3.3800e-003</b>	<b>3.1800e-003</b>	<b>103.6028</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2805	1.2154	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	1.0559					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3363</b>	<b>1.2154</b>	<b>17.2957</b>	<b>0.0228</b>		<b>0.0374</b>	<b>0.0374</b>		<b>0.0374</b>	<b>0.0374</b>	<b>0.0000</b>	<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000



Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Worker	0.0435	0.0321	0.3708	1.0100e-003	0.1168	6.2000e-004	0.1174	0.0311	5.7000e-004	0.0317		102.5709	102.5709	3.3800e-003	3.1800e-003	103.6028
<b>Total</b>	<b>0.0435</b>	<b>0.0321</b>	<b>0.3708</b>	<b>1.0100e-003</b>	<b>0.1168</b>	<b>6.2000e-004</b>	<b>0.1174</b>	<b>0.0311</b>	<b>5.7000e-004</b>	<b>0.0317</b>		<b>102.5709</b>	<b>102.5709</b>	<b>3.3800e-003</b>	<b>3.1800e-003</b>	<b>103.6028</b>

**3.7 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.7145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>33.9191</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1596	0.1178	1.3596	3.7000e-003	0.4518	2.2800e-003	0.4541	0.1198	2.1000e-003	0.1219		376.0933	376.0933	0.0124	0.0117	379.8769

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

<b>Total</b>	<b>0.1596</b>	<b>0.1178</b>	<b>1.3596</b>	<b>3.7000e-003</b>	<b>0.4518</b>	<b>2.2800e-003</b>	<b>0.4541</b>	<b>0.1198</b>	<b>2.1000e-003</b>	<b>0.1219</b>		<b>376.0933</b>	<b>376.0933</b>	<b>0.0124</b>	<b>0.0117</b>	<b>379.8769</b>
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**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.7145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>33.7443</b>	<b>0.1288</b>	<b>1.8324</b>	<b>2.9700e-003</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1596	0.1178	1.3596	3.7000e-003	0.4283	2.2800e-003	0.4305	0.1141	2.1000e-003	0.1162		376.0933	376.0933	0.0124	0.0117	379.8769
<b>Total</b>	<b>0.1596</b>	<b>0.1178</b>	<b>1.3596</b>	<b>3.7000e-003</b>	<b>0.4283</b>	<b>2.2800e-003</b>	<b>0.4305</b>	<b>0.1141</b>	<b>2.1000e-003</b>	<b>0.1162</b>		<b>376.0933</b>	<b>376.0933</b>	<b>0.0124</b>	<b>0.0117</b>	<b>379.8769</b>

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.7 Architectural Coating - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.7145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>33.9062</b>	<b>1.3030</b>	<b>1.8111</b>	<b>2.9700e-003</b>		<b>0.0708</b>	<b>0.0708</b>		<b>0.0708</b>	<b>0.0708</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1493	0.1045	1.2626	3.5800e-003	0.4518	2.1700e-003	0.4540	0.1198	1.9900e-003	0.1218		366.6427	366.6427	0.0112	0.0108	370.1443
<b>Total</b>	<b>0.1493</b>	<b>0.1045</b>	<b>1.2626</b>	<b>3.5800e-003</b>	<b>0.4518</b>	<b>2.1700e-003</b>	<b>0.4540</b>	<b>0.1198</b>	<b>1.9900e-003</b>	<b>0.1218</b>		<b>366.6427</b>	<b>366.6427</b>	<b>0.0112</b>	<b>0.0108</b>	<b>370.1443</b>

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.7145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690
<b>Total</b>	<b>33.7443</b>	<b>0.1288</b>	<b>1.8324</b>	<b>2.9700e-003</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>		<b>3.9600e-003</b>	<b>3.9600e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0168</b>		<b>281.8690</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1493	0.1045	1.2626	3.5800e-003	0.4283	2.1700e-003	0.4304	0.1141	1.9900e-003	0.1161		366.6427	366.6427	0.0112	0.0108	370.1443
<b>Total</b>	<b>0.1493</b>	<b>0.1045</b>	<b>1.2626</b>	<b>3.5800e-003</b>	<b>0.4283</b>	<b>2.1700e-003</b>	<b>0.4304</b>	<b>0.1141</b>	<b>1.9900e-003</b>	<b>0.1161</b>		<b>366.6427</b>	<b>366.6427</b>	<b>0.0112</b>	<b>0.0108</b>	<b>370.1443</b>

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.2603	32.2153	87.8365	0.3015	25.1839	0.3171	25.5009	6.7695	0.3000	7.0695			31,539.6441	1.3246	2.6358	32,358.223
Unmitigated	7.2603	32.2153	87.8365	0.3015	25.1839	0.3171	25.5009	6.7695	0.3000	7.0695			31,539.6441	1.3246	2.6358	32,358.223

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Parking Lot	112.35	112.35	112.35	1,635,799	1,635,799
Unrefrigerated Warehouse-No Rail	2,040.67	2,040.67	2,040.67	10,057,564	10,057,564
Total	2,153.02	2,153.02	2,153.02	11,693,362	11,693,362

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	0	0	0
Parking Lot	9.50	7.30	40.00	0.00	0.00	100.00	100	0	0
Unrefrigerated Warehouse-No Rail	13.54	7.30	7.30	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.571175	0.055403	0.188166	0.116095	0.020429	0.005041	0.007817	0.006362	0.000912	0.000389	0.024445	0.000927	0.00283

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Parking Lot	0.000000	0.000000	0.000000	0.000000	0.000000	0.170000	0.230000	0.600000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Rail	0.571175	0.055403	0.188166	0.116095	0.020429	0.005041	0.007817	0.006362	0.000912	0.000389	0.024445	0.000927	0.00283	

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0308	0.2798	0.2350	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.7119	335.7119	6.4300e-003	6.1500e-003	337.7068
NaturalGas Unmitigated	0.0308	0.2798	0.2350	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.7119	335.7119	6.4300e-003	6.1500e-003	337.7068

**5.2 Energy by Land Use - NaturalGas**

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Unrefrigerated Warehouse-No	2853.55	0.0308	0.2798	0.2350	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.7119	335.7119	6.4300e-003	6.1500e-003	337.7068
<b>Total</b>		<b>0.0308</b>	<b>0.2798</b>	<b>0.2350</b>	<b>1.6800e-003</b>		<b>0.0213</b>	<b>0.0213</b>		<b>0.0213</b>	<b>0.0213</b>		<b>335.7119</b>	<b>335.7119</b>	<b>6.4300e-003</b>	<b>6.1500e-003</b>	<b>337.7068</b>

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No	2.85355	0.0308	0.2798	0.2350	1.6800e-003		0.0213	0.0213		0.0213	0.0213		335.7119	335.7119	6.4300e-003	6.1500e-003	337.7068
<b>Total</b>		<b>0.0308</b>	<b>0.2798</b>	<b>0.2350</b>	<b>1.6800e-003</b>		<b>0.0213</b>	<b>0.0213</b>		<b>0.0213</b>	<b>0.0213</b>		<b>335.7119</b>	<b>335.7119</b>	<b>6.4300e-003</b>	<b>6.1500e-003</b>	<b>337.7068</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Category	lb/day								lb/day			
Mitigated	7.5152	6.1000e-004	0.0670	1.0000e-005	2.4000e-004	2.4000e-004	2.4000e-004	2.4000e-004	0.1437	0.1437	3.8000e-004	0.1531
Unmitigated	7.5152	6.1000e-004	0.0670	1.0000e-005	2.4000e-004	2.4000e-004	2.4000e-004	2.4000e-004	0.1437	0.1437	3.8000e-004	0.1531

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9052					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.6037					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.2100e-003	6.1000e-004	0.0670	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004			0.1437	0.1437	3.8000e-004	0.1531
<b>Total</b>	<b>7.5152</b>	<b>6.1000e-004</b>	<b>0.0670</b>	<b>1.0000e-005</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>			<b>0.1437</b>	<b>0.1437</b>	<b>3.8000e-004</b>	<b>0.1531</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9052					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000



Rue Ferrari Project (Construction + Ops) - Santa Clara County, Winter

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Consumer Products	6.6037					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Landscaping	6.2100e-003	6.1000e-004	0.0670	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004		0.1437	0.1437	3.8000e-004	0.1531
<b>Total</b>	<b>7.5152</b>	<b>6.1000e-004</b>	<b>0.0670</b>	<b>1.0000e-005</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>		<b>2.4000e-004</b>	<b>2.4000e-004</b>		<b>0.1437</b>	<b>0.1437</b>	<b>3.8000e-004</b>	<b>0.1531</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	------------	-------------	-------------	-----------

**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

**User Defined Equipment**

Equipment Type	Number
----------------	--------

**11.0 Vegetation**

Health Risk Assessment  
5853 Rue Ferrari Project  
City of San José, California

Prepared by:

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**APPENDIX**

Appendix A: Modeling Data

## LIST OF ABBREVIATED TERMS

A	absorption factor from inhalation
ACES	Advanced Collaborative Emissions Study
ASF	age sensitivity factor
AB	Assembly Bill
APN	Assessor's Parcel Number
APS	auxiliary power system
AT	averaging time
ATCM	Air Toxic Control Measure
BAAQMD	Bay Area Air Quality Management District
CARB	California Air Resources Board
CCAA	California Clean Air Act
CEQA	California Environmental Quality Act
CPF	cancer potency factor
$C_{air}$	air concentration from model
$C_i$	air concentration of substance
DBR	daily breathing rate
DOORS	Diesel Off-Road Reporting System
DPM	Diesel Particulate Matter
DRRP	Diesel Risk Reduction Plan
Dose-air	dose through inhalation
EMFAC	Emissions Factor Model
ED	exposure duration
EF	exposure frequency
°F	Fahrenheit
FCAA	Federal Clean Air Act
FAH	fraction of time spent at home
GVWR	gross vehicle weight rating
HAP	hazardous air pollutant
HQ	health quotient
HRA	health risk assessment
kg	kilograms
L	liter
MICR	Maximum Individual Cancer Risk
mg	milligrams
$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
MSAT	Mobile Source Air Toxic
NAAQS	National Ambient Air Quality Standards
NED	National Elevation Dataset
NESHAP	National Emissions Standards for Hazardous Air Pollutants
$\text{NO}_2$	nitrogen dioxide
$\text{NO}_x$	nitrogen oxides
$\text{O}_3$	ozone
OEHHA	Office Environmental Health Hazard Assessment
PM	particulate matter
$\text{PM}_{10}$	particulate matter less than 10 microns in diameter
$\text{PM}_{2.5}$	particulate matter less than 2.5 microns in diameter
PERP	Portable Equipment Registration Program
REL	Reference Exposure Level
$\text{REL}_i$	Reference Exposure Level of substance
$\text{Risk}_{inh-res}$	residential inhalation cancer risk
SB	Senate Bill
T-BACT	toxics best available control technology
TAC	Toxic Air Contaminant
U.S. EPA	United States Environmental Protection Agency
VMT	vehicle miles traveled

# 1 INTRODUCTION

The purpose of this Health Risk Assessment (HRA) is to evaluate potential health risks associated with Toxic Air Contaminants (TAC) including Diesel Particulate Matter (DPM) resulting from the implementation of the proposed 5853 Rue Ferrari Project (proposed Project) in the City of San José. This HRA was prepared in accordance with the requirements of the Bay Area Air Quality Management District (BAAQMD) and guidance from the Office of Environmental Health Hazard Assessment (OEHHA) to determine if health risks are likely to occur from the Project. Technical data is included as see [Appendix A: Modeling Data](#).

## 1.1 Project Location

The proposed project is located on 5853 Rue Ferrari (APN: 678-05-057) in the City of San José. [Figure 1: Regional Vicinity](#) and [Figure 2: Site Vicinity](#), depict the project site in a regional and local context. The project site is located in an urban area with a mix of surrounding uses including commercial, office, and industrial uses. The proposed project's existing land use designation is Combined Industrial/Commercial (CIC) and existing zoning designation is Industrial Park (IP).

Currently, the project site is developed with two industrial use buildings totaling 286,330 square feet. The existing buildings are located in the center of the parcel and include loading docks along the eastern and western elevations. Surface parking is available throughout the site, with automobile parking along all sides of the existing buildings. The project site has existing landscaping along all site boundaries. There are 345 existing trees throughout the project site. The project site also has existing light fixtures.

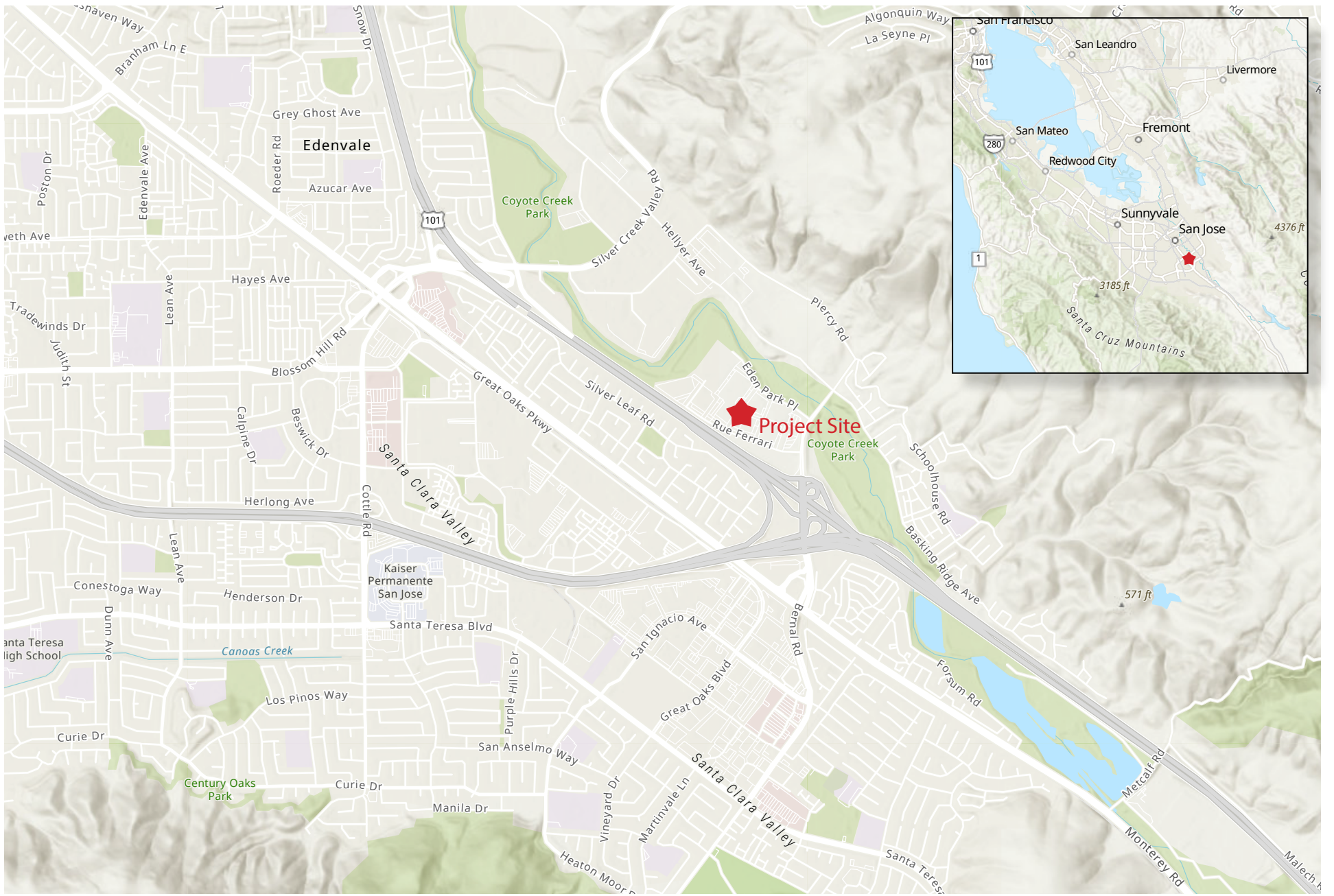
## 1.2 Project Description

The project site is located at 5853 Rue Ferrari in the City of San José, California on an approximate 17.38-acre parcel. The proposed 5853 Rue Ferrari project (proposed project or project) would demolish the two existing warehouse buildings and construct one industrial warehouse building with a loading dock area on the west side of the warehouse building. Construction of the project is expected to commence in February 2022 and last for approximately 1 year. The proposed development would contain approximately 292,772 square feet of warehouse space and 10,000 square feet of office space, see [Figure 3: Site Plan](#).

trucks on the west side of the warehouse building. The proposed project also includes surface parking with 110 trailer truck stalls and 301 automobile stalls on site. Automobile parking would be located north, east, and south of the warehouse building while the trailer truck parking would be located west of the warehouse building. Additionally, 10 motorcycle parking spaces and 60 bicycle parking spaces would be located around the office space. The primary pedestrian entrance to the building would be provided from Rue Ferrari. Access to the project site would be provided by four driveways, two off Rue Ferrari and two off Eden Park Place.

The project site has mature landscape vegetation including trees and shrubs along the site boundary and throughout the surface parking lot. The proposed project would include additional landscaping throughout the site would include a mix of trees, grasses, shrubs and groundcover.

The project site is designated as Combined Industrial/Commercial (CIC) by the General Plan, which allows for warehousing uses. The project site is zoned as Industrial Park (IP). The IP Zoning District allows for a warehouse/distribution facility.



Source: USGS, 2021

**Figure 1: Regional Map**

5853 Rue Ferrari Project



Not to scale





Source: Nearmap, 2021

## Figure 2: Project Vicinity Map

5853 Rue Ferrari Project



Not to scale

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## 2 ENVIRONMENTAL SETTING

### 2.1 Climate

The project is within the San Francisco Bay Area Air Basin (SFBAAB), which comprises all of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, and Santa Clara counties, the southern portion of Sonoma, and the southwestern portion of Solano County. SFBAAB is characterized by complex terrain, consisting of coastal mountain ranges, inland valleys, and bays, which distort normal wind flow patterns. The Coast Range splits resulting in a western coast gap, Golden Gate, and an eastern coast gap, Carquinez Strait, which allow air to flow in and out of the SFBAAB and the Central Valley.

The climate is dominated by the strength and location of a semi-permanent, subtropical high-pressure cell. During the summer, the Pacific high-pressure cell is centered over the northeastern Pacific Ocean resulting in stable meteorological conditions and a steady northwesterly wind flow. Upwelling of cold ocean water from below to the surface because of the northwesterly flow produces a band of cold water off the California coast. The cool and moisture-laden air approaching the coast from the Pacific Ocean is further cooled by the presence of the cold-water band resulting in condensation and the presence of fog and stratus clouds along the Northern California coast.

In the winter, the Pacific high-pressure cell weakens and shifts southward resulting in wind flow offshore, the absence of upwelling, and the occurrence of storms. Weak inversions coupled with moderate winds result in a low air pollution potential.

### 2.2 Toxic Air Contaminants

Toxic Air Contaminants (TACs) are airborne substances capable of causing short-term (acute) and long-term (chronic or carcinogenic, i.e., cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. They may be emitted from a variety of common sources including gasoline stations, automobiles, dry cleaners, industrial operations, and painting operations. The current California list of TACs includes approximately 200 compounds, including particulate emissions from diesel-fueled engines.

Hazardous Air Pollutants (HAP) is a term used by the Federal Clean Air Act (FCAA) that includes a variety of pollutants generated or emitted by industrial production activities. Identified as TACs under the California Clean Air Act (CCAA), have been singled out through ambient air quality data as being the most substantial health risk in California. Direct exposure to these pollutants has been shown to cause cancer, birth defects, damage to the brain and nervous system, and respiratory disorders. The California Air Resources Board (CARB) provides emission inventories for only the larger air basins.

Industrial facilities and mobile sources are significant sources of TACs. The electronics industry, including semiconductor manufacturing, has the potential to contaminate both air and water due to the highly toxic chlorinated solvents commonly used in semiconductor production processes. In addition to industrial sources, various common urban facilities also produce TAC emissions, such as gasoline stations (benzene), hospitals (ethylene oxide), and dry cleaners (perchloroethylene). Automobile exhaust also contains TACs such as benzene and 1,3-butadiene. Diesel particulate matter (DPM) was identified as a TAC by CARB in 1998. DPM differs from other TACs in that it is not a single substance but rather a complex mixture of

hundreds of substances. BAAQMD research indicates that mobile-source emissions of DPM, benzene, and 1,3-butadiene represent a substantial portion of the ambient background risk from TACs in the SFBAAB.

TACs do not have ambient air quality standards because no safe levels of TACs can be determined. Instead, TAC impacts are evaluated by calculating the health risks associated with a given exposure. The requirements of the Air Toxic “Hot Spots” Information and Assessment Act (Assembly Bill [AB] 2588) apply to facilities that use, produce, or emit toxic chemicals. Facilities subject to the toxic emission inventory requirements of the act must prepare and submit toxic emission inventory plans and reports, and periodically update those reports.

Toxic contaminants often result from fugitive emissions during fuel storage and transfer activities, and from leaking valves and pipes. For example, the electronics industry, including semiconductor manufacturing, uses highly toxic chlorinated solvents in semiconductor production processes. Sources of air toxics go beyond industry, however. Automobile exhaust also contains toxic air pollutants such as benzene and 1,3-butadiene.

In California, on-road diesel-fueled engines contribute approximately 24 percent of the statewide total DPM emissions, with an additional 71 percent attributed to other mobile sources such as construction and mining equipment, agricultural equipment, and transport refrigeration units. Stationary sources contribute about 5 percent of total DPM. CARB has developed several plans and programs to reduce diesel emissions such as the Diesel Risk Reduction Plan (DRRP), the Statewide Portable Equipment Registration Program (PERP), and the Diesel Off-Road Reporting System (DOORS). The PERP and DOORS programs allow owners or operators of portable engines and certain other types of equipment to register their units to operate their equipment throughout California without having to obtain individual permits from local air districts.

As stated above, diesel exhaust and many individual substances contained in it (including arsenic, benzene, formaldehyde, and nickel) have the potential to contribute to mutations in cells that can lead to cancer. Long-term exposure to diesel exhaust particles poses the highest cancer risk of any TAC evaluated by OEHHA. CARB estimates that about 70 percent of the cancer risk that the average Californian faces from breathing toxic air pollutants stems from diesel exhaust particles.

Exposure to diesel exhaust can have immediate health effects. Diesel exhaust can irritate the eyes, nose, throat, and lungs, and it can cause coughs, headaches, lightheadedness, and nausea. In studies with human volunteers, diesel exhaust particles made people with allergies more susceptible to the materials to which they are allergic, such as dust and pollen. Exposure to diesel exhaust also causes inflammation in the lungs, which may aggravate chronic respiratory symptoms and increase the frequency or intensity of asthma attacks.

Diesel engines are a major source of fine particulate pollution. The elderly and people with emphysema, asthma, and chronic heart and lung disease are especially sensitive to fine-particle pollution. Numerous studies have linked elevated particle levels in the air to increased hospital admissions, emergency room visits, asthma attacks, and premature deaths among those suffering from respiratory problems. Because children’s lungs and respiratory systems are still developing, they are also more susceptible than healthy adults to fine particles. Exposure to fine particles is associated with increased frequency of childhood

illnesses and can also reduce lung function in children. California has identified diesel exhaust particles as a carcinogen.

### 2.3 Sensitive Receptors

Sensitive populations are more susceptible to the effects of air pollution than the general population. Sensitive receptors in proximity to localized sources of toxics are of particular concern. Land uses considered sensitive receptors include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes.

The Project site is located in an industrial area in City of San José. The surrounding land uses are predominantly commercial and industrial, with some housing to the east and west. The southeastern boundary of the site is Rue Ferrari. [Table 1: Sensitive Receptors](#) and [Figure 4: Sensitive Receptors](#), lists the distances and locations of nearby sensitive receptors.

**Table 1: Sensitive Receptors**

Receptor Description	Distance and Direction from the Project Site
1. Carrington College	45 feet east
2. Gateway City Church and Daycare	45 feet east
3. Coyote Creek Trail	100 feet northeast
4. San Jose Emergency Interim Housing	300 feet southeast
5. Single family homes	400 feet southwest
6. Starlight High School	420 feet east





Source: Nearmap, 2021

**Figure 4: Sensitive Receptors**

5853 Rue Ferrari Project



Not to scale



## 3 REGULATORY SETTING

### 3.1 Federal

#### Federal Clean Air Act

The FCAA was amended in 1990 to address the numerous air pollutants that are known to cause or may reasonably be anticipated to cause adverse effects to human health or adverse environmental effects. 188 specific pollutants and chemical groups were initially identified as HAPs, and the list has been modified over time. The FCAA Amendments included new regulatory programs to control acid deposition and for the issuance of stationary source operating permits.

In 2001, the United States Environmental Protection Agency (U.S. EPA) issued its first Mobile Source Air Toxics Rule, which identified 21 mobile source air toxic (MSAT) compounds as being HAPs that required regulation. A subset of six of these MSAT compounds were identified as having the greatest influence on health: benzene, 1,3-butadiene, formaldehyde, acrolein, acetaldehyde, and DPM. More recently, the U.S. EPA issued a second MSAT Rule in February 2007, which generally supported the findings in the first rule and provided additional recommendations of compounds having the greatest impact on health. The rule also identified several engine emission certification standards that must be implemented. Unlike the criteria pollutants, toxics do not have National Ambient Air Quality Standards (NAAQS) making evaluation of their impacts less uniform.

National Emissions Standards for Hazardous Air Pollutants (NESHAPs) were incorporated into a greatly expanded program for controlling toxic air pollutants. The provisions for attainment and maintenance of the NAAQS were substantially modified and expanded. Other revisions included provisions regarding stratospheric ozone protection, increased enforcement authority, and expanded research programs.

Section 112 of the FCAA Amendments governs the federal control program for HAPs. NESHAPs are issued to limit the release of specified HAPs from specific industrial sectors. These standards are technology-based, meaning that they represent the best available control technology an industrial sector could afford. The level of emissions controls required by NESHAPs are not based on health risk considerations because allowable releases and resulting concentrations have not been determined to be safe for the public. The FCAA does not establish air quality standards for HAPs that define legally acceptable concentrations of these pollutants in ambient air.

#### Federal Emissions Standards for On-Road Trucks

To reduce emissions from on-road, heavy-duty diesel trucks, the U.S. EPA established a series of increasingly strict emission standards for new engines, starting in 1988. The U.S. EPA promulgated the final and cleanest standards with the 2007 Heavy-Duty Highway Rule.<sup>1</sup> The PM emission standard of 0.01 gram per horsepower-hour (g/hp-hr) is required for new vehicles beginning with model year 2007. Also, the NO<sub>x</sub> and nonmethane hydrocarbon (NMHC) standards of 0.20 g/hp-hr and 0.14 g/hp-hr, respectively,

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<sup>1</sup> United States Environmental Protection Agency (U.S. EPA), *Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements*, Final Rule. 40 Code of Federal Regulations, Parts 69, 80, and 86. January 18, 2001.

were phased in together between 2007 and 2010 on a percent of sales basis: 50 percent from 2007 to 2009 and 100 percent in 2010.

## Emission Standards for Nonroad Diesel Engines

To reduce emissions from off-road diesel equipment, the U.S. EPA established a series of cleaner emission standards for new off-road diesel engines. Tier 1 standards were phased in from 1996 to 2000 (year of manufacture), depending on the engine horsepower category. Tier 2 standards were phased in from 2001 to 2006. Tier 3 standards were phased in from 2006 to 2008. Tier 4 standards, which generally require add-on emission control equipment to attain them, are being phased in from 2008 to 2015.

## 3.2 State of California

### California Air Resources Board

CARB's statewide comprehensive air toxics program was established in 1983 with AB 1807 the Toxic Air Contaminant Identification and Control Act (Tanner Air Toxics Act of 1983). AB 1807 created California's program to reduce exposure to air toxics and sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an airborne toxics control measure (ATCM) for sources that emit designated TACs. If there is a safe threshold for a substance at which there is no toxic effect, the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology (T-BACT) to minimize emissions.

CARB also administers the State's mobile source emissions control program and oversees air quality programs established by State statute, such as AB 2588. Under AB 2588, TAC emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a health risk assessment and, if specific thresholds are exceeded, required to communicate the results to the public in the form of notices and public meetings. In September 1992, the AB 2588 was amended by Senate Bill (SB) 1731 which required facilities that pose a significant health risk to the community to reduce their risk through a risk management plan.

### Diesel Risk Reduction Plan

The identification of DPM as a TAC in 1998 led CARB to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles (DRRP) in October 2000. The DRRP's goals include an 85 percent reduction in DPM by 2020 from the 2000 baseline<sup>2</sup>. CARB estimates that emissions of DPM in 2035 will be less than half those in 2010, further reducing statewide cancer risk and non-cancer health effects.<sup>3</sup> The DRRP includes regulations to establish cleaner new diesel engines, cleaner in-use diesel engines (retrofits), and cleaner diesel fuel.

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<sup>2</sup> California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000.

<sup>3</sup> California Air Resources Board, *Overview: Diesel Exhaust & Health*, available at: <https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health>, accessed on November 5, 2019.

## Truck and Bus Regulation Reducing Emissions from Existing Diesel Vehicles

On December 12, 2008, CARB approved the Truck and Bus Regulation to significantly reduce PM and NO<sub>x</sub> emissions from existing diesel vehicles operating in California. The regulation requires PM retrofits on all diesel trucks and buses that operate in California (i.e., existing vehicles are required to be upgraded to reduce emissions). Heavier trucks must be retrofitted with PM filters beginning January 1, 2012, and older trucks must be replaced starting January 1, 2015. By January 1, 2023, nearly all trucks and buses would need to have 2010 model year engines or equivalent.

The regulation applies to most privately-owned and federally-owned diesel fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds. Small fleets with three or fewer diesel trucks can delay compliance for heavier trucks and there are several extensions for low-mileage construction trucks, early PM filter retrofits, adding cleaner vehicles, and other situations. Privately and publicly owned school buses have different requirements.

## Heavy-Duty Vehicle Idling Emission Reduction Program

The purpose of the CARB ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling is to reduce public exposure to diesel particulate matter and criteria pollutants by limiting the idling of diesel-fueled commercial vehicles. The driver of any vehicle subject to this ATCM is prohibited from idling the vehicle's primary diesel engine for greater than five minutes at any location and is prohibited from idling a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools).

CARB Final Regulation Order, Requirements to Reduce Idling Emissions from New and In-Use Trucks, beginning in 2008, would require that new 2008 and subsequent model-year heavy-duty diesel engines be equipped with an engine shutdown system that automatically shuts down the engine after 300 seconds of continuous idling operation once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged.

## CalEnviroScreen

OEHHA has developed CalEnviroScreen 3.0, which is a mapping tool that helps identify California communities that are most affected by many sources of pollution, and where people are often especially vulnerable to pollution's effects. CalEnviroScreen uses environmental, health, and socioeconomic information to produce scores for every census tract in the State. The scores are mapped so that different communities can be compared. An area with a high score is one that experiences a much higher pollution burden than areas with low scores.

According to CalEnviroScreen, the Project site is located within Census Tract 6085512001, which is within the 15-20 percentile. It should be noted that the CalEnviroScreen scores are not an expression of health risk, and do not provide quantitative information on increases in cumulative impacts for specific sites or projects. Further, as a comparative screening tool, the results do not provide a basis for determining when differences between scores are significant in relation to public health or the environment.

### **CARB Advanced Clean Truck Regulation**

CARB adopted the Advanced Clean Truck Regulation in June 2020 requiring truck manufacturers to transition from diesel trucks and vans to electric zero-emission trucks beginning in 2024. By 2045, every new truck sold in California is required to be zero-emission. This rule directly addresses disproportionate risks and health and pollution burdens and puts California on the path for an all zero-emission short-haul drayage fleet in ports and railyards by 2035, and zero-emission “last-mile” delivery trucks and vans by 2040. The Advanced Clean Truck Regulation accelerates the transition of zero-emission medium-and heavy-duty vehicles from Class 2b to Class 8. The regulation has two components including a manufacturer sales requirement, and a reporting requirement:

- **Zero-Emission Truck Sales:** Manufacturers who certify Class 2b through 8 chassis or complete vehicles with combustion engines are required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales need to be 55 percent of Class 2b – 3 truck sales, 75 percent of Class 4 – 8 straight truck sales, and 40 percent of truck tractor sales.
- **Company and Fleet Reporting:** Large employers including retailers, manufacturers, brokers and others would be required to report information about shipments and shuttle services. Fleet owners, with 50 or more trucks, would be required to report about their existing fleet operations. This information would help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

### **3.3 Regional**

#### **Bay Area Air Quality Management District**

The BAAQMD is the regional agency tasked with managing air quality in the region and has regulated TACs since the 1980s. The CCAA provides the BAAQMD with the authority to manage transportation activities at indirect sources and regulate stationary source emissions. Indirect sources of pollution are generated when minor sources collectively emit a substantial amount of pollution. An example of this would be the motor vehicles at an intersection, a mall, and on highways. As a State agency, CARB regulates motor vehicles and fuels for their emissions. The BAAQMD has published California Environmental Quality Act (CEQA) Air Quality Guidelines that are used in this assessment to evaluate air quality impacts of projects.

Under BAAQMD Regulation 2-1 (General Permit Requirements), Regulation 2-2 (New Source Review), and Regulation 2-5 (New Source Review), all nonexempt sources that possess the potential to emit TACs are required to obtain permits from BAAQMD. Permits may be granted to these operations if they are constructed and operated in accordance with applicable regulations, including new source review standards and air toxics control measures. The BAAQMD limits emissions and public exposure to TACs through a number of programs. Section 301 of Regulation 2, Rule 2 requires Best Available Control Technology (BACT) is triggered for any new or modified source with the potential to emit specific levels of pollutants. The BAAQMD prioritizes TAC-emitting stationary sources for regulation based on the quantity and toxicity of the TAC emissions and the proximity of the facilities to sensitive receptors.



## Community Air Risk Evaluation Program

The BAAQMD's Community Air Risk Evaluation (CARE) program estimates and reports both local and regional impacts of TACs in the Bay Area. The objective of the CARE Program is to reduce health impacts linked to local air quality. The goals of the CARE Program are to: (1) identify areas where air pollution contributes most to health impacts and where populations are most vulnerable to air pollution; (2) apply sound scientific methods and strategies to reduce health impacts in these areas; and (3) engage community groups and other agencies to develop additional actions to reduce local health impacts. Information from the CARE program is used by the BAAQMD to design and focus effective mitigation measures in areas with highest impacts.

## 4 SIGNIFICANCE CRITERIA AND METHODOLOGY

### 4.1 Health Risk Analysis Thresholds

Project health risks are determined by examining the types and levels of air toxics generated and the associated impacts on factors that affect air quality. The BAAQMD publishes the California Environmental Quality Act (CEQA) Air Quality Guidelines, which were most recently updated in May 2017. The BAAQMD thresholds for air toxic emissions that are used for this project are shown below:

Individual Projects:

- **Excess Cancer Risk:** Emit contaminants that exceed the maximum individual cancer risk of 10 in one million.
- **Non-Cancer Risk:** Emit contaminants that exceed the maximum hazard quotient of 1.0 in one million.
- **Ambient PM<sub>2.5</sub> Concentration:** Incremental increase in average annual PM<sub>2.5</sub> concentration of greater than 0.3 µg/m<sup>3</sup>

Cumulative Thresholds:

- **Excess Cancer Risk:** Emit contaminants that would contribute to cumulative emissions, resulting in an exceedance of the maximum individual cancer risk of 100 in one million.
- **Non-Cancer Risk:** Emit contaminants that that would contribute to cumulative emissions, resulting in an exceedance of the maximum hazard quotient of 10.0 in one million.
- **Ambient PM<sub>2.5</sub> Concentration:** Incremental increase in average cumulative annual PM<sub>2.5</sub> concentration of greater than 0.8 µg/m<sup>3</sup>

Cancer risk is expressed in terms of expected incremental incidence per million population. The BAAQMD has established an individual project incidence rate of 10 persons per million as the maximum acceptable incremental cancer risk. This threshold serves to determine if a given project has a potentially significant development-specific and cumulative impact. The 10 in one million standard is a health-protective significance threshold. A risk level of 10 in one million implies a likelihood that up to 10 persons, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of toxic air contaminants over a specified duration of time. This risk would be an excess cancer that is in addition to any cancer risk borne by a person not exposed to these air toxics. To put this risk in perspective, the risk of dying from accidental drowning is 1,000 in one million which is 100 times more than the BAAQMD's threshold of 10 in one million.

The BAAQMD has also established non-carcinogenic risk parameters for use in HRAs. Noncarcinogenic risks are quantified by calculating a hazard index (HI), expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). An REL is a concentration at or below which health effects are not likely to occur. A HI less than 1.0 means that adverse health effects are not expected. Within this analysis, non-carcinogenic exposures of less than 1.0 are considered less than significant.

The 2017 BAAQMD CEQA Air Quality Guidelines recommend assessing impacts within 1,000 feet of the project. The 1,000-foot radius is consistent with findings in CARB's Air Quality and Land Use Handbook (2005) and the California Health & Safety Code §42301.6 (Notice for Possible Source Near School). The CARB Air Quality and Land Use Handbook found that TAC concentrations are reduced substantially at a distance 1,000 feet downwind from sources such as freeways or large distribution centers.

## 4.2 Methodology

This HRA evaluates potential health risks associated with the emission of diesel particulate matter resulting from the implementation of the proposed Project. Construction equipment and associated heavy-duty truck traffic generate diesel exhaust, which is a known TAC. Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors. Operational activities would also include the use of heavy-duty diesel trucks.

### Construction Risk

Construction would generate DPM emissions from the use of off-road diesel equipment required for grading and excavation, paving, and other construction activities. For construction activity, DPM is the primary toxic air contaminant of concern. On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment are less of a concern because they would not stay on the site for long durations. Diesel exhaust from construction equipment operating at the site potentially poses a health risk to nearby sensitive receptors. The closest sensitive receptor to the Project site is the church/daycare (approximately 45 feet away).

Health-related risks associated with diesel-exhaust emissions are primarily linked to long-term exposure and the associated risk of contracting cancer. The use of diesel-powered construction equipment would be episodic and would occur throughout the Project site. Construction activities would limit idling to no more than five minutes, which would further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions. Furthermore, even during the most intense year of construction, emissions of DPM would be generated from different locations on the Project site rather than in a single location because different types of construction activities (e.g., site preparation and building construction) would not occur at the same place at the same time. Construction emissions rates for PM<sub>10</sub> (DPM) were calculated from the CalEEMod construction emissions modeling conducted for the project Air Quality Assessment.

### Operational Sources

The truck traffic from the Project could also result in pollutant concentrations at existing sensitive receptors. Average daily trips from truck traffic to the Project were obtained from the Project Transportation Analysis (July 2021). The Transportation Analysis evaluated one warehouse scenario. Total daily trip and truck trip generation is based on Institute of Transportation Engineers (ITE) High Cube Fulfillment Center Warehouse (ITE 155) rates. Emission rates for vehicle running and idling for PM<sub>2.5</sub> (DPM) was calculated using trip data and CARB 2021 Emission FACTor model version 1.0.1 (EMFAC)<sup>4</sup> data for Santa Clara County; refer to [Appendix A](#). The emissions rate was calculated using 2023 emissions factors

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<sup>4</sup> California Air Resources Board, *EMFAC 2021 Web Database*, <https://arb.ca.gov/emfac/emissions-inventory>, accessed August 2021.

since Project construction would be completed in 2023. This approach is conservative as it assumes no cleaner technology in future years.

### Dispersion Modeling

The air dispersion modeling for the operational risk assessment was performed using U.S. EPA AERMOD dispersion model. AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources (not a factor in this case). AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. AERMOD regulatory defaults, the “Urban” modeling option for the County, and “Elevated” terrain were used for this analysis.

The emission sources in the model are line volume sources (comprised of smaller adjacent volume sources) for the loading dock idling areas, on-site truck circulation, and off-site routes. The truck loading areas for the Site are located on the northwest side of the building. Heavy duty vehicle emissions were assigned a release height of 12 feet (3.66 meters), a plume height of 20.4 feet (6.22 meters). A release height of 12 feet is the average stack height for trucks and the plume height is based on U.S. EPA guidance for vehicle volume sources.

AERMOD was run to obtain the peak 1-hour and period (annual average) concentration in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) at the nearby sensitive receptors. The period concentrations were used to calculate the Maximum Individual Cancer Risk (MICR), the maximum chronic HI, and the hourly concentrations were used to calculate the health impact from substances with acute non-cancer health effects. A receptor grid was placed over the Project site to cover the zone of impact. Due to the size of the Project site, nearby sensitive receptors were modeled with a 35-meter (115-foot) grid spacing. In addition, National Elevation Dataset (NED) terrain data was imported into AERMOD for the Project. Surface and upper air meteorological data is provided by CARB. Surface and upper air meteorological data from the San José Airport Monitoring Station was selected as being the most representative for meteorology based on proximity to the Project site. The modeling and analysis was prepared in accordance with the BAAQMD Modeling Guidance for AERMOD.<sup>5</sup>

Project construction would occur for over a period of up to approximately one year. However, the health risk computation was performed to determine the risk of developing an excess cancer risk calculated on a 3-year exposure scenario as recommended by the BAAQMD, and thus is conservative.<sup>6</sup> The cancer risk calculations were based on applying age sensitivity weighting factors for each emissions period modeled. Age-sensitivity factors reflect the greater sensitivity of infants and small children to cancer causing TACs. The chronic and carcinogenic health risk calculations are based on the standardized equations contained in the OEHHA Guidance Manual. Only the risk associated with the worst-case location of the proposed project was assessed.

Maximum (worst case)  $\text{PM}_{2.5}$  exhaust construction emissions over the entire construction period were used in AERMOD to approximate construction DPM emissions. Risk levels were calculated according to

<sup>5</sup> Bay Area Air Quality Management District, *BAAQMD Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines*, January 2016.

<sup>6</sup> The BAAQMD recommends that the cancer risk be evaluated assuming that the average daily dose for short-term exposure lasts a minimum of three years for projects lasting three years or less (BAAQMD, *BAAQMD Air Toxics NSR Program Health Risk Assessment Guidelines*, December 2016).

the California Office of Environmental Health Hazard Assessment (OEHHA) guidance document, *Air Toxics Hot Spots Program Risk Assessment Guidelines* (February 2015).

Note that the concentration estimate developed using this methodology is conservative and is not a specific prediction of the actual concentrations that would occur at the project site at any given point in time. Actual 1-hour and annual average concentrations are dependent on many variables, including specific distances during time periods of adverse meteorology. A health risk computation was performed to determine the risk of developing an excess cancer risk calculated on these worst-case exposure duration scenarios. The chronic and carcinogenic health risk calculations are based on the standardized equations contained in the OEHHA Guidance Manual. Only the risk associated with the worst-case location of the project was assessed.

### Risk and Hazard Assessment

**Cancer Risk.** Based on the OEHHA methodology, residential inhalation cancer risk from annual average DPM and benzene concentrations are calculated by multiplying the daily inhalation dose, cancer potency factor, age sensitivity factor (ASF), frequency of time spent at home, and exposure duration divided by averaging time, yielding the excess cancer risk. These factors are discussed in more detail below. It is important to note that exposure duration is based on continual heavy truck operations along nearby roadways. Exposure through inhalation (Dose-air) is a function of breathing rate, exposure frequency, and concentration of substance in the air. To estimate cancer risk, the dose was estimated by applying the following formula to each ground-level concentration:

$$\text{Dose-air} = C_{\text{air}} * (\text{BR}/\text{BW}) * A * \text{EF} * 10^{-6}$$

Where:

Dose-air	=	dose through inhalation (mg/kg/day)
$C_{\text{air}}$	=	air concentration ( $\mu\text{g}/\text{m}^3$ ) from air dispersion model
(BR/BW)	=	daily breathing rate normalized to body weight (L/kg bodyweight-day)
A	=	inhalation absorption factor (unitless)
EF	=	exposure frequency (approximately 350 days per year for residential)
$10^{-6}$	=	conversion factor (micrograms to milligrams, liters to cubic meters)

OEHHA developed ASFs to consider the increased sensitivity to carcinogens during early-life exposure. In the absence of chemical-specific data, OEHHA recommends a default ASF presented in [Table 2: Default Age Sensitivity Factors, Fraction of Time at Home, and Daily Breathing Rates](#). Fraction of time at home (FAH) during the day is used to adjust exposure duration and cancer risk from a specific facility's emissions, based on the assumption that exposure to the facility's emissions are not occurring away from home. OEHHA recommends the FAH values presented in [Table 2](#).

**Table 2: Default Age Sensitivity Factors, Fraction of Time at Home, and Daily Breathing Rates**

Age	Default Age Sensitivity Factor <sup>1</sup> (ASF)	Fraction of Time at Home (FAH)	Daily Breathing Rate (L/kg BW-day <sup>2</sup> )
Third trimester to age 2 years	10	85%	361
Ages 2 through 15 years	3	72%	1,090
Ages 16 and greater	1	73%	745

1. Accounts for potential increased sensitivity to carcinogens during childhood.  
2. 95<sup>th</sup> percentile daily breathing rate normalized to body weight (L/kg body weight-day)  
Source: California Office of Environmental Health Hazard Assessment, *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, February 2015.

To estimate the cancer risk, the dose is multiplied by the cancer potency factor, the ASF, the exposure duration divided by averaging time, and the frequency of time spent at home (for residents only):

$$\text{Risk}_{\text{inh-res}} = (\text{Dose}_{\text{air}} * \text{CPF} * \text{ASF} * (\text{ED}/\text{AT}) * \text{FAH})$$

Where:

Risk <sub>inh-res</sub>	=	residential inhalation cancer risk (potential chances per million)
Dose <sub>air</sub>	=	daily dose through inhalation (mg/kg-day)
CPF	=	inhalation cancer potency factor (mg/kg-day <sup>-1</sup> )
ASF	=	age sensitivity factor for a specified age group (unitless)
ED	=	exposure duration (in years) for a specified age group
AT	=	averaging time of lifetime cancer risk (years)
FAH	=	Fraction of time spent at home (unitless)

**Chronic Non-Cancer Hazard.** Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. The following equation was used to determine the non-cancer risk:

$$\text{Hazard Quotient} = C_i / \text{REL}_i$$

Where:

C <sub>i</sub>	=	Concentration in the air of substance i (annual average concentration in µg/m <sup>3</sup> )
REL <sub>i</sub>	=	Chronic noncancer Reference Exposure Level for substance i (µg/m <sup>3</sup> )

**Acute Non-Cancer Hazard.** The potential for acute non-cancer hazards is evaluated by comparing the maximum short-term exposure level to an acute REL. RELs are designed to protect sensitive individuals within the population. The calculation of acute non-cancer impacts is similar to the procedure for chronic non-cancer impacts. The equation is as follows:

$$\text{Acute HQ} = \text{Maximum Hourly Air Concentration (µg/m}^3\text{)} / \text{Acute REL (µg/m}^3\text{)}$$

### Health Risk Computation

A health risk computation was performed to determine the risk of developing an excess cancer risk calculated on a 30-year exposure scenario using CARB's Risk Assessment Stand Alone Tool (RAST). Health risk were analyzed at the point of maximum impact and are a conservative estimate. The pollutant concentrations are then used to estimate the long-term cancer health risk to an individual as well as the non-cancer chronic health index.

The off-site impacts would occur from the diesel trucks accessing the proposed project. The cancer and chronic health risks are based on the annual average concentration of  $PM_{2.5}$ . As DPM does not have short-term toxicity values, acute risks were conservatively evaluated using hourly  $PM_{10}$  concentrations and the REL for acrolein. The chronic and carcinogenic health risk calculations are based on the standardized equations contained in the U.S. EPA *Human Health Evaluation Manual* (1991) and the OEHHA *Guidance Manual* (2015).

## 5 POTENTIAL HEALTH RISK IMPACTS

CARB identified DPM as a TAC in 1998. Mobile sources (including trucks, buses, automobiles, trains, ships, and farm equipment) are by far the largest source of diesel emissions. The exhaust from diesel engines includes hundreds of different gaseous and particulate components, many of which are toxic. Diesel exhaust is composed of two phases, either gas or particulate – both contribute to the risk. The gas phase is composed of many of the urban TACs, such as acetaldehyde, acrolein, benzene, 1,3-butadiene, formaldehyde, and polycyclic aromatic hydrocarbons. The particulate phase has many different types that can be classified by size or composition. The sizes of diesel particulates of greatest health concern are fine and ultrafine particles. These particles may be composed of elemental carbon with adsorbed compounds such as organics, sulfates, nitrates, metals, and other trace elements. Diesel exhaust is emitted from a broad range of on- and off-road diesel engines. As the project includes construction near sensitive receptors and proposes heavy-duty trucks near within the BAAQMD 1,000-foot zone of influence an analysis of health risk impacts from TACs was performed for both construction and operations.

### 5.1 Construction Health Risk Analysis

Construction equipment and associated heavy-duty truck traffic generate diesel exhaust, which is a known toxic air contaminants (TAC). Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors. The closest sensitive receptors to the project site is the adjacent church/daycare approximately 45 feet east of the project site. BAAQMD provides guidance for evaluating impacts from TACs in its CEQA Air Quality Guidelines document. As noted therein, an incremental cancer risk of greater than 10 cases per million at the Maximally Exposed Individual (MEI) will result in a significant impact. The BAAQMD considers exposure to annual  $PM_{2.5}$  concentrations that exceed  $0.3 \mu\text{g}/\text{m}^3$  from a single source to be significant. The BAAQMD significance threshold for non-cancer hazards is 1.0.

Project construction would generate diesel particulate matter (DPM) emissions from the use of off-road diesel equipment required for grading and excavation, paving, and other construction activities. For construction activity, DPM is the primary toxic air contaminant of concern. On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment are less of a concern because they would not stay on the site for long durations. Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors.

The amount to which the receptors are exposed (a function of concentration and duration of exposure) is the primary factor used to determine health risk (i.e., potential exposure to TAC emission levels that exceed applicable standards). On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment are less of a concern because they would not stay on the site for long durations. Construction is temporary and would be transient throughout the site (i.e. move from location to location) and would not generate emissions in a fixed location for extended periods of time.

Construction is subject to and would comply with California regulations (e.g., California Code of Regulations, Title 13, Division 3, Article 1, Chapter 10, Sections 2485 and 2449), which reduce DPM and criteria pollutant emissions from in-use off-road diesel-fueled vehicles and limit the idling of heavy-duty construction equipment to no more than five minutes. These regulations would further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions. Given the temporary and intermittent nature of construction activities likely to occur within specific locations in the project site



(i.e., construction is not likely to occur in any one location for an extended time), the dose of DPM of any one receptor is exposed to would be limited.

PM<sub>2.5</sub> construction emissions rates in grams per second were calculated from the total annual on-site exhaust emissions reported in CalEEMod (0.11 tons unmitigated and 0.01 tons mitigated) total during construction. Annual emissions were converted to grams per second and these emissions rates were input into AERMOD. Although project construction would occur for over a period of one year, the health risk computation was performed to determine the risk of developing an excess cancer risk calculated on a 3-year exposure scenario as recommended by the BAAQMD, and thus is conservative.<sup>7</sup>

As noted above, maximum (worst case) PM<sub>2.5</sub> exhaust construction emissions over the entire construction period were used in AERMOD to approximate construction DPM emissions. Risk levels were calculated with the CARB Hotspots Analysis and Reporting Program (HARP) Risk Assessment Standalone Tool (RAST) based on the California Office of Environmental Health Hazard Assessment (OEHHA) guidance document, Air Toxics Hot Spots Program Risk Assessment Guidelines (February 2015). Results of this assessment are summarized in Table 3: Construction Risk.

**Table 3: Construction Risk**

Emissions Sources	Pollutant Concentration (µg/m <sup>3</sup> )	Cancer Risk (per million)	Chronic Hazard	Acute Hazard
<b>Unmitigated</b>				
Construction	0.088	27.93	0.018	0.173
<i>BAAQMD Threshold</i>	<i>0.3</i>	<i>10</i>	<i>1.0</i>	<i>1.0</i>
<b>Threshold Exceeded?</b>	<b>No</b>	<b>Yes</b>	<b>No</b>	<b>No</b>
<b>Mitigated</b>				
Construction	0.011	3.47	0.002	0.022
<i>BAAQMD Threshold</i>	<i>0.3</i>	<i>10</i>	<i>1.0</i>	<i>1.0</i>
<b>Threshold Exceeded?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>
1. Heavy-duty off-road construction equipment would also meet CARB Tier 4 Final emissions standards per Mitigation Measure HRA-1. Refer to Appendix A: Modeling data.				

Maximum unmitigated concentration of PM<sub>2.5</sub> during construction would be 0.09 µg/m<sup>3</sup>, which would not exceed the BAAQMD threshold of 0.3 µg/m<sup>3</sup>. The highest calculated unmitigated carcinogenic risk from project construction would be 28 per million, which would exceed the BAAQMD threshold of 10 in one million. The maximally exposed individual (MEI) during construction (i.e., the closest sensitive receptor) to the project site are the church/daycare (approximately 45 feet away).

Mitigation Measure HRA-1 requires the use of construction equipment that would meet CARB Tier 4 Final emissions standards in order to reduce diesel exhaust construction emissions. Mitigation Measure HRA-1 would reduce the project’s maximum cancer risk to 3.47 per million, which is below the BAAQMD thresholds of 10 in one million. Non-cancer hazards for DPM would be below BAAQMD threshold, with a chronic hazard index computed at 0.009 and an acute hazard index of 0.16 without mitigation and 0.002 and 0.022 with mitigation. Acute and chronic hazards would be below the BAAQMD significance threshold

<sup>7</sup> The BAAQMD recommends that the cancer risk be evaluated assuming that the average daily dose for short-term exposure lasts a minimum of three years for projects lasting three years or less (BAAQMD, *BAAQMD Air Toxics NSR Program Health Risk Assessment Guidelines*, December 2016).

of 1.0. As described above, construction risk levels would be below the BAAQMD's thresholds with Mitigation Measure HRA-1. Construction risk levels would be less than significant with mitigation.

### Mitigation Measures:

**HRA-1 Off-Road Diesel-Powered Construction Equipment.** Prior to issuance of grading permits, the applicant shall prepare and submit documentation to the City of San José that demonstrate that all off-road diesel-powered construction equipment greater than 50 horsepower meets California Air Resources Board Tier 4 Final off-road emissions standards. Requirements for Tier 4 Final equipment shall be included in applicable bid documents and successful contractor(s) must demonstrate the ability to supply such equipment. A copy of each unit's Best Available Control Technology (BACT) documentation (certified tier specification or model year specification), and CARB or BAAQMD operating permit (if applicable) shall be provided to the City at the time of mobilization of each applicable unit of equipment.

## 5.2 Operational Health Risk Analysis

Vehicle DPM emissions were estimated using emission factors for coarse particulate matter less than 2.5 microns in diameter (PM<sub>2.5</sub>) generated with the EMFAC developed by CARB. EMFAC is a mathematical model that was developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by CARB to project changes in future emissions from on-road mobile sources. EMFAC, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled (VMT) by speed, and number of starts per day. The model includes the emissions benefits of the truck and bus rule and the previously adopted rules for other on-road diesel equipment.

For this project, annual average PM<sub>10</sub> emission factors were generated by running EMFAC for vehicles in the BAAQMD within the Santa Clara County. EMFAC generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of vehicle speed, temperature, and relative humidity. The model was run for heavy-duty diesel vehicles traveling along Rue Ferrari, Eden Park Plaza, Silicon Valley Boulevard, and US 101, as well as circulating the project site and idling at proposed loading areas.

Based on the AERMOD outputs, the highest expected annual average diesel PM<sub>10</sub> emission concentrations from diesel truck traffic near sensitive receptors would be 0.001 µg/m<sup>3</sup>. The calculations conservatively assume no cleaner technology with lower emissions in future years. As shown in [Table 4: Operational Risk Assessment Results](#), the highest calculated carcinogenic risk resulting from the project is 0.31 per million residents, which is below the BAAQMD threshold of 10 per million. Acute and chronic hazards also would be below the BAAQMD significance threshold of 1.0.

**Table 4: Operational Risk Assessment Results**

Exposure Scenario	Pollutant Concentration (µg/m <sup>3</sup> )	Maximum Cancer Risk (Risk per Million)	Chronic Noncancer Hazard	Acute Noncancer Hazard
Particulate Matter (PM <sub>2.5</sub> )	0.001	0.31	0.0001	0.001
<i>Threshold</i>	<i>NA</i>	<i>10 in one million</i>	<i>1.0</i>	<i>1.0</i>
<b>Exceed Threshold?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>

1. Refer to [Appendix A: Modeling Data](#).
2. The maximum cancer would be experienced at the temporary housing shelters located southeast along Rue Ferrari based on worst-case exposure durations for the Project, 95<sup>th</sup> percentile breathing rates, and 30-year averaging time.

The pollutant concentrations modeled in AERMOD represent the exposure levels outdoors. The BAAQMD conservatively does not include indoor exposure adjustments for residents. However, the typical person spends the majority of time indoors rather than remaining outdoors in the same location for 24 hours a day.<sup>8</sup> Therefore, the AERMOD outdoor pollutant concentrations are not necessarily representative of actual exposure at the project site, and tend to overestimate exposure.

**Cumulative On-Site Health Impacts**

In addition to mobile sources, stationary sources within a 1,000-foot-radius of the project site were identified using BAAQMD’s Stationary Source GIS Maps and consultation with the BAAQMD. [Table 5: Cumulative On-Site Health Risk](#) shows TACs generated from the project, major street, highway, rail, and stationary sources within a 1,000-foot-radius.

**Table 5: Cumulative On-Site Health Risk**

Emissions Sources	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	Cancer Risk (per million)	Hazard
<b>Project Mobile Emissions</b>	0.001	0.31	0.0001
<b>Major Street Sources<sup>1</sup></b>	0.001	0.07	0.004
<b>Highway Sources<sup>1</sup></b>	0.43	30.65	1.72
<b>Railway Sources<sup>1</sup></b>	0.002	1.17	0.01
<b>Stationary Sources</b>			
San Jose Behavioral Health	0.00	0.12	0.00
<b>Cumulative Health Risk Values</b>	<b>0.434</b>	<b>32.32</b>	<b>1.734</b>
<i>BAAQMD Cumulative Threshold</i>	<i>0.8</i>	<i>100</i>	<i>10</i>
<b>Threshold Exceeded?</b>	<b>No</b>	<b>No</b>	<b>No</b>
1. BAAQMD GIS data. Source: BAAQMD’s Stationary Source Data and GIS Mapping Tools, 2020.			

As described above in [Table 10](#), cumulative impacts related to PM<sub>2.5</sub>, cancer risk and hazard would be less than cumulatively considerable and within acceptable limits. Therefore, the project’s cumulative impacts would be less than significant.

**Mitigation Measures:** None required.

**Level of Significance:** Less than significant and less than cumulatively considerable impacts.

<sup>8</sup> California Air Resources Board Research Division and University of California, Berkeley, *Activity Patterns of California Residents*, May 1991. The study indicates that on average, adults and adolescents in California spent almost 15 hours per day inside their homes, and 6 hours in other indoor locations, for a total of 21 hours (87% of the day). Approximately two hours per day were spent in transit, and just over one hour per day was spent in outdoor locations.

## 6 REFERENCES

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14. Ralph Propper, et al., *Ambient and Emission Trends of Toxic Air Contaminants in California*, Environmental Science and Technology, September 2015.
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# Appendix A

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## Modeling Data

**Construction - Unmitigated**

<b>PM<sub>2.5</sub> Exhaust Onsite</b>				
Year	Tons/Year	g/s	Weighted Average On-Site Rate	
2022	0.1062	0.003055	0.002750109	
2023	1.17E-03	0.000034		
	0.10737			
<b>PM<sub>2.5</sub> Exhaust Off-Site</b>				
	Tons/Year	g/s	g/s per mile	Weighted Average Off-Site Rate
2022	8.87E-03	0.000255	3.69797E-05	3.33E-05
2023	3.00E-05	0.000001	1.25072E-07	

Construction Route	Length (meters)	Length (Miles)	Emissions (g/sec per mile)	Emission Rate (g/sec)
US 101 Northbound	1895.8	1.18	3.33E-05	3.92E-05
		0.00	3.33E-05	0.00E+00
		0.00	3.33E-05	0.00E+00
		0.00	3.33E-05	0.00E+00

**On-Site Construction Emissions**

Year	Phase	tons/yr Exhaust PM <sub>2.5</sub>
2022	Demolition	0.0116
2022	Site Prep	7.42E-03
2022	Grading	0.0226
2022	Paving	5.22E-03
2022	Building	0.0567
2022	Arch Coating	2.66E-03
	Total	0.1062
2023	Arch Coating	1.17E-03
	Total	1.17E-03

**Off-Site Construction Emissions**

Year	Phase	tons/yr Exhaust PM <sub>2.5</sub>
2022	Demolition	2.13E-03
2022	Site Prep	0.00E+00
2022	Grading	3.80E-04
2022	Paving	1.00E-03
2022	Building	5.29E-03
2022	Arch Coating	7.00E-05
	Total	8.87E-03
2023	Arch Coating	3.00E-05
	Total	3.00E-05

**Construction - Mitigated**

PM <sub>2.5</sub> Exhaust Onsite				
Year	Tons/Year	g/s	Weighted Average On-Site Rate	
2022	0.01306	0.000376	0.000341175	
2023	1.17E-03	0.000034		
PM <sub>2.5</sub> Exhaust Off-Site				
	Tons/Year	g/s	g/s per mile	Weighted Average Off-Site Rate
2022	7.88E-03	0.000227	3.28523E-05	2.95E-05
2023	3.00E-05	0.000001	1.25072E-07	

Construction Route	Length (meters)	Length (Miles)	Emissions (g/sec per mile)	Emission Rate (g/sec)
US 101 Northbound	1895.8	1.18	2.95E-05	3.48E-05
		0.00	2.95E-05	0.00E+00
		0.00	2.95E-05	0.00E+00
		0.00	2.95E-05	0.00E+00

**On-Site Construction Emissions**

Year	Phase	tons/yr Exhaust PM <sub>2.5</sub>
2022	Demolition	6.20E-04
2022	Site Prep	3.10E-04
2022	Grading	1.52E-03
2022	Paving	3.70E-04
2022	Building	7.58E-03
2022	Arch Coating	2.66E-03
	Total	0.01306
2023	Arch Coating	1.17E-03
	Total	1.17E-03

**Off-Site Construction Emissions**

Year	Phase	tons/yr Exhaust PM <sub>2.5</sub>
2022	Demolition	2.13E-03
2022	Site Prep	0.00E+00
2022	Grading	3.80E-04
2022	Paving	1.00E-05
2022	Building	5.29E-03
2022	Arch Coating	7.00E-05
	Total	7.88E-03
2023	Arch Coating	3.00E-05
	Total	3.00E-05

**Construction**

	$\mu\text{g}/\text{m}^3$		
	1 hr	24 hr	Period
<b>Project</b>	4.33E-01	1.14E-01	8.76E-02

**HARP 2 Risk Summary**

INDEX	POLID		Cancer	Per 1 million	Chronic	Acute		
			CONC	INH_RISK	RESP	CONC	RESP	
1	9901	Diesel ExhPM	8.76E-02	2.79E-05	27.93	1.75E-02	4.33E-01	0.00E+00
2	107028	Acrolein				0.0	4.33E-01	1.73E-01

**Tier 4**

	$\mu\text{g}/\text{m}^3$		
	1 hr	24 hr	Period
<b>Project</b>	5.39E-02	1.42E-02	1.09E-02

**HARP 2 Risk Summary**

INDEX	POLID		Cancer	Per 1 million	Chronic	Acute		
			CONC	INH_RISK	RESP	CONC	RESP	
1	9901	Diesel ExhPM	1.09E-02	3.47E-06	3.47	2.18E-03	5.39E-02	0.00E+00
2	107028	Acrolein				0.0	5.39E-02	2.16E-02

**Operations**

	$\mu\text{g}/\text{m}^3$		
	1 hr	24 hr	Period
<b>Project</b>	2.54E-03	5.20E-04	4.50E-04

**HARP 2 Risk Summary**

INDEX	POLID		Cancer	Per 1 million	Chronic	Acute		
			CONC	INH_RISK	RESP	CONC	RESP	
1	9901	Diesel ExhPM	4.50E-04	3.07E-07	0.31	9.00E-05	2.54E-03	0.00E+00
2	107028	Acrolein	0.00E+00	0.00E+00		0.00E+00	2.54E-03	1.02E-03



**Operational Emissions Rates Calculations**

<b>Truck Route Emissions</b>	<b>Speed (mph)</b>	<b>Trips (veh/day)</b>	<b>Emission Factor (g/mi)</b>	<b>Length (meters)</b>	<b>Length (mi/veh)</b>	<b>Emissions (g/day)</b>	<b>Emission Rate (g/sec)</b>
Silicon Valley Boulevard	40	112	0.01071	696.2	0.43	5.19E-01	6.00E-06
Rue Ferrari	30	56	0.01357	646.7	0.40	3.05E-01	3.53E-06
Eden Park Plaza	30	56	0.01357	614.9	0.38	2.90E-01	3.36E-06
US 101	40	112	0.01071	1153.6	0.72	8.59E-01	9.95E-06
On-Site Travel	15	112	0.02644	397	0.25	7.31E-01	8.46E-06

<b>Loading Dock Idling</b>	<b>Speed (mph)</b>	<b>Trips (veh/day)</b>	<b>Emission Factor (g/hr)</b>	<b>Duration (hr/veh)</b>	<b>Emissions (g/day)</b>	<b>Emission Rate (g/sec)</b>
Loading Area	Idle	112	0.00205983	0.25	5.77E-02	6.68E-07

Source: EMFAC2021 (v1.0.1) Emission Rates

Region Type: Sub-Area

Region: Santa Clara (SF)

Calendar Year: 2023

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN

Region	Calendar Y	Vehicle Ca	Model Year	Speed	Fuel	Speed (mph)			PM2.5_IDLEX		
						Idle (g/trip)	15	30	40		
						0.00205983	0.026441312	0.013572397	0.010705028		
Santa Clar.	2023	HHDT	Aggregate	Aggregate	Gasoline	3.454008773	114.3092811	69.10780752	0	0	
Santa Clar.	2023	HHDT	Aggregate	Aggregate	Diesel	8235.058614	991289.0051	120860.7913	0.031631173	260.4846	
Santa Clar.	2023	HHDT	Aggregate	Aggregate	Electricity	6.701710188	411.5053623	103.2043986	0	0	
Santa Clar.	2023	HHDT	Aggregate	Aggregate	Natural Gas	753.7365664	53295.9669	6914.033693	0.024237246	18.2685	
Santa Clar.	2023	LHDT2	Aggregate	Aggregate	Gasoline	2494.382223	90793.03842	37162.5785	0	0	
Santa Clar.	2023	LHDT2	Aggregate	Aggregate	Diesel	4479.531561	176769.2012	56346.87178	0.027025529	121.0617	
Santa Clar.	2023	MHDT	Aggregate	Aggregate	Gasoline	1418.702832	70785.85764	28385.40626	0	0	
Santa Clar.	2023	MHDT	Aggregate	Aggregate	Diesel	10273.55393	431550.3805	122418.6563	0.035741613	367.1934	
Santa Clar.	2023	MHDT	Aggregate	Aggregate	Electricity	4.749835347	101.802183	59.6458006	0	0	
Santa Clar.	2023	MHDT	Aggregate	Aggregate	Natural Gas	83.84099699	4047.873672	762.8100386	0.017647343	1.479571	

Region	Calendar Y	Vehicle Ca	Model Year	Speed	Fuel	Total VMT	PM2.5_RUNEX
Santa Clar.	2023	HHDT	Aggregate	15	Gasoline	3.03801782	0.009451568
Santa Clar.	2023	HHDT	Aggregate	15	Diesel	18434.06342	0.012350599
Santa Clar.	2023	HHDT	Aggregate	15	Electricity	7.047129849	0
Santa Clar.	2023	HHDT	Aggregate	15	Natural Gas	2554.187095	0.003960683
Santa Clar.	2023	LHDT2	Aggregate	15	Gasoline	15750.8655	0.00195805
Santa Clar.	2023	LHDT2	Aggregate	15	Diesel	23847.13656	0.051713938
Santa Clar.	2023	MHDT	Aggregate	15	Gasoline	2489.902537	0.00298981
Santa Clar.	2023	MHDT	Aggregate	15	Diesel	21408.00922	0.034091497
Santa Clar.	2023	MHDT	Aggregate	15	Electricity	5.210773563	0
Santa Clar.	2023	MHDT	Aggregate	15	Natural Gas	204.4908468	0.00254808

Region	Calendar Y	Vehicle Ca	Model Year	Speed	Fuel	Total VMT	PM2.5_RUNEX
Santa Clar.	2023	HHDT	Aggregate	30	Gasoline	5.120620026	0.004199516
Santa Clar.	2023	HHDT	Aggregate	30	Diesel	24987.87517	0.009545509
Santa Clar.	2023	HHDT	Aggregate	30	Electricity	9.616559002	0
Santa Clar.	2023	HHDT	Aggregate	30	Natural Gas	2776.677468	0.002098367
Santa Clar.	2023	LHDT2	Aggregate	30	Gasoline	11881.9415	0.001006663
Santa Clar.	2023	LHDT2	Aggregate	30	Diesel	21477.01675	0.029626587
Santa Clar.	2023	MHDT	Aggregate	30	Gasoline	3713.537862	0.001213344
Santa Clar.	2023	MHDT	Aggregate	30	Diesel	53750.37173	0.01335941
Santa Clar.	2023	MHDT	Aggregate	30	Electricity	13.20996183	0
Santa Clar.	2023	MHDT	Aggregate	30	Natural Gas	428.4814661	0.001189058

Region	Calendar Y	Vehicle Ca	Model Year	Speed	Fuel	Total VMT	PM2.5_RUNEX
Santa Clar.	2023	HHDT	Aggregate	40	Gasoline	6.29989509	0.003156163
Santa Clar.	2023	HHDT	Aggregate	40	Diesel	33841.48811	0.011284079
Santa Clar.	2023	HHDT	Aggregate	40	Electricity	13.17294003	0
Santa Clar.	2023	HHDT	Aggregate	40	Natural Gas	3237.557239	0.001567191
Santa Clar.	2023	LHDT2	Aggregate	40	Gasoline	1234.26706	0.000790214
Santa Clar.	2023	LHDT2	Aggregate	40	Diesel	6124.340846	0.021282758
Santa Clar.	2023	MHDT	Aggregate	40	Gasoline	4671.564936	0.00086856
Santa Clar.	2023	MHDT	Aggregate	40	Diesel	51963.44855	0.010868953
Santa Clar.	2023	MHDT	Aggregate	40	Electricity	12.33064209	0
Santa Clar.	2023	MHDT	Aggregate	40	Natural Gas	482.199298	0.000747312

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Rue Ferrari Project (Construction + Ops)  
Santa Clara County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	302.77	1000sqft	6.95	302,775.00	0
Parking Lot	351.09	1000sqft	8.06	351,086.00	0
City Park	2.60	Acre	2.60	0.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	4			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas and Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	203.98	<b>CH4 Intensity (lb/MW hr)</b>	0.033	<b>N2O Intensity (lb/MW hr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

- Project Characteristics -
- Land Use - Land use per 5/6/2021 site plan
- Construction Phase - anticipated construction schedule
- Demolition - 19,000 tons of concrete, 9,700 tons of asphalt
- Grading - 5,000 cy import
- Vehicle Trips - Estimated traffic data per TA Report
- Vehicle Emission Factors - EMFAC Safe Rule
- Vehicle Emission Factors - EMFAC Safe Rule
- Construction Off-road Equipment Mitigation - BAAQMD Dust Control Measures
- Waste Mitigation - AB939

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Fleet Mix - Updated fleet mix per land use

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	300.00	149.00

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tblConstructionPhase	NumDays	20.00	98.00
tblFleetMix	HHD	6.3620e-003	0.60
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.19	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.0410e-003	0.17
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	2.8380e-003	0.00
tblFleetMix	MHD	7.8170e-003	0.23
tblFleetMix	OBUS	9.1200e-004	0.00
tblFleetMix	SBUS	9.2700e-004	0.00
tblFleetMix	UBUS	3.8900e-004	0.00
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LandUseSquareFeet	302,770.00	302,775.00
tblLandUse	LandUseSquareFeet	351,090.00	351,086.00
tblLandUse	LandUseSquareFeet	113,256.00	0.00
tblVehicleEF	HHD	0.02	0.24
tblVehicleEF	HHD	0.05	0.13
tblVehicleEF	HHD	6.34	5.21
tblVehicleEF	HHD	0.40	0.79
tblVehicleEF	HHD	5.9190e-003	5.5500e-004
tblVehicleEF	HHD	1,065.38	850.51
tblVehicleEF	HHD	1,436.68	1,643.05
tblVehicleEF	HHD	0.05	0.03
tblVehicleEF	HHD	5.44	4.16
tblVehicleEF	HHD	2.68	1.93
tblVehicleEF	HHD	2.32	2.69

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	HHD	2.6700e-003	2.2830e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	2.5550e-003	2.1790e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8780e-003	8.7810e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.0000e-006	2.8800e-004
tblVehicleEF	HHD	1.1600e-004	8.6000e-005
tblVehicleEF	HHD	0.43	0.33
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	5.1000e-005	7.7100e-004
tblVehicleEF	HHD	3.0000e-006	1.0000e-006
tblVehicleEF	HHD	9.9140e-003	7.4610e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	3.0000e-006	2.8800e-004
tblVehicleEF	HHD	1.1600e-004	8.6000e-005
tblVehicleEF	HHD	0.49	0.60
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.15
tblVehicleEF	HHD	5.1000e-005	7.7100e-004
tblVehicleEF	HHD	3.0000e-006	1.0000e-006
tblVehicleEF	HHD	0.03	0.24
tblVehicleEF	HHD	0.05	0.13
tblVehicleEF	HHD	6.25	5.14
tblVehicleEF	HHD	0.40	0.80
tblVehicleEF	HHD	5.4410e-003	5.1000e-004

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tblVehicleEF	HHD	1,053.45	841.85
tblVehicleEF	HHD	1,436.68	1,643.05
tblVehicleEF	HHD	0.05	0.03
tblVehicleEF	HHD	5.20	3.98
tblVehicleEF	HHD	2.58	1.86
tblVehicleEF	HHD	2.32	2.69
tblVehicleEF	HHD	2.3350e-003	2.0120e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	2.2340e-003	1.9190e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8780e-003	8.7810e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	6.0000e-006	4.4700e-004
tblVehicleEF	HHD	1.2700e-004	9.5000e-005
tblVehicleEF	HHD	0.45	0.35
tblVehicleEF	HHD	4.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	5.1000e-005	8.0200e-004
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	9.8030e-003	7.3790e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	6.0000e-006	4.4700e-004
tblVehicleEF	HHD	1.2700e-004	9.5000e-005
tblVehicleEF	HHD	0.52	0.62
tblVehicleEF	HHD	4.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.15
tblVehicleEF	HHD	5.1000e-005	8.0200e-004

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	HHD	3.0000e-006	1.0000e-006
tblVehicleEF	HHD	0.02	0.23
tblVehicleEF	HHD	0.05	0.13
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	6.47	5.31
tblVehicleEF	HHD	0.40	0.79
tblVehicleEF	HHD	6.3520e-003	5.9500e-004
tblVehicleEF	HHD	1,081.85	862.47
tblVehicleEF	HHD	1,436.68	1,643.05
tblVehicleEF	HHD	0.05	0.03
tblVehicleEF	HHD	5.77	4.41
tblVehicleEF	HHD	2.72	1.96
tblVehicleEF	HHD	2.32	2.69
tblVehicleEF	HHD	3.1340e-003	2.6580e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	2.9990e-003	2.5370e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8780e-003	8.7810e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.0000e-006	2.5600e-004
tblVehicleEF	HHD	1.3000e-004	7.9000e-005
tblVehicleEF	HHD	0.39	0.31
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	5.6000e-005	8.1000e-004
tblVehicleEF	HHD	3.0000e-006	1.0000e-006
tblVehicleEF	HHD	0.01	7.5740e-003



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tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.0000e-006	2.5600e-004
tblVehicleEF	HHD	1.3000e-004	7.9000e-005
tblVehicleEF	HHD	0.45	0.57
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.15
tblVehicleEF	HHD	5.6000e-005	8.1000e-004
tblVehicleEF	HHD	3.0000e-006	1.0000e-006
tblVehicleEF	LDA	1.9580e-003	2.3090e-003
tblVehicleEF	LDA	0.05	0.07
tblVehicleEF	LDA	0.56	0.70
tblVehicleEF	LDA	2.16	3.10
tblVehicleEF	LDA	245.26	253.36
tblVehicleEF	LDA	52.02	65.50
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.18	0.25
tblVehicleEF	LDA	0.04	7.2000e-003
tblVehicleEF	LDA	1.3550e-003	1.2320e-003
tblVehicleEF	LDA	1.7500e-003	1.9880e-003
tblVehicleEF	LDA	0.02	2.5200e-003
tblVehicleEF	LDA	1.2480e-003	1.1350e-003
tblVehicleEF	LDA	1.6090e-003	1.8280e-003
tblVehicleEF	LDA	0.04	0.29
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	7.4590e-003	9.0570e-003
tblVehicleEF	LDA	0.03	0.22
tblVehicleEF	LDA	0.21	0.32
tblVehicleEF	LDA	2.3960e-003	2.5050e-003

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	LDA	5.0800e-004	6.4800e-004
tblVehicleEF	LDA	0.04	0.29
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.22
tblVehicleEF	LDA	0.23	0.35
tblVehicleEF	LDA	2.2110e-003	2.4650e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.66	0.93
tblVehicleEF	LDA	1.70	2.44
tblVehicleEF	LDA	263.96	273.25
tblVehicleEF	LDA	51.16	64.26
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.22
tblVehicleEF	LDA	0.04	7.2000e-003
tblVehicleEF	LDA	1.3550e-003	1.2320e-003
tblVehicleEF	LDA	1.7500e-003	1.9880e-003
tblVehicleEF	LDA	0.02	2.5200e-003
tblVehicleEF	LDA	1.2480e-003	1.1350e-003
tblVehicleEF	LDA	1.6090e-003	1.8280e-003
tblVehicleEF	LDA	0.09	0.38
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	8.2930e-003	9.5030e-003
tblVehicleEF	LDA	0.03	0.22
tblVehicleEF	LDA	0.18	0.26
tblVehicleEF	LDA	2.5790e-003	2.7010e-003
tblVehicleEF	LDA	5.0000e-004	6.3500e-004

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tblVehicleEF	LDA	0.09	0.38
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.07	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.22
tblVehicleEF	LDA	0.19	0.29
tblVehicleEF	LDA	1.8810e-003	2.2390e-003
tblVehicleEF	LDA	0.05	0.08
tblVehicleEF	LDA	0.55	0.67
tblVehicleEF	LDA	2.53	3.64
tblVehicleEF	LDA	242.18	250.10
tblVehicleEF	LDA	52.70	66.49
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.19	0.27
tblVehicleEF	LDA	0.04	7.2000e-003
tblVehicleEF	LDA	1.3550e-003	1.2320e-003
tblVehicleEF	LDA	1.7500e-003	1.9880e-003
tblVehicleEF	LDA	0.02	2.5200e-003
tblVehicleEF	LDA	1.2480e-003	1.1350e-003
tblVehicleEF	LDA	1.6090e-003	1.8280e-003
tblVehicleEF	LDA	0.02	0.27
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	7.2550e-003	8.8950e-003
tblVehicleEF	LDA	0.03	0.22
tblVehicleEF	LDA	0.24	0.36
tblVehicleEF	LDA	2.3660e-003	2.4720e-003
tblVehicleEF	LDA	5.1500e-004	6.5700e-004
tblVehicleEF	LDA	0.02	0.27

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.02	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.22
tblVehicleEF	LDA	0.26	0.39
tblVehicleEF	LDT1	4.1630e-003	6.9520e-003
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	0.95	1.55
tblVehicleEF	LDT1	2.35	5.65
tblVehicleEF	LDT1	292.91	332.08
tblVehicleEF	LDT1	62.87	88.11
tblVehicleEF	LDT1	0.08	0.14
tblVehicleEF	LDT1	0.23	0.40
tblVehicleEF	LDT1	0.04	9.2280e-003
tblVehicleEF	LDT1	1.7660e-003	2.0640e-003
tblVehicleEF	LDT1	2.2510e-003	3.0810e-003
tblVehicleEF	LDT1	0.02	3.2300e-003
tblVehicleEF	LDT1	1.6250e-003	1.9000e-003
tblVehicleEF	LDT1	2.0700e-003	2.8330e-003
tblVehicleEF	LDT1	0.08	0.63
tblVehicleEF	LDT1	0.16	0.17
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.08	0.50
tblVehicleEF	LDT1	0.31	0.58
tblVehicleEF	LDT1	2.8620e-003	3.2830e-003
tblVehicleEF	LDT1	6.1400e-004	8.7100e-004
tblVehicleEF	LDT1	0.08	0.63
tblVehicleEF	LDT1	0.16	0.17

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tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.08	0.50
tblVehicleEF	LDT1	0.34	0.64
tblVehicleEF	LDT1	4.6510e-003	7.3950e-003
tblVehicleEF	LDT1	0.05	0.09
tblVehicleEF	LDT1	1.10	2.03
tblVehicleEF	LDT1	1.84	4.39
tblVehicleEF	LDT1	312.15	355.54
tblVehicleEF	LDT1	61.88	85.79
tblVehicleEF	LDT1	0.07	0.12
tblVehicleEF	LDT1	0.20	0.36
tblVehicleEF	LDT1	0.04	9.2280e-003
tblVehicleEF	LDT1	1.7660e-003	2.0640e-003
tblVehicleEF	LDT1	2.2510e-003	3.0810e-003
tblVehicleEF	LDT1	0.02	3.2300e-003
tblVehicleEF	LDT1	1.6250e-003	1.9000e-003
tblVehicleEF	LDT1	2.0700e-003	2.8330e-003
tblVehicleEF	LDT1	0.19	0.84
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.14	0.00
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.08	0.51
tblVehicleEF	LDT1	0.25	0.48
tblVehicleEF	LDT1	3.0510e-003	3.5150e-003
tblVehicleEF	LDT1	6.0500e-004	8.4800e-004
tblVehicleEF	LDT1	0.19	0.85
tblVehicleEF	LDT1	0.18	0.19
tblVehicleEF	LDT1	0.14	0.00

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tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.08	0.51
tblVehicleEF	LDT1	0.28	0.52
tblVehicleEF	LDT1	4.0210e-003	6.7700e-003
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	0.93	1.49
tblVehicleEF	LDT1	2.75	6.66
tblVehicleEF	LDT1	289.75	328.24
tblVehicleEF	LDT1	63.66	89.97
tblVehicleEF	LDT1	0.09	0.16
tblVehicleEF	LDT1	0.25	0.44
tblVehicleEF	LDT1	0.04	9.2280e-003
tblVehicleEF	LDT1	1.7660e-003	2.0640e-003
tblVehicleEF	LDT1	2.2510e-003	3.0810e-003
tblVehicleEF	LDT1	0.02	3.2300e-003
tblVehicleEF	LDT1	1.6250e-003	1.9000e-003
tblVehicleEF	LDT1	2.0700e-003	2.8330e-003
tblVehicleEF	LDT1	0.04	0.58
tblVehicleEF	LDT1	0.17	0.16
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.10	0.51
tblVehicleEF	LDT1	0.35	0.66
tblVehicleEF	LDT1	2.8320e-003	3.2450e-003
tblVehicleEF	LDT1	6.2200e-004	8.8900e-004
tblVehicleEF	LDT1	0.04	0.58
tblVehicleEF	LDT1	0.17	0.16
tblVehicleEF	LDT1	0.03	0.00
tblVehicleEF	LDT1	0.03	0.04

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tblVehicleEF	LDT1	0.10	0.51
tblVehicleEF	LDT1	0.38	0.72
tblVehicleEF	LDT2	3.2450e-003	3.0800e-003
tblVehicleEF	LDT2	0.07	0.09
tblVehicleEF	LDT2	0.79	0.89
tblVehicleEF	LDT2	2.79	3.86
tblVehicleEF	LDT2	316.74	348.05
tblVehicleEF	LDT2	68.58	89.31
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.27	0.35
tblVehicleEF	LDT2	0.04	8.8740e-003
tblVehicleEF	LDT2	1.3890e-003	1.3840e-003
tblVehicleEF	LDT2	1.7510e-003	2.1670e-003
tblVehicleEF	LDT2	0.02	3.1060e-003
tblVehicleEF	LDT2	1.2790e-003	1.2730e-003
tblVehicleEF	LDT2	1.6100e-003	1.9930e-003
tblVehicleEF	LDT2	0.06	0.30
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.22
tblVehicleEF	LDT2	0.31	0.41
tblVehicleEF	LDT2	3.0950e-003	3.4400e-003
tblVehicleEF	LDT2	6.7000e-004	8.8300e-004
tblVehicleEF	LDT2	0.06	0.30
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.06	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.22

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tblVehicleEF	LDT2	0.34	0.45
tblVehicleEF	LDT2	3.6500e-003	3.2860e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.92	1.17
tblVehicleEF	LDT2	2.19	3.03
tblVehicleEF	LDT2	335.66	370.29
tblVehicleEF	LDT2	67.45	87.77
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.24	0.32
tblVehicleEF	LDT2	0.04	8.8740e-003
tblVehicleEF	LDT2	1.3890e-003	1.3840e-003
tblVehicleEF	LDT2	1.7510e-003	2.1670e-003
tblVehicleEF	LDT2	0.02	3.1060e-003
tblVehicleEF	LDT2	1.2790e-003	1.2730e-003
tblVehicleEF	LDT2	1.6100e-003	1.9930e-003
tblVehicleEF	LDT2	0.14	0.39
tblVehicleEF	LDT2	0.13	0.09
tblVehicleEF	LDT2	0.12	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.23
tblVehicleEF	LDT2	0.25	0.34
tblVehicleEF	LDT2	3.2800e-003	3.6600e-003
tblVehicleEF	LDT2	6.5900e-004	8.6800e-004
tblVehicleEF	LDT2	0.14	0.39
tblVehicleEF	LDT2	0.13	0.09
tblVehicleEF	LDT2	0.12	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.23
tblVehicleEF	LDT2	0.28	0.37



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tblVehicleEF	LDT2	3.1220e-003	2.9870e-003
tblVehicleEF	LDT2	0.07	0.10
tblVehicleEF	LDT2	0.77	0.85
tblVehicleEF	LDT2	3.27	4.53
tblVehicleEF	LDT2	313.63	344.41
tblVehicleEF	LDT2	69.49	90.56
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.29	0.38
tblVehicleEF	LDT2	0.04	8.8740e-003
tblVehicleEF	LDT2	1.3890e-003	1.3840e-003
tblVehicleEF	LDT2	1.7510e-003	2.1670e-003
tblVehicleEF	LDT2	0.02	3.1060e-003
tblVehicleEF	LDT2	1.2790e-003	1.2730e-003
tblVehicleEF	LDT2	1.6100e-003	1.9930e-003
tblVehicleEF	LDT2	0.03	0.28
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.03	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.22
tblVehicleEF	LDT2	0.35	0.46
tblVehicleEF	LDT2	3.0640e-003	3.4040e-003
tblVehicleEF	LDT2	6.7900e-004	8.9500e-004
tblVehicleEF	LDT2	0.03	0.28
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.03	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.22
tblVehicleEF	LDT2	0.38	0.50
tblVehicleEF	LHD1	5.1620e-003	5.5430e-003

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tblVehicleEF	LHD1	8.5450e-003	9.1830e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.19	0.20
tblVehicleEF	LHD1	0.77	0.98
tblVehicleEF	LHD1	1.08	2.15
tblVehicleEF	LHD1	8.94	8.82
tblVehicleEF	LHD1	794.16	800.55
tblVehicleEF	LHD1	11.83	18.05
tblVehicleEF	LHD1	0.06	0.05
tblVehicleEF	LHD1	0.73	0.75
tblVehicleEF	LHD1	0.32	0.46
tblVehicleEF	LHD1	8.2500e-004	6.7600e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	9.7470e-003	9.4030e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.5800e-004	2.4900e-004
tblVehicleEF	LHD1	7.9000e-004	6.4700e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.4370e-003	2.3510e-003
tblVehicleEF	LHD1	9.7200e-003	0.01
tblVehicleEF	LHD1	2.3700e-004	2.2900e-004
tblVehicleEF	LHD1	2.0240e-003	0.14
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.0320e-003	0.00
tblVehicleEF	LHD1	0.09	0.10
tblVehicleEF	LHD1	0.20	0.19
tblVehicleEF	LHD1	0.08	0.12
tblVehicleEF	LHD1	8.7000e-005	8.6000e-005

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tblVehicleEF	LHD1	7.7550e-003	7.8230e-003
tblVehicleEF	LHD1	1.1700e-004	1.7800e-004
tblVehicleEF	LHD1	2.0240e-003	0.14
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.0320e-003	0.00
tblVehicleEF	LHD1	0.11	0.12
tblVehicleEF	LHD1	0.20	0.19
tblVehicleEF	LHD1	0.08	0.13
tblVehicleEF	LHD1	5.1760e-003	5.5670e-003
tblVehicleEF	LHD1	8.7500e-003	9.4230e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.19	0.20
tblVehicleEF	LHD1	0.79	1.00
tblVehicleEF	LHD1	1.01	2.00
tblVehicleEF	LHD1	8.94	8.82
tblVehicleEF	LHD1	794.19	800.60
tblVehicleEF	LHD1	11.69	17.79
tblVehicleEF	LHD1	0.06	0.05
tblVehicleEF	LHD1	0.70	0.72
tblVehicleEF	LHD1	0.30	0.43
tblVehicleEF	LHD1	8.2500e-004	6.7600e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	9.7470e-003	9.4030e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.5800e-004	2.4900e-004
tblVehicleEF	LHD1	7.9000e-004	6.4700e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.4370e-003	2.3510e-003

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tblVehicleEF	LHD1	9.7200e-003	0.01
tblVehicleEF	LHD1	2.3700e-004	2.2900e-004
tblVehicleEF	LHD1	4.5640e-003	0.18
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1350e-003	0.00
tblVehicleEF	LHD1	0.09	0.10
tblVehicleEF	LHD1	0.20	0.20
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	8.7000e-005	8.6000e-005
tblVehicleEF	LHD1	7.7560e-003	7.8230e-003
tblVehicleEF	LHD1	1.1600e-004	1.7600e-004
tblVehicleEF	LHD1	4.5640e-003	0.18
tblVehicleEF	LHD1	0.08	0.04
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.1350e-003	0.00
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.20	0.20
tblVehicleEF	LHD1	0.08	0.12
tblVehicleEF	LHD1	5.1490e-003	5.5230e-003
tblVehicleEF	LHD1	8.3840e-003	8.9940e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.19	0.20
tblVehicleEF	LHD1	0.76	0.96
tblVehicleEF	LHD1	1.16	2.30
tblVehicleEF	LHD1	8.94	8.82
tblVehicleEF	LHD1	794.13	800.51
tblVehicleEF	LHD1	11.96	18.30
tblVehicleEF	LHD1	0.06	0.05

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tblVehicleEF	LHD1	0.75	0.77
tblVehicleEF	LHD1	0.34	0.49
tblVehicleEF	LHD1	8.2500e-004	6.7600e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	9.7470e-003	9.4030e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	2.5800e-004	2.4900e-004
tblVehicleEF	LHD1	7.9000e-004	6.4700e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.4370e-003	2.3510e-003
tblVehicleEF	LHD1	9.7200e-003	0.01
tblVehicleEF	LHD1	2.3700e-004	2.2900e-004
tblVehicleEF	LHD1	1.0190e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	5.4100e-004	0.00
tblVehicleEF	LHD1	0.09	0.10
tblVehicleEF	LHD1	0.23	0.20
tblVehicleEF	LHD1	0.08	0.13
tblVehicleEF	LHD1	8.7000e-005	8.6000e-005
tblVehicleEF	LHD1	7.7550e-003	7.8220e-003
tblVehicleEF	LHD1	1.1800e-004	1.8100e-004
tblVehicleEF	LHD1	1.0190e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	5.4100e-004	0.00
tblVehicleEF	LHD1	0.11	0.12
tblVehicleEF	LHD1	0.23	0.20
tblVehicleEF	LHD1	0.09	0.14

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tblVehicleEF	LHD2	3.1550e-003	3.3000e-003
tblVehicleEF	LHD2	7.0600e-003	7.5700e-003
tblVehicleEF	LHD2	8.4310e-003	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.62	0.62
tblVehicleEF	LHD2	0.63	1.24
tblVehicleEF	LHD2	14.00	13.86
tblVehicleEF	LHD2	768.73	843.53
tblVehicleEF	LHD2	7.83	10.22
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	0.88	1.00
tblVehicleEF	LHD2	0.18	0.26
tblVehicleEF	LHD2	1.4230e-003	1.3530e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.3300e-004	1.1300e-004
tblVehicleEF	LHD2	1.3610e-003	1.2950e-003
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	2.6880e-003	2.6610e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2300e-004	1.0300e-004
tblVehicleEF	LHD2	1.0700e-003	0.07
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.4700e-004	0.00
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	0.04	0.07

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	LHD2	1.3400e-004	1.3300e-004
tblVehicleEF	LHD2	7.4240e-003	8.1320e-003
tblVehicleEF	LHD2	7.8000e-005	1.0100e-004
tblVehicleEF	LHD2	1.0700e-003	0.07
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.4700e-004	0.00
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	3.1630e-003	3.3140e-003
tblVehicleEF	LHD2	7.1390e-003	7.6530e-003
tblVehicleEF	LHD2	7.9700e-003	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.63	0.63
tblVehicleEF	LHD2	0.59	1.15
tblVehicleEF	LHD2	14.00	13.86
tblVehicleEF	LHD2	768.74	843.55
tblVehicleEF	LHD2	7.75	10.07
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	0.84	0.96
tblVehicleEF	LHD2	0.17	0.24
tblVehicleEF	LHD2	1.4230e-003	1.3530e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.3300e-004	1.1300e-004
tblVehicleEF	LHD2	1.3610e-003	1.2950e-003
tblVehicleEF	LHD2	0.04	0.03

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	LHD2	2.6880e-003	2.6610e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2300e-004	1.0300e-004
tblVehicleEF	LHD2	2.4210e-003	0.09
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.1370e-003	0.00
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3400e-004	1.3300e-004
tblVehicleEF	LHD2	7.4240e-003	8.1320e-003
tblVehicleEF	LHD2	7.7000e-005	1.0000e-004
tblVehicleEF	LHD2	2.4210e-003	0.09
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.1370e-003	0.00
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.1480e-003	3.2890e-003
tblVehicleEF	LHD2	6.9970e-003	7.5030e-003
tblVehicleEF	LHD2	8.8260e-003	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.62	0.61
tblVehicleEF	LHD2	0.67	1.32
tblVehicleEF	LHD2	14.00	13.86
tblVehicleEF	LHD2	768.72	843.51
tblVehicleEF	LHD2	7.91	10.37



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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	0.89	1.02
tblVehicleEF	LHD2	0.19	0.27
tblVehicleEF	LHD2	1.4230e-003	1.3530e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.3300e-004	1.1300e-004
tblVehicleEF	LHD2	1.3610e-003	1.2950e-003
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	2.6880e-003	2.6610e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.2300e-004	1.0300e-004
tblVehicleEF	LHD2	5.4300e-004	0.07
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.9000e-004	0.00
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.11	0.10
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	1.3400e-004	1.3300e-004
tblVehicleEF	LHD2	7.4240e-003	8.1320e-003
tblVehicleEF	LHD2	7.8000e-005	1.0200e-004
tblVehicleEF	LHD2	5.4300e-004	0.07
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.9000e-004	0.00
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.11	0.10

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	LHD2	0.05	0.08
tblVehicleEF	MCY	0.33	0.59
tblVehicleEF	MCY	0.26	0.19
tblVehicleEF	MCY	18.87	0.59
tblVehicleEF	MCY	9.03	8.05
tblVehicleEF	MCY	210.17	0.59
tblVehicleEF	MCY	61.04	49.60
tblVehicleEF	MCY	1.15	0.59
tblVehicleEF	MCY	0.27	0.14
tblVehicleEF	MCY	0.01	0.59
tblVehicleEF	MCY	4.0000e-003	0.59
tblVehicleEF	MCY	1.9690e-003	0.59
tblVehicleEF	MCY	3.0390e-003	3.6260e-003
tblVehicleEF	MCY	5.0400e-003	0.59
tblVehicleEF	MCY	1.0000e-003	0.59
tblVehicleEF	MCY	1.8400e-003	0.59
tblVehicleEF	MCY	2.8590e-003	3.4130e-003
tblVehicleEF	MCY	0.90	1.97
tblVehicleEF	MCY	0.69	3.56
tblVehicleEF	MCY	0.49	0.00
tblVehicleEF	MCY	2.21	0.59
tblVehicleEF	MCY	0.55	3.75
tblVehicleEF	MCY	1.94	1.39
tblVehicleEF	MCY	2.0800e-003	0.59
tblVehicleEF	MCY	6.0400e-004	4.9000e-004
tblVehicleEF	MCY	0.90	1.97
tblVehicleEF	MCY	0.69	3.56
tblVehicleEF	MCY	0.49	0.00
tblVehicleEF	MCY	2.74	0.59

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	MCY	0.55	3.75
tblVehicleEF	MCY	2.11	1.51
tblVehicleEF	MCY	0.32	0.52
tblVehicleEF	MCY	0.22	0.16
tblVehicleEF	MCY	18.20	0.52
tblVehicleEF	MCY	7.88	6.95
tblVehicleEF	MCY	208.84	0.52
tblVehicleEF	MCY	58.13	47.09
tblVehicleEF	MCY	1.01	0.52
tblVehicleEF	MCY	0.25	0.13
tblVehicleEF	MCY	0.01	0.52
tblVehicleEF	MCY	4.0000e-003	0.52
tblVehicleEF	MCY	1.9690e-003	0.52
tblVehicleEF	MCY	3.0390e-003	3.6260e-003
tblVehicleEF	MCY	5.0400e-003	0.52
tblVehicleEF	MCY	1.0000e-003	0.52
tblVehicleEF	MCY	1.8400e-003	0.52
tblVehicleEF	MCY	2.8590e-003	3.4130e-003
tblVehicleEF	MCY	2.33	3.13
tblVehicleEF	MCY	0.92	3.75
tblVehicleEF	MCY	1.33	0.00
tblVehicleEF	MCY	2.13	0.52
tblVehicleEF	MCY	0.51	3.78
tblVehicleEF	MCY	1.62	1.16
tblVehicleEF	MCY	2.0670e-003	0.52
tblVehicleEF	MCY	5.7500e-004	4.6500e-004
tblVehicleEF	MCY	2.33	3.13
tblVehicleEF	MCY	0.92	3.75
tblVehicleEF	MCY	1.33	0.00

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	MCY	2.65	0.52
tblVehicleEF	MCY	0.51	3.78
tblVehicleEF	MCY	1.76	1.26
tblVehicleEF	MCY	0.34	0.63
tblVehicleEF	MCY	0.29	0.21
tblVehicleEF	MCY	20.32	0.63
tblVehicleEF	MCY	10.36	9.25
tblVehicleEF	MCY	212.79	0.63
tblVehicleEF	MCY	64.19	52.25
tblVehicleEF	MCY	1.23	0.63
tblVehicleEF	MCY	0.29	0.15
tblVehicleEF	MCY	0.01	0.63
tblVehicleEF	MCY	4.0000e-003	0.63
tblVehicleEF	MCY	1.9690e-003	0.63
tblVehicleEF	MCY	3.0390e-003	3.6260e-003
tblVehicleEF	MCY	5.0400e-003	0.63
tblVehicleEF	MCY	1.0000e-003	0.63
tblVehicleEF	MCY	1.8400e-003	0.63
tblVehicleEF	MCY	2.8590e-003	3.4130e-003
tblVehicleEF	MCY	0.40	1.76
tblVehicleEF	MCY	0.82	3.33
tblVehicleEF	MCY	0.19	0.00
tblVehicleEF	MCY	2.30	0.63
tblVehicleEF	MCY	0.65	4.06
tblVehicleEF	MCY	2.26	1.62
tblVehicleEF	MCY	2.1060e-003	0.63
tblVehicleEF	MCY	6.3500e-004	5.1700e-004
tblVehicleEF	MCY	0.40	1.76
tblVehicleEF	MCY	0.82	3.33

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	MCY	0.19	0.00
tblVehicleEF	MCY	2.84	0.63
tblVehicleEF	MCY	0.65	4.06
tblVehicleEF	MCY	2.46	1.76
tblVehicleEF	MDV	3.9100e-003	4.2830e-003
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.87	1.04
tblVehicleEF	MDV	3.13	4.23
tblVehicleEF	MDV	383.28	420.63
tblVehicleEF	MDV	82.02	107.09
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.32	0.46
tblVehicleEF	MDV	0.04	9.0320e-003
tblVehicleEF	MDV	1.5100e-003	1.4540e-003
tblVehicleEF	MDV	1.9150e-003	2.2840e-003
tblVehicleEF	MDV	0.02	3.1610e-003
tblVehicleEF	MDV	1.3930e-003	1.3400e-003
tblVehicleEF	MDV	1.7610e-003	2.1000e-003
tblVehicleEF	MDV	0.07	0.36
tblVehicleEF	MDV	0.14	0.10
tblVehicleEF	MDV	0.07	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.28
tblVehicleEF	MDV	0.38	0.54
tblVehicleEF	MDV	3.7430e-003	4.1560e-003
tblVehicleEF	MDV	8.0200e-004	1.0590e-003
tblVehicleEF	MDV	0.07	0.36
tblVehicleEF	MDV	0.14	0.10
tblVehicleEF	MDV	0.07	0.00

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.06	0.28
tblVehicleEF	MDV	0.42	0.60
tblVehicleEF	MDV	4.3950e-003	4.5680e-003
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	1.01	1.37
tblVehicleEF	MDV	2.45	3.31
tblVehicleEF	MDV	402.58	443.31
tblVehicleEF	MDV	80.71	105.33
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	0.04	9.0320e-003
tblVehicleEF	MDV	1.5100e-003	1.4540e-003
tblVehicleEF	MDV	1.9150e-003	2.2840e-003
tblVehicleEF	MDV	0.02	3.1610e-003
tblVehicleEF	MDV	1.3930e-003	1.3400e-003
tblVehicleEF	MDV	1.7610e-003	2.1000e-003
tblVehicleEF	MDV	0.16	0.47
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.13	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.28
tblVehicleEF	MDV	0.32	0.45
tblVehicleEF	MDV	3.9310e-003	4.3800e-003
tblVehicleEF	MDV	7.8900e-004	1.0410e-003
tblVehicleEF	MDV	0.16	0.47
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.13	0.00
tblVehicleEF	MDV	0.03	0.03

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tblVehicleEF	MDV	0.06	0.28
tblVehicleEF	MDV	0.35	0.49
tblVehicleEF	MDV	3.7720e-003	4.1640e-003
tblVehicleEF	MDV	0.09	0.12
tblVehicleEF	MDV	0.85	1.00
tblVehicleEF	MDV	3.68	4.97
tblVehicleEF	MDV	380.12	416.91
tblVehicleEF	MDV	83.06	108.50
tblVehicleEF	MDV	0.09	0.13
tblVehicleEF	MDV	0.35	0.50
tblVehicleEF	MDV	0.04	9.0320e-003
tblVehicleEF	MDV	1.5100e-003	1.4540e-003
tblVehicleEF	MDV	1.9150e-003	2.2840e-003
tblVehicleEF	MDV	0.02	3.1610e-003
tblVehicleEF	MDV	1.3930e-003	1.3400e-003
tblVehicleEF	MDV	1.7610e-003	2.1000e-003
tblVehicleEF	MDV	0.04	0.34
tblVehicleEF	MDV	0.14	0.09
tblVehicleEF	MDV	0.03	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.08	0.28
tblVehicleEF	MDV	0.43	0.62
tblVehicleEF	MDV	3.7120e-003	4.1190e-003
tblVehicleEF	MDV	8.1200e-004	1.0730e-003
tblVehicleEF	MDV	0.04	0.34
tblVehicleEF	MDV	0.14	0.09
tblVehicleEF	MDV	0.03	0.00
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	0.08	0.28

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tblVehicleEF	MDV	0.47	0.67
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.11	1.61
tblVehicleEF	MH	2.13	2.63
tblVehicleEF	MH	1,532.75	1,694.25
tblVehicleEF	MH	18.68	23.10
tblVehicleEF	MH	1.36	1.59
tblVehicleEF	MH	0.25	0.30
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	2.7400e-004	3.3700e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2750e-003	3.2930e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	2.5200e-004	3.1000e-004
tblVehicleEF	MH	0.71	34.58
tblVehicleEF	MH	0.06	9.45
tblVehicleEF	MH	0.25	0.00
tblVehicleEF	MH	0.07	0.09
tblVehicleEF	MH	0.02	0.22
tblVehicleEF	MH	0.10	0.12
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.8500e-004	2.2800e-004
tblVehicleEF	MH	0.71	34.58
tblVehicleEF	MH	0.06	9.45
tblVehicleEF	MH	0.25	0.00
tblVehicleEF	MH	0.09	0.13



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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	MH	0.02	0.22
tblVehicleEF	MH	0.11	0.13
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.15	1.68
tblVehicleEF	MH	1.94	2.39
tblVehicleEF	MH	1,532.82	1,694.37
tblVehicleEF	MH	18.36	22.70
tblVehicleEF	MH	1.29	1.50
tblVehicleEF	MH	0.23	0.28
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	2.7400e-004	3.3700e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2750e-003	3.2930e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	2.5200e-004	3.1000e-004
tblVehicleEF	MH	1.59	46.53
tblVehicleEF	MH	0.06	10.34
tblVehicleEF	MH	0.52	0.00
tblVehicleEF	MH	0.07	0.10
tblVehicleEF	MH	0.02	0.23
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.8200e-004	2.2400e-004
tblVehicleEF	MH	1.59	46.53
tblVehicleEF	MH	0.06	10.34
tblVehicleEF	MH	0.52	0.00

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	MH	0.09	0.13
tblVehicleEF	MH	0.02	0.23
tblVehicleEF	MH	0.10	0.12
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.08	1.57
tblVehicleEF	MH	2.30	2.84
tblVehicleEF	MH	1,532.69	1,694.17
tblVehicleEF	MH	18.97	23.46
tblVehicleEF	MH	1.40	1.63
tblVehicleEF	MH	0.26	0.32
tblVehicleEF	MH	0.13	0.04
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	2.7400e-004	3.3700e-004
tblVehicleEF	MH	0.06	0.02
tblVehicleEF	MH	3.2750e-003	3.2930e-003
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	2.5200e-004	3.1000e-004
tblVehicleEF	MH	0.36	31.78
tblVehicleEF	MH	0.07	8.73
tblVehicleEF	MH	0.14	0.00
tblVehicleEF	MH	0.07	0.09
tblVehicleEF	MH	0.02	0.23
tblVehicleEF	MH	0.10	0.12
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.8800e-004	2.3200e-004
tblVehicleEF	MH	0.36	31.78
tblVehicleEF	MH	0.07	8.73

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	MH	0.14	0.00
tblVehicleEF	MH	0.09	0.12
tblVehicleEF	MH	0.02	0.23
tblVehicleEF	MH	0.11	0.14
tblVehicleEF	MHD	3.5450e-003	0.01
tblVehicleEF	MHD	1.9320e-003	9.9070e-003
tblVehicleEF	MHD	9.4870e-003	9.2450e-003
tblVehicleEF	MHD	0.39	0.67
tblVehicleEF	MHD	0.26	0.40
tblVehicleEF	MHD	1.14	1.15
tblVehicleEF	MHD	73.35	161.34
tblVehicleEF	MHD	1,095.06	1,239.60
tblVehicleEF	MHD	9.38	8.84
tblVehicleEF	MHD	0.43	0.92
tblVehicleEF	MHD	1.44	1.22
tblVehicleEF	MHD	1.70	1.40
tblVehicleEF	MHD	4.2700e-004	2.5420e-003
tblVehicleEF	MHD	0.13	0.05
tblVehicleEF	MHD	6.9550e-003	0.01
tblVehicleEF	MHD	1.1900e-004	1.1300e-004
tblVehicleEF	MHD	4.0900e-004	2.4310e-003
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	6.6480e-003	0.01
tblVehicleEF	MHD	1.1000e-004	1.0400e-004
tblVehicleEF	MHD	4.1700e-004	0.03
tblVehicleEF	MHD	0.02	6.9620e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	2.1100e-004	0.00
tblVehicleEF	MHD	0.02	0.04

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tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	6.9600e-004	1.5020e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	9.3000e-005	8.7000e-005
tblVehicleEF	MHD	4.1700e-004	0.03
tblVehicleEF	MHD	0.02	6.9620e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.1100e-004	0.00
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.3400e-003	0.01
tblVehicleEF	MHD	1.9850e-003	0.01
tblVehicleEF	MHD	8.9390e-003	8.7060e-003
tblVehicleEF	MHD	0.33	0.61
tblVehicleEF	MHD	0.27	0.41
tblVehicleEF	MHD	1.04	1.06
tblVehicleEF	MHD	73.48	160.68
tblVehicleEF	MHD	1,095.07	1,239.62
tblVehicleEF	MHD	9.22	8.68
tblVehicleEF	MHD	0.42	0.90
tblVehicleEF	MHD	1.39	1.17
tblVehicleEF	MHD	1.69	1.39
tblVehicleEF	MHD	3.6300e-004	2.1520e-003
tblVehicleEF	MHD	0.13	0.05
tblVehicleEF	MHD	6.9550e-003	0.01
tblVehicleEF	MHD	1.1900e-004	1.1300e-004
tblVehicleEF	MHD	3.4700e-004	2.0590e-003

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	6.6480e-003	0.01
tblVehicleEF	MHD	1.1000e-004	1.0400e-004
tblVehicleEF	MHD	9.6600e-004	0.04
tblVehicleEF	MHD	0.02	7.6160e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	4.5900e-004	0.00
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	6.9700e-004	1.4960e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	9.1000e-005	8.6000e-005
tblVehicleEF	MHD	9.6600e-004	0.04
tblVehicleEF	MHD	0.02	7.6160e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	4.5900e-004	0.00
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	3.7470e-003	0.01
tblVehicleEF	MHD	1.8900e-003	9.8350e-003
tblVehicleEF	MHD	9.9330e-003	9.6850e-003
tblVehicleEF	MHD	0.45	0.75
tblVehicleEF	MHD	0.26	0.40
tblVehicleEF	MHD	1.22	1.24
tblVehicleEF	MHD	73.31	162.34
tblVehicleEF	MHD	1,095.06	1,239.59
tblVehicleEF	MHD	9.52	8.98

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	MHD	0.44	0.95
tblVehicleEF	MHD	1.47	1.24
tblVehicleEF	MHD	1.70	1.40
tblVehicleEF	MHD	5.1500e-004	3.0800e-003
tblVehicleEF	MHD	0.13	0.05
tblVehicleEF	MHD	6.9550e-003	0.01
tblVehicleEF	MHD	1.1900e-004	1.1300e-004
tblVehicleEF	MHD	4.9300e-004	2.9460e-003
tblVehicleEF	MHD	0.06	0.02
tblVehicleEF	MHD	6.6480e-003	0.01
tblVehicleEF	MHD	1.1000e-004	1.0400e-004
tblVehicleEF	MHD	2.0700e-004	0.03
tblVehicleEF	MHD	0.02	6.4430e-003
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	1.0800e-004	0.00
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.05	0.06
tblVehicleEF	MHD	6.9500e-004	1.5120e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	9.4000e-005	8.9000e-005
tblVehicleEF	MHD	2.0700e-004	0.03
tblVehicleEF	MHD	0.02	6.4430e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	1.0800e-004	0.00
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	OBUS	7.0630e-003	7.4000e-003

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	OBUS	4.0130e-003	9.2780e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.57	0.51
tblVehicleEF	OBUS	0.47	0.57
tblVehicleEF	OBUS	1.90	2.06
tblVehicleEF	OBUS	91.93	84.55
tblVehicleEF	OBUS	1,341.74	1,407.27
tblVehicleEF	OBUS	15.48	16.14
tblVehicleEF	OBUS	0.37	0.36
tblVehicleEF	OBUS	1.44	1.03
tblVehicleEF	OBUS	1.09	0.96
tblVehicleEF	OBUS	1.2000e-004	4.3400e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	7.0290e-003	0.02
tblVehicleEF	OBUS	1.4200e-004	1.4500e-004
tblVehicleEF	OBUS	1.1500e-004	4.1500e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	6.7120e-003	0.02
tblVehicleEF	OBUS	1.3000e-004	1.3300e-004
tblVehicleEF	OBUS	1.0840e-003	0.07
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	4.8000e-004	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.04	0.08
tblVehicleEF	OBUS	0.09	0.10
tblVehicleEF	OBUS	8.7300e-004	8.0100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.5300e-004	1.6000e-004

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	OBUS	1.0840e-003	0.07
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.05
tblVehicleEF	OBUS	4.8000e-004	0.00
tblVehicleEF	OBUS	0.03	0.07
tblVehicleEF	OBUS	0.04	0.08
tblVehicleEF	OBUS	0.10	0.11
tblVehicleEF	OBUS	7.1510e-003	7.4730e-003
tblVehicleEF	OBUS	4.1370e-003	9.4180e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.57	0.50
tblVehicleEF	OBUS	0.48	0.58
tblVehicleEF	OBUS	1.73	1.88
tblVehicleEF	OBUS	90.82	83.66
tblVehicleEF	OBUS	1,341.76	1,407.30
tblVehicleEF	OBUS	15.19	15.83
tblVehicleEF	OBUS	0.35	0.34
tblVehicleEF	OBUS	1.38	0.99
tblVehicleEF	OBUS	1.08	0.95
tblVehicleEF	OBUS	1.0700e-004	3.7100e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	7.0290e-003	0.02
tblVehicleEF	OBUS	1.4200e-004	1.4500e-004
tblVehicleEF	OBUS	1.0200e-004	3.5500e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	6.7120e-003	0.02
tblVehicleEF	OBUS	1.3000e-004	1.3300e-004
tblVehicleEF	OBUS	2.3810e-003	0.09
tblVehicleEF	OBUS	0.02	0.02



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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	9.8300e-004	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.04	0.08
tblVehicleEF	OBUS	0.08	0.09
tblVehicleEF	OBUS	8.6300e-004	7.9200e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.5000e-004	1.5600e-004
tblVehicleEF	OBUS	2.3810e-003	0.09
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.05
tblVehicleEF	OBUS	9.8300e-004	0.00
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	0.04	0.08
tblVehicleEF	OBUS	0.09	0.10
tblVehicleEF	OBUS	6.9550e-003	7.3110e-003
tblVehicleEF	OBUS	3.9160e-003	9.1710e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.58	0.52
tblVehicleEF	OBUS	0.46	0.56
tblVehicleEF	OBUS	2.04	2.22
tblVehicleEF	OBUS	93.46	85.76
tblVehicleEF	OBUS	1,341.72	1,407.25
tblVehicleEF	OBUS	15.73	16.41
tblVehicleEF	OBUS	0.39	0.38
tblVehicleEF	OBUS	1.47	1.06
tblVehicleEF	OBUS	1.10	0.97
tblVehicleEF	OBUS	1.3900e-004	5.2100e-004
tblVehicleEF	OBUS	0.13	0.05

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	OBUS	7.0290e-003	0.02
tblVehicleEF	OBUS	1.4200e-004	1.4500e-004
tblVehicleEF	OBUS	1.3300e-004	4.9800e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	6.7120e-003	0.02
tblVehicleEF	OBUS	1.3000e-004	1.3300e-004
tblVehicleEF	OBUS	5.9500e-004	0.07
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.7600e-004	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.04	0.08
tblVehicleEF	OBUS	0.10	0.10
tblVehicleEF	OBUS	8.8800e-004	8.1200e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.5600e-004	1.6200e-004
tblVehicleEF	OBUS	5.9500e-004	0.07
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.05
tblVehicleEF	OBUS	2.7600e-004	0.00
tblVehicleEF	OBUS	0.03	0.07
tblVehicleEF	OBUS	0.04	0.08
tblVehicleEF	OBUS	0.10	0.11
tblVehicleEF	SBUS	0.05	0.07
tblVehicleEF	SBUS	6.3560e-003	0.09
tblVehicleEF	SBUS	4.7830e-003	4.6890e-003
tblVehicleEF	SBUS	2.18	1.62
tblVehicleEF	SBUS	0.52	0.91
tblVehicleEF	SBUS	0.70	0.66

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	SBUS	347.39	189.53
tblVehicleEF	SBUS	1,060.99	1,037.35
tblVehicleEF	SBUS	3.98	3.67
tblVehicleEF	SBUS	3.53	1.43
tblVehicleEF	SBUS	4.87	2.74
tblVehicleEF	SBUS	0.81	0.47
tblVehicleEF	SBUS	3.9050e-003	1.4150e-003
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	4.6000e-005	3.8000e-005
tblVehicleEF	SBUS	3.7360e-003	1.3530e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7270e-003	2.6580e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	4.2000e-005	3.5000e-005
tblVehicleEF	SBUS	5.3700e-004	0.02
tblVehicleEF	SBUS	5.2210e-003	7.0230e-003
tblVehicleEF	SBUS	0.24	0.18
tblVehicleEF	SBUS	2.2700e-004	0.00
tblVehicleEF	SBUS	0.09	0.06
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	3.3060e-003	1.7270e-003
tblVehicleEF	SBUS	0.01	9.6440e-003
tblVehicleEF	SBUS	3.9000e-005	3.6000e-005
tblVehicleEF	SBUS	5.3700e-004	0.02
tblVehicleEF	SBUS	5.2210e-003	7.0230e-003
tblVehicleEF	SBUS	0.35	0.29

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tblVehicleEF	SBUS	2.2700e-004	0.00
tblVehicleEF	SBUS	0.10	0.16
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.05	0.07
tblVehicleEF	SBUS	6.4560e-003	0.09
tblVehicleEF	SBUS	4.0210e-003	3.9430e-003
tblVehicleEF	SBUS	2.14	1.60
tblVehicleEF	SBUS	0.53	0.92
tblVehicleEF	SBUS	0.51	0.49
tblVehicleEF	SBUS	356.82	192.57
tblVehicleEF	SBUS	1,061.01	1,037.38
tblVehicleEF	SBUS	3.67	3.38
tblVehicleEF	SBUS	3.61	1.45
tblVehicleEF	SBUS	4.68	2.63
tblVehicleEF	SBUS	0.81	0.46
tblVehicleEF	SBUS	3.2990e-003	1.2020e-003
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	4.6000e-005	3.8000e-005
tblVehicleEF	SBUS	3.1560e-003	1.1490e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7270e-003	2.6580e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	4.2000e-005	3.5000e-005
tblVehicleEF	SBUS	1.2030e-003	0.04
tblVehicleEF	SBUS	5.4570e-003	7.5640e-003
tblVehicleEF	SBUS	0.24	0.18

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	SBUS	4.7900e-004	0.00
tblVehicleEF	SBUS	0.09	0.06
tblVehicleEF	SBUS	8.6770e-003	0.02
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	3.3950e-003	1.7560e-003
tblVehicleEF	SBUS	0.01	9.6440e-003
tblVehicleEF	SBUS	3.6000e-005	3.3000e-005
tblVehicleEF	SBUS	1.2030e-003	0.04
tblVehicleEF	SBUS	5.4570e-003	7.5640e-003
tblVehicleEF	SBUS	0.34	0.29
tblVehicleEF	SBUS	4.7900e-004	0.00
tblVehicleEF	SBUS	0.10	0.16
tblVehicleEF	SBUS	8.6770e-003	0.02
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.05	0.07
tblVehicleEF	SBUS	6.2770e-003	0.09
tblVehicleEF	SBUS	5.4680e-003	5.3590e-003
tblVehicleEF	SBUS	2.23	1.64
tblVehicleEF	SBUS	0.51	0.90
tblVehicleEF	SBUS	0.89	0.84
tblVehicleEF	SBUS	334.38	185.33
tblVehicleEF	SBUS	1,060.98	1,037.33
tblVehicleEF	SBUS	4.29	3.97
tblVehicleEF	SBUS	3.41	1.40
tblVehicleEF	SBUS	4.96	2.80
tblVehicleEF	SBUS	0.81	0.47
tblVehicleEF	SBUS	4.7410e-003	1.7090e-003
tblVehicleEF	SBUS	0.74	0.04
tblVehicleEF	SBUS	0.01	0.01

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	4.6000e-005	3.8000e-005
tblVehicleEF	SBUS	4.5350e-003	1.6350e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7270e-003	2.6580e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	4.2000e-005	3.5000e-005
tblVehicleEF	SBUS	2.8900e-004	0.02
tblVehicleEF	SBUS	5.3220e-003	6.5240e-003
tblVehicleEF	SBUS	0.24	0.18
tblVehicleEF	SBUS	1.2900e-004	0.00
tblVehicleEF	SBUS	0.09	0.06
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	3.1830e-003	1.6870e-003
tblVehicleEF	SBUS	0.01	9.6440e-003
tblVehicleEF	SBUS	4.2000e-005	3.9000e-005
tblVehicleEF	SBUS	2.8900e-004	0.02
tblVehicleEF	SBUS	5.3220e-003	6.5240e-003
tblVehicleEF	SBUS	0.35	0.29
tblVehicleEF	SBUS	1.2900e-004	0.00
tblVehicleEF	SBUS	0.10	0.16
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	UBUS	1.35	0.35
tblVehicleEF	UBUS	1.4170e-003	3.6170e-003
tblVehicleEF	UBUS	10.12	4.15
tblVehicleEF	UBUS	0.14	0.53
tblVehicleEF	UBUS	1,597.13	1,099.26

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	UBUS	1.39	3.19
tblVehicleEF	UBUS	0.73	0.33
tblVehicleEF	UBUS	0.01	0.04
tblVehicleEF	UBUS	0.07	0.11
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	5.3280e-003	6.2360e-003
tblVehicleEF	UBUS	1.5000e-005	1.2000e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	8.3320e-003	7.7770e-003
tblVehicleEF	UBUS	5.0960e-003	5.9630e-003
tblVehicleEF	UBUS	1.4000e-005	1.1000e-005
tblVehicleEF	UBUS	1.9000e-005	9.9020e-003
tblVehicleEF	UBUS	1.3300e-004	3.3070e-003
tblVehicleEF	UBUS	8.0000e-006	0.00
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	2.1000e-005	7.9870e-003
tblVehicleEF	UBUS	5.8830e-003	0.01
tblVehicleEF	UBUS	0.01	9.4340e-003
tblVehicleEF	UBUS	1.4000e-005	3.2000e-005
tblVehicleEF	UBUS	1.9000e-005	9.9020e-003
tblVehicleEF	UBUS	1.3300e-004	3.3070e-003
tblVehicleEF	UBUS	8.0000e-006	0.00
tblVehicleEF	UBUS	1.38	0.42
tblVehicleEF	UBUS	2.1000e-005	7.9870e-003
tblVehicleEF	UBUS	6.4410e-003	0.01
tblVehicleEF	UBUS	1.35	0.35
tblVehicleEF	UBUS	1.2560e-003	3.2650e-003
tblVehicleEF	UBUS	10.12	4.15
tblVehicleEF	UBUS	0.11	0.45

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	UBUS	1,597.13	1,099.26
tblVehicleEF	UBUS	1.35	3.06
tblVehicleEF	UBUS	0.73	0.33
tblVehicleEF	UBUS	9.3550e-003	0.04
tblVehicleEF	UBUS	0.07	0.11
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	5.3280e-003	6.2360e-003
tblVehicleEF	UBUS	1.5000e-005	1.2000e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	8.3320e-003	7.7770e-003
tblVehicleEF	UBUS	5.0960e-003	5.9630e-003
tblVehicleEF	UBUS	1.4000e-005	1.1000e-005
tblVehicleEF	UBUS	5.1000e-005	0.02
tblVehicleEF	UBUS	2.1300e-004	3.6270e-003
tblVehicleEF	UBUS	2.6000e-005	0.00
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	1.9000e-005	8.2620e-003
tblVehicleEF	UBUS	5.2050e-003	0.01
tblVehicleEF	UBUS	0.01	9.4340e-003
tblVehicleEF	UBUS	1.3000e-005	3.0000e-005
tblVehicleEF	UBUS	5.1000e-005	0.02
tblVehicleEF	UBUS	2.1300e-004	3.6270e-003
tblVehicleEF	UBUS	2.6000e-005	0.00
tblVehicleEF	UBUS	1.38	0.42
tblVehicleEF	UBUS	1.9000e-005	8.2620e-003
tblVehicleEF	UBUS	5.6990e-003	0.01
tblVehicleEF	UBUS	1.35	0.35
tblVehicleEF	UBUS	1.5530e-003	3.9220e-003
tblVehicleEF	UBUS	10.12	4.15



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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tblVehicleEF	UBUS	0.16	0.61
tblVehicleEF	UBUS	1,597.13	1,099.26
tblVehicleEF	UBUS	1.43	3.33
tblVehicleEF	UBUS	0.73	0.33
tblVehicleEF	UBUS	0.01	0.04
tblVehicleEF	UBUS	0.07	0.11
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	5.3280e-003	6.2360e-003
tblVehicleEF	UBUS	1.5000e-005	1.2000e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	8.3320e-003	7.7770e-003
tblVehicleEF	UBUS	5.0960e-003	5.9630e-003
tblVehicleEF	UBUS	1.4000e-005	1.1000e-005
tblVehicleEF	UBUS	9.0000e-006	8.9560e-003
tblVehicleEF	UBUS	1.6000e-004	3.0520e-003
tblVehicleEF	UBUS	3.0000e-006	0.00
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	2.7000e-005	8.2740e-003
tblVehicleEF	UBUS	6.4540e-003	0.01
tblVehicleEF	UBUS	0.01	9.4340e-003
tblVehicleEF	UBUS	1.4000e-005	3.3000e-005
tblVehicleEF	UBUS	9.0000e-006	8.9560e-003
tblVehicleEF	UBUS	1.6000e-004	3.0520e-003
tblVehicleEF	UBUS	3.0000e-006	0.00
tblVehicleEF	UBUS	1.38	0.42
tblVehicleEF	UBUS	2.7000e-005	8.2740e-003
tblVehicleEF	UBUS	7.0670e-003	0.02
tblVehicleTrips	CNW_TL	7.30	40.00
tblVehicleTrips	CNW_TTP	0.00	100.00

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

tb\VehicleTrips	CNW_TTP	41.00	0.00
tb\VehicleTrips	CW_TL	9.50	13.54
tb\VehicleTrips	CW_TTP	59.00	100.00
tb\VehicleTrips	DV_TP	28.00	0.00
tb\VehicleTrips	DV_TP	5.00	0.00
tb\VehicleTrips	PB_TP	6.00	0.00
tb\VehicleTrips	PB_TP	3.00	0.00
tb\VehicleTrips	PR_TP	66.00	0.00
tb\VehicleTrips	PR_TP	0.00	100.00
tb\VehicleTrips	PR_TP	92.00	100.00
tb\VehicleTrips	ST_TR	1.96	0.00
tb\VehicleTrips	ST_TR	0.00	0.32
tb\VehicleTrips	ST_TR	1.74	6.74
tb\VehicleTrips	SU_TR	2.19	0.00
tb\VehicleTrips	SU_TR	0.00	0.32
tb\VehicleTrips	SU_TR	1.74	6.74
tb\VehicleTrips	WD_TR	0.78	0.00
tb\VehicleTrips	WD_TR	0.00	0.32
tb\VehicleTrips	WD_TR	1.74	6.74

**2.0 Emissions Summary**

**2.1 Overall Construction**

**Unmitigated Construction**

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

2022	1.4347	3.1085	2.9100	8.1600e-003	0.8063	0.1219	0.9282	0.2232	0.1140	0.3372	0.0000	747.6908	747.6908	0.1016	0.0452	763.6925
2023	0.5617	0.0231	0.0502	1.1000e-004	7.2000e-003	1.2000e-003	8.4000e-003	1.9100e-003	1.2000e-003	3.1200e-003	0.0000	9.7609	9.7609	4.1000e-004	1.5000e-004	9.8167
<b>Maximum</b>	<b>1.4347</b>	<b>3.1085</b>	<b>2.9100</b>	<b>8.1600e-003</b>	<b>0.8063</b>	<b>0.1219</b>	<b>0.9282</b>	<b>0.2232</b>	<b>0.1140</b>	<b>0.3372</b>	<b>0.0000</b>	<b>747.6908</b>	<b>747.6908</b>	<b>0.1016</b>	<b>0.0452</b>	<b>763.6925</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	1.2629	1.1211	3.1258	8.1600e-003	0.4823	0.0213	0.5036	0.1331	0.0209	0.1540	0.0000	747.6904	747.6904	0.1016	0.0452	763.6921
2023	0.5617	0.0231	0.0502	1.1000e-004	6.8200e-003	1.2000e-003	8.0300e-003	1.8200e-003	1.2000e-003	3.0200e-003	0.0000	9.7609	9.7609	4.1000e-004	1.5000e-004	9.8167
<b>Maximum</b>	<b>1.2629</b>	<b>1.1211</b>	<b>3.1258</b>	<b>8.1600e-003</b>	<b>0.4823</b>	<b>0.0213</b>	<b>0.5036</b>	<b>0.1331</b>	<b>0.0209</b>	<b>0.1540</b>	<b>0.0000</b>	<b>747.6904</b>	<b>747.6904</b>	<b>0.1016</b>	<b>0.0452</b>	<b>763.6921</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>8.61</b>	<b>63.46</b>	<b>-7.29</b>	<b>0.00</b>	<b>39.88</b>	<b>81.70</b>	<b>45.38</b>	<b>40.06</b>	<b>80.79</b>	<b>53.85</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-15-2022	5-14-2022	1.4275	0.4044
2	5-15-2022	8-14-2022	0.7170	0.2822
3	8-15-2022	11-14-2022	1.3891	0.9269
4	11-15-2022	2-14-2023	1.5797	1.3486
5	2-15-2023	5-14-2023	0.0127	0.0127
		<b>Highest</b>	<b>1.5797</b>	<b>1.3486</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**2.2 Overall Operational  
Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3709	5.0000e-005	6.0300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0117	0.0117	3.0000e-005	0.0000	0.0125
Energy	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003	0.0000	164.9988	164.9988	0.0188	3.1600e-003	166.4110
Mobile	1.5293	4.7856	13.5131	0.2186	4.4169	0.2252	4.6422	1.3511	0.2218	1.5729	0.0000	5,664.8053	5,664.8053	0.3815	0.4296	5,802.3504
Waste						0.0000	0.0000		0.0000	0.0000	57.8159	0.0000	57.8159	3.4168	0.0000	143.2364
Water						0.0000	0.0000		0.0000	0.0000	22.2127	36.0562	58.2689	2.2873	0.0546	131.7152
<b>Total</b>	<b>2.9059</b>	<b>4.8367</b>	<b>13.5620</b>	<b>0.2190</b>	<b>4.4169</b>	<b>0.2291</b>	<b>4.6461</b>	<b>1.3511</b>	<b>0.2257</b>	<b>1.5768</b>	<b>80.0286</b>	<b>5,865.8720</b>	<b>5,945.9006</b>	<b>6.1044</b>	<b>0.4873</b>	<b>6,243.7255</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3709	5.0000e-005	6.0300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0117	0.0117	3.0000e-005	0.0000	0.0125
Energy	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003	0.0000	164.9988	164.9988	0.0188	3.1600e-003	166.4110
Mobile	1.5293	4.7856	13.5131	0.2186	4.4169	0.2252	4.6422	1.3511	0.2218	1.5729	0.0000	5,664.8053	5,664.8053	0.3815	0.4296	5,802.3504

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Waste						0.0000	0.0000		0.0000	0.0000	28.9079	0.0000	28.9079	1.7084	0.0000	71.6182
Water						0.0000	0.0000		0.0000	0.0000	22.2127	36.0562	58.2689	2.2873	0.0546	131.7152
<b>Total</b>	<b>2.9059</b>	<b>4.8367</b>	<b>13.5620</b>	<b>0.2190</b>	<b>4.4169</b>	<b>0.2291</b>	<b>4.6461</b>	<b>1.3511</b>	<b>0.2257</b>	<b>1.5768</b>	<b>51.1207</b>	<b>5,865.8720</b>	<b>5,916.9927</b>	<b>4.3960</b>	<b>0.4873</b>	<b>6,172.1073</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.12	0.00	0.49	27.99	0.00	1.15

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/15/2022	3/14/2022	5	20	
2	Site Preparation	Site Preparation	3/15/2022	3/28/2022	5	10	
3	Grading	Grading	3/29/2022	5/9/2022	5	30	
4	Paving	Paving	5/10/2022	6/6/2022	5	20	
5	Building Construction	Building Construction	6/7/2022	12/30/2022	5	149	
6	Architectural Coating	Architectural Coating	10/1/2022	2/15/2023	5	98	

**Acres of Grading (Site Preparation Phase): 15**

**Acres of Grading (Grading Phase): 90**

**Acres of Paving: 8.06**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 454,163; Non-Residential Outdoor: 151,388; Striped Parking Area: 21,065**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	2,838.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	494.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	275.00	107.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	55.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Demolition - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3071	0.0000	0.3071	0.0465	0.0000	0.0465	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0264	0.2572	0.2059	3.9000e-004		0.0124	0.0124		0.0116	0.0116	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289
<b>Total</b>	<b>0.0264</b>	<b>0.2572</b>	<b>0.2059</b>	<b>3.9000e-004</b>	<b>0.3071</b>	<b>0.0124</b>	<b>0.3195</b>	<b>0.0465</b>	<b>0.0116</b>	<b>0.0580</b>	<b>0.0000</b>	<b>33.9902</b>	<b>33.9902</b>	<b>9.5500e-003</b>	<b>0.0000</b>	<b>34.2289</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.7100e-003	0.2457	0.0516	9.0000e-004	0.0241	2.2100e-003	0.0263	6.6200e-003	2.1200e-003	8.7400e-003	0.0000	89.3117	89.3117	3.0700e-003	0.0142	93.6064





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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Worker	4.0000e-004	2.9000e-004	3.6200e-003	1.0000e-005	1.1300e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.9407	0.9407	3.0000e-005	3.0000e-005	0.9495
<b>Total</b>	<b>7.1100e-003</b>	<b>0.2460</b>	<b>0.0552</b>	<b>9.1000e-004</b>	<b>0.0241</b>	<b>2.2200e-003</b>	<b>0.0263</b>	<b>6.6600e-003</b>	<b>2.1300e-003</b>	<b>8.7800e-003</b>	<b>0.0000</b>	<b>90.2524</b>	<b>90.2524</b>	<b>3.1000e-003</b>	<b>0.0142</b>	<b>94.5559</b>

**3.3 Site Preparation - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0159	0.1654	0.0985	1.9000e-004		8.0600e-003	8.0600e-003		7.4200e-003	7.4200e-003	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549
<b>Total</b>	<b>0.0159</b>	<b>0.1654</b>	<b>0.0985</b>	<b>1.9000e-004</b>	<b>0.0983</b>	<b>8.0600e-003</b>	<b>0.1064</b>	<b>0.0505</b>	<b>7.4200e-003</b>	<b>0.0579</b>	<b>0.0000</b>	<b>16.7197</b>	<b>16.7197</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8549</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	1.8000e-004	2.1700e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5644	0.5644	2.0000e-005	2.0000e-005	0.5697

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

<b>Total</b>	<b>2.4000e-004</b>	<b>1.8000e-004</b>	<b>2.1700e-003</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>7.2000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>0.5644</b>	<b>0.5644</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.5697</b>
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**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0420	0.0000	0.0420	0.0216	0.0000	0.0216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3300e-003	0.0101	0.1043	1.9000e-004		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549
<b>Total</b>	<b>2.3300e-003</b>	<b>0.0101</b>	<b>0.1043</b>	<b>1.9000e-004</b>	<b>0.0420</b>	<b>3.1000e-004</b>	<b>0.0423</b>	<b>0.0216</b>	<b>3.1000e-004</b>	<b>0.0219</b>	<b>0.0000</b>	<b>16.7197</b>	<b>16.7197</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8549</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	1.8000e-004	2.1700e-003	1.0000e-005	6.8000e-004	0.0000	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5644	0.5644	2.0000e-005	2.0000e-005	0.5697
<b>Total</b>	<b>2.4000e-004</b>	<b>1.8000e-004</b>	<b>2.1700e-003</b>	<b>1.0000e-005</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>6.8000e-004</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>0.5644</b>	<b>0.5644</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.5697</b>

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1381	0.0000	0.1381	0.0548	0.0000	0.0548	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0544	0.5827	0.4356	9.3000e-004		0.0245	0.0245		0.0226	0.0226	0.0000	81.8019	81.8019	0.0265	0.0000	82.4633
<b>Total</b>	<b>0.0544</b>	<b>0.5827</b>	<b>0.4356</b>	<b>9.3000e-004</b>	<b>0.1381</b>	<b>0.0245</b>	<b>0.1626</b>	<b>0.0548</b>	<b>0.0226</b>	<b>0.0774</b>	<b>0.0000</b>	<b>81.8019</b>	<b>81.8019</b>	<b>0.0265</b>	<b>0.0000</b>	<b>82.4633</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1700e-003	0.0428	8.9800e-003	1.6000e-004	14.1900e-003	3.9000e-004	4.5800e-003	1.1500e-003	3.7000e-004	1.5200e-003	0.0000	15.5462	15.5462	5.3000e-004	2.4600e-003	16.2937
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-004	5.9000e-004	7.2400e-003	2.0000e-005	2.3800e-003	1.0000e-005	2.3900e-003	6.3000e-004	1.0000e-005	6.4000e-004	0.0000	1.8814	1.8814	6.0000e-005	5.0000e-005	1.8991
<b>Total</b>	<b>1.9700e-003</b>	<b>0.0434</b>	<b>0.0162</b>	<b>1.8000e-004</b>	<b>6.5700e-003</b>	<b>4.0000e-004</b>	<b>6.9700e-003</b>	<b>1.7800e-003</b>	<b>3.8000e-004</b>	<b>2.1600e-003</b>	<b>0.0000</b>	<b>17.4276</b>	<b>17.4276</b>	<b>5.9000e-004</b>	<b>2.5100e-003</b>	<b>18.1928</b>

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0590	0.0000	0.0590	0.0234	0.0000	0.0234	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0114	0.0495	0.4950	9.3000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	81.8018	81.8018	0.0265	0.0000	82.4632
<b>Total</b>	<b>0.0114</b>	<b>0.0495</b>	<b>0.4950</b>	<b>9.3000e-004</b>	<b>0.0590</b>	<b>1.5200e-003</b>	<b>0.0605</b>	<b>0.0234</b>	<b>1.5200e-003</b>	<b>0.0250</b>	<b>0.0000</b>	<b>81.8018</b>	<b>81.8018</b>	<b>0.0265</b>	<b>0.0000</b>	<b>82.4632</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1700e-003	0.0428	8.9800e-003	1.6000e-004	4.0000e-003	3.9000e-004	4.3900e-003	1.1100e-003	3.7000e-004	1.4700e-003	0.0000	15.5462	15.5462	5.3000e-004	2.4600e-003	16.2937
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-004	5.9000e-004	7.2400e-003	2.0000e-005	2.2600e-003	1.0000e-005	2.2700e-003	6.0000e-004	1.0000e-005	6.1000e-004	0.0000	1.8814	1.8814	6.0000e-005	5.0000e-005	1.8991
<b>Total</b>	<b>1.9700e-003</b>	<b>0.0434</b>	<b>0.0162</b>	<b>1.8000e-004</b>	<b>6.2600e-003</b>	<b>4.0000e-004</b>	<b>6.6600e-003</b>	<b>1.7100e-003</b>	<b>3.8000e-004</b>	<b>2.0800e-003</b>	<b>0.0000</b>	<b>17.4276</b>	<b>17.4276</b>	<b>5.9000e-004</b>	<b>2.5100e-003</b>	<b>18.1928</b>

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895
Paving	0.0106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0216</b>	<b>0.1113</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.6800e-003</b>	<b>5.6800e-003</b>		<b>5.2200e-003</b>	<b>5.2200e-003</b>	<b>0.0000</b>	<b>20.0276</b>	<b>20.0276</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1895</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.9000e-004	3.6200e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9407	0.9407	3.0000e-005	3.0000e-005	0.9495
<b>Total</b>	<b>4.0000e-004</b>	<b>2.9000e-004</b>	<b>3.6200e-003</b>	<b>1.0000e-005</b>	<b>1.1900e-003</b>	<b>1.0000e-005</b>	<b>1.2000e-003</b>	<b>3.2000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>0.9407</b>	<b>0.9407</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.9495</b>

**Mitigated Construction On-Site**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8000e-003	0.0122	0.1730	2.3000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895
Paving	0.0106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0134</b>	<b>0.0122</b>	<b>0.1730</b>	<b>2.3000e-004</b>		<b>3.7000e-004</b>	<b>3.7000e-004</b>		<b>3.7000e-004</b>	<b>3.7000e-004</b>	<b>0.0000</b>	<b>20.0275</b>	<b>20.0275</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1895</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	2.9000e-004	3.6200e-003	1.0000e-005	1.1300e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.9407	0.9407	3.0000e-005	3.0000e-005	0.9495
<b>Total</b>	<b>4.0000e-004</b>	<b>2.9000e-004</b>	<b>3.6200e-003</b>	<b>1.0000e-005</b>	<b>1.1300e-003</b>	<b>1.0000e-005</b>	<b>1.1300e-003</b>	<b>3.0000e-004</b>	<b>1.0000e-005</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>0.9407</b>	<b>0.9407</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.9495</b>

**3.6 Building Construction - 2022**

**Unmitigated Construction On-Site**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1271	1.1634	1.2191	2.0100e-003		0.0603	0.0603		0.0567	0.0567	0.0000	172.6353	172.6353	0.0414	0.0000	173.6693
<b>Total</b>	<b>0.1271</b>	<b>1.1634</b>	<b>1.2191</b>	<b>2.0100e-003</b>		<b>0.0603</b>	<b>0.0603</b>		<b>0.0567</b>	<b>0.0567</b>	<b>0.0000</b>	<b>172.6353</b>	<b>172.6353</b>	<b>0.0414</b>	<b>0.0000</b>	<b>173.6693</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0176	0.4494	0.1314	1.7000e-003	0.0525	4.7100e-003	0.0572	0.0152	4.5100e-003	0.0197	0.0000	165.3391	165.3391	3.7400e-003	0.0244	172.7026
Worker	0.0549	0.0402	0.4944	1.3900e-003	0.1625	8.5000e-004	0.1633	0.0432	7.8000e-004	0.0440	0.0000	128.4838	128.4838	3.9400e-003	3.7100e-003	129.6893
<b>Total</b>	<b>0.0725</b>	<b>0.4896</b>	<b>0.6258</b>	<b>3.0900e-003</b>	<b>0.2150</b>	<b>5.5600e-003</b>	<b>0.2205</b>	<b>0.0584</b>	<b>5.2900e-003</b>	<b>0.0637</b>	<b>0.0000</b>	<b>293.8229</b>	<b>293.8229</b>	<b>7.6800e-003</b>	<b>0.0281</b>	<b>302.3919</b>

**Mitigated Construction On-Site**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0418	0.2007	1.3156	2.0100e-003		7.5800e-003	7.5800e-003		7.5800e-003	7.5800e-003	0.0000	172.6351	172.6351	0.0414	0.0000	173.6691
<b>Total</b>	<b>0.0418</b>	<b>0.2007</b>	<b>1.3156</b>	<b>2.0100e-003</b>		<b>7.5800e-003</b>	<b>7.5800e-003</b>		<b>7.5800e-003</b>	<b>7.5800e-003</b>	<b>0.0000</b>	<b>172.6351</b>	<b>172.6351</b>	<b>0.0414</b>	<b>0.0000</b>	<b>173.6691</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0176	0.4494	0.1314	1.7000e-003	0.0503	4.7100e-003	0.0550	0.0146	4.5100e-003	0.0191	0.0000	165.3391	165.3391	3.7400e-003	0.0244	172.7026
Worker	0.0549	0.0402	0.4944	1.3900e-003	0.1541	8.5000e-004	0.1549	0.0412	7.8000e-004	0.0419	0.0000	128.4838	128.4838	3.9400e-003	3.7100e-003	129.6893
<b>Total</b>	<b>0.0725</b>	<b>0.4896</b>	<b>0.6258</b>	<b>3.0900e-003</b>	<b>0.2043</b>	<b>5.5600e-003</b>	<b>0.2099</b>	<b>0.0558</b>	<b>5.2900e-003</b>	<b>0.0611</b>	<b>0.0000</b>	<b>293.8229</b>	<b>293.8229</b>	<b>7.6800e-003</b>	<b>0.0281</b>	<b>302.3919</b>

**3.7 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Category	tons/yr									MT/yr						
Archit. Coating	1.0957					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	6.6500e-003	0.0458	0.0589	1.0000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	8.2981	8.2981	5.4000e-004	0.0000	8.3116
<b>Total</b>	<b>1.1024</b>	<b>0.0458</b>	<b>0.0589</b>	<b>1.0000e-004</b>		<b>2.6600e-003</b>	<b>2.6600e-003</b>		<b>2.6600e-003</b>	<b>2.6600e-003</b>	<b>0.0000</b>	<b>8.2981</b>	<b>8.2981</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>8.3116</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7900e-003	3.5100e-003	0.0431	1.2000e-004	0.0142	7.0000e-005	0.0143	3.7700e-003	7.0000e-005	3.8400e-003	0.0000	11.2100	11.2100	3.4000e-004	3.2000e-004	11.3152
<b>Total</b>	<b>4.7900e-003</b>	<b>3.5100e-003</b>	<b>0.0431</b>	<b>1.2000e-004</b>	<b>0.0142</b>	<b>7.0000e-005</b>	<b>0.0143</b>	<b>3.7700e-003</b>	<b>7.0000e-005</b>	<b>3.8400e-003</b>	<b>0.0000</b>	<b>11.2100</b>	<b>11.2100</b>	<b>3.4000e-004</b>	<b>3.2000e-004</b>	<b>11.3152</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					



Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Off-Road	3.1600e-003	0.0215	0.0299	5.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003	0.0000	4.2129	4.2129	2.5000e-004	0.0000	4.2192
<b>Total</b>	<b>0.5595</b>	<b>0.0215</b>	<b>0.0299</b>	<b>5.0000e-005</b>		<b>1.1700e-003</b>	<b>1.1700e-003</b>		<b>1.1700e-003</b>	<b>1.1700e-003</b>	<b>0.0000</b>	<b>4.2129</b>	<b>4.2129</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>4.2192</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2700e-003	1.5800e-003	0.0203	6.0000e-005	7.2000e-003	4.0000e-005	7.2300e-003	1.9100e-003	3.0000e-005	1.9500e-003	0.0000	5.5481	5.5481	1.6000e-004	1.5000e-004	5.5975
<b>Total</b>	<b>2.2700e-003</b>	<b>1.5800e-003</b>	<b>0.0203</b>	<b>6.0000e-005</b>	<b>7.2000e-003</b>	<b>4.0000e-005</b>	<b>7.2300e-003</b>	<b>1.9100e-003</b>	<b>3.0000e-005</b>	<b>1.9500e-003</b>	<b>0.0000</b>	<b>5.5481</b>	<b>5.5481</b>	<b>1.6000e-004</b>	<b>1.5000e-004</b>	<b>5.5975</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0215	0.0299	5.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003	0.0000	4.2129	4.2129	2.5000e-004	0.0000	4.2192

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Total	0.5595	0.0215	0.0299	5.0000e-005		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003	0.0000	4.2129	4.2129	2.5000e-004	0.0000	4.2192
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**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2700e-003	1.5800e-003	0.0203	6.0000e-005	6.8200e-003	4.0000e-005	6.8600e-003	1.8200e-003	3.0000e-005	1.8600e-003	0.0000	5.5481	5.5481	1.6000e-004	1.5000e-004	5.5975
<b>Total</b>	<b>2.2700e-003</b>	<b>1.5800e-003</b>	<b>0.0203</b>	<b>6.0000e-005</b>	<b>6.8200e-003</b>	<b>4.0000e-005</b>	<b>6.8600e-003</b>	<b>1.8200e-003</b>	<b>3.0000e-005</b>	<b>1.8600e-003</b>	<b>0.0000</b>	<b>5.5481</b>	<b>5.5481</b>	<b>1.6000e-004</b>	<b>1.5000e-004</b>	<b>5.5975</b>

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Category	tons/yr										MT/yr					
	Mitigated	1.5293	4.7856	13.5131	0.2186	4.4169	0.2252	4.6422	1.3511	0.2218	1.5729	0.0000	5,664.8053	5,664.8053	0.3815	0.4296
Unmitigated	1.5293	4.7856	13.5131	0.2186	4.4169	0.2252	4.6422	1.3511	0.2218	1.5729	0.0000	5,664.8053	5,664.8053	0.3815	0.4296	5,802.3504

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
City Park	0.00	0.00	0.00		
Parking Lot	112.35	112.35	112.35	1,635,799	1,635,799
Unrefrigerated Warehouse-No Rail	2,040.67	2,040.67	2,040.67	10,057,564	10,057,564
<b>Total</b>	<b>2,153.02</b>	<b>2,153.02</b>	<b>2,153.02</b>	<b>11,693,362</b>	<b>11,693,362</b>

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	0	0	0
Parking Lot	9.50	7.30	40.00	0.00	0.00	100.00	100	0	0
Unrefrigerated Warehouse-No Rail	13.54	7.30	7.30	100.00	0.00	0.00	100	0	0

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.571175	0.055403	0.188166	0.116095	0.020429	0.005041	0.007817	0.006362	0.000912	0.000389	0.024445	0.000927	0.002838
Parking Lot	0.000000	0.000000	0.000000	0.000000	0.000000	0.170000	0.230000	0.600000	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-No Rail	0.571175	0.055403	0.188166	0.116095	0.020429	0.005041	0.007817	0.006362	0.000912	0.000389	0.024445	0.000927	0.002838

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.4179	109.4179	0.0177	2.1500e-003	110.4999
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.4179	109.4179	0.0177	2.1500e-003	110.4999
NaturalGas Mitigated	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003	0.0000	55.5809	55.5809	1.0700e-003	1.0200e-003	55.9112
NaturalGas Unmitigated	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003	0.0000	55.5809	55.5809	1.0700e-003	1.0200e-003	55.9112

**5.2 Energy by Land Use - NaturalGas Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.04155e+006	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003	0.0000	55.5809	55.5809	1.0700e-003	1.0200e-003	55.9112
<b>Total</b>		<b>5.6200e-003</b>	<b>0.0511</b>	<b>0.0429</b>	<b>3.1000e-004</b>		<b>3.8800e-003</b>	<b>3.8800e-003</b>		<b>3.8800e-003</b>	<b>3.8800e-003</b>	<b>0.0000</b>	<b>55.5809</b>	<b>55.5809</b>	<b>1.0700e-003</b>	<b>1.0200e-003</b>	<b>55.9112</b>

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.04155e+006	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003	0.0000	55.5809	55.5809	1.0700e-003	1.0200e-003	55.9112
<b>Total</b>		<b>5.6200e-003</b>	<b>0.0511</b>	<b>0.0429</b>	<b>3.1000e-004</b>		<b>3.8800e-003</b>	<b>3.8800e-003</b>		<b>3.8800e-003</b>	<b>3.8800e-003</b>	<b>0.0000</b>	<b>55.5809</b>	<b>55.5809</b>	<b>1.0700e-003</b>	<b>1.0200e-003</b>	<b>55.9112</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	122880	11.3693	1.8400e-003	2.2000e-004	11.4818
Unrefrigerated Warehouse-No Rail	1.05971e+006	98.0486	0.0159	1.9200e-003	99.0181
<b>Total</b>		<b>109.4179</b>	<b>0.0177</b>	<b>2.1400e-003</b>	<b>110.4999</b>

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	122880	11.3693	1.8400e-003	2.2000e-004	11.4818
Unrefrigerated Warehouse-No Rail	1.05971e+006	98.0486	0.0159	1.9200e-003	99.0181
<b>Total</b>		<b>109.4179</b>	<b>0.0177</b>	<b>2.1400e-003</b>	<b>110.4999</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.3709	5.0000e-005	6.0300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0117	0.0117	3.0000e-005	0.0000	0.0125
Unmitigated	1.3709	5.0000e-005	6.0300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0117	0.0117	3.0000e-005	0.0000	0.0125



Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1652					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2052					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.6000e-004	5.0000e-005	6.0300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0117	0.0117	3.0000e-005	0.0000	0.0125
<b>Total</b>	<b>1.3709</b>	<b>5.0000e-005</b>	<b>6.0300e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0117</b>	<b>0.0117</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0125</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1652					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2052					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.6000e-004	5.0000e-005	6.0300e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0117	0.0117	3.0000e-005	0.0000	0.0125
<b>Total</b>	<b>1.3709</b>	<b>5.0000e-005</b>	<b>6.0300e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0117</b>	<b>0.0117</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0125</b>

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	58.2689	2.2873	0.0546	131.7152
Unmitigated	58.2689	2.2873	0.0546	131.7152

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.09785	1.0032	1.6000e-004	2.0000e-005	1.0131
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	70.0156 / 0	57.2657	2.2871	0.0546	130.7021
<b>Total</b>		<b>58.2689</b>	<b>2.2873</b>	<b>0.0546</b>	<b>131.7152</b>

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Mitigated**

Indoor/Outdoor Use		Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 3.09785	1.0032	1.6000e-004	2.0000e-005	1.0131
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	70.0156 / 0	57.2657	2.2871	0.0546	130.7021
<b>Total</b>		<b>58.2689</b>	<b>2.2873</b>	<b>0.0546</b>	<b>131.7152</b>

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	28.9079	1.7084	0.0000	71.6182

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Unmitigated	57.8159	3.4168	0.0000	143.2364
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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.22	0.0447	2.6400e-003	0.0000	0.1106
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	284.6	57.7712	3.4142	0.0000	143.1258
<b>Total</b>		<b>57.8159</b>	<b>3.4168</b>	<b>0.0000</b>	<b>143.2364</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.11	0.0223	1.3200e-003	0.0000	0.0553
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	142.3	28.8856	1.7071	0.0000	71.5629

Rue Ferrari Project (Construction + Ops) - Santa Clara County, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Total		28.9079	1.7084	0.0000	71.6182
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**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

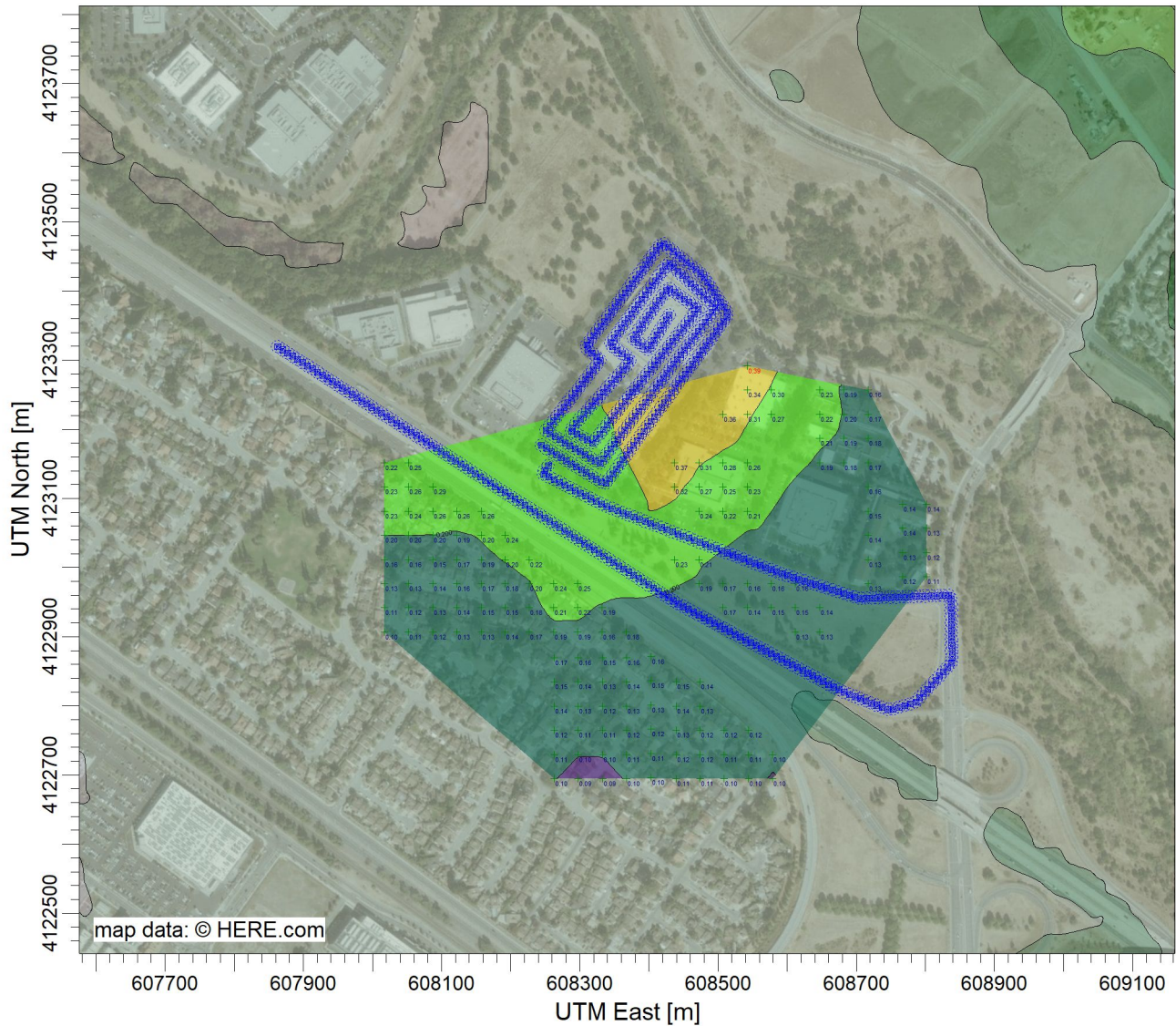
Equipment Type	Number
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**11.0 Vegetation**

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PROJECT TITLE:

**Rue Ferrari Construction**



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 0.389 [ug/m<sup>3</sup>] at (608542.11, 4123291.72)

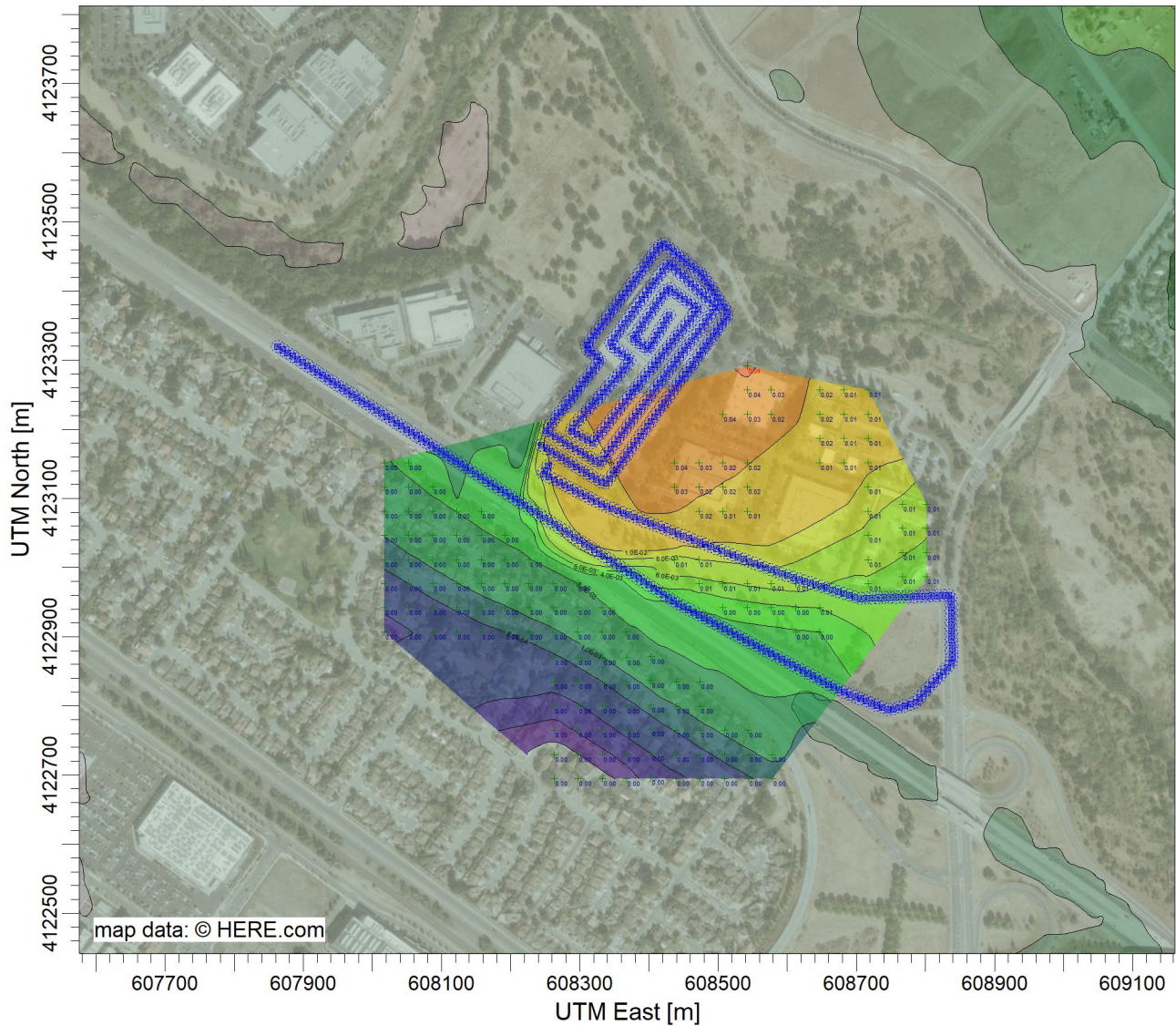


COMMENTS:	SOURCES: <b>2</b>	COMPANY NAME:	
	RECEPTORS: <b>157</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:9,972	
	MAX: <b>0.389 ug/m<sup>3</sup></b>	DATE: <b>8/20/2021</b>	PROJECT NO.:



PROJECT TITLE:

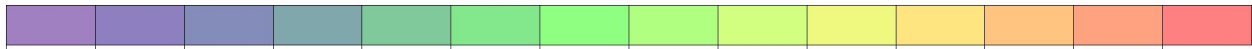
**Rue Ferrari Construction**



PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 4.5E-02 [ug/m<sup>3</sup>] at (608542.11, 4123291.72)



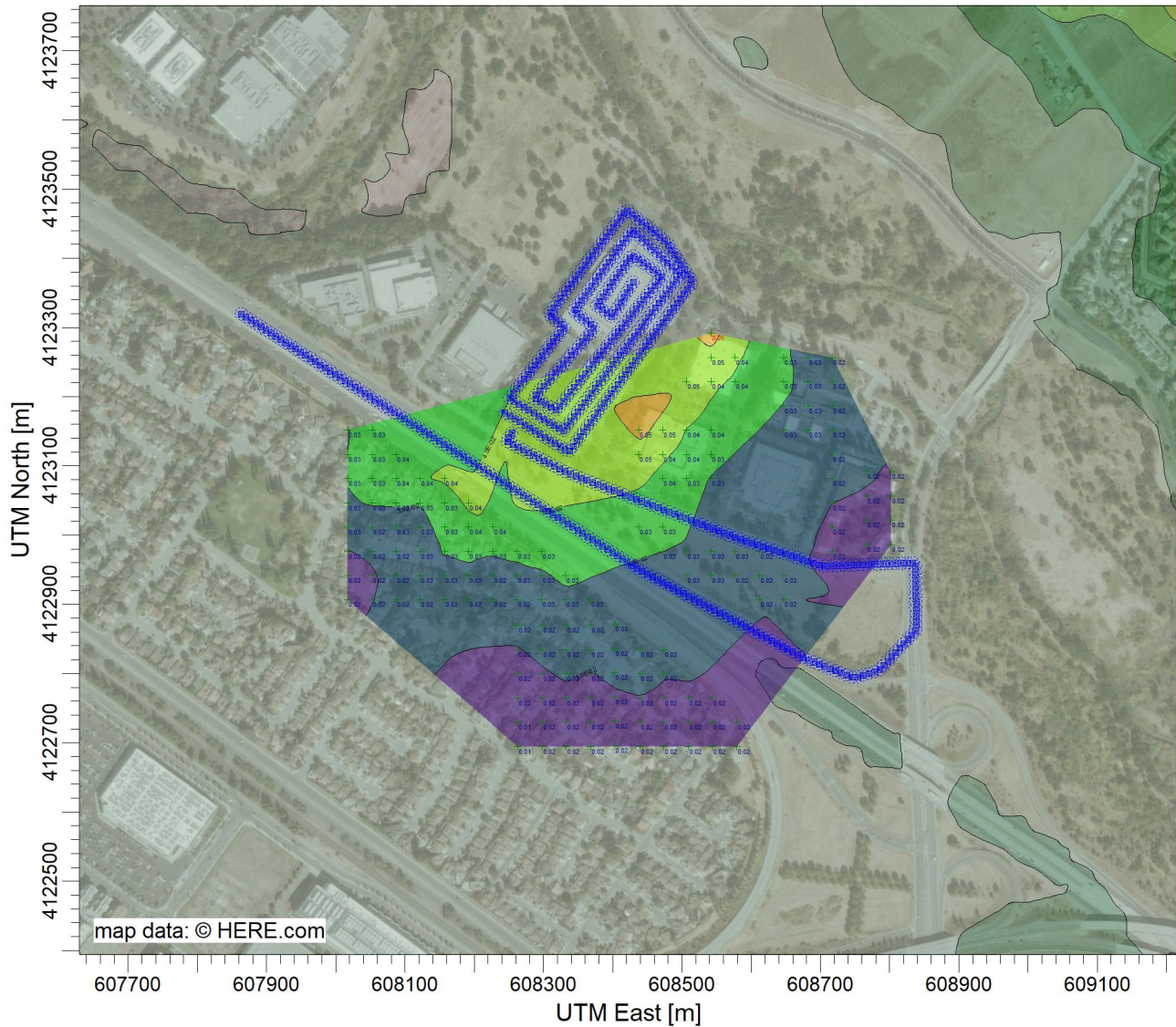
4.4E-04 5.0E-04 6.0E-04 8.0E-04 1.0E-03 2.0E-03 4.0E-03 5.0E-03 6.0E-03 8.0E-03 1.0E-02 2.0E-02 4.0E-02 4.5E-02

COMMENTS:	SOURCES: <b>2</b>	COMPANY NAME:	
	RECEPTORS: <b>157</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:9,971	
	MAX: <b>4.5E-02 ug/m<sup>3</sup></b>	DATE: <b>8/20/2021</b>	PROJECT NO.:



PROJECT TITLE:

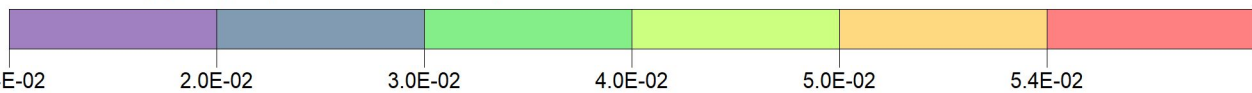
**Rue Ferrari Construction (Mitigated)**



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 5.4E-02 [ug/m<sup>3</sup>] at (608542.11, 4123291.72)

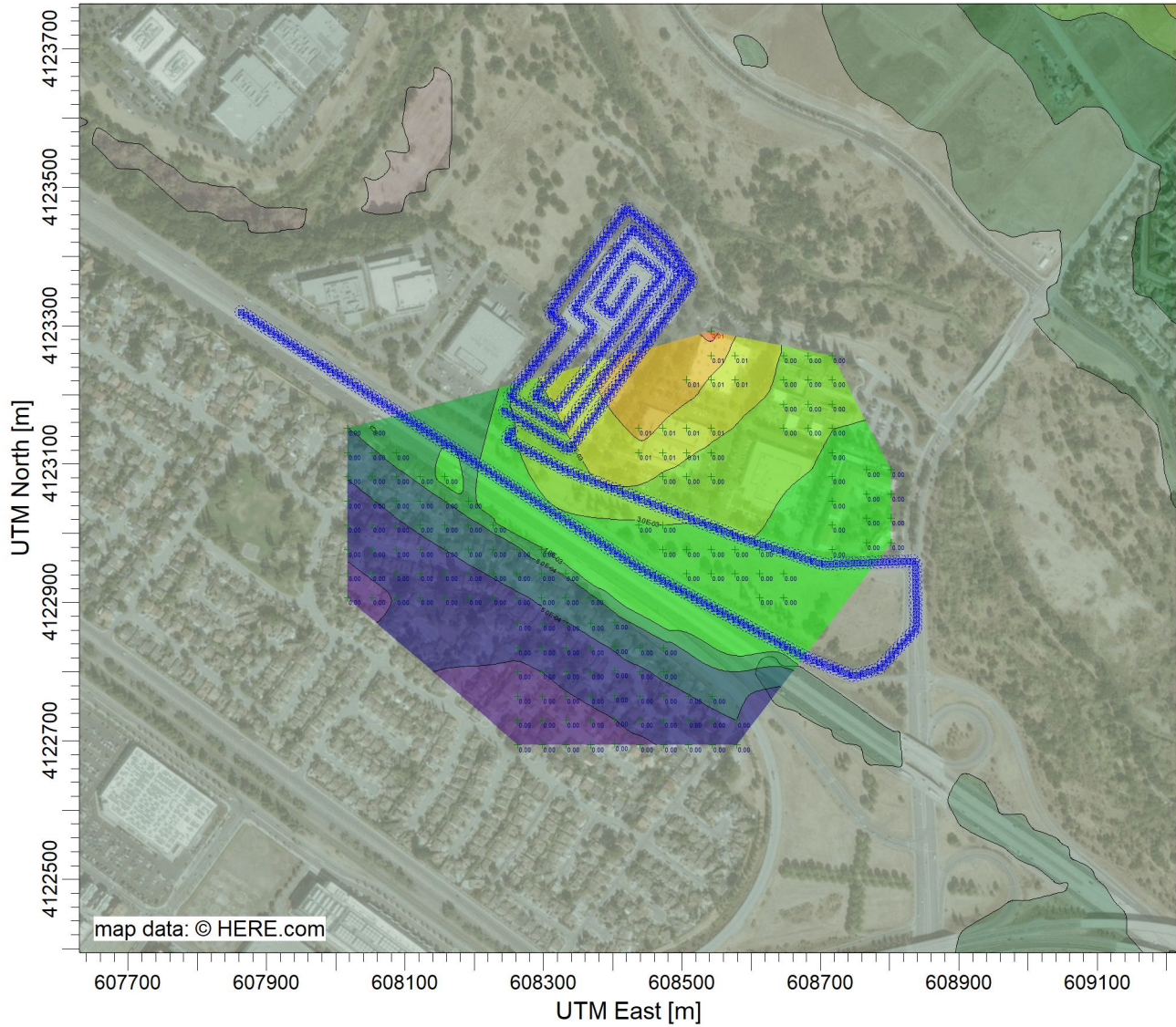


COMMENTS:	SOURCES: <b>2</b>	COMPANY NAME:	
	RECEPTORS: <b>157</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:9,971	
	MAX: <b>5.4E-02 ug/m<sup>3</sup></b>	DATE: <b>8/20/2021</b>	PROJECT NO.:



PROJECT TITLE:

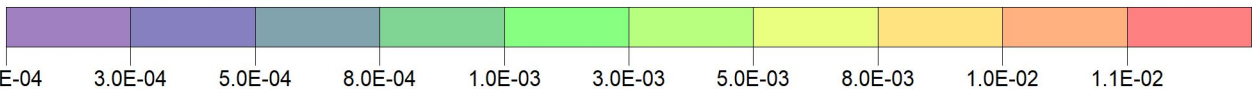
**Rue Ferrari Construction (Mitigated)**



PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 1.1E-02 [ug/m<sup>3</sup>] at (608542.11, 4123291.72)

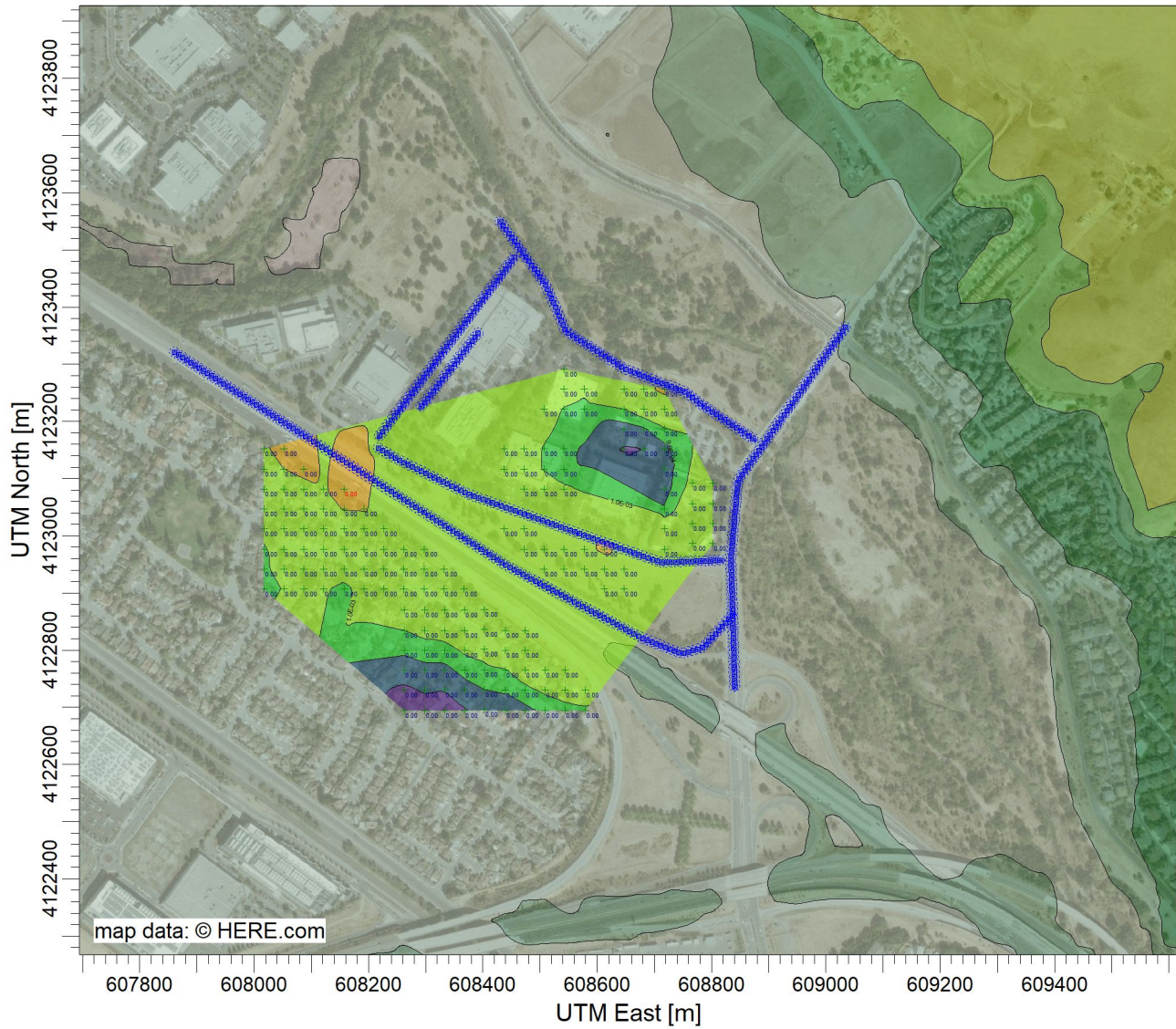


COMMENTS:	SOURCES: <b>2</b>	COMPANY NAME:	
	RECEPTORS: <b>157</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:9,971 0  0.3 km	
	MAX: <b>1.1E-02 ug/m<sup>3</sup></b>	DATE: <b>8/20/2021</b>	PROJECT NO.:



PROJECT TITLE:

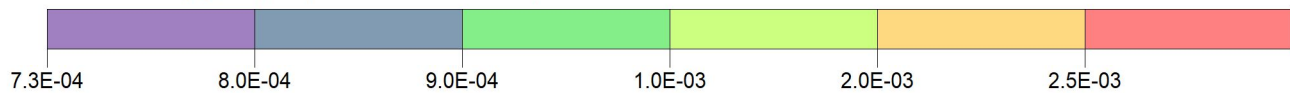
**Rue Ferrari Operations**



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 2.5E-03 [ug/m<sup>3</sup>] at (608157.11, 4123081.72)

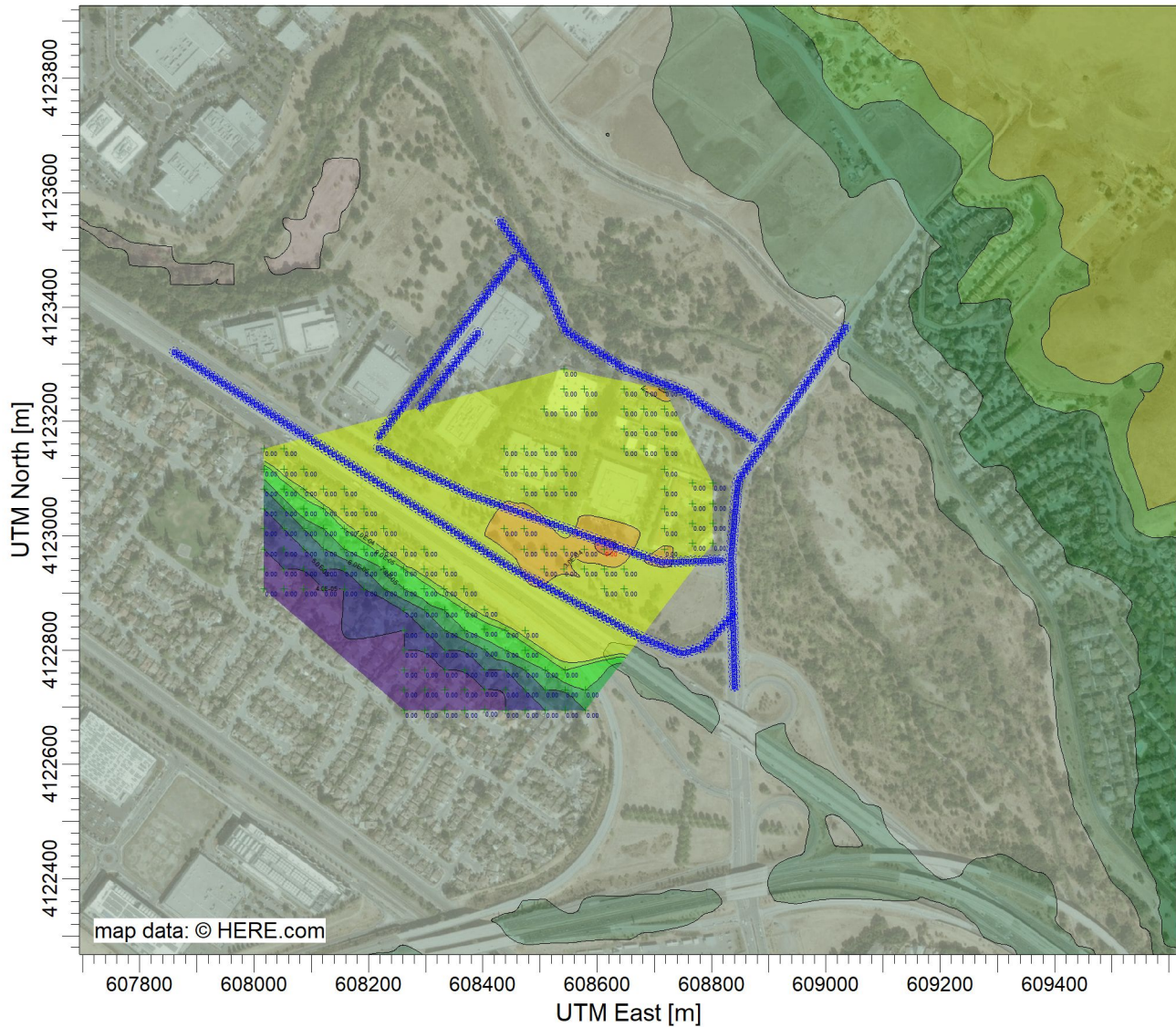


COMMENTS:	SOURCES: <b>6</b>	COMPANY NAME:	
	RECEPTORS: <b>157</b>	MODELER:	
	OUTPUT TYPE: <b>Concentration</b>	SCALE: 1:12,074	
	MAX: <b>2.5E-03 ug/m<sup>3</sup></b>	DATE: <b>8/20/2021</b>	PROJECT NO.:



PROJECT TITLE:

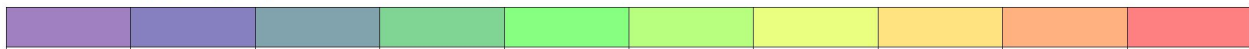
**Rue Ferrari Operations**



PLOT FILE OF PERIOD VALUES AVERAGED ACROSS 0 YEARS FOR SOURCE GROUP: ALL

ug/m<sup>3</sup>

Max: 4.5E-04 [ug/m<sup>3</sup>] at (608612.11, 4122976.72)



COMMENTS:

SOURCES:

COMPANY NAME:

**6**

RECEPTORS:

MODELER:

**157**

OUTPUT TYPE:

SCALE: 1:12,074

**Concentration**



MAX:

DATE: **8/20/2021**

PROJECT NO.:

**4.5E-04 ug/m<sup>3</sup>**

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**
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.0
** Lakes Environmental Software Inc.
** Date: 8/18/2021
** File: C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari_Const\Rue Ferrari_Const.ADI
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*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
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  MODELOPT DFAULT CONC
  AVERTIME 1 24 PERIOD
  URBANOPT 1928000 Santa_Clara_County
  POLLUTID PM_2.5
  RUNORNOT RUN
  ERRORFIL "Rue Ferrari_Const.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Construction Onsite
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 0.002750109
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 21
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** 608336.865, 4123120.072, 63.70, 3.06, 3.95
** 608515.413, 4123366.024, 64.61, 3.06, 3.95
** 608477.409, 4123423.389, 64.30, 3.06, 3.95

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\*\* 608419.327, 4123469.997, 64.43, 3.06, 3.95  
 \*\* 608308.183, 4123318.698, 63.70, 3.06, 3.95  
 \*\* 608330.412, 4123300.054, 64.15, 3.06, 3.95  
 \*\* 608250.818, 4123197.515, 63.58, 3.06, 3.95  
 \*\* 608328.977, 4123150.189, 63.74, 3.06, 3.95  
 \*\* 608497.486, 4123376.063, 64.56, 3.06, 3.95  
 \*\* 608428.649, 4123441.315, 64.41, 3.06, 3.95  
 \*\* 608343.319, 4123323.000, 64.34, 3.06, 3.95  
 \*\* 608373.435, 4123300.771, 64.49, 3.06, 3.95  
 \*\* 608369.086, 4123292.932, 64.49, 3.06, 3.95  
 \*\* 608285.954, 4123198.232, 63.72, 3.06, 3.95  
 \*\* 608318.939, 4123180.305, 63.95, 3.06, 3.95  
 \*\* 608471.672, 4123373.911, 64.47, 3.06, 3.95  
 \*\* 608427.932, 4123404.745, 64.42, 3.06, 3.95  
 \*\* 608377.020, 4123331.605, 64.45, 3.06, 3.95  
 \*\* 608399.249, 4123315.113, 64.47, 3.06, 3.95  
 \*\* 608430.083, 4123366.024, 64.47, 3.06, 3.95

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LOCATION	L0003345	VOLUME	608273.405	4123158.906	63.59
LOCATION	L0003346	VOLUME	608280.655	4123154.469	63.56
LOCATION	L0003347	VOLUME	608287.905	4123150.033	63.55
LOCATION	L0003348	VOLUME	608295.156	4123145.596	63.57
LOCATION	L0003349	VOLUME	608302.406	4123141.159	63.60
LOCATION	L0003350	VOLUME	608309.656	4123136.722	63.65
LOCATION	L0003351	VOLUME	608316.906	4123132.286	63.66
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LOCATION	L0003354	VOLUME	608338.099	4123121.772	63.75
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LOCATION	L0003361	VOLUME	608373.054	4123169.922	64.45
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LOCATION	L0003364	VOLUME	608388.034	4123190.558	64.47
LOCATION	L0003365	VOLUME	608393.028	4123197.437	64.52
LOCATION	L0003366	VOLUME	608398.021	4123204.315	64.54
LOCATION	L0003367	VOLUME	608403.015	4123211.194	64.55
LOCATION	L0003368	VOLUME	608408.008	4123218.073	64.53
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LOCATION	L0003370	VOLUME	608417.995	4123231.830	64.21
LOCATION	L0003371	VOLUME	608422.989	4123238.708	64.02
LOCATION	L0003372	VOLUME	608427.982	4123245.587	63.84

LOCATION	L0003373	VOLUME	608432.976	4123252.466	63.71
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LOCATION	L0003376	VOLUME	608447.956	4123273.101	64.03
LOCATION	L0003377	VOLUME	608452.950	4123279.980	64.18
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LOCATION	L0003384	VOLUME	608487.904	4123328.130	64.41
LOCATION	L0003385	VOLUME	608492.898	4123335.009	64.38
LOCATION	L0003386	VOLUME	608497.891	4123341.887	64.36
LOCATION	L0003387	VOLUME	608502.885	4123348.766	64.34
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LOCATION	L0003389	VOLUME	608512.872	4123362.523	64.71
LOCATION	L0003390	VOLUME	608513.108	4123369.503	64.83
LOCATION	L0003391	VOLUME	608508.413	4123376.589	64.69
LOCATION	L0003392	VOLUME	608503.719	4123383.675	64.48
LOCATION	L0003393	VOLUME	608499.024	4123390.761	64.47
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LOCATION	L0003403	VOLUME	608441.639	4123452.092	64.47
LOCATION	L0003404	VOLUME	608435.010	4123457.412	64.51
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LOCATION	L0003407	VOLUME	608416.135	4123465.652	64.36
LOCATION	L0003408	VOLUME	608411.103	4123458.802	64.20
LOCATION	L0003409	VOLUME	608406.071	4123451.952	63.96
LOCATION	L0003410	VOLUME	608401.038	4123445.101	63.80
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LOCATION	L0003416	VOLUME	608370.845	4123403.999	64.02
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LOCATION	L0003501	VOLUME	608436.043	4123434.306	64.41
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LOCATION	L0003515	VOLUME	608364.999	4123353.061	64.43
LOCATION	L0003516	VOLUME	608360.027	4123346.167	64.42
LOCATION	L0003517	VOLUME	608355.055	4123339.273	64.39
LOCATION	L0003518	VOLUME	608350.083	4123332.379	64.36
LOCATION	L0003519	VOLUME	608345.111	4123325.485	64.38
LOCATION	L0003520	VOLUME	608347.693	4123319.772	64.42
LOCATION	L0003521	VOLUME	608354.531	4123314.724	64.44
LOCATION	L0003522	VOLUME	608361.370	4123309.676	64.47



LOCATION	L0003523	VOLUME	608368.209	4123304.628	64.48
LOCATION	L0003524	VOLUME	608372.462	4123299.018	64.49
LOCATION	L0003525	VOLUME	608368.070	4123291.775	64.51
LOCATION	L0003526	VOLUME	608362.462	4123285.387	64.52
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LOCATION	L0003529	VOLUME	608345.640	4123266.223	64.15
LOCATION	L0003530	VOLUME	608340.032	4123259.835	63.93
LOCATION	L0003531	VOLUME	608334.424	4123253.447	63.77
LOCATION	L0003532	VOLUME	608328.817	4123247.060	63.74
LOCATION	L0003533	VOLUME	608323.209	4123240.672	63.74
LOCATION	L0003534	VOLUME	608317.602	4123234.284	63.73
LOCATION	L0003535	VOLUME	608311.994	4123227.896	63.72
LOCATION	L0003536	VOLUME	608306.387	4123221.508	63.71
LOCATION	L0003537	VOLUME	608300.779	4123215.120	63.71
LOCATION	L0003538	VOLUME	608295.172	4123208.732	63.72
LOCATION	L0003539	VOLUME	608289.564	4123202.344	63.72
LOCATION	L0003540	VOLUME	608288.614	4123196.786	63.74
LOCATION	L0003541	VOLUME	608296.082	4123192.727	63.75
LOCATION	L0003542	VOLUME	608303.551	4123188.668	63.78
LOCATION	L0003543	VOLUME	608311.019	4123184.609	63.85
LOCATION	L0003544	VOLUME	608318.487	4123180.551	64.06
LOCATION	L0003545	VOLUME	608323.885	4123186.575	64.20
LOCATION	L0003546	VOLUME	608329.150	4123193.249	64.35
LOCATION	L0003547	VOLUME	608334.414	4123199.922	64.42
LOCATION	L0003548	VOLUME	608339.679	4123206.596	64.34
LOCATION	L0003549	VOLUME	608344.943	4123213.269	64.32
LOCATION	L0003550	VOLUME	608350.208	4123219.942	64.36
LOCATION	L0003551	VOLUME	608355.472	4123226.616	64.46
LOCATION	L0003552	VOLUME	608360.737	4123233.289	64.51
LOCATION	L0003553	VOLUME	608366.002	4123239.963	64.51
LOCATION	L0003554	VOLUME	608371.266	4123246.636	64.51
LOCATION	L0003555	VOLUME	608376.531	4123253.309	64.53
LOCATION	L0003556	VOLUME	608381.795	4123259.983	64.55
LOCATION	L0003557	VOLUME	608387.060	4123266.656	64.53
LOCATION	L0003558	VOLUME	608392.324	4123273.330	64.51
LOCATION	L0003559	VOLUME	608397.589	4123280.003	64.52
LOCATION	L0003560	VOLUME	608402.854	4123286.676	64.54
LOCATION	L0003561	VOLUME	608408.118	4123293.350	64.56
LOCATION	L0003562	VOLUME	608413.383	4123300.023	64.55
LOCATION	L0003563	VOLUME	608418.647	4123306.697	64.54
LOCATION	L0003564	VOLUME	608423.912	4123313.370	64.55
LOCATION	L0003565	VOLUME	608429.176	4123320.043	64.57
LOCATION	L0003566	VOLUME	608434.441	4123326.717	64.54
LOCATION	L0003567	VOLUME	608439.706	4123333.390	64.49
LOCATION	L0003568	VOLUME	608444.970	4123340.064	64.45
LOCATION	L0003569	VOLUME	608450.235	4123346.737	64.40
LOCATION	L0003570	VOLUME	608455.499	4123353.410	64.35
LOCATION	L0003571	VOLUME	608460.764	4123360.084	64.31
LOCATION	L0003572	VOLUME	608466.028	4123366.757	64.32

LOCATION	VOLUME				
L0003573	608471.293	4123373.431	64.36		
L0003574	608465.226	4123378.456	64.42		
L0003575	608458.278	4123383.353	64.45		
L0003576	608451.331	4123388.251	64.45		
L0003577	608444.383	4123393.148	64.45		
L0003578	608437.436	4123398.045	64.44		
L0003579	608430.489	4123402.943	64.43		
L0003580	608424.863	4123400.336	64.39		
L0003581	608420.007	4123393.360	64.35		
L0003582	608415.151	4123386.384	64.34		
L0003583	608410.295	4123379.407	64.36		
L0003584	608405.439	4123372.431	64.39		
L0003585	608400.583	4123365.455	64.44		
L0003586	608395.727	4123358.478	64.48		
L0003587	608390.870	4123351.502	64.51		
L0003588	608386.014	4123344.526	64.50		
L0003589	608381.158	4123337.550	64.48		
L0003590	608378.030	4123330.856	64.46		
L0003591	608384.856	4123325.791	64.46		
L0003592	608391.682	4123320.727	64.47		
L0003593	608398.509	4123315.662	64.49		
L0003594	608403.175	4123321.594	64.49		
L0003595	608407.578	4123328.865	64.50		
L0003596	608411.982	4123336.136	64.51		
L0003597	608416.385	4123343.406	64.50		
L0003598	608420.788	4123350.677	64.49		
L0003599	608425.191	4123357.947	64.47		
L0003600	608429.595	4123365.218	64.45		

\*\* End of LINE VOLUME Source ID = SLINE1

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE2

\*\* DESCRSRC Offsite Hauling

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000392

\*\* Vertical Dimension = 6.12

\*\* SZINIT = 2.85

\*\* Nodes = 12

\*\* 608256.989, 4123150.605, 63.48, 3.06, 3.95

\*\* 608245.675, 4123136.059, 63.55, 3.06, 3.95

\*\* 608336.181, 4123089.190, 63.64, 3.06, 3.95

\*\* 608588.303, 4122992.220, 63.69, 3.06, 3.95

\*\* 608704.668, 4122955.048, 63.85, 3.06, 3.95

\*\* 608837.194, 4122959.897, 67.30, 3.06, 3.95

\*\* 608838.810, 4122862.927, 66.48, 3.06, 3.95

\*\* 608785.476, 4122804.745, 66.12, 3.06, 3.95

\*\* 608748.304, 4122793.431, 65.85, 3.06, 3.95

\*\* 608678.809, 4122820.906, 67.74, 3.06, 3.95

\*\* 608442.848, 4122946.967, 66.13, 3.06, 3.95

\*\* 607859.411, 4123321.919, 64.12, 3.06, 3.95

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LOCATION	L0003601	VOLUME	608254.379	4123147.250	63.55
LOCATION	L0003602	VOLUME	608249.161	4123140.541	63.56
LOCATION	L0003603	VOLUME	608248.182	4123134.761	63.58
LOCATION	L0003604	VOLUME	608255.730	4123130.852	63.48
LOCATION	L0003605	VOLUME	608263.278	4123126.944	63.38
LOCATION	L0003606	VOLUME	608270.826	4123123.035	63.40
LOCATION	L0003607	VOLUME	608278.374	4123119.126	63.51
LOCATION	L0003608	VOLUME	608285.922	4123115.217	63.69
LOCATION	L0003609	VOLUME	608293.470	4123111.309	63.68
LOCATION	L0003610	VOLUME	608301.018	4123107.400	63.63
LOCATION	L0003611	VOLUME	608308.566	4123103.491	63.52
LOCATION	L0003612	VOLUME	608316.114	4123099.582	63.54
LOCATION	L0003613	VOLUME	608323.662	4123095.674	63.59
LOCATION	L0003614	VOLUME	608331.210	4123091.765	63.63
LOCATION	L0003615	VOLUME	608338.889	4123088.149	63.65
LOCATION	L0003616	VOLUME	608346.823	4123085.097	63.69
LOCATION	L0003617	VOLUME	608354.756	4123082.046	63.76
LOCATION	L0003618	VOLUME	608362.689	4123078.995	63.86
LOCATION	L0003619	VOLUME	608370.623	4123075.943	63.95
LOCATION	L0003620	VOLUME	608378.556	4123072.892	63.96
LOCATION	L0003621	VOLUME	608386.490	4123069.841	63.89
LOCATION	L0003622	VOLUME	608394.423	4123066.789	63.78
LOCATION	L0003623	VOLUME	608402.357	4123063.738	63.69
LOCATION	L0003624	VOLUME	608410.290	4123060.687	63.65
LOCATION	L0003625	VOLUME	608418.224	4123057.636	63.70
LOCATION	L0003626	VOLUME	608426.157	4123054.584	63.80
LOCATION	L0003627	VOLUME	608434.090	4123051.533	63.93
LOCATION	L0003628	VOLUME	608442.024	4123048.482	63.88
LOCATION	L0003629	VOLUME	608449.957	4123045.430	63.82
LOCATION	L0003630	VOLUME	608457.891	4123042.379	63.69
LOCATION	L0003631	VOLUME	608465.824	4123039.328	63.78
LOCATION	L0003632	VOLUME	608473.758	4123036.276	63.87
LOCATION	L0003633	VOLUME	608481.691	4123033.225	63.92
LOCATION	L0003634	VOLUME	608489.624	4123030.174	63.84
LOCATION	L0003635	VOLUME	608497.558	4123027.122	63.81
LOCATION	L0003636	VOLUME	608505.491	4123024.071	63.88
LOCATION	L0003637	VOLUME	608513.425	4123021.020	63.91
LOCATION	L0003638	VOLUME	608521.358	4123017.968	63.86
LOCATION	L0003639	VOLUME	608529.292	4123014.917	63.78
LOCATION	L0003640	VOLUME	608537.225	4123011.866	63.69
LOCATION	L0003641	VOLUME	608545.159	4123008.814	63.64
LOCATION	L0003642	VOLUME	608553.092	4123005.763	63.59
LOCATION	L0003643	VOLUME	608561.025	4123002.712	63.55
LOCATION	L0003644	VOLUME	608568.959	4122999.660	63.56
LOCATION	L0003645	VOLUME	608576.892	4122996.609	63.62
LOCATION	L0003646	VOLUME	608584.826	4122993.558	63.70
LOCATION	L0003647	VOLUME	608592.851	4122990.767	63.74

LOCATION	L0003648	VOLUME	608600.948	4122988.181	63.76
LOCATION	L0003649	VOLUME	608609.045	4122985.594	63.75
LOCATION	L0003650	VOLUME	608617.142	4122983.008	63.68
LOCATION	L0003651	VOLUME	608625.239	4122980.421	63.62
LOCATION	L0003652	VOLUME	608633.336	4122977.835	63.57
LOCATION	L0003653	VOLUME	608641.432	4122975.248	63.57
LOCATION	L0003654	VOLUME	608649.529	4122972.662	63.59
LOCATION	L0003655	VOLUME	608657.626	4122970.075	63.63
LOCATION	L0003656	VOLUME	608665.723	4122967.489	63.68
LOCATION	L0003657	VOLUME	608673.820	4122964.902	63.75
LOCATION	L0003658	VOLUME	608681.917	4122962.316	63.82
LOCATION	L0003659	VOLUME	608690.014	4122959.729	63.88
LOCATION	L0003660	VOLUME	608698.111	4122957.143	63.88
LOCATION	L0003661	VOLUME	608706.283	4122955.107	63.84
LOCATION	L0003662	VOLUME	608714.778	4122955.418	63.87
LOCATION	L0003663	VOLUME	608723.272	4122955.729	63.90
LOCATION	L0003664	VOLUME	608731.766	4122956.040	63.96
LOCATION	L0003665	VOLUME	608740.261	4122956.350	64.36
LOCATION	L0003666	VOLUME	608748.755	4122956.661	64.75
LOCATION	L0003667	VOLUME	608757.249	4122956.972	65.12
LOCATION	L0003668	VOLUME	608765.744	4122957.283	65.44
LOCATION	L0003669	VOLUME	608774.238	4122957.594	65.75
LOCATION	L0003670	VOLUME	608782.732	4122957.904	66.06
LOCATION	L0003671	VOLUME	608791.226	4122958.215	66.35
LOCATION	L0003672	VOLUME	608799.721	4122958.526	66.65
LOCATION	L0003673	VOLUME	608808.215	4122958.837	66.87
LOCATION	L0003674	VOLUME	608816.709	4122959.147	66.98
LOCATION	L0003675	VOLUME	608825.204	4122959.458	67.10
LOCATION	L0003676	VOLUME	608833.698	4122959.769	67.19
LOCATION	L0003677	VOLUME	608837.277	4122954.895	67.17
LOCATION	L0003678	VOLUME	608837.419	4122946.396	67.11
LOCATION	L0003679	VOLUME	608837.560	4122937.898	67.05
LOCATION	L0003680	VOLUME	608837.702	4122929.399	66.99
LOCATION	L0003681	VOLUME	608837.843	4122920.900	66.91
LOCATION	L0003682	VOLUME	608837.985	4122912.401	66.82
LOCATION	L0003683	VOLUME	608838.127	4122903.902	66.73
LOCATION	L0003684	VOLUME	608838.268	4122895.404	66.64
LOCATION	L0003685	VOLUME	608838.410	4122886.905	66.59
LOCATION	L0003686	VOLUME	608838.552	4122878.406	66.53
LOCATION	L0003687	VOLUME	608838.693	4122869.907	66.47
LOCATION	L0003688	VOLUME	608837.784	4122861.807	66.43
LOCATION	L0003689	VOLUME	608832.040	4122855.541	66.40
LOCATION	L0003690	VOLUME	608826.296	4122849.276	65.99
LOCATION	L0003691	VOLUME	608820.553	4122843.010	65.49
LOCATION	L0003692	VOLUME	608814.809	4122836.744	65.03
LOCATION	L0003693	VOLUME	608809.065	4122830.478	64.63
LOCATION	L0003694	VOLUME	608803.322	4122824.212	64.51
LOCATION	L0003695	VOLUME	608797.578	4122817.947	64.74
LOCATION	L0003696	VOLUME	608791.834	4122811.681	65.16
LOCATION	L0003697	VOLUME	608786.091	4122805.415	65.77

LOCATION	L0003698	VOLUME	608778.214	4122802.534	66.04
LOCATION	L0003699	VOLUME	608770.083	4122800.060	65.64
LOCATION	L0003700	VOLUME	608761.951	4122797.585	65.33
LOCATION	L0003701	VOLUME	608753.819	4122795.110	65.62
LOCATION	L0003702	VOLUME	608745.761	4122794.437	66.54
LOCATION	L0003703	VOLUME	608737.856	4122797.562	67.23
LOCATION	L0003704	VOLUME	608729.951	4122800.687	67.63
LOCATION	L0003705	VOLUME	608722.047	4122803.812	67.67
LOCATION	L0003706	VOLUME	608714.142	4122806.937	67.54
LOCATION	L0003707	VOLUME	608706.237	4122810.062	67.41
LOCATION	L0003708	VOLUME	608698.333	4122813.188	67.67
LOCATION	L0003709	VOLUME	608690.428	4122816.313	68.05
LOCATION	L0003710	VOLUME	608682.523	4122819.438	68.51
LOCATION	L0003711	VOLUME	608674.835	4122823.029	68.63
LOCATION	L0003712	VOLUME	608667.337	4122827.035	68.89
LOCATION	L0003713	VOLUME	608659.840	4122831.040	69.33
LOCATION	L0003714	VOLUME	608652.343	4122835.045	68.93
LOCATION	L0003715	VOLUME	608644.846	4122839.051	68.53
LOCATION	L0003716	VOLUME	608637.349	4122843.056	68.38
LOCATION	L0003717	VOLUME	608629.852	4122847.061	68.35
LOCATION	L0003718	VOLUME	608622.355	4122851.067	68.43
LOCATION	L0003719	VOLUME	608614.857	4122855.072	68.72
LOCATION	L0003720	VOLUME	608607.360	4122859.077	69.06
LOCATION	L0003721	VOLUME	608599.863	4122863.083	68.77
LOCATION	L0003722	VOLUME	608592.366	4122867.088	68.14
LOCATION	L0003723	VOLUME	608584.869	4122871.093	67.63
LOCATION	L0003724	VOLUME	608577.372	4122875.099	67.45
LOCATION	L0003725	VOLUME	608569.874	4122879.104	67.58
LOCATION	L0003726	VOLUME	608562.377	4122883.109	67.98
LOCATION	L0003727	VOLUME	608554.880	4122887.115	68.15
LOCATION	L0003728	VOLUME	608547.383	4122891.120	68.05
LOCATION	L0003729	VOLUME	608539.886	4122895.125	67.53
LOCATION	L0003730	VOLUME	608532.389	4122899.131	66.97
LOCATION	L0003731	VOLUME	608524.891	4122903.136	66.79
LOCATION	L0003732	VOLUME	608517.394	4122907.141	66.93
LOCATION	L0003733	VOLUME	608509.897	4122911.147	67.38
LOCATION	L0003734	VOLUME	608502.400	4122915.152	67.25
LOCATION	L0003735	VOLUME	608494.903	4122919.157	67.13
LOCATION	L0003736	VOLUME	608487.406	4122923.163	66.92
LOCATION	L0003737	VOLUME	608479.909	4122927.168	66.47
LOCATION	L0003738	VOLUME	608472.411	4122931.173	66.27
LOCATION	L0003739	VOLUME	608464.914	4122935.179	66.31
LOCATION	L0003740	VOLUME	608457.417	4122939.184	66.43
LOCATION	L0003741	VOLUME	608449.920	4122943.189	66.30
LOCATION	L0003742	VOLUME	608442.422	4122947.228	66.20
LOCATION	L0003743	VOLUME	608435.292	4122951.824	66.11
LOCATION	L0003744	VOLUME	608428.141	4122956.419	65.69
LOCATION	L0003745	VOLUME	608420.990	4122961.014	65.45
LOCATION	L0003746	VOLUME	608413.840	4122965.610	65.44
LOCATION	L0003747	VOLUME	608406.689	4122970.205	65.44

LOCATION L0003748	VOLUME	608399.538	4122974.801	65.33
LOCATION L0003749	VOLUME	608392.388	4122979.396	65.25
LOCATION L0003750	VOLUME	608385.237	4122983.992	65.10
LOCATION L0003751	VOLUME	608378.087	4122988.587	64.82
LOCATION L0003752	VOLUME	608370.936	4122993.183	64.69
LOCATION L0003753	VOLUME	608363.785	4122997.778	64.71
LOCATION L0003754	VOLUME	608356.635	4123002.373	64.70
LOCATION L0003755	VOLUME	608349.484	4123006.969	64.64
LOCATION L0003756	VOLUME	608342.333	4123011.564	64.63
LOCATION L0003757	VOLUME	608335.183	4123016.160	64.53
LOCATION L0003758	VOLUME	608328.032	4123020.755	64.40
LOCATION L0003759	VOLUME	608320.881	4123025.351	64.34
LOCATION L0003760	VOLUME	608313.731	4123029.946	64.33
LOCATION L0003761	VOLUME	608306.580	4123034.541	64.33
LOCATION L0003762	VOLUME	608299.429	4123039.137	64.34
LOCATION L0003763	VOLUME	608292.279	4123043.732	64.39
LOCATION L0003764	VOLUME	608285.128	4123048.328	64.36
LOCATION L0003765	VOLUME	608277.977	4123052.923	64.28
LOCATION L0003766	VOLUME	608270.827	4123057.519	64.24
LOCATION L0003767	VOLUME	608263.676	4123062.114	64.24
LOCATION L0003768	VOLUME	608256.525	4123066.710	64.26
LOCATION L0003769	VOLUME	608249.375	4123071.305	64.30
LOCATION L0003770	VOLUME	608242.224	4123075.900	64.30
LOCATION L0003771	VOLUME	608235.073	4123080.496	64.29
LOCATION L0003772	VOLUME	608227.923	4123085.091	64.26
LOCATION L0003773	VOLUME	608220.772	4123089.687	64.27
LOCATION L0003774	VOLUME	608213.621	4123094.282	64.33
LOCATION L0003775	VOLUME	608206.471	4123098.878	64.34
LOCATION L0003776	VOLUME	608199.320	4123103.473	64.36
LOCATION L0003777	VOLUME	608192.169	4123108.069	64.30
LOCATION L0003778	VOLUME	608185.019	4123112.664	64.33
LOCATION L0003779	VOLUME	608177.868	4123117.259	64.35
LOCATION L0003780	VOLUME	608170.717	4123121.855	64.39
LOCATION L0003781	VOLUME	608163.567	4123126.450	64.46
LOCATION L0003782	VOLUME	608156.416	4123131.046	64.46
LOCATION L0003783	VOLUME	608149.265	4123135.641	64.38
LOCATION L0003784	VOLUME	608142.115	4123140.237	64.32
LOCATION L0003785	VOLUME	608134.964	4123144.832	64.35
LOCATION L0003786	VOLUME	608127.813	4123149.427	64.36
LOCATION L0003787	VOLUME	608120.663	4123154.023	64.40
LOCATION L0003788	VOLUME	608113.512	4123158.618	64.46
LOCATION L0003789	VOLUME	608106.361	4123163.214	64.51
LOCATION L0003790	VOLUME	608099.211	4123167.809	64.42
LOCATION L0003791	VOLUME	608092.060	4123172.405	64.40
LOCATION L0003792	VOLUME	608084.909	4123177.000	64.41
LOCATION L0003793	VOLUME	608077.759	4123181.596	64.39
LOCATION L0003794	VOLUME	608070.608	4123186.191	64.40
LOCATION L0003795	VOLUME	608063.457	4123190.786	64.45
LOCATION L0003796	VOLUME	608056.307	4123195.382	64.44
LOCATION L0003797	VOLUME	608049.156	4123199.977	64.38

LOCATION	L0003798	VOLUME	608042.005	4123204.573	64.38
LOCATION	L0003799	VOLUME	608034.855	4123209.168	64.38
LOCATION	L0003800	VOLUME	608027.704	4123213.764	64.34
LOCATION	L0003801	VOLUME	608020.553	4123218.359	64.34
LOCATION	L0003802	VOLUME	608013.403	4123222.954	64.39
LOCATION	L0003803	VOLUME	608006.252	4123227.550	64.34
LOCATION	L0003804	VOLUME	607999.101	4123232.145	64.29
LOCATION	L0003805	VOLUME	607991.951	4123236.741	64.26
LOCATION	L0003806	VOLUME	607984.800	4123241.336	64.24
LOCATION	L0003807	VOLUME	607977.650	4123245.932	64.22
LOCATION	L0003808	VOLUME	607970.499	4123250.527	64.24
LOCATION	L0003809	VOLUME	607963.348	4123255.123	64.27
LOCATION	L0003810	VOLUME	607956.198	4123259.718	64.22
LOCATION	L0003811	VOLUME	607949.047	4123264.313	64.20
LOCATION	L0003812	VOLUME	607941.896	4123268.909	64.20
LOCATION	L0003813	VOLUME	607934.746	4123273.504	64.19
LOCATION	L0003814	VOLUME	607927.595	4123278.100	64.18
LOCATION	L0003815	VOLUME	607920.444	4123282.695	64.20
LOCATION	L0003816	VOLUME	607913.294	4123287.291	64.19
LOCATION	L0003817	VOLUME	607906.143	4123291.886	64.14
LOCATION	L0003818	VOLUME	607898.992	4123296.481	64.11
LOCATION	L0003819	VOLUME	607891.842	4123301.077	64.12
LOCATION	L0003820	VOLUME	607884.691	4123305.672	64.12
LOCATION	L0003821	VOLUME	607877.540	4123310.268	64.12
LOCATION	L0003822	VOLUME	607870.390	4123314.863	64.16
LOCATION	L0003823	VOLUME	607863.239	4123319.459	64.13

\*\* End of LINE VOLUME Source ID = SLINE2

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE1

SRCPARAM	L0003341	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003342	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003343	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003344	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003345	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003346	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003347	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003348	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003349	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003350	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003351	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003352	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003353	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003354	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003355	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003356	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003357	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003358	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003359	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003360	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003361	0.0000105773	3.06	3.95	2.85











SRCPARAM	L0003562	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003563	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003564	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003565	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003566	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003567	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003568	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003569	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003570	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003571	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003572	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003573	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003574	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003575	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003576	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003577	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003578	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003579	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003580	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003581	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003582	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003583	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003584	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003585	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003586	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003587	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003588	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003589	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003590	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003591	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003592	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003593	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003594	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003595	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003596	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003597	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003598	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003599	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003600	0.0000105773	3.06	3.95	2.85

\*\*

\*\* LINE VOLUME Source ID = SLINE2

SRCPARAM	L0003601	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003602	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003603	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003604	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003605	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003606	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003607	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003608	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003609	0.0000001758	3.06	3.95	2.85











SRCPARAM	L0003810	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003811	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003812	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003813	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003814	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003815	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003816	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003817	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003818	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003819	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003820	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003821	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003822	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003823	0.0000001758	3.06	3.95	2.85

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 URBANSRC ALL

\*\* Variable Emissions Type: "By Hour-of-Day (HROFDY)"

\*\* Variable Emission Scenario: "Scenario 1"

EMISFACT	L0003341	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003341	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003341	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003341	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003342	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003342	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003342	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003342	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003343	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003343	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003343	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003343	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003344	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003344	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003344	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003344	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003345	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003345	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003345	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003345	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003346	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003346	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003346	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003346	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003347	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003347	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003347	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003347	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003348	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003348	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003348	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0





















































































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EMISFACT L0003823      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "Rue Ferrari_Const.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ..\724946.SFC
  PROFFILE ..\724946.PFL
  SURFDATA 93232 2009
  UAIRDATA 23230 2009 OAKLAND/WSO_AP
  PROFBASE 40.5 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
  RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "Rue Ferrari_Const.AD\01H1GALL.PLT" 31
  PLOTFILE 24 ALL 1ST "Rue Ferrari_Const.AD\24H1GALL.PLT" 32
  PLOTFILE PERIOD ALL "Rue Ferrari_Const.AD\PE00GALL.PLT" 33
  SUMMFILE "Rue Ferrari_Const.sum"
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m

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** ZONE    10
** ZONEINX 0
**
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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.0
** Lakes Environmental Software Inc.
** Date: 8/18/2021
** File: C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari_Const\Rue Ferrari_Const.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari_Const\Rue Ferrari_Const
  MODELOPT DFAULT CONC
  AVERTIME 1 24 PERIOD
  URBANOPT 1928000 Santa_Clara_County
  POLLUTID PM_2.5
  RUNORNOT RUN
  ERRORFIL "Rue Ferrari_Const.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Construction Onsite
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 0.002750109
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 21
** 608240.779, 4123178.871, 63.53, 3.06, 3.95
** 608336.865, 4123120.072, 63.70, 3.06, 3.95
** 608515.413, 4123366.024, 64.61, 3.06, 3.95
** 608477.409, 4123423.389, 64.30, 3.06, 3.95

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\*\* 608419.327, 4123469.997, 64.43, 3.06, 3.95  
 \*\* 608308.183, 4123318.698, 63.70, 3.06, 3.95  
 \*\* 608330.412, 4123300.054, 64.15, 3.06, 3.95  
 \*\* 608250.818, 4123197.515, 63.58, 3.06, 3.95  
 \*\* 608328.977, 4123150.189, 63.74, 3.06, 3.95  
 \*\* 608497.486, 4123376.063, 64.56, 3.06, 3.95  
 \*\* 608428.649, 4123441.315, 64.41, 3.06, 3.95  
 \*\* 608343.319, 4123323.000, 64.34, 3.06, 3.95  
 \*\* 608373.435, 4123300.771, 64.49, 3.06, 3.95  
 \*\* 608369.086, 4123292.932, 64.49, 3.06, 3.95  
 \*\* 608285.954, 4123198.232, 63.72, 3.06, 3.95  
 \*\* 608318.939, 4123180.305, 63.95, 3.06, 3.95  
 \*\* 608471.672, 4123373.911, 64.47, 3.06, 3.95  
 \*\* 608427.932, 4123404.745, 64.42, 3.06, 3.95  
 \*\* 608377.020, 4123331.605, 64.45, 3.06, 3.95  
 \*\* 608399.249, 4123315.113, 64.47, 3.06, 3.95  
 \*\* 608430.083, 4123366.024, 64.47, 3.06, 3.95

\*\*

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LOCATION	L0003341	VOLUME	608244.404	4123176.653	63.53
LOCATION	L0003342	VOLUME	608251.654	4123172.216	63.55
LOCATION	L0003343	VOLUME	608258.905	4123167.779	63.57
LOCATION	L0003344	VOLUME	608266.155	4123163.343	63.59
LOCATION	L0003345	VOLUME	608273.405	4123158.906	63.59
LOCATION	L0003346	VOLUME	608280.655	4123154.469	63.56
LOCATION	L0003347	VOLUME	608287.905	4123150.033	63.55
LOCATION	L0003348	VOLUME	608295.156	4123145.596	63.57
LOCATION	L0003349	VOLUME	608302.406	4123141.159	63.60
LOCATION	L0003350	VOLUME	608309.656	4123136.722	63.65
LOCATION	L0003351	VOLUME	608316.906	4123132.286	63.66
LOCATION	L0003352	VOLUME	608324.157	4123127.849	63.69
LOCATION	L0003353	VOLUME	608331.407	4123123.412	63.73
LOCATION	L0003354	VOLUME	608338.099	4123121.772	63.75
LOCATION	L0003355	VOLUME	608343.093	4123128.651	63.78
LOCATION	L0003356	VOLUME	608348.086	4123135.529	63.84
LOCATION	L0003357	VOLUME	608353.080	4123142.408	64.01
LOCATION	L0003358	VOLUME	608358.073	4123149.287	64.16
LOCATION	L0003359	VOLUME	608363.067	4123156.165	64.27
LOCATION	L0003360	VOLUME	608368.060	4123163.044	64.38
LOCATION	L0003361	VOLUME	608373.054	4123169.922	64.45
LOCATION	L0003362	VOLUME	608378.047	4123176.801	64.46
LOCATION	L0003363	VOLUME	608383.041	4123183.680	64.48
LOCATION	L0003364	VOLUME	608388.034	4123190.558	64.47
LOCATION	L0003365	VOLUME	608393.028	4123197.437	64.52
LOCATION	L0003366	VOLUME	608398.021	4123204.315	64.54
LOCATION	L0003367	VOLUME	608403.015	4123211.194	64.55
LOCATION	L0003368	VOLUME	608408.008	4123218.073	64.53
LOCATION	L0003369	VOLUME	608413.002	4123224.951	64.38
LOCATION	L0003370	VOLUME	608417.995	4123231.830	64.21
LOCATION	L0003371	VOLUME	608422.989	4123238.708	64.02
LOCATION	L0003372	VOLUME	608427.982	4123245.587	63.84

LOCATION	L0003373	VOLUME	608432.976	4123252.466	63.71
LOCATION	L0003374	VOLUME	608437.969	4123259.344	63.70
LOCATION	L0003375	VOLUME	608442.963	4123266.223	63.86
LOCATION	L0003376	VOLUME	608447.956	4123273.101	64.03
LOCATION	L0003377	VOLUME	608452.950	4123279.980	64.18
LOCATION	L0003378	VOLUME	608457.943	4123286.858	64.31
LOCATION	L0003379	VOLUME	608462.937	4123293.737	64.39
LOCATION	L0003380	VOLUME	608467.930	4123300.616	64.39
LOCATION	L0003381	VOLUME	608472.924	4123307.494	64.38
LOCATION	L0003382	VOLUME	608477.917	4123314.373	64.38
LOCATION	L0003383	VOLUME	608482.911	4123321.251	64.42
LOCATION	L0003384	VOLUME	608487.904	4123328.130	64.41
LOCATION	L0003385	VOLUME	608492.898	4123335.009	64.38
LOCATION	L0003386	VOLUME	608497.891	4123341.887	64.36
LOCATION	L0003387	VOLUME	608502.885	4123348.766	64.34
LOCATION	L0003388	VOLUME	608507.878	4123355.644	64.44
LOCATION	L0003389	VOLUME	608512.872	4123362.523	64.71
LOCATION	L0003390	VOLUME	608513.108	4123369.503	64.83
LOCATION	L0003391	VOLUME	608508.413	4123376.589	64.69
LOCATION	L0003392	VOLUME	608503.719	4123383.675	64.48
LOCATION	L0003393	VOLUME	608499.024	4123390.761	64.47
LOCATION	L0003394	VOLUME	608494.330	4123397.848	64.44
LOCATION	L0003395	VOLUME	608489.635	4123404.934	64.39
LOCATION	L0003396	VOLUME	608484.941	4123412.020	64.31
LOCATION	L0003397	VOLUME	608480.246	4123419.106	64.29
LOCATION	L0003398	VOLUME	608474.786	4123425.493	64.33
LOCATION	L0003399	VOLUME	608468.157	4123430.813	64.36
LOCATION	L0003400	VOLUME	608461.528	4123436.133	64.34
LOCATION	L0003401	VOLUME	608454.898	4123441.453	64.27
LOCATION	L0003402	VOLUME	608448.269	4123446.772	64.30
LOCATION	L0003403	VOLUME	608441.639	4123452.092	64.47
LOCATION	L0003404	VOLUME	608435.010	4123457.412	64.51
LOCATION	L0003405	VOLUME	608428.381	4123462.732	64.43
LOCATION	L0003406	VOLUME	608421.751	4123468.052	64.41
LOCATION	L0003407	VOLUME	608416.135	4123465.652	64.36
LOCATION	L0003408	VOLUME	608411.103	4123458.802	64.20
LOCATION	L0003409	VOLUME	608406.071	4123451.952	63.96
LOCATION	L0003410	VOLUME	608401.038	4123445.101	63.80
LOCATION	L0003411	VOLUME	608396.006	4123438.251	63.94
LOCATION	L0003412	VOLUME	608390.974	4123431.401	64.01
LOCATION	L0003413	VOLUME	608385.942	4123424.550	64.00
LOCATION	L0003414	VOLUME	608380.909	4123417.700	63.92
LOCATION	L0003415	VOLUME	608375.877	4123410.850	63.93
LOCATION	L0003416	VOLUME	608370.845	4123403.999	64.02
LOCATION	L0003417	VOLUME	608365.813	4123397.149	64.04
LOCATION	L0003418	VOLUME	608360.781	4123390.299	63.98
LOCATION	L0003419	VOLUME	608355.748	4123383.448	63.85
LOCATION	L0003420	VOLUME	608350.716	4123376.598	63.97
LOCATION	L0003421	VOLUME	608345.684	4123369.748	64.04
LOCATION	L0003422	VOLUME	608340.652	4123362.898	64.02

LOCATION L0003423	VOLUME	608335.619	4123356.047	63.91
LOCATION L0003424	VOLUME	608330.587	4123349.197	63.84
LOCATION L0003425	VOLUME	608325.555	4123342.347	63.97
LOCATION L0003426	VOLUME	608320.523	4123335.496	64.01
LOCATION L0003427	VOLUME	608315.491	4123328.646	63.96
LOCATION L0003428	VOLUME	608310.458	4123321.796	63.81
LOCATION L0003429	VOLUME	608311.750	4123315.706	63.82
LOCATION L0003430	VOLUME	608318.263	4123310.244	63.98
LOCATION L0003431	VOLUME	608324.775	4123304.781	64.10
LOCATION L0003432	VOLUME	608329.710	4123299.151	64.17
LOCATION L0003433	VOLUME	608324.498	4123292.436	64.01
LOCATION L0003434	VOLUME	608319.286	4123285.721	63.87
LOCATION L0003435	VOLUME	608314.074	4123279.007	63.75
LOCATION L0003436	VOLUME	608308.862	4123272.292	63.66
LOCATION L0003437	VOLUME	608303.650	4123265.578	63.62
LOCATION L0003438	VOLUME	608298.438	4123258.863	63.59
LOCATION L0003439	VOLUME	608293.226	4123252.149	63.58
LOCATION L0003440	VOLUME	608288.014	4123245.434	63.58
LOCATION L0003441	VOLUME	608282.802	4123238.720	63.59
LOCATION L0003442	VOLUME	608277.590	4123232.005	63.61
LOCATION L0003443	VOLUME	608272.378	4123225.291	63.59
LOCATION L0003444	VOLUME	608267.166	4123218.576	63.59
LOCATION L0003445	VOLUME	608261.954	4123211.861	63.58
LOCATION L0003446	VOLUME	608256.742	4123205.147	63.59
LOCATION L0003447	VOLUME	608251.530	4123198.432	63.58
LOCATION L0003448	VOLUME	608257.095	4123193.714	63.59
LOCATION L0003449	VOLUME	608264.366	4123189.311	63.61
LOCATION L0003450	VOLUME	608271.637	4123184.909	63.64
LOCATION L0003451	VOLUME	608278.908	4123180.506	63.67
LOCATION L0003452	VOLUME	608286.179	4123176.103	63.70
LOCATION L0003453	VOLUME	608293.450	4123171.701	63.73
LOCATION L0003454	VOLUME	608300.721	4123167.298	63.76
LOCATION L0003455	VOLUME	608307.992	4123162.896	63.78
LOCATION L0003456	VOLUME	608315.263	4123158.493	63.89
LOCATION L0003457	VOLUME	608322.534	4123154.090	63.97
LOCATION L0003458	VOLUME	608329.556	4123150.964	64.03
LOCATION L0003459	VOLUME	608334.638	4123157.777	64.26
LOCATION L0003460	VOLUME	608339.721	4123164.590	64.43
LOCATION L0003461	VOLUME	608344.804	4123171.403	64.48
LOCATION L0003462	VOLUME	608349.887	4123178.216	64.48
LOCATION L0003463	VOLUME	608354.969	4123185.029	64.49
LOCATION L0003464	VOLUME	608360.052	4123191.842	64.49
LOCATION L0003465	VOLUME	608365.135	4123198.655	64.50
LOCATION L0003466	VOLUME	608370.217	4123205.468	64.51
LOCATION L0003467	VOLUME	608375.300	4123212.281	64.52
LOCATION L0003468	VOLUME	608380.383	4123219.094	64.52
LOCATION L0003469	VOLUME	608385.465	4123225.907	64.53
LOCATION L0003470	VOLUME	608390.548	4123232.720	64.54
LOCATION L0003471	VOLUME	608395.631	4123239.532	64.53
LOCATION L0003472	VOLUME	608400.713	4123246.345	64.51

LOCATION	L0003473	VOLUME	608405.796	4123253.158	64.47
LOCATION	L0003474	VOLUME	608410.879	4123259.971	64.31
LOCATION	L0003475	VOLUME	608415.961	4123266.784	64.24
LOCATION	L0003476	VOLUME	608421.044	4123273.597	64.23
LOCATION	L0003477	VOLUME	608426.127	4123280.410	64.29
LOCATION	L0003478	VOLUME	608431.209	4123287.223	64.43
LOCATION	L0003479	VOLUME	608436.292	4123294.036	64.52
LOCATION	L0003480	VOLUME	608441.375	4123300.849	64.50
LOCATION	L0003481	VOLUME	608446.457	4123307.662	64.48
LOCATION	L0003482	VOLUME	608451.540	4123314.475	64.45
LOCATION	L0003483	VOLUME	608456.623	4123321.288	64.44
LOCATION	L0003484	VOLUME	608461.706	4123328.101	64.40
LOCATION	L0003485	VOLUME	608466.788	4123334.914	64.32
LOCATION	L0003486	VOLUME	608471.871	4123341.727	64.22
LOCATION	L0003487	VOLUME	608476.954	4123348.540	64.09
LOCATION	L0003488	VOLUME	608482.036	4123355.353	64.06
LOCATION	L0003489	VOLUME	608487.119	4123362.166	64.21
LOCATION	L0003490	VOLUME	608492.202	4123368.979	64.32
LOCATION	L0003491	VOLUME	608497.284	4123375.792	64.41
LOCATION	L0003492	VOLUME	608491.563	4123381.678	64.46
LOCATION	L0003493	VOLUME	608485.394	4123387.525	64.48
LOCATION	L0003494	VOLUME	608479.225	4123393.373	64.43
LOCATION	L0003495	VOLUME	608473.056	4123399.220	64.40
LOCATION	L0003496	VOLUME	608466.887	4123405.068	64.41
LOCATION	L0003497	VOLUME	608460.718	4123410.916	64.45
LOCATION	L0003498	VOLUME	608454.550	4123416.763	64.51
LOCATION	L0003499	VOLUME	608448.381	4123422.611	64.45
LOCATION	L0003500	VOLUME	608442.212	4123428.458	64.42
LOCATION	L0003501	VOLUME	608436.043	4123434.306	64.41
LOCATION	L0003502	VOLUME	608429.874	4123440.154	64.43
LOCATION	L0003503	VOLUME	608424.664	4123435.790	64.34
LOCATION	L0003504	VOLUME	608419.692	4123428.896	64.25
LOCATION	L0003505	VOLUME	608414.720	4123422.002	64.20
LOCATION	L0003506	VOLUME	608409.748	4123415.108	64.19
LOCATION	L0003507	VOLUME	608404.776	4123408.214	64.17
LOCATION	L0003508	VOLUME	608399.804	4123401.320	64.19
LOCATION	L0003509	VOLUME	608394.832	4123394.426	64.25
LOCATION	L0003510	VOLUME	608389.859	4123387.532	64.34
LOCATION	L0003511	VOLUME	608384.887	4123380.638	64.44
LOCATION	L0003512	VOLUME	608379.915	4123373.743	64.46
LOCATION	L0003513	VOLUME	608374.943	4123366.849	64.41
LOCATION	L0003514	VOLUME	608369.971	4123359.955	64.40
LOCATION	L0003515	VOLUME	608364.999	4123353.061	64.43
LOCATION	L0003516	VOLUME	608360.027	4123346.167	64.42
LOCATION	L0003517	VOLUME	608355.055	4123339.273	64.39
LOCATION	L0003518	VOLUME	608350.083	4123332.379	64.36
LOCATION	L0003519	VOLUME	608345.111	4123325.485	64.38
LOCATION	L0003520	VOLUME	608347.693	4123319.772	64.42
LOCATION	L0003521	VOLUME	608354.531	4123314.724	64.44
LOCATION	L0003522	VOLUME	608361.370	4123309.676	64.47

LOCATION	L0003523	VOLUME	608368.209	4123304.628	64.48
LOCATION	L0003524	VOLUME	608372.462	4123299.018	64.49
LOCATION	L0003525	VOLUME	608368.070	4123291.775	64.51
LOCATION	L0003526	VOLUME	608362.462	4123285.387	64.52
LOCATION	L0003527	VOLUME	608356.855	4123278.999	64.50
LOCATION	L0003528	VOLUME	608351.247	4123272.611	64.34
LOCATION	L0003529	VOLUME	608345.640	4123266.223	64.15
LOCATION	L0003530	VOLUME	608340.032	4123259.835	63.93
LOCATION	L0003531	VOLUME	608334.424	4123253.447	63.77
LOCATION	L0003532	VOLUME	608328.817	4123247.060	63.74
LOCATION	L0003533	VOLUME	608323.209	4123240.672	63.74
LOCATION	L0003534	VOLUME	608317.602	4123234.284	63.73
LOCATION	L0003535	VOLUME	608311.994	4123227.896	63.72
LOCATION	L0003536	VOLUME	608306.387	4123221.508	63.71
LOCATION	L0003537	VOLUME	608300.779	4123215.120	63.71
LOCATION	L0003538	VOLUME	608295.172	4123208.732	63.72
LOCATION	L0003539	VOLUME	608289.564	4123202.344	63.72
LOCATION	L0003540	VOLUME	608288.614	4123196.786	63.74
LOCATION	L0003541	VOLUME	608296.082	4123192.727	63.75
LOCATION	L0003542	VOLUME	608303.551	4123188.668	63.78
LOCATION	L0003543	VOLUME	608311.019	4123184.609	63.85
LOCATION	L0003544	VOLUME	608318.487	4123180.551	64.06
LOCATION	L0003545	VOLUME	608323.885	4123186.575	64.20
LOCATION	L0003546	VOLUME	608329.150	4123193.249	64.35
LOCATION	L0003547	VOLUME	608334.414	4123199.922	64.42
LOCATION	L0003548	VOLUME	608339.679	4123206.596	64.34
LOCATION	L0003549	VOLUME	608344.943	4123213.269	64.32
LOCATION	L0003550	VOLUME	608350.208	4123219.942	64.36
LOCATION	L0003551	VOLUME	608355.472	4123226.616	64.46
LOCATION	L0003552	VOLUME	608360.737	4123233.289	64.51
LOCATION	L0003553	VOLUME	608366.002	4123239.963	64.51
LOCATION	L0003554	VOLUME	608371.266	4123246.636	64.51
LOCATION	L0003555	VOLUME	608376.531	4123253.309	64.53
LOCATION	L0003556	VOLUME	608381.795	4123259.983	64.55
LOCATION	L0003557	VOLUME	608387.060	4123266.656	64.53
LOCATION	L0003558	VOLUME	608392.324	4123273.330	64.51
LOCATION	L0003559	VOLUME	608397.589	4123280.003	64.52
LOCATION	L0003560	VOLUME	608402.854	4123286.676	64.54
LOCATION	L0003561	VOLUME	608408.118	4123293.350	64.56
LOCATION	L0003562	VOLUME	608413.383	4123300.023	64.55
LOCATION	L0003563	VOLUME	608418.647	4123306.697	64.54
LOCATION	L0003564	VOLUME	608423.912	4123313.370	64.55
LOCATION	L0003565	VOLUME	608429.176	4123320.043	64.57
LOCATION	L0003566	VOLUME	608434.441	4123326.717	64.54
LOCATION	L0003567	VOLUME	608439.706	4123333.390	64.49
LOCATION	L0003568	VOLUME	608444.970	4123340.064	64.45
LOCATION	L0003569	VOLUME	608450.235	4123346.737	64.40
LOCATION	L0003570	VOLUME	608455.499	4123353.410	64.35
LOCATION	L0003571	VOLUME	608460.764	4123360.084	64.31
LOCATION	L0003572	VOLUME	608466.028	4123366.757	64.32

LOCATION	VOLUME				
L0003573	608471.293	4123373.431	64.36		
L0003574	608465.226	4123378.456	64.42		
L0003575	608458.278	4123383.353	64.45		
L0003576	608451.331	4123388.251	64.45		
L0003577	608444.383	4123393.148	64.45		
L0003578	608437.436	4123398.045	64.44		
L0003579	608430.489	4123402.943	64.43		
L0003580	608424.863	4123400.336	64.39		
L0003581	608420.007	4123393.360	64.35		
L0003582	608415.151	4123386.384	64.34		
L0003583	608410.295	4123379.407	64.36		
L0003584	608405.439	4123372.431	64.39		
L0003585	608400.583	4123365.455	64.44		
L0003586	608395.727	4123358.478	64.48		
L0003587	608390.870	4123351.502	64.51		
L0003588	608386.014	4123344.526	64.50		
L0003589	608381.158	4123337.550	64.48		
L0003590	608378.030	4123330.856	64.46		
L0003591	608384.856	4123325.791	64.46		
L0003592	608391.682	4123320.727	64.47		
L0003593	608398.509	4123315.662	64.49		
L0003594	608403.175	4123321.594	64.49		
L0003595	608407.578	4123328.865	64.50		
L0003596	608411.982	4123336.136	64.51		
L0003597	608416.385	4123343.406	64.50		
L0003598	608420.788	4123350.677	64.49		
L0003599	608425.191	4123357.947	64.47		
L0003600	608429.595	4123365.218	64.45		

\*\* End of LINE VOLUME Source ID = SLINE1

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE2

\*\* DESCRSRC Offsite Hauling

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000392

\*\* Vertical Dimension = 6.12

\*\* SZINIT = 2.85

\*\* Nodes = 12

\*\* 608256.989, 4123150.605, 63.48, 3.06, 3.95

\*\* 608245.675, 4123136.059, 63.55, 3.06, 3.95

\*\* 608336.181, 4123089.190, 63.64, 3.06, 3.95

\*\* 608588.303, 4122992.220, 63.69, 3.06, 3.95

\*\* 608704.668, 4122955.048, 63.85, 3.06, 3.95

\*\* 608837.194, 4122959.897, 67.30, 3.06, 3.95

\*\* 608838.810, 4122862.927, 66.48, 3.06, 3.95

\*\* 608785.476, 4122804.745, 66.12, 3.06, 3.95

\*\* 608748.304, 4122793.431, 65.85, 3.06, 3.95

\*\* 608678.809, 4122820.906, 67.74, 3.06, 3.95



\*\* 608442.848, 4122946.967, 66.13, 3.06, 3.95

\*\* 607859.411, 4123321.919, 64.12, 3.06, 3.95

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LOCATION	L0003601	VOLUME	608254.379	4123147.250	63.55
LOCATION	L0003602	VOLUME	608249.161	4123140.541	63.56
LOCATION	L0003603	VOLUME	608248.182	4123134.761	63.58
LOCATION	L0003604	VOLUME	608255.730	4123130.852	63.48
LOCATION	L0003605	VOLUME	608263.278	4123126.944	63.38
LOCATION	L0003606	VOLUME	608270.826	4123123.035	63.40
LOCATION	L0003607	VOLUME	608278.374	4123119.126	63.51
LOCATION	L0003608	VOLUME	608285.922	4123115.217	63.69
LOCATION	L0003609	VOLUME	608293.470	4123111.309	63.68
LOCATION	L0003610	VOLUME	608301.018	4123107.400	63.63
LOCATION	L0003611	VOLUME	608308.566	4123103.491	63.52
LOCATION	L0003612	VOLUME	608316.114	4123099.582	63.54
LOCATION	L0003613	VOLUME	608323.662	4123095.674	63.59
LOCATION	L0003614	VOLUME	608331.210	4123091.765	63.63
LOCATION	L0003615	VOLUME	608338.889	4123088.149	63.65
LOCATION	L0003616	VOLUME	608346.823	4123085.097	63.69
LOCATION	L0003617	VOLUME	608354.756	4123082.046	63.76
LOCATION	L0003618	VOLUME	608362.689	4123078.995	63.86
LOCATION	L0003619	VOLUME	608370.623	4123075.943	63.95
LOCATION	L0003620	VOLUME	608378.556	4123072.892	63.96
LOCATION	L0003621	VOLUME	608386.490	4123069.841	63.89
LOCATION	L0003622	VOLUME	608394.423	4123066.789	63.78
LOCATION	L0003623	VOLUME	608402.357	4123063.738	63.69
LOCATION	L0003624	VOLUME	608410.290	4123060.687	63.65
LOCATION	L0003625	VOLUME	608418.224	4123057.636	63.70
LOCATION	L0003626	VOLUME	608426.157	4123054.584	63.80
LOCATION	L0003627	VOLUME	608434.090	4123051.533	63.93
LOCATION	L0003628	VOLUME	608442.024	4123048.482	63.88
LOCATION	L0003629	VOLUME	608449.957	4123045.430	63.82
LOCATION	L0003630	VOLUME	608457.891	4123042.379	63.69
LOCATION	L0003631	VOLUME	608465.824	4123039.328	63.78
LOCATION	L0003632	VOLUME	608473.758	4123036.276	63.87
LOCATION	L0003633	VOLUME	608481.691	4123033.225	63.92
LOCATION	L0003634	VOLUME	608489.624	4123030.174	63.84
LOCATION	L0003635	VOLUME	608497.558	4123027.122	63.81
LOCATION	L0003636	VOLUME	608505.491	4123024.071	63.88
LOCATION	L0003637	VOLUME	608513.425	4123021.020	63.91
LOCATION	L0003638	VOLUME	608521.358	4123017.968	63.86
LOCATION	L0003639	VOLUME	608529.292	4123014.917	63.78
LOCATION	L0003640	VOLUME	608537.225	4123011.866	63.69
LOCATION	L0003641	VOLUME	608545.159	4123008.814	63.64
LOCATION	L0003642	VOLUME	608553.092	4123005.763	63.59
LOCATION	L0003643	VOLUME	608561.025	4123002.712	63.55
LOCATION	L0003644	VOLUME	608568.959	4122999.660	63.56
LOCATION	L0003645	VOLUME	608576.892	4122996.609	63.62
LOCATION	L0003646	VOLUME	608584.826	4122993.558	63.70
LOCATION	L0003647	VOLUME	608592.851	4122990.767	63.74

LOCATION	L0003648	VOLUME	608600.948	4122988.181	63.76
LOCATION	L0003649	VOLUME	608609.045	4122985.594	63.75
LOCATION	L0003650	VOLUME	608617.142	4122983.008	63.68
LOCATION	L0003651	VOLUME	608625.239	4122980.421	63.62
LOCATION	L0003652	VOLUME	608633.336	4122977.835	63.57
LOCATION	L0003653	VOLUME	608641.432	4122975.248	63.57
LOCATION	L0003654	VOLUME	608649.529	4122972.662	63.59
LOCATION	L0003655	VOLUME	608657.626	4122970.075	63.63
LOCATION	L0003656	VOLUME	608665.723	4122967.489	63.68
LOCATION	L0003657	VOLUME	608673.820	4122964.902	63.75
LOCATION	L0003658	VOLUME	608681.917	4122962.316	63.82
LOCATION	L0003659	VOLUME	608690.014	4122959.729	63.88
LOCATION	L0003660	VOLUME	608698.111	4122957.143	63.88
LOCATION	L0003661	VOLUME	608706.283	4122955.107	63.84
LOCATION	L0003662	VOLUME	608714.778	4122955.418	63.87
LOCATION	L0003663	VOLUME	608723.272	4122955.729	63.90
LOCATION	L0003664	VOLUME	608731.766	4122956.040	63.96
LOCATION	L0003665	VOLUME	608740.261	4122956.350	64.36
LOCATION	L0003666	VOLUME	608748.755	4122956.661	64.75
LOCATION	L0003667	VOLUME	608757.249	4122956.972	65.12
LOCATION	L0003668	VOLUME	608765.744	4122957.283	65.44
LOCATION	L0003669	VOLUME	608774.238	4122957.594	65.75
LOCATION	L0003670	VOLUME	608782.732	4122957.904	66.06
LOCATION	L0003671	VOLUME	608791.226	4122958.215	66.35
LOCATION	L0003672	VOLUME	608799.721	4122958.526	66.65
LOCATION	L0003673	VOLUME	608808.215	4122958.837	66.87
LOCATION	L0003674	VOLUME	608816.709	4122959.147	66.98
LOCATION	L0003675	VOLUME	608825.204	4122959.458	67.10
LOCATION	L0003676	VOLUME	608833.698	4122959.769	67.19
LOCATION	L0003677	VOLUME	608837.277	4122954.895	67.17
LOCATION	L0003678	VOLUME	608837.419	4122946.396	67.11
LOCATION	L0003679	VOLUME	608837.560	4122937.898	67.05
LOCATION	L0003680	VOLUME	608837.702	4122929.399	66.99
LOCATION	L0003681	VOLUME	608837.843	4122920.900	66.91
LOCATION	L0003682	VOLUME	608837.985	4122912.401	66.82
LOCATION	L0003683	VOLUME	608838.127	4122903.902	66.73
LOCATION	L0003684	VOLUME	608838.268	4122895.404	66.64
LOCATION	L0003685	VOLUME	608838.410	4122886.905	66.59
LOCATION	L0003686	VOLUME	608838.552	4122878.406	66.53
LOCATION	L0003687	VOLUME	608838.693	4122869.907	66.47
LOCATION	L0003688	VOLUME	608837.784	4122861.807	66.43
LOCATION	L0003689	VOLUME	608832.040	4122855.541	66.40
LOCATION	L0003690	VOLUME	608826.296	4122849.276	65.99
LOCATION	L0003691	VOLUME	608820.553	4122843.010	65.49
LOCATION	L0003692	VOLUME	608814.809	4122836.744	65.03
LOCATION	L0003693	VOLUME	608809.065	4122830.478	64.63
LOCATION	L0003694	VOLUME	608803.322	4122824.212	64.51
LOCATION	L0003695	VOLUME	608797.578	4122817.947	64.74
LOCATION	L0003696	VOLUME	608791.834	4122811.681	65.16
LOCATION	L0003697	VOLUME	608786.091	4122805.415	65.77

LOCATION	L0003698	VOLUME	608778.214	4122802.534	66.04
LOCATION	L0003699	VOLUME	608770.083	4122800.060	65.64
LOCATION	L0003700	VOLUME	608761.951	4122797.585	65.33
LOCATION	L0003701	VOLUME	608753.819	4122795.110	65.62
LOCATION	L0003702	VOLUME	608745.761	4122794.437	66.54
LOCATION	L0003703	VOLUME	608737.856	4122797.562	67.23
LOCATION	L0003704	VOLUME	608729.951	4122800.687	67.63
LOCATION	L0003705	VOLUME	608722.047	4122803.812	67.67
LOCATION	L0003706	VOLUME	608714.142	4122806.937	67.54
LOCATION	L0003707	VOLUME	608706.237	4122810.062	67.41
LOCATION	L0003708	VOLUME	608698.333	4122813.188	67.67
LOCATION	L0003709	VOLUME	608690.428	4122816.313	68.05
LOCATION	L0003710	VOLUME	608682.523	4122819.438	68.51
LOCATION	L0003711	VOLUME	608674.835	4122823.029	68.63
LOCATION	L0003712	VOLUME	608667.337	4122827.035	68.89
LOCATION	L0003713	VOLUME	608659.840	4122831.040	69.33
LOCATION	L0003714	VOLUME	608652.343	4122835.045	68.93
LOCATION	L0003715	VOLUME	608644.846	4122839.051	68.53
LOCATION	L0003716	VOLUME	608637.349	4122843.056	68.38
LOCATION	L0003717	VOLUME	608629.852	4122847.061	68.35
LOCATION	L0003718	VOLUME	608622.355	4122851.067	68.43
LOCATION	L0003719	VOLUME	608614.857	4122855.072	68.72
LOCATION	L0003720	VOLUME	608607.360	4122859.077	69.06
LOCATION	L0003721	VOLUME	608599.863	4122863.083	68.77
LOCATION	L0003722	VOLUME	608592.366	4122867.088	68.14
LOCATION	L0003723	VOLUME	608584.869	4122871.093	67.63
LOCATION	L0003724	VOLUME	608577.372	4122875.099	67.45
LOCATION	L0003725	VOLUME	608569.874	4122879.104	67.58
LOCATION	L0003726	VOLUME	608562.377	4122883.109	67.98
LOCATION	L0003727	VOLUME	608554.880	4122887.115	68.15
LOCATION	L0003728	VOLUME	608547.383	4122891.120	68.05
LOCATION	L0003729	VOLUME	608539.886	4122895.125	67.53
LOCATION	L0003730	VOLUME	608532.389	4122899.131	66.97
LOCATION	L0003731	VOLUME	608524.891	4122903.136	66.79
LOCATION	L0003732	VOLUME	608517.394	4122907.141	66.93
LOCATION	L0003733	VOLUME	608509.897	4122911.147	67.38
LOCATION	L0003734	VOLUME	608502.400	4122915.152	67.25
LOCATION	L0003735	VOLUME	608494.903	4122919.157	67.13
LOCATION	L0003736	VOLUME	608487.406	4122923.163	66.92
LOCATION	L0003737	VOLUME	608479.909	4122927.168	66.47
LOCATION	L0003738	VOLUME	608472.411	4122931.173	66.27
LOCATION	L0003739	VOLUME	608464.914	4122935.179	66.31
LOCATION	L0003740	VOLUME	608457.417	4122939.184	66.43
LOCATION	L0003741	VOLUME	608449.920	4122943.189	66.30
LOCATION	L0003742	VOLUME	608442.422	4122947.228	66.20
LOCATION	L0003743	VOLUME	608435.292	4122951.824	66.11
LOCATION	L0003744	VOLUME	608428.141	4122956.419	65.69
LOCATION	L0003745	VOLUME	608420.990	4122961.014	65.45
LOCATION	L0003746	VOLUME	608413.840	4122965.610	65.44
LOCATION	L0003747	VOLUME	608406.689	4122970.205	65.44

LOCATION L0003748	VOLUME	608399.538	4122974.801	65.33
LOCATION L0003749	VOLUME	608392.388	4122979.396	65.25
LOCATION L0003750	VOLUME	608385.237	4122983.992	65.10
LOCATION L0003751	VOLUME	608378.087	4122988.587	64.82
LOCATION L0003752	VOLUME	608370.936	4122993.183	64.69
LOCATION L0003753	VOLUME	608363.785	4122997.778	64.71
LOCATION L0003754	VOLUME	608356.635	4123002.373	64.70
LOCATION L0003755	VOLUME	608349.484	4123006.969	64.64
LOCATION L0003756	VOLUME	608342.333	4123011.564	64.63
LOCATION L0003757	VOLUME	608335.183	4123016.160	64.53
LOCATION L0003758	VOLUME	608328.032	4123020.755	64.40
LOCATION L0003759	VOLUME	608320.881	4123025.351	64.34
LOCATION L0003760	VOLUME	608313.731	4123029.946	64.33
LOCATION L0003761	VOLUME	608306.580	4123034.541	64.33
LOCATION L0003762	VOLUME	608299.429	4123039.137	64.34
LOCATION L0003763	VOLUME	608292.279	4123043.732	64.39
LOCATION L0003764	VOLUME	608285.128	4123048.328	64.36
LOCATION L0003765	VOLUME	608277.977	4123052.923	64.28
LOCATION L0003766	VOLUME	608270.827	4123057.519	64.24
LOCATION L0003767	VOLUME	608263.676	4123062.114	64.24
LOCATION L0003768	VOLUME	608256.525	4123066.710	64.26
LOCATION L0003769	VOLUME	608249.375	4123071.305	64.30
LOCATION L0003770	VOLUME	608242.224	4123075.900	64.30
LOCATION L0003771	VOLUME	608235.073	4123080.496	64.29
LOCATION L0003772	VOLUME	608227.923	4123085.091	64.26
LOCATION L0003773	VOLUME	608220.772	4123089.687	64.27
LOCATION L0003774	VOLUME	608213.621	4123094.282	64.33
LOCATION L0003775	VOLUME	608206.471	4123098.878	64.34
LOCATION L0003776	VOLUME	608199.320	4123103.473	64.36
LOCATION L0003777	VOLUME	608192.169	4123108.069	64.30
LOCATION L0003778	VOLUME	608185.019	4123112.664	64.33
LOCATION L0003779	VOLUME	608177.868	4123117.259	64.35
LOCATION L0003780	VOLUME	608170.717	4123121.855	64.39
LOCATION L0003781	VOLUME	608163.567	4123126.450	64.46
LOCATION L0003782	VOLUME	608156.416	4123131.046	64.46
LOCATION L0003783	VOLUME	608149.265	4123135.641	64.38
LOCATION L0003784	VOLUME	608142.115	4123140.237	64.32
LOCATION L0003785	VOLUME	608134.964	4123144.832	64.35
LOCATION L0003786	VOLUME	608127.813	4123149.427	64.36
LOCATION L0003787	VOLUME	608120.663	4123154.023	64.40
LOCATION L0003788	VOLUME	608113.512	4123158.618	64.46
LOCATION L0003789	VOLUME	608106.361	4123163.214	64.51
LOCATION L0003790	VOLUME	608099.211	4123167.809	64.42
LOCATION L0003791	VOLUME	608092.060	4123172.405	64.40
LOCATION L0003792	VOLUME	608084.909	4123177.000	64.41
LOCATION L0003793	VOLUME	608077.759	4123181.596	64.39
LOCATION L0003794	VOLUME	608070.608	4123186.191	64.40
LOCATION L0003795	VOLUME	608063.457	4123190.786	64.45
LOCATION L0003796	VOLUME	608056.307	4123195.382	64.44
LOCATION L0003797	VOLUME	608049.156	4123199.977	64.38

LOCATION	L0003798	VOLUME	608042.005	4123204.573	64.38
LOCATION	L0003799	VOLUME	608034.855	4123209.168	64.38
LOCATION	L0003800	VOLUME	608027.704	4123213.764	64.34
LOCATION	L0003801	VOLUME	608020.553	4123218.359	64.34
LOCATION	L0003802	VOLUME	608013.403	4123222.954	64.39
LOCATION	L0003803	VOLUME	608006.252	4123227.550	64.34
LOCATION	L0003804	VOLUME	607999.101	4123232.145	64.29
LOCATION	L0003805	VOLUME	607991.951	4123236.741	64.26
LOCATION	L0003806	VOLUME	607984.800	4123241.336	64.24
LOCATION	L0003807	VOLUME	607977.650	4123245.932	64.22
LOCATION	L0003808	VOLUME	607970.499	4123250.527	64.24
LOCATION	L0003809	VOLUME	607963.348	4123255.123	64.27
LOCATION	L0003810	VOLUME	607956.198	4123259.718	64.22
LOCATION	L0003811	VOLUME	607949.047	4123264.313	64.20
LOCATION	L0003812	VOLUME	607941.896	4123268.909	64.20
LOCATION	L0003813	VOLUME	607934.746	4123273.504	64.19
LOCATION	L0003814	VOLUME	607927.595	4123278.100	64.18
LOCATION	L0003815	VOLUME	607920.444	4123282.695	64.20
LOCATION	L0003816	VOLUME	607913.294	4123287.291	64.19
LOCATION	L0003817	VOLUME	607906.143	4123291.886	64.14
LOCATION	L0003818	VOLUME	607898.992	4123296.481	64.11
LOCATION	L0003819	VOLUME	607891.842	4123301.077	64.12
LOCATION	L0003820	VOLUME	607884.691	4123305.672	64.12
LOCATION	L0003821	VOLUME	607877.540	4123310.268	64.12
LOCATION	L0003822	VOLUME	607870.390	4123314.863	64.16
LOCATION	L0003823	VOLUME	607863.239	4123319.459	64.13

\*\* End of LINE VOLUME Source ID = SLINE2

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE1

SRCPARAM	L0003341	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003342	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003343	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003344	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003345	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003346	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003347	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003348	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003349	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003350	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003351	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003352	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003353	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003354	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003355	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003356	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003357	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003358	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003359	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003360	0.0000105773	3.06	3.95	2.85
SRCPARAM	L0003361	0.0000105773	3.06	3.95	2.85











SRCPARAM L0003562	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003563	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003564	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003565	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003566	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003567	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003568	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003569	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003570	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003571	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003572	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003573	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003574	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003575	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003576	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003577	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003578	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003579	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003580	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003581	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003582	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003583	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003584	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003585	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003586	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003587	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003588	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003589	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003590	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003591	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003592	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003593	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003594	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003595	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003596	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003597	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003598	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003599	0.0000105773	3.06	3.95	2.85
SRCPARAM L0003600	0.0000105773	3.06	3.95	2.85

\*\*

\*\* LINE VOLUME Source ID = SLINE2

SRCPARAM L0003601	0.0000001758	3.06	3.95	2.85
SRCPARAM L0003602	0.0000001758	3.06	3.95	2.85
SRCPARAM L0003603	0.0000001758	3.06	3.95	2.85
SRCPARAM L0003604	0.0000001758	3.06	3.95	2.85
SRCPARAM L0003605	0.0000001758	3.06	3.95	2.85
SRCPARAM L0003606	0.0000001758	3.06	3.95	2.85
SRCPARAM L0003607	0.0000001758	3.06	3.95	2.85
SRCPARAM L0003608	0.0000001758	3.06	3.95	2.85
SRCPARAM L0003609	0.0000001758	3.06	3.95	2.85









SRCPARAM	L0003810	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003811	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003812	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003813	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003814	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003815	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003816	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003817	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003818	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003819	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003820	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003821	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003822	0.0000001758	3.06	3.95	2.85
SRCPARAM	L0003823	0.0000001758	3.06	3.95	2.85

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 URBANSRC ALL

\*\* Variable Emissions Type: "By Hour-of-Day (HROFDY)"

\*\* Variable Emission Scenario: "Scenario 1"

EMISFACT	L0003341	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003341	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003341	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003341	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003342	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003342	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003342	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003342	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003343	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003343	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003343	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003343	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003344	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003344	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003344	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003344	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003345	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003345	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003345	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003345	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003346	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003346	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003346	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003346	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003347	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003347	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003347	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	L0003347	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003348	HROFDY	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0003348	HROFDY	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0003348	HROFDY	1.0	1.0	1.0	1.0	1.0	0.0























































































EMISFACT L0003823 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0  
SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED "Rue Ferrari\_Const.rou"

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE ..\724946.SFC

PROFFILE ..\724946.PFL

SURFDATA 93232 2009

UAIRDATA 23230 2009 OAKLAND/WSO\_AP

PROFBASE 40.5 METERS

ME FINISHED

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\*\* AERMOD Output Pathway

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\*\*

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OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 24 1ST

\*\* Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "Rue Ferrari\_Const.AD\01H1GALL.PLT" 31

PLOTFILE 24 ALL 1ST "Rue Ferrari\_Const.AD\24H1GALL.PLT" 32

PLOTFILE PERIOD ALL "Rue Ferrari\_Const.AD\PE00GALL.PLT" 33

SUMMFILE "Rue Ferrari\_Const.sum"

OU FINISHED

\*\*\*\*\*

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

\*\*\*\*\*

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 12:32:49

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

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

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses URBAN Dispersion Algorithm for the SBL for 483 Source(s),  
for Total of 1 Urban Area(s):  
Urban Population = 1928000.0 ; Urban Roughness Length = 1.000 m

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Other Options Specified:

CCVR\_Sub - Meteorological data includes CCVR substitutions  
TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Assumes No FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: PM\_2.5

\*\*Model Calculates 2 Short Term Average(s) of: 1-HR 24-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 483 Source(s); 1 Source Group(s); and 157  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 483 VOLUME source(s)  
and: 0 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)

and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

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

\*\*The AERMET Input Meteorological Data Version Date: 14134

\*\*Output Options Selected:

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

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

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 40.50 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.8 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File: Rue Ferrari\_Const.err

\*\*File for Summary of Results: Rue Ferrari\_Const.sum

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*



INIT. SZ	URBAN SOURCE ID (METERS)	NUMBER EMISSION RATE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)
L0003341		0	0.10577E-04	608244.4	4123176.7	63.5	3.06	3.95
2.85	YES	HROFDY						
L0003342		0	0.10577E-04	608251.7	4123172.2	63.5	3.06	3.95
2.85	YES	HROFDY						
L0003343		0	0.10577E-04	608258.9	4123167.8	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003344		0	0.10577E-04	608266.2	4123163.3	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003345		0	0.10577E-04	608273.4	4123158.9	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003346		0	0.10577E-04	608280.7	4123154.5	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003347		0	0.10577E-04	608287.9	4123150.0	63.5	3.06	3.95
2.85	YES	HROFDY						
L0003348		0	0.10577E-04	608295.2	4123145.6	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003349		0	0.10577E-04	608302.4	4123141.2	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003350		0	0.10577E-04	608309.7	4123136.7	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003351		0	0.10577E-04	608316.9	4123132.3	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003352		0	0.10577E-04	608324.2	4123127.8	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003353		0	0.10577E-04	608331.4	4123123.4	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003354		0	0.10577E-04	608338.1	4123121.8	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003355		0	0.10577E-04	608343.1	4123128.7	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003356		0	0.10577E-04	608348.1	4123135.5	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003357		0	0.10577E-04	608353.1	4123142.4	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003358		0	0.10577E-04	608358.1	4123149.3	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003359		0	0.10577E-04	608363.1	4123156.2	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003360		0	0.10577E-04	608368.1	4123163.0	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003361		0	0.10577E-04	608373.1	4123169.9	64.5	3.06	3.95

2.85	YES	HROFDY						
L0003362		0	0.10577E-04	608378.0	4123176.8	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003363		0	0.10577E-04	608383.0	4123183.7	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003364		0	0.10577E-04	608388.0	4123190.6	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003365		0	0.10577E-04	608393.0	4123197.4	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003366		0	0.10577E-04	608398.0	4123204.3	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003367		0	0.10577E-04	608403.0	4123211.2	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003368		0	0.10577E-04	608408.0	4123218.1	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003369		0	0.10577E-04	608413.0	4123225.0	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003370		0	0.10577E-04	608418.0	4123231.8	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003371		0	0.10577E-04	608423.0	4123238.7	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003372		0	0.10577E-04	608428.0	4123245.6	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003373		0	0.10577E-04	608433.0	4123252.5	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003374		0	0.10577E-04	608438.0	4123259.3	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003375		0	0.10577E-04	608443.0	4123266.2	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003376		0	0.10577E-04	608448.0	4123273.1	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003377		0	0.10577E-04	608453.0	4123280.0	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003378		0	0.10577E-04	608457.9	4123286.9	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003379		0	0.10577E-04	608462.9	4123293.7	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003380		0	0.10577E-04	608467.9	4123300.6	64.4	3.06	3.95

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	ELEV.	HEIGHT	SY
SZ	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY					
L0003381		0	0.10577E-04	608472.9	4123307.5	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003382		0	0.10577E-04	608477.9	4123314.4	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003383		0	0.10577E-04	608482.9	4123321.3	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003384		0	0.10577E-04	608487.9	4123328.1	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003385		0	0.10577E-04	608492.9	4123335.0	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003386		0	0.10577E-04	608497.9	4123341.9	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003387		0	0.10577E-04	608502.9	4123348.8	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003388		0	0.10577E-04	608507.9	4123355.6	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003389		0	0.10577E-04	608512.9	4123362.5	64.7	3.06	3.95
2.85	YES	HROFDY						
L0003390		0	0.10577E-04	608513.1	4123369.5	64.8	3.06	3.95
2.85	YES	HROFDY						
L0003391		0	0.10577E-04	608508.4	4123376.6	64.7	3.06	3.95
2.85	YES	HROFDY						
L0003392		0	0.10577E-04	608503.7	4123383.7	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003393		0	0.10577E-04	608499.0	4123390.8	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003394		0	0.10577E-04	608494.3	4123397.8	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003395		0	0.10577E-04	608489.6	4123404.9	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003396		0	0.10577E-04	608484.9	4123412.0	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003397		0	0.10577E-04	608480.2	4123419.1	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003398		0	0.10577E-04	608474.8	4123425.5	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003399		0	0.10577E-04	608468.2	4123430.8	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003400		0	0.10577E-04	608461.5	4123436.1	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003401		0	0.10577E-04	608454.9	4123441.5	64.3	3.06	3.95

2.85	YES	HROFDY						
L0003402		0	0.10577E-04	608448.3	4123446.8	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003403		0	0.10577E-04	608441.6	4123452.1	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003404		0	0.10577E-04	608435.0	4123457.4	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003405		0	0.10577E-04	608428.4	4123462.7	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003406		0	0.10577E-04	608421.8	4123468.1	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003407		0	0.10577E-04	608416.1	4123465.7	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003408		0	0.10577E-04	608411.1	4123458.8	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003409		0	0.10577E-04	608406.1	4123452.0	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003410		0	0.10577E-04	608401.0	4123445.1	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003411		0	0.10577E-04	608396.0	4123438.3	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003412		0	0.10577E-04	608391.0	4123431.4	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003413		0	0.10577E-04	608385.9	4123424.5	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003414		0	0.10577E-04	608380.9	4123417.7	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003415		0	0.10577E-04	608375.9	4123410.8	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003416		0	0.10577E-04	608370.8	4123404.0	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003417		0	0.10577E-04	608365.8	4123397.1	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003418		0	0.10577E-04	608360.8	4123390.3	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003419		0	0.10577E-04	608355.7	4123383.4	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003420		0	0.10577E-04	608350.7	4123376.6	64.0	3.06	3.95

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT. SZ	URBAN SOURCE ID (METERS)	NUMBER EMISSION RATE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)
L0003421		0	0.10577E-04	608345.7	4123369.7	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003422		0	0.10577E-04	608340.7	4123362.9	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003423		0	0.10577E-04	608335.6	4123356.0	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003424		0	0.10577E-04	608330.6	4123349.2	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003425		0	0.10577E-04	608325.6	4123342.3	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003426		0	0.10577E-04	608320.5	4123335.5	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003427		0	0.10577E-04	608315.5	4123328.6	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003428		0	0.10577E-04	608310.5	4123321.8	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003429		0	0.10577E-04	608311.8	4123315.7	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003430		0	0.10577E-04	608318.3	4123310.2	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003431		0	0.10577E-04	608324.8	4123304.8	64.1	3.06	3.95
2.85	YES	HROFDY						
L0003432		0	0.10577E-04	608329.7	4123299.2	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003433		0	0.10577E-04	608324.5	4123292.4	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003434		0	0.10577E-04	608319.3	4123285.7	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003435		0	0.10577E-04	608314.1	4123279.0	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003436		0	0.10577E-04	608308.9	4123272.3	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003437		0	0.10577E-04	608303.7	4123265.6	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003438		0	0.10577E-04	608298.4	4123258.9	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003439		0	0.10577E-04	608293.2	4123252.1	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003440		0	0.10577E-04	608288.0	4123245.4	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003441		0	0.10577E-04	608282.8	4123238.7	63.6	3.06	3.95

2.85	YES	HROFDY						
L0003442		0	0.10577E-04	608277.6	4123232.0	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003443		0	0.10577E-04	608272.4	4123225.3	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003444		0	0.10577E-04	608267.2	4123218.6	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003445		0	0.10577E-04	608262.0	4123211.9	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003446		0	0.10577E-04	608256.7	4123205.1	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003447		0	0.10577E-04	608251.5	4123198.4	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003448		0	0.10577E-04	608257.1	4123193.7	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003449		0	0.10577E-04	608264.4	4123189.3	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003450		0	0.10577E-04	608271.6	4123184.9	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003451		0	0.10577E-04	608278.9	4123180.5	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003452		0	0.10577E-04	608286.2	4123176.1	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003453		0	0.10577E-04	608293.5	4123171.7	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003454		0	0.10577E-04	608300.7	4123167.3	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003455		0	0.10577E-04	608308.0	4123162.9	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003456		0	0.10577E-04	608315.3	4123158.5	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003457		0	0.10577E-04	608322.5	4123154.1	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003458		0	0.10577E-04	608329.6	4123151.0	64.0	3.06	3.95
2.85	YES	HROFDY						
L0003459		0	0.10577E-04	608334.6	4123157.8	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003460		0	0.10577E-04	608339.7	4123164.6	64.4	3.06	3.95

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT. SZ	URBAN SOURCE ID (METERS)	NUMBER EMISSION RATE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)
L0003461		0	0.10577E-04	608344.8	4123171.4	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003462		0	0.10577E-04	608349.9	4123178.2	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003463		0	0.10577E-04	608355.0	4123185.0	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003464		0	0.10577E-04	608360.1	4123191.8	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003465		0	0.10577E-04	608365.1	4123198.7	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003466		0	0.10577E-04	608370.2	4123205.5	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003467		0	0.10577E-04	608375.3	4123212.3	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003468		0	0.10577E-04	608380.4	4123219.1	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003469		0	0.10577E-04	608385.5	4123225.9	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003470		0	0.10577E-04	608390.5	4123232.7	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003471		0	0.10577E-04	608395.6	4123239.5	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003472		0	0.10577E-04	608400.7	4123246.3	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003473		0	0.10577E-04	608405.8	4123253.2	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003474		0	0.10577E-04	608410.9	4123260.0	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003475		0	0.10577E-04	608416.0	4123266.8	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003476		0	0.10577E-04	608421.0	4123273.6	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003477		0	0.10577E-04	608426.1	4123280.4	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003478		0	0.10577E-04	608431.2	4123287.2	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003479		0	0.10577E-04	608436.3	4123294.0	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003480		0	0.10577E-04	608441.4	4123300.8	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003481		0	0.10577E-04	608446.5	4123307.7	64.5	3.06	3.95

2.85	YES	HROFDY						
L0003482		0	0.10577E-04	608451.5	4123314.5	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003483		0	0.10577E-04	608456.6	4123321.3	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003484		0	0.10577E-04	608461.7	4123328.1	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003485		0	0.10577E-04	608466.8	4123334.9	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003486		0	0.10577E-04	608471.9	4123341.7	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003487		0	0.10577E-04	608477.0	4123348.5	64.1	3.06	3.95
2.85	YES	HROFDY						
L0003488		0	0.10577E-04	608482.0	4123355.4	64.1	3.06	3.95
2.85	YES	HROFDY						
L0003489		0	0.10577E-04	608487.1	4123362.2	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003490		0	0.10577E-04	608492.2	4123369.0	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003491		0	0.10577E-04	608497.3	4123375.8	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003492		0	0.10577E-04	608491.6	4123381.7	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003493		0	0.10577E-04	608485.4	4123387.5	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003494		0	0.10577E-04	608479.2	4123393.4	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003495		0	0.10577E-04	608473.1	4123399.2	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003496		0	0.10577E-04	608466.9	4123405.1	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003497		0	0.10577E-04	608460.7	4123410.9	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003498		0	0.10577E-04	608454.6	4123416.8	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003499		0	0.10577E-04	608448.4	4123422.6	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003500		0	0.10577E-04	608442.2	4123428.5	64.4	3.06	3.95

▲ \*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*



INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SOURCE	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY						
L0003501		0	0.10577E-04	608436.0	4123434.3	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003502		0	0.10577E-04	608429.9	4123440.2	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003503		0	0.10577E-04	608424.7	4123435.8	64.3	3.06	3.95	
2.85	YES	HROFDY							
L0003504		0	0.10577E-04	608419.7	4123428.9	64.2	3.06	3.95	
2.85	YES	HROFDY							
L0003505		0	0.10577E-04	608414.7	4123422.0	64.2	3.06	3.95	
2.85	YES	HROFDY							
L0003506		0	0.10577E-04	608409.7	4123415.1	64.2	3.06	3.95	
2.85	YES	HROFDY							
L0003507		0	0.10577E-04	608404.8	4123408.2	64.2	3.06	3.95	
2.85	YES	HROFDY							
L0003508		0	0.10577E-04	608399.8	4123401.3	64.2	3.06	3.95	
2.85	YES	HROFDY							
L0003509		0	0.10577E-04	608394.8	4123394.4	64.2	3.06	3.95	
2.85	YES	HROFDY							
L0003510		0	0.10577E-04	608389.9	4123387.5	64.3	3.06	3.95	
2.85	YES	HROFDY							
L0003511		0	0.10577E-04	608384.9	4123380.6	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003512		0	0.10577E-04	608379.9	4123373.7	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003513		0	0.10577E-04	608374.9	4123366.8	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003514		0	0.10577E-04	608370.0	4123360.0	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003515		0	0.10577E-04	608365.0	4123353.1	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003516		0	0.10577E-04	608360.0	4123346.2	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003517		0	0.10577E-04	608355.1	4123339.3	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003518		0	0.10577E-04	608350.1	4123332.4	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003519		0	0.10577E-04	608345.1	4123325.5	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003520		0	0.10577E-04	608347.7	4123319.8	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003521		0	0.10577E-04	608354.5	4123314.7	64.4	3.06	3.95	

2.85	YES	HROFDY						
L0003522		0	0.10577E-04	608361.4	4123309.7	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003523		0	0.10577E-04	608368.2	4123304.6	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003524		0	0.10577E-04	608372.5	4123299.0	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003525		0	0.10577E-04	608368.1	4123291.8	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003526		0	0.10577E-04	608362.5	4123285.4	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003527		0	0.10577E-04	608356.9	4123279.0	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003528		0	0.10577E-04	608351.2	4123272.6	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003529		0	0.10577E-04	608345.6	4123266.2	64.1	3.06	3.95
2.85	YES	HROFDY						
L0003530		0	0.10577E-04	608340.0	4123259.8	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003531		0	0.10577E-04	608334.4	4123253.4	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003532		0	0.10577E-04	608328.8	4123247.1	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003533		0	0.10577E-04	608323.2	4123240.7	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003534		0	0.10577E-04	608317.6	4123234.3	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003535		0	0.10577E-04	608312.0	4123227.9	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003536		0	0.10577E-04	608306.4	4123221.5	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003537		0	0.10577E-04	608300.8	4123215.1	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003538		0	0.10577E-04	608295.2	4123208.7	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003539		0	0.10577E-04	608289.6	4123202.3	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003540		0	0.10577E-04	608288.6	4123196.8	63.7	3.06	3.95

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT. SZ	URBAN SOURCE ID (METERS)	NUMBER EMISSION RATE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC) VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)
L0003541		0	0.10577E-04	608296.1	4123192.7	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003542		0	0.10577E-04	608303.6	4123188.7	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003543		0	0.10577E-04	608311.0	4123184.6	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003544		0	0.10577E-04	608318.5	4123180.6	64.1	3.06	3.95
2.85	YES	HROFDY						
L0003545		0	0.10577E-04	608323.9	4123186.6	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003546		0	0.10577E-04	608329.2	4123193.2	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003547		0	0.10577E-04	608334.4	4123199.9	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003548		0	0.10577E-04	608339.7	4123206.6	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003549		0	0.10577E-04	608344.9	4123213.3	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003550		0	0.10577E-04	608350.2	4123219.9	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003551		0	0.10577E-04	608355.5	4123226.6	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003552		0	0.10577E-04	608360.7	4123233.3	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003553		0	0.10577E-04	608366.0	4123240.0	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003554		0	0.10577E-04	608371.3	4123246.6	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003555		0	0.10577E-04	608376.5	4123253.3	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003556		0	0.10577E-04	608381.8	4123260.0	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003557		0	0.10577E-04	608387.1	4123266.7	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003558		0	0.10577E-04	608392.3	4123273.3	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003559		0	0.10577E-04	608397.6	4123280.0	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003560		0	0.10577E-04	608402.9	4123286.7	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003561		0	0.10577E-04	608408.1	4123293.3	64.6	3.06	3.95

2.85	YES	HROFDY						
L0003562		0	0.10577E-04	608413.4	4123300.0	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003563		0	0.10577E-04	608418.6	4123306.7	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003564		0	0.10577E-04	608423.9	4123313.4	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003565		0	0.10577E-04	608429.2	4123320.0	64.6	3.06	3.95
2.85	YES	HROFDY						
L0003566		0	0.10577E-04	608434.4	4123326.7	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003567		0	0.10577E-04	608439.7	4123333.4	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003568		0	0.10577E-04	608445.0	4123340.1	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003569		0	0.10577E-04	608450.2	4123346.7	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003570		0	0.10577E-04	608455.5	4123353.4	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003571		0	0.10577E-04	608460.8	4123360.1	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003572		0	0.10577E-04	608466.0	4123366.8	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003573		0	0.10577E-04	608471.3	4123373.4	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003574		0	0.10577E-04	608465.2	4123378.5	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003575		0	0.10577E-04	608458.3	4123383.4	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003576		0	0.10577E-04	608451.3	4123388.3	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003577		0	0.10577E-04	608444.4	4123393.1	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003578		0	0.10577E-04	608437.4	4123398.0	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003579		0	0.10577E-04	608430.5	4123402.9	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003580		0	0.10577E-04	608424.9	4123400.3	64.4	3.06	3.95

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY						
L0003581		0	0.10577E-04	608420.0	4123393.4	64.3	3.06	3.95	
2.85	YES	HROFDY							
L0003582		0	0.10577E-04	608415.2	4123386.4	64.3	3.06	3.95	
2.85	YES	HROFDY							
L0003583		0	0.10577E-04	608410.3	4123379.4	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003584		0	0.10577E-04	608405.4	4123372.4	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003585		0	0.10577E-04	608400.6	4123365.5	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003586		0	0.10577E-04	608395.7	4123358.5	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003587		0	0.10577E-04	608390.9	4123351.5	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003588		0	0.10577E-04	608386.0	4123344.5	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003589		0	0.10577E-04	608381.2	4123337.5	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003590		0	0.10577E-04	608378.0	4123330.9	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003591		0	0.10577E-04	608384.9	4123325.8	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003592		0	0.10577E-04	608391.7	4123320.7	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003593		0	0.10577E-04	608398.5	4123315.7	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003594		0	0.10577E-04	608403.2	4123321.6	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003595		0	0.10577E-04	608407.6	4123328.9	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003596		0	0.10577E-04	608412.0	4123336.1	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003597		0	0.10577E-04	608416.4	4123343.4	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003598		0	0.10577E-04	608420.8	4123350.7	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003599		0	0.10577E-04	608425.2	4123357.9	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003600		0	0.10577E-04	608429.6	4123365.2	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003601		0	0.17580E-06	608254.4	4123147.2	63.5	3.06	3.95	

2.85	YES	HROFDY						
L0003602		0	0.17580E-06	608249.2	4123140.5	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003603		0	0.17580E-06	608248.2	4123134.8	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003604		0	0.17580E-06	608255.7	4123130.9	63.5	3.06	3.95
2.85	YES	HROFDY						
L0003605		0	0.17580E-06	608263.3	4123126.9	63.4	3.06	3.95
2.85	YES	HROFDY						
L0003606		0	0.17580E-06	608270.8	4123123.0	63.4	3.06	3.95
2.85	YES	HROFDY						
L0003607		0	0.17580E-06	608278.4	4123119.1	63.5	3.06	3.95
2.85	YES	HROFDY						
L0003608		0	0.17580E-06	608285.9	4123115.2	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003609		0	0.17580E-06	608293.5	4123111.3	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003610		0	0.17580E-06	608301.0	4123107.4	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003611		0	0.17580E-06	608308.6	4123103.5	63.5	3.06	3.95
2.85	YES	HROFDY						
L0003612		0	0.17580E-06	608316.1	4123099.6	63.5	3.06	3.95
2.85	YES	HROFDY						
L0003613		0	0.17580E-06	608323.7	4123095.7	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003614		0	0.17580E-06	608331.2	4123091.8	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003615		0	0.17580E-06	608338.9	4123088.1	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003616		0	0.17580E-06	608346.8	4123085.1	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003617		0	0.17580E-06	608354.8	4123082.0	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003618		0	0.17580E-06	608362.7	4123079.0	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003619		0	0.17580E-06	608370.6	4123075.9	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003620		0	0.17580E-06	608378.6	4123072.9	64.0	3.06	3.95

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\*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT. SZ	URBAN SOURCE ID (METERS)	NUMBER EMISSION RATE PART. SCALAR CATS. BY	EMISSION RATE (GRAMS/SEC) VARY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)
L0003621		0	0.17580E-06	608386.5	4123069.8	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003622		0	0.17580E-06	608394.4	4123066.8	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003623		0	0.17580E-06	608402.4	4123063.7	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003624		0	0.17580E-06	608410.3	4123060.7	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003625		0	0.17580E-06	608418.2	4123057.6	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003626		0	0.17580E-06	608426.2	4123054.6	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003627		0	0.17580E-06	608434.1	4123051.5	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003628		0	0.17580E-06	608442.0	4123048.5	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003629		0	0.17580E-06	608450.0	4123045.4	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003630		0	0.17580E-06	608457.9	4123042.4	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003631		0	0.17580E-06	608465.8	4123039.3	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003632		0	0.17580E-06	608473.8	4123036.3	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003633		0	0.17580E-06	608481.7	4123033.2	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003634		0	0.17580E-06	608489.6	4123030.2	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003635		0	0.17580E-06	608497.6	4123027.1	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003636		0	0.17580E-06	608505.5	4123024.1	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003637		0	0.17580E-06	608513.4	4123021.0	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003638		0	0.17580E-06	608521.4	4123018.0	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003639		0	0.17580E-06	608529.3	4123014.9	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003640		0	0.17580E-06	608537.2	4123011.9	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003641		0	0.17580E-06	608545.2	4123008.8	63.6	3.06	3.95

2.85	YES	HROFDY						
L0003642		0	0.17580E-06	608553.1	4123005.8	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003643		0	0.17580E-06	608561.0	4123002.7	63.5	3.06	3.95
2.85	YES	HROFDY						
L0003644		0	0.17580E-06	608569.0	4122999.7	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003645		0	0.17580E-06	608576.9	4122996.6	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003646		0	0.17580E-06	608584.8	4122993.6	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003647		0	0.17580E-06	608592.9	4122990.8	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003648		0	0.17580E-06	608600.9	4122988.2	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003649		0	0.17580E-06	608609.0	4122985.6	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003650		0	0.17580E-06	608617.1	4122983.0	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003651		0	0.17580E-06	608625.2	4122980.4	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003652		0	0.17580E-06	608633.3	4122977.8	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003653		0	0.17580E-06	608641.4	4122975.2	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003654		0	0.17580E-06	608649.5	4122972.7	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003655		0	0.17580E-06	608657.6	4122970.1	63.6	3.06	3.95
2.85	YES	HROFDY						
L0003656		0	0.17580E-06	608665.7	4122967.5	63.7	3.06	3.95
2.85	YES	HROFDY						
L0003657		0	0.17580E-06	608673.8	4122964.9	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003658		0	0.17580E-06	608681.9	4122962.3	63.8	3.06	3.95
2.85	YES	HROFDY						
L0003659		0	0.17580E-06	608690.0	4122959.7	63.9	3.06	3.95
2.85	YES	HROFDY						
L0003660		0	0.17580E-06	608698.1	4122957.1	63.9	3.06	3.95

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*



INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
ID	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY						
L0003661		0	0.17580E-06	608706.3	4122955.1	63.8	3.06	3.95	
2.85	YES	HROFDY							
L0003662		0	0.17580E-06	608714.8	4122955.4	63.9	3.06	3.95	
2.85	YES	HROFDY							
L0003663		0	0.17580E-06	608723.3	4122955.7	63.9	3.06	3.95	
2.85	YES	HROFDY							
L0003664		0	0.17580E-06	608731.8	4122956.0	64.0	3.06	3.95	
2.85	YES	HROFDY							
L0003665		0	0.17580E-06	608740.3	4122956.3	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003666		0	0.17580E-06	608748.8	4122956.7	64.8	3.06	3.95	
2.85	YES	HROFDY							
L0003667		0	0.17580E-06	608757.2	4122957.0	65.1	3.06	3.95	
2.85	YES	HROFDY							
L0003668		0	0.17580E-06	608765.7	4122957.3	65.4	3.06	3.95	
2.85	YES	HROFDY							
L0003669		0	0.17580E-06	608774.2	4122957.6	65.8	3.06	3.95	
2.85	YES	HROFDY							
L0003670		0	0.17580E-06	608782.7	4122957.9	66.1	3.06	3.95	
2.85	YES	HROFDY							
L0003671		0	0.17580E-06	608791.2	4122958.2	66.3	3.06	3.95	
2.85	YES	HROFDY							
L0003672		0	0.17580E-06	608799.7	4122958.5	66.6	3.06	3.95	
2.85	YES	HROFDY							
L0003673		0	0.17580E-06	608808.2	4122958.8	66.9	3.06	3.95	
2.85	YES	HROFDY							
L0003674		0	0.17580E-06	608816.7	4122959.1	67.0	3.06	3.95	
2.85	YES	HROFDY							
L0003675		0	0.17580E-06	608825.2	4122959.5	67.1	3.06	3.95	
2.85	YES	HROFDY							
L0003676		0	0.17580E-06	608833.7	4122959.8	67.2	3.06	3.95	
2.85	YES	HROFDY							
L0003677		0	0.17580E-06	608837.3	4122954.9	67.2	3.06	3.95	
2.85	YES	HROFDY							
L0003678		0	0.17580E-06	608837.4	4122946.4	67.1	3.06	3.95	
2.85	YES	HROFDY							
L0003679		0	0.17580E-06	608837.6	4122937.9	67.0	3.06	3.95	
2.85	YES	HROFDY							
L0003680		0	0.17580E-06	608837.7	4122929.4	67.0	3.06	3.95	
2.85	YES	HROFDY							
L0003681		0	0.17580E-06	608837.8	4122920.9	66.9	3.06	3.95	

2.85	YES	HROFDY						
L0003682		0	0.17580E-06	608838.0	4122912.4	66.8	3.06	3.95
2.85	YES	HROFDY						
L0003683		0	0.17580E-06	608838.1	4122903.9	66.7	3.06	3.95
2.85	YES	HROFDY						
L0003684		0	0.17580E-06	608838.3	4122895.4	66.6	3.06	3.95
2.85	YES	HROFDY						
L0003685		0	0.17580E-06	608838.4	4122886.9	66.6	3.06	3.95
2.85	YES	HROFDY						
L0003686		0	0.17580E-06	608838.6	4122878.4	66.5	3.06	3.95
2.85	YES	HROFDY						
L0003687		0	0.17580E-06	608838.7	4122869.9	66.5	3.06	3.95
2.85	YES	HROFDY						
L0003688		0	0.17580E-06	608837.8	4122861.8	66.4	3.06	3.95
2.85	YES	HROFDY						
L0003689		0	0.17580E-06	608832.0	4122855.5	66.4	3.06	3.95
2.85	YES	HROFDY						
L0003690		0	0.17580E-06	608826.3	4122849.3	66.0	3.06	3.95
2.85	YES	HROFDY						
L0003691		0	0.17580E-06	608820.6	4122843.0	65.5	3.06	3.95
2.85	YES	HROFDY						
L0003692		0	0.17580E-06	608814.8	4122836.7	65.0	3.06	3.95
2.85	YES	HROFDY						
L0003693		0	0.17580E-06	608809.1	4122830.5	64.6	3.06	3.95
2.85	YES	HROFDY						
L0003694		0	0.17580E-06	608803.3	4122824.2	64.5	3.06	3.95
2.85	YES	HROFDY						
L0003695		0	0.17580E-06	608797.6	4122817.9	64.7	3.06	3.95
2.85	YES	HROFDY						
L0003696		0	0.17580E-06	608791.8	4122811.7	65.2	3.06	3.95
2.85	YES	HROFDY						
L0003697		0	0.17580E-06	608786.1	4122805.4	65.8	3.06	3.95
2.85	YES	HROFDY						
L0003698		0	0.17580E-06	608778.2	4122802.5	66.0	3.06	3.95
2.85	YES	HROFDY						
L0003699		0	0.17580E-06	608770.1	4122800.1	65.6	3.06	3.95
2.85	YES	HROFDY						
L0003700		0	0.17580E-06	608762.0	4122797.6	65.3	3.06	3.95

▲ \*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION	RATE	(GRAMS/SEC)	X	ELEV.	HEIGHT	SY
SZ	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY					
L0003701		0	0.17580E-06	608753.8	4122795.1	65.6	3.06	3.95
2.85	YES	HROFDY						
L0003702		0	0.17580E-06	608745.8	4122794.4	66.5	3.06	3.95
2.85	YES	HROFDY						
L0003703		0	0.17580E-06	608737.9	4122797.6	67.2	3.06	3.95
2.85	YES	HROFDY						
L0003704		0	0.17580E-06	608730.0	4122800.7	67.6	3.06	3.95
2.85	YES	HROFDY						
L0003705		0	0.17580E-06	608722.0	4122803.8	67.7	3.06	3.95
2.85	YES	HROFDY						
L0003706		0	0.17580E-06	608714.1	4122806.9	67.5	3.06	3.95
2.85	YES	HROFDY						
L0003707		0	0.17580E-06	608706.2	4122810.1	67.4	3.06	3.95
2.85	YES	HROFDY						
L0003708		0	0.17580E-06	608698.3	4122813.2	67.7	3.06	3.95
2.85	YES	HROFDY						
L0003709		0	0.17580E-06	608690.4	4122816.3	68.0	3.06	3.95
2.85	YES	HROFDY						
L0003710		0	0.17580E-06	608682.5	4122819.4	68.5	3.06	3.95
2.85	YES	HROFDY						
L0003711		0	0.17580E-06	608674.8	4122823.0	68.6	3.06	3.95
2.85	YES	HROFDY						
L0003712		0	0.17580E-06	608667.3	4122827.0	68.9	3.06	3.95
2.85	YES	HROFDY						
L0003713		0	0.17580E-06	608659.8	4122831.0	69.3	3.06	3.95
2.85	YES	HROFDY						
L0003714		0	0.17580E-06	608652.3	4122835.0	68.9	3.06	3.95
2.85	YES	HROFDY						
L0003715		0	0.17580E-06	608644.8	4122839.1	68.5	3.06	3.95
2.85	YES	HROFDY						
L0003716		0	0.17580E-06	608637.3	4122843.1	68.4	3.06	3.95
2.85	YES	HROFDY						
L0003717		0	0.17580E-06	608629.9	4122847.1	68.3	3.06	3.95
2.85	YES	HROFDY						
L0003718		0	0.17580E-06	608622.4	4122851.1	68.4	3.06	3.95
2.85	YES	HROFDY						
L0003719		0	0.17580E-06	608614.9	4122855.1	68.7	3.06	3.95
2.85	YES	HROFDY						
L0003720		0	0.17580E-06	608607.4	4122859.1	69.1	3.06	3.95
2.85	YES	HROFDY						
L0003721		0	0.17580E-06	608599.9	4122863.1	68.8	3.06	3.95

2.85	YES	HROFDY						
L0003722		0	0.17580E-06	608592.4	4122867.1	68.1	3.06	3.95
2.85	YES	HROFDY						
L0003723		0	0.17580E-06	608584.9	4122871.1	67.6	3.06	3.95
2.85	YES	HROFDY						
L0003724		0	0.17580E-06	608577.4	4122875.1	67.5	3.06	3.95
2.85	YES	HROFDY						
L0003725		0	0.17580E-06	608569.9	4122879.1	67.6	3.06	3.95
2.85	YES	HROFDY						
L0003726		0	0.17580E-06	608562.4	4122883.1	68.0	3.06	3.95
2.85	YES	HROFDY						
L0003727		0	0.17580E-06	608554.9	4122887.1	68.1	3.06	3.95
2.85	YES	HROFDY						
L0003728		0	0.17580E-06	608547.4	4122891.1	68.0	3.06	3.95
2.85	YES	HROFDY						
L0003729		0	0.17580E-06	608539.9	4122895.1	67.5	3.06	3.95
2.85	YES	HROFDY						
L0003730		0	0.17580E-06	608532.4	4122899.1	67.0	3.06	3.95
2.85	YES	HROFDY						
L0003731		0	0.17580E-06	608524.9	4122903.1	66.8	3.06	3.95
2.85	YES	HROFDY						
L0003732		0	0.17580E-06	608517.4	4122907.1	66.9	3.06	3.95
2.85	YES	HROFDY						
L0003733		0	0.17580E-06	608509.9	4122911.1	67.4	3.06	3.95
2.85	YES	HROFDY						
L0003734		0	0.17580E-06	608502.4	4122915.2	67.2	3.06	3.95
2.85	YES	HROFDY						
L0003735		0	0.17580E-06	608494.9	4122919.2	67.1	3.06	3.95
2.85	YES	HROFDY						
L0003736		0	0.17580E-06	608487.4	4122923.2	66.9	3.06	3.95
2.85	YES	HROFDY						
L0003737		0	0.17580E-06	608479.9	4122927.2	66.5	3.06	3.95
2.85	YES	HROFDY						
L0003738		0	0.17580E-06	608472.4	4122931.2	66.3	3.06	3.95
2.85	YES	HROFDY						
L0003739		0	0.17580E-06	608464.9	4122935.2	66.3	3.06	3.95
2.85	YES	HROFDY						
L0003740		0	0.17580E-06	608457.4	4122939.2	66.4	3.06	3.95

▲ \*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SOURCE	SOURCE	EMISSION	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY						
L0003741		0	0.17580E-06	608449.9	4122943.2	66.3	3.06	3.95	
2.85	YES	HROFDY							
L0003742		0	0.17580E-06	608442.4	4122947.2	66.2	3.06	3.95	
2.85	YES	HROFDY							
L0003743		0	0.17580E-06	608435.3	4122951.8	66.1	3.06	3.95	
2.85	YES	HROFDY							
L0003744		0	0.17580E-06	608428.1	4122956.4	65.7	3.06	3.95	
2.85	YES	HROFDY							
L0003745		0	0.17580E-06	608421.0	4122961.0	65.5	3.06	3.95	
2.85	YES	HROFDY							
L0003746		0	0.17580E-06	608413.8	4122965.6	65.4	3.06	3.95	
2.85	YES	HROFDY							
L0003747		0	0.17580E-06	608406.7	4122970.2	65.4	3.06	3.95	
2.85	YES	HROFDY							
L0003748		0	0.17580E-06	608399.5	4122974.8	65.3	3.06	3.95	
2.85	YES	HROFDY							
L0003749		0	0.17580E-06	608392.4	4122979.4	65.2	3.06	3.95	
2.85	YES	HROFDY							
L0003750		0	0.17580E-06	608385.2	4122984.0	65.1	3.06	3.95	
2.85	YES	HROFDY							
L0003751		0	0.17580E-06	608378.1	4122988.6	64.8	3.06	3.95	
2.85	YES	HROFDY							
L0003752		0	0.17580E-06	608370.9	4122993.2	64.7	3.06	3.95	
2.85	YES	HROFDY							
L0003753		0	0.17580E-06	608363.8	4122997.8	64.7	3.06	3.95	
2.85	YES	HROFDY							
L0003754		0	0.17580E-06	608356.6	4123002.4	64.7	3.06	3.95	
2.85	YES	HROFDY							
L0003755		0	0.17580E-06	608349.5	4123007.0	64.6	3.06	3.95	
2.85	YES	HROFDY							
L0003756		0	0.17580E-06	608342.3	4123011.6	64.6	3.06	3.95	
2.85	YES	HROFDY							
L0003757		0	0.17580E-06	608335.2	4123016.2	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003758		0	0.17580E-06	608328.0	4123020.8	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003759		0	0.17580E-06	608320.9	4123025.4	64.3	3.06	3.95	
2.85	YES	HROFDY							
L0003760		0	0.17580E-06	608313.7	4123029.9	64.3	3.06	3.95	
2.85	YES	HROFDY							
L0003761		0	0.17580E-06	608306.6	4123034.5	64.3	3.06	3.95	

2.85	YES	HROFDY						
L0003762		0	0.17580E-06	608299.4	4123039.1	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003763		0	0.17580E-06	608292.3	4123043.7	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003764		0	0.17580E-06	608285.1	4123048.3	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003765		0	0.17580E-06	608278.0	4123052.9	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003766		0	0.17580E-06	608270.8	4123057.5	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003767		0	0.17580E-06	608263.7	4123062.1	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003768		0	0.17580E-06	608256.5	4123066.7	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003769		0	0.17580E-06	608249.4	4123071.3	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003770		0	0.17580E-06	608242.2	4123075.9	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003771		0	0.17580E-06	608235.1	4123080.5	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003772		0	0.17580E-06	608227.9	4123085.1	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003773		0	0.17580E-06	608220.8	4123089.7	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003774		0	0.17580E-06	608213.6	4123094.3	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003775		0	0.17580E-06	608206.5	4123098.9	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003776		0	0.17580E-06	608199.3	4123103.5	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003777		0	0.17580E-06	608192.2	4123108.1	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003778		0	0.17580E-06	608185.0	4123112.7	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003779		0	0.17580E-06	608177.9	4123117.3	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003780		0	0.17580E-06	608170.7	4123121.9	64.4	3.06	3.95

▲ \*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/18/21

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
(METERS)	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		CATS.	BY						
L0003781		0	0.17580E-06	608163.6	4123126.4	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003782		0	0.17580E-06	608156.4	4123131.0	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003783		0	0.17580E-06	608149.3	4123135.6	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003784		0	0.17580E-06	608142.1	4123140.2	64.3	3.06	3.95	
2.85	YES	HROFDY							
L0003785		0	0.17580E-06	608135.0	4123144.8	64.3	3.06	3.95	
2.85	YES	HROFDY							
L0003786		0	0.17580E-06	608127.8	4123149.4	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003787		0	0.17580E-06	608120.7	4123154.0	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003788		0	0.17580E-06	608113.5	4123158.6	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003789		0	0.17580E-06	608106.4	4123163.2	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003790		0	0.17580E-06	608099.2	4123167.8	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003791		0	0.17580E-06	608092.1	4123172.4	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003792		0	0.17580E-06	608084.9	4123177.0	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003793		0	0.17580E-06	608077.8	4123181.6	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003794		0	0.17580E-06	608070.6	4123186.2	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003795		0	0.17580E-06	608063.5	4123190.8	64.5	3.06	3.95	
2.85	YES	HROFDY							
L0003796		0	0.17580E-06	608056.3	4123195.4	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003797		0	0.17580E-06	608049.2	4123200.0	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003798		0	0.17580E-06	608042.0	4123204.6	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003799		0	0.17580E-06	608034.9	4123209.2	64.4	3.06	3.95	
2.85	YES	HROFDY							
L0003800		0	0.17580E-06	608027.7	4123213.8	64.3	3.06	3.95	
2.85	YES	HROFDY							
L0003801		0	0.17580E-06	608020.6	4123218.4	64.3	3.06	3.95	

2.85	YES	HROFDY						
L0003802		0	0.17580E-06	608013.4	4123223.0	64.4	3.06	3.95
2.85	YES	HROFDY						
L0003803		0	0.17580E-06	608006.3	4123227.5	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003804		0	0.17580E-06	607999.1	4123232.1	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003805		0	0.17580E-06	607992.0	4123236.7	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003806		0	0.17580E-06	607984.8	4123241.3	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003807		0	0.17580E-06	607977.7	4123245.9	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003808		0	0.17580E-06	607970.5	4123250.5	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003809		0	0.17580E-06	607963.3	4123255.1	64.3	3.06	3.95
2.85	YES	HROFDY						
L0003810		0	0.17580E-06	607956.2	4123259.7	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003811		0	0.17580E-06	607949.0	4123264.3	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003812		0	0.17580E-06	607941.9	4123268.9	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003813		0	0.17580E-06	607934.7	4123273.5	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003814		0	0.17580E-06	607927.6	4123278.1	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003815		0	0.17580E-06	607920.4	4123282.7	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003816		0	0.17580E-06	607913.3	4123287.3	64.2	3.06	3.95
2.85	YES	HROFDY						
L0003817		0	0.17580E-06	607906.1	4123291.9	64.1	3.06	3.95
2.85	YES	HROFDY						
L0003818		0	0.17580E-06	607899.0	4123296.5	64.1	3.06	3.95
2.85	YES	HROFDY						
L0003819		0	0.17580E-06	607891.8	4123301.1	64.1	3.06	3.95
2.85	YES	HROFDY						
L0003820		0	0.17580E-06	607884.7	4123305.7	64.1	3.06	3.95

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/18/21

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*



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

L0003821	0	0.17580E-06	607877.5	4123310.3	64.1	3.06	3.95
2.85	YES	HROFDY					
L0003822	0	0.17580E-06	607870.4	4123314.9	64.2	3.06	3.95
2.85	YES	HROFDY					
L0003823	0	0.17580E-06	607863.2	4123319.5	64.1	3.06	3.95
2.85	YES	HROFDY					

\*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/18/21

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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS

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SRCGROUP ID	SOURCE IDs
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ALL	L0003341 , L0003342 , L0003343 , L0003344 , L0003345 ,
L0003346	, L0003347 , L0003348 ,
L0003354	L0003349 , L0003350 , L0003351 , L0003352 , L0003353 ,
	, L0003355 , L0003356 ,
L0003362	L0003357 , L0003358 , L0003359 , L0003360 , L0003361 ,
	, L0003363 , L0003364 ,
L0003370	L0003365 , L0003366 , L0003367 , L0003368 , L0003369 ,
	, L0003371 , L0003372 ,
L0003378	L0003373 , L0003374 , L0003375 , L0003376 , L0003377 ,
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L0003386	L0003381 , L0003382 , L0003383 , L0003384 , L0003385 ,
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 L0003418 , L0003413 , L0003414 , L0003415 , L0003416 , L0003417 ,  
 L0003426 , L0003421 , L0003422 , L0003423 , L0003424 , L0003425 ,  
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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS

\*\*\*

SRCGROUP ID	SOURCE IDs					
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L0003506	L0003501 , L0003507	, L0003502 , L0003508	, L0003503 ,	, L0003504	, L0003505	,
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L0003522	L0003517 , L0003523	, L0003518 , L0003524	, L0003519 ,	, L0003520	, L0003521	,
L0003530	L0003525 , L0003531	, L0003526 , L0003532	, L0003527 ,	, L0003528	, L0003529	,
L0003538	L0003533 , L0003539	, L0003534 , L0003540	, L0003535 ,	, L0003536	, L0003537	,
L0003546	L0003541 , L0003547	, L0003542 , L0003548	, L0003543 ,	, L0003544	, L0003545	,
L0003554	L0003549 , L0003555	, L0003550 , L0003556	, L0003551 ,	, L0003552	, L0003553	,
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L0003570	L0003565 , L0003571	, L0003566 , L0003572	, L0003567 ,	, L0003568	, L0003569	,
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L0003586	L0003581 , L0003587	, L0003582 , L0003588	, L0003583 ,	, L0003584	, L0003585	,
L0003594	L0003589 , L0003595	, L0003590 , L0003596	, L0003591 ,	, L0003592	, L0003593	,
L0003602	L0003597 , L0003603	, L0003598 , L0003604	, L0003599 ,	, L0003600	, L0003601	,
L0003610	L0003605 , L0003611	, L0003606 , L0003612	, L0003607 ,	, L0003608	, L0003609	,
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, L0003635      , L0003636      ,

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, L0003643      , L0003644      ,

L0003650      L0003645      , L0003646      , L0003647      , L0003648      , L0003649      ,
, L0003651      , L0003652      ,

L0003658      L0003653      , L0003654      , L0003655      , L0003656      , L0003657      ,
, L0003659      , L0003660      ,
^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/18/21
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS

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SRCGROUP ID	SOURCE IDs
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L0003682	L0003677 , L0003678 , L0003679 , L0003680 , L0003681 , , L0003683 , L0003684 ,
L0003690	L0003685 , L0003686 , L0003687 , L0003688 , L0003689 , , L0003691 , L0003692 ,
L0003698	L0003693 , L0003694 , L0003695 , L0003696 , L0003697 , , L0003699 , L0003700 ,
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▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS

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SRCGROUP ID  
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SOURCE IDs  
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L0003821 , L0003822 , L0003823 ,  
 ▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

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URBAN ID URBAN POP  
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SOURCE IDs  
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 L0003482      L0003477 , L0003478 , L0003479 , L0003480 , L0003481 ,  
                   , L0003483 , L0003484 ,  
  
 L0003490      L0003485 , L0003486 , L0003487 , L0003488 , L0003489 ,  
                   , L0003491 , L0003492 ,  
  
 L0003498      L0003493 , L0003494 , L0003495 , L0003496 , L0003497 ,  
                   , L0003499 , L0003500 ,

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

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

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URBAN ID	URBAN POP	SOURCE IDs
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L0003501 , L0003502 , L0003503 , L0003504 , L0003505 ,

L0003506 , L0003507 , L0003508 ,  
L0003514 , L0003509 , L0003510 , L0003511 , L0003512 , L0003513 ,  
L0003515 , L0003516 ,  
L0003522 , L0003517 , L0003518 , L0003519 , L0003520 , L0003521 ,  
L0003523 , L0003524 ,  
L0003530 , L0003525 , L0003526 , L0003527 , L0003528 , L0003529 ,  
L0003531 , L0003532 ,  
L0003538 , L0003533 , L0003534 , L0003535 , L0003536 , L0003537 ,  
L0003539 , L0003540 ,  
L0003546 , L0003541 , L0003542 , L0003543 , L0003544 , L0003545 ,  
L0003547 , L0003548 ,  
L0003554 , L0003549 , L0003550 , L0003551 , L0003552 , L0003553 ,  
L0003555 , L0003556 ,  
L0003562 , L0003557 , L0003558 , L0003559 , L0003560 , L0003561 ,  
L0003563 , L0003564 ,  
L0003570 , L0003565 , L0003566 , L0003567 , L0003568 , L0003569 ,  
L0003571 , L0003572 ,  
L0003578 , L0003573 , L0003574 , L0003575 , L0003576 , L0003577 ,  
L0003579 , L0003580 ,  
L0003586 , L0003581 , L0003582 , L0003583 , L0003584 , L0003585 ,  
L0003587 , L0003588 ,  
L0003594 , L0003589 , L0003590 , L0003591 , L0003592 , L0003593 ,  
L0003595 , L0003596 ,  
L0003602 , L0003597 , L0003598 , L0003599 , L0003600 , L0003601 ,  
L0003603 , L0003604 ,  
L0003610 , L0003605 , L0003606 , L0003607 , L0003608 , L0003609 ,  
L0003611 , L0003612 ,  
L0003618 , L0003613 , L0003614 , L0003615 , L0003616 , L0003617 ,  
L0003619 , L0003620 ,  
L0003626 , L0003621 , L0003622 , L0003623 , L0003624 , L0003625 ,  
L0003627 , L0003628 ,  
L0003634 , L0003629 , L0003630 , L0003631 , L0003632 , L0003633 ,  
L0003635 , L0003636 ,



L0003642      L0003637      , L0003638      , L0003639      , L0003640      , L0003641      ,  
                  , L0003643      , L0003644      ,  
  
 L0003650      L0003645      , L0003646      , L0003647      , L0003648      , L0003649      ,  
                  , L0003651      , L0003652      ,  
  
 L0003658      L0003653      , L0003654      , L0003655      , L0003656      , L0003657      ,  
                  , L0003659      , L0003660      ,  
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\*\*\* MODELOPTs:      RegDEFAULT      CONC      ELEV      URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
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L0003666	L0003661      , L0003662      , L0003663      , L0003664      , L0003665      , , L0003667      , L0003668      ,	
L0003674	L0003669      , L0003670      , L0003671      , L0003672      , L0003673      , , L0003675      , L0003676      ,	
L0003682	L0003677      , L0003678      , L0003679      , L0003680      , L0003681      , , L0003683      , L0003684      ,	
L0003690	L0003685      , L0003686      , L0003687      , L0003688      , L0003689      , , L0003691      , L0003692      ,	
L0003698	L0003693      , L0003694      , L0003695      , L0003696      , L0003697      , , L0003699      , L0003700      ,	
L0003706	L0003701      , L0003702      , L0003703      , L0003704      , L0003705      , , L0003707      , L0003708      ,	
L0003714	L0003709      , L0003710      , L0003711      , L0003712      , L0003713      , , L0003715      , L0003716      ,	
L0003722	L0003717      , L0003718      , L0003719      , L0003720      , L0003721      , , L0003723      , L0003724      ,	
L0003730	L0003725      , L0003726      , L0003727      , L0003728      , L0003729      , , L0003731      , L0003732      ,	

L0003738      L0003733      , L0003734      , L0003735      , L0003736      , L0003737      ,  
                  , L0003739      , L0003740      ,  
  
 L0003746      L0003741      , L0003742      , L0003743      , L0003744      , L0003745      ,  
                  , L0003747      , L0003748      ,  
  
 L0003754      L0003749      , L0003750      , L0003751      , L0003752      , L0003753      ,  
                  , L0003755      , L0003756      ,  
  
 L0003762      L0003757      , L0003758      , L0003759      , L0003760      , L0003761      ,  
                  , L0003763      , L0003764      ,  
  
 L0003770      L0003765      , L0003766      , L0003767      , L0003768      , L0003769      ,  
                  , L0003771      , L0003772      ,  
  
 L0003778      L0003773      , L0003774      , L0003775      , L0003776      , L0003777      ,  
                  , L0003779      , L0003780      ,  
  
 L0003786      L0003781      , L0003782      , L0003783      , L0003784      , L0003785      ,  
                  , L0003787      , L0003788      ,  
  
 L0003794      L0003789      , L0003790      , L0003791      , L0003792      , L0003793      ,  
                  , L0003795      , L0003796      ,  
  
 L0003802      L0003797      , L0003798      , L0003799      , L0003800      , L0003801      ,  
                  , L0003803      , L0003804      ,  
  
 L0003810      L0003805      , L0003806      , L0003807      , L0003808      , L0003809      ,  
                  , L0003811      , L0003812      ,  
  
 L0003818      L0003813      , L0003814      , L0003815      , L0003816      , L0003817      ,  
                  , L0003819      , L0003820      ,

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\*\*\* MODELOPTs:      RegDEFAULT      CONC      ELEV      URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
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L0003821      , L0003822      , L0003823      ,

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003341 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003342 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003343 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003344 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003345 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

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SOURCE ID = L0003346 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003347 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003348 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003349 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003350 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 \*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR

OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0003351 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003352 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003353 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003354 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00

23 .00000E+00 24 .00000E+00

SOURCE ID = L0003355 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

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

SOURCE ID = L0003356 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003357 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003358 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003359 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003360 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

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

-----  
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SOURCE ID = L0003361 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003362 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003363 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003364 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003365 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01

13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00	20 .00000E+00	21 .00000E+00	22 .00000E+00			
23	.00000E+00	24	.00000E+00				

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

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

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SOURCE ID = L0003366 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01	8 .10000E+01	9 .10000E+01	10 .10000E+01			
11	.10000E+01	12	.10000E+01				
	13 .10000E+01	14 .10000E+01	15 .10000E+01	16 .10000E+01			
17	.10000E+01	18	.00000E+00				
	19 .00000E+00	20 .00000E+00	21 .00000E+00	22 .00000E+00			
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003367 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01	8 .10000E+01	9 .10000E+01	10 .10000E+01			
11	.10000E+01	12	.10000E+01				
	13 .10000E+01	14 .10000E+01	15 .10000E+01	16 .10000E+01			
17	.10000E+01	18	.00000E+00				
	19 .00000E+00	20 .00000E+00	21 .00000E+00	22 .00000E+00			
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003368 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01	8 .10000E+01	9 .10000E+01	10 .10000E+01			
11	.10000E+01	12	.10000E+01				
	13 .10000E+01	14 .10000E+01	15 .10000E+01	16 .10000E+01			

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17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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```

SOURCE ID = L0003369 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0003370 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/18/21
*** AERMET - VERSION 14134 *** ***
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*** MODELOPTs: RegDFault CONC ELEV URBAN

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\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

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SOURCE ID = L0003371 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00

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19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003372 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003373 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003374 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003375 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

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SOURCE ID = L0003376 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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SOURCE ID = L0003377 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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SOURCE ID = L0003378 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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SOURCE ID = L0003379 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				

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      7 .10000E+01      8 .10000E+01      9 .10000E+01     10 .10000E+01
11 .10000E+01     12 .10000E+01
      13 .10000E+01     14 .10000E+01     15 .10000E+01     16 .10000E+01
17 .10000E+01     18 .00000E+00
      19 .00000E+00     20 .00000E+00     21 .00000E+00     22 .00000E+00
23 .00000E+00     24 .00000E+00

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SOURCE ID = L0003380 ; SOURCE TYPE = VOLUME :
      1 .00000E+00      2 .00000E+00      3 .00000E+00      4 .00000E+00
      5 .00000E+00      6 .00000E+00
      7 .10000E+01      8 .10000E+01      9 .10000E+01     10 .10000E+01
11 .10000E+01     12 .10000E+01
      13 .10000E+01     14 .10000E+01     15 .10000E+01     16 .10000E+01
17 .10000E+01     18 .00000E+00
      19 .00000E+00     20 .00000E+00     21 .00000E+00     22 .00000E+00
23 .00000E+00     24 .00000E+00

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^ *** AERMOD - VERSION 21112 ***   *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const ***   08/18/21
*** AERMET - VERSION 14134 ***   ***
***                                   ***   12:32:49

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*** MODELOPTs:  RegDFault CONC ELEV URBAN

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* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

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      HOUR   SCALAR      HOUR   SCALAR      HOUR   SCALAR      HOUR   SCALAR
      HOUR   SCALAR      HOUR   SCALAR
-----

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SOURCE ID = L0003381 ; SOURCE TYPE = VOLUME :
      1 .00000E+00      2 .00000E+00      3 .00000E+00      4 .00000E+00
      5 .00000E+00      6 .00000E+00
      7 .10000E+01      8 .10000E+01      9 .10000E+01     10 .10000E+01
11 .10000E+01     12 .10000E+01
      13 .10000E+01     14 .10000E+01     15 .10000E+01     16 .10000E+01
17 .10000E+01     18 .00000E+00
      19 .00000E+00     20 .00000E+00     21 .00000E+00     22 .00000E+00
23 .00000E+00     24 .00000E+00

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SOURCE ID = L0003382 ; SOURCE TYPE = VOLUME :
      1 .00000E+00      2 .00000E+00      3 .00000E+00      4 .00000E+00
      5 .00000E+00      6 .00000E+00
      7 .10000E+01      8 .10000E+01      9 .10000E+01     10 .10000E+01

```

11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003383 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003384 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003385 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

^ \*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003386 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003387 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003388 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003389 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				



SOURCE ID = L0003390 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

^ \*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0003391 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003392 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003393 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003394 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003395 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

^ \*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

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

SOURCE ID = L0003396 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
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5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003397 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003398 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003399 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003400 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	

23 .00000E+00 24 .00000E+00

\*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
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SOURCE ID = L0003401 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003402 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003403 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003404 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003405 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0003406 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003407 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003408 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003409 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003410 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
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                                  \*\*\*                      12:32:49

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----							
SOURCE ID = L0003411 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003412 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003413 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003414 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01

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17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0003415 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/18/21
*** AERMET - VERSION 14134 *** ***
*** 12:32:49

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*** MODELOPTs: RegDFault CONC ELEV URBAN

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\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003416 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0003417 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00

```



19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003418 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003419 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003420 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 12:32:49

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

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SOURCE ID = L0003421 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003422 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003423 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003424 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003425 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00

7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

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SOURCE ID = L0003426      ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003427      ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003428      ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01

```

11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003429 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003430 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/18/21
*** AERMET - VERSION 14134 *** ***
*** 12:32:49

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*** MODELOPTs: RegDFault CONC ELEV URBAN

```

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

```

      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
      HOUR   SCALAR   HOUR   SCALAR
-----

```

```

SOURCE ID = L0003431 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01

```

13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003432 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003433 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003434 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003435 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003436 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003437 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003438 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003439 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003440 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

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

-----

SOURCE ID = L0003441 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003442 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
---	------------	---	------------	---	------------	---	------------

5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003443 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003444 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003445 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
                                  \*\*\*                      12:32:49

\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR



OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0003446 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003447 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003448 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003449 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

```

SOURCE ID = L0003450 ; SOURCE TYPE = VOLUME :
  1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
  5 .00000E+00 6 .00000E+00
  7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/18/21
*** AERMET - VERSION 14134 *** ***
*** 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
---	---	---	---	---	---	---	---

```

SOURCE ID = L0003451 ; SOURCE TYPE = VOLUME :
  1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
  5 .00000E+00 6 .00000E+00
  7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003452 ; SOURCE TYPE = VOLUME :
  1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
  5 .00000E+00 6 .00000E+00
  7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

```



SOURCE ID = L0003456 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003457 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003458 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003459 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003460 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01

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17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/18/21
*** AERMET - VERSION 14134 *** ***
*** 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

```

SOURCE ID = L0003461 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003462 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003463 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00

```

19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003464 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003465 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003466 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00

23 .00000E+00 24 .00000E+00

SOURCE ID = L0003467 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003468 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003469 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003470 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

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Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

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\*\*\* 12:32:49

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003471 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003472 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003473 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003474 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01



```

11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0003475 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

```

SOURCE ID = L0003476 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003477 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01

```

13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003478 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003479 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003480 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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 \*\*\* 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

HOUR SCALAR HOUR SCALAR

-----  
SOURCE ID = L0003481 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003482 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003483 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003484 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003485 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003486 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003487 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003488 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
---	------------	---	------------	---	------------	---	------------

5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003489 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003490 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR				
-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0003491 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						

7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003492 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003493 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003494 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003495 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003496 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003497 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003498 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003499 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003500 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
                                  \*\*\*      12:32:49

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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0003501 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				



SOURCE ID = L0003502 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003503 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003504 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003505 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 12:32:49

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR

OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003506 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003507 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003508 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003509 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				

19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003510 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003511 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003512 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00



SOURCE ID = L0003516 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003517 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003518 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003519 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003520 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01

11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                    08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*    \*\*\*  
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\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

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

SOURCE ID = L0003521    ; SOURCE TYPE = VOLUME    :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003522    ; SOURCE TYPE = VOLUME    :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003523    ; SOURCE TYPE = VOLUME    :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				

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13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0003524 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0003525 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/18/21
*** AERMET - VERSION 14134 *** ***
*** 12:32:49

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*** MODELOPTs: RegDFault CONC ELEV URBAN

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\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

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      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
      HOUR   SCALAR   HOUR   SCALAR
-----

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SOURCE ID = L0003526 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01

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17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003527 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003528 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003529 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003530 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						



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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003531 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003532 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003533 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003534 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
---	------------	---	------------	---	------------	---	------------

5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003535 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

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

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SOURCE ID = L0003536 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003537 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						

7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003538 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003539 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003540 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003541 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003542 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003543 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003544 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003545 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\*\*\* MODELOPTs:    RegDFault    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0003546 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003547 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003548 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003549 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003550 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR				
-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0003551 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003552 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003553 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003554 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003555 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				

19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

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

SOURCE ID = L0003556 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003557 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003558 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00



23 .00000E+00 24 .00000E+00

SOURCE ID = L0003559 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003560 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0003561 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				



\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003566 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003567 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003568 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003569 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				

13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003570 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

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

SOURCE ID = L0003571 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003572 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01

17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003573 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003574 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003575 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003576 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003577 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003578 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003579 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003580 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00

5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003581      ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003582      ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003583      ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				

7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003584 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003585 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003586 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01



11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003587 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003588 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003589 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003590 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

   \* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003591      ; SOURCE TYPE = VOLUME      :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003592      ; SOURCE TYPE = VOLUME      :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003593      ; SOURCE TYPE = VOLUME      :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003594 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003595 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003596 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003597 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003598 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003599 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003600 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR

OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0003601 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003602 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003603 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003604 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00

23 .00000E+00 24 .00000E+00

SOURCE ID = L0003605 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

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

SOURCE ID = L0003606 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003607 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				



SOURCE ID = L0003611 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003612 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003613 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003614 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003615 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				



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13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/18/21
*** AERMET - VERSION 14134 *** ***
*** 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

```

      HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
    HOUR  SCALAR  HOUR  SCALAR
  - - - - -

```

```

SOURCE ID = L0003616 ; SOURCE TYPE = VOLUME :
  1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
  5 .00000E+00 6 .00000E+00
  7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003617 ; SOURCE TYPE = VOLUME :
  1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
  5 .00000E+00 6 .00000E+00
  7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003618 ; SOURCE TYPE = VOLUME :
  1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
  5 .00000E+00 6 .00000E+00
  7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01

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17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003619 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0003620 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/18/21
*** AERMET - VERSION 14134 *** ***
*** 12:32:49

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*** MODELOPTs: RegDFault CONC ELEV URBAN

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\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

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      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
      HOUR   SCALAR   HOUR   SCALAR
-----

```

```

SOURCE ID = L0003621 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00

```

19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003622 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003623 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003624 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003625 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

\*\*\* 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

-----

SOURCE ID = L0003626 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

-----

SOURCE ID = L0003627 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

-----

SOURCE ID = L0003628 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

-----

SOURCE ID = L0003629 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				

```

    7 .10000E+01    8 .10000E+01    9 .10000E+01   10 .10000E+01
11 .10000E+01   12 .10000E+01
    13 .10000E+01   14 .10000E+01   15 .10000E+01   16 .10000E+01
17 .10000E+01   18 .00000E+00
    19 .00000E+00   20 .00000E+00   21 .00000E+00   22 .00000E+00
23 .00000E+00   24 .00000E+00
```

```

SOURCE ID = L0003630 ; SOURCE TYPE = VOLUME :
    1 .00000E+00    2 .00000E+00    3 .00000E+00    4 .00000E+00
    5 .00000E+00    6 .00000E+00
    7 .10000E+01    8 .10000E+01    9 .10000E+01   10 .10000E+01
11 .10000E+01   12 .10000E+01
    13 .10000E+01   14 .10000E+01   15 .10000E+01   16 .10000E+01
17 .10000E+01   18 .00000E+00
    19 .00000E+00   20 .00000E+00   21 .00000E+00   22 .00000E+00
23 .00000E+00   24 .00000E+00
```

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^ *** AERMOD - VERSION 21112 ***    *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const ***    08/18/21
*** AERMET - VERSION 14134 ***    ***
***                               ***    12:32:49
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

```

    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
    HOUR    SCALAR    HOUR    SCALAR
-----
```

```

SOURCE ID = L0003631 ; SOURCE TYPE = VOLUME :
    1 .00000E+00    2 .00000E+00    3 .00000E+00    4 .00000E+00
    5 .00000E+00    6 .00000E+00
    7 .10000E+01    8 .10000E+01    9 .10000E+01   10 .10000E+01
11 .10000E+01   12 .10000E+01
    13 .10000E+01   14 .10000E+01   15 .10000E+01   16 .10000E+01
17 .10000E+01   18 .00000E+00
    19 .00000E+00   20 .00000E+00   21 .00000E+00   22 .00000E+00
23 .00000E+00   24 .00000E+00
```

```

SOURCE ID = L0003632 ; SOURCE TYPE = VOLUME :
    1 .00000E+00    2 .00000E+00    3 .00000E+00    4 .00000E+00
    5 .00000E+00    6 .00000E+00
    7 .10000E+01    8 .10000E+01    9 .10000E+01   10 .10000E+01
```

11	.10000E+01	12	.10000E+01						
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01		
17	.10000E+01	18	.00000E+00						
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00		
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003633 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01		
11	.10000E+01	12	.10000E+01						
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01		
17	.10000E+01	18	.00000E+00						
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00		
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003634 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01		
11	.10000E+01	12	.10000E+01						
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01		
17	.10000E+01	18	.00000E+00						
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00		
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003635 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01		
11	.10000E+01	12	.10000E+01						
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01		
17	.10000E+01	18	.00000E+00						
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00		
23	.00000E+00	24	.00000E+00						

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 12:32:49

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003636 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003637 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003638 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003639 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003640 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

^ \*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0003641 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003642 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003643 ; SOURCE TYPE = VOLUME :



1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003644 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003645 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
	7 .10000E+01		8 .10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

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

SOURCE ID = L0003646 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
---	------------	---	------------	---	------------	---	------------

5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003647 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003648 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003649 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003650 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	

23 .00000E+00 24 .00000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003651 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003652 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003653 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003654 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003655 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0003656 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003657 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003658 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003659 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003660 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
                                  \*\*\*      12:32:49

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003661 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003662 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003663 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003664 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01

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17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0003665 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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Ferrari_Const\Rue Ferrari_Const *** 08/18/21
*** AERMET - VERSION 14134 *** ***
*** 12:32:49

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*** MODELOPTs: RegDFault CONC ELEV URBAN

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\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003666 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0003667 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00

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19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003668 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003669 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003670 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

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Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 12:32:49

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

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SOURCE ID = L0003671 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003672 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003673 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003674 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003675 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				

7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
    \*\*\*                      12:32:49

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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

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SOURCE ID = L0003676      ; SOURCE TYPE = VOLUME      :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003677      ; SOURCE TYPE = VOLUME      :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003678      ; SOURCE TYPE = VOLUME      :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01

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11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0003679 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0003680 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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Ferrari_Const\Rue Ferrari_Const *** 08/18/21
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

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      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
      HOUR   SCALAR   HOUR   SCALAR
-----

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SOURCE ID = L0003681 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01

```

13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003682 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003683 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003684 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003685 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003686 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003687 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003688 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003689 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003690 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003691 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003692 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
---	------------	---	------------	---	------------	---	------------

5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003693 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003694 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003695 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

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\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR

OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = L0003696 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003697 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003698 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				
SOURCE ID = L0003699 ; SOURCE TYPE = VOLUME :							
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				



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SOURCE ID = L0003700 ; SOURCE TYPE = VOLUME :
  1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
  5 .00000E+00 6 .00000E+00
  7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

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Ferrari_Const\Rue Ferrari_Const *** 08/18/21
*** AERMET - VERSION 14134 *** ***
*** 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
---	---	---	---	---	---	---	---

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SOURCE ID = L0003701 ; SOURCE TYPE = VOLUME :
  1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
  5 .00000E+00 6 .00000E+00
  7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003702 ; SOURCE TYPE = VOLUME :
  1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
  5 .00000E+00 6 .00000E+00
  7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
 11 .10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
 17 .10000E+01 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
 23 .00000E+00 24 .00000E+00

```



SOURCE ID = L0003706 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003707 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003708 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003709 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003710 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01

17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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 \*\*\* 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003711		; SOURCE TYPE = VOLUME					
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003712		; SOURCE TYPE = VOLUME					
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003713		; SOURCE TYPE = VOLUME					
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				

19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003714 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003715 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003716 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00

23 .00000E+00 24 .00000E+00

SOURCE ID = L0003717 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003718 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003719 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003720 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003721 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003722 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003723 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003724 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01

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11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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SOURCE ID = L0003725 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.10000E+01	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

```

SOURCE ID = L0003726 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003727 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01

```



13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003728 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003729 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003730 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

HOUR SCALAR HOUR SCALAR

-----  
SOURCE ID = L0003731 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003732 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003733 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003734 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003735 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003736      ; SOURCE TYPE = VOLUME      :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003737      ; SOURCE TYPE = VOLUME      :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003738      ; SOURCE TYPE = VOLUME      :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
---	------------	---	------------	---	------------	---	------------

5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003739 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003740 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

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

SOURCE ID = L0003741 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						

7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003742 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003743 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003744 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003745 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003746 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003747 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003748 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003749 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003750 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003751 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003752 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003753 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003754 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003755 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR

OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003756 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003757 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003758 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003759 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				

19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003760 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003761 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003762 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00

23 .00000E+00 24 .00000E+00

SOURCE ID = L0003763 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003764 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003765 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

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

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SOURCE ID = L0003766 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003767 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003768 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003769 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
11 .10000E+01 12 .10000E+01  
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
17 .10000E+01 18 .00000E+00  
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
23 .00000E+00 24 .00000E+00

SOURCE ID = L0003770 ; SOURCE TYPE = VOLUME :  
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
5 .00000E+00 6 .00000E+00  
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01

11	.10000E+01	12	.10000E+01				
	13 .10000E+01		14 .10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
	19 .00000E+00		20 .00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

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

SOURCE ID = L0003771      ; SOURCE TYPE = VOLUME    :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003772      ; SOURCE TYPE = VOLUME    :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003773      ; SOURCE TYPE = VOLUME    :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				

```

13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003774 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = L0003775 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01
17 .10000E+01 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/18/21
*** AERMET - VERSION 14134 *** ***
*** 12:32:49

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*** MODELOPTs: RegDFault CONC ELEV URBAN

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\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

```

      HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
      HOUR   SCALAR   HOUR   SCALAR
-----

```

```

SOURCE ID = L0003776 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01
11 .10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01

```

17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003777 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003778 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003779 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003780 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003781 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003782 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003783 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003784 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
---	------------	---	------------	---	------------	---	------------



5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003785 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDEFAULT      CONC      ELEV      URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR				
-----							
-----							

SOURCE ID = L0003786 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	
11	.10000E+01	12	.10000E+01						
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00						
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	
23	.00000E+00	24	.00000E+00						

SOURCE ID = L0003787 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00		
5	.00000E+00	6	.00000E+00						

7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003788 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003789 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003790 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 12:32:49

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

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

```

SOURCE ID = L0003791 ; SOURCE TYPE = VOLUME :
  1 .00000E+00      2 .00000E+00      3 .00000E+00      4 .00000E+00
  5 .00000E+00      6 .00000E+00
  7 .10000E+01      8 .10000E+01      9 .10000E+01     10 .10000E+01
 11 .10000E+01     12 .10000E+01
 13 .10000E+01     14 .10000E+01     15 .10000E+01     16 .10000E+01
 17 .10000E+01     18 .00000E+00
 19 .00000E+00     20 .00000E+00     21 .00000E+00     22 .00000E+00
 23 .00000E+00     24 .00000E+00

```

```

SOURCE ID = L0003792 ; SOURCE TYPE = VOLUME :
  1 .00000E+00      2 .00000E+00      3 .00000E+00      4 .00000E+00
  5 .00000E+00      6 .00000E+00
  7 .10000E+01      8 .10000E+01      9 .10000E+01     10 .10000E+01
 11 .10000E+01     12 .10000E+01
 13 .10000E+01     14 .10000E+01     15 .10000E+01     16 .10000E+01
 17 .10000E+01     18 .00000E+00
 19 .00000E+00     20 .00000E+00     21 .00000E+00     22 .00000E+00
 23 .00000E+00     24 .00000E+00

```

```

SOURCE ID = L0003793 ; SOURCE TYPE = VOLUME :
  1 .00000E+00      2 .00000E+00      3 .00000E+00      4 .00000E+00
  5 .00000E+00      6 .00000E+00
  7 .10000E+01      8 .10000E+01      9 .10000E+01     10 .10000E+01
 11 .10000E+01     12 .10000E+01
 13 .10000E+01     14 .10000E+01     15 .10000E+01     16 .10000E+01
 17 .10000E+01     18 .00000E+00
 19 .00000E+00     20 .00000E+00     21 .00000E+00     22 .00000E+00
 23 .00000E+00     24 .00000E+00

```

```

SOURCE ID = L0003794 ; SOURCE TYPE = VOLUME :
  1 .00000E+00      2 .00000E+00      3 .00000E+00      4 .00000E+00
  5 .00000E+00      6 .00000E+00
  7 .10000E+01      8 .10000E+01      9 .10000E+01     10 .10000E+01
 11 .10000E+01     12 .10000E+01
 13 .10000E+01     14 .10000E+01     15 .10000E+01     16 .10000E+01
 17 .10000E+01     18 .00000E+00
 19 .00000E+00     20 .00000E+00     21 .00000E+00     22 .00000E+00
 23 .00000E+00     24 .00000E+00

```

SOURCE ID = L0003795 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0003796 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003797 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003798 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003799 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003800 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR				
-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0003801 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003802 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003803 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003804 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003805 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					

19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = L0003806 ; SOURCE TYPE = VOLUME :	
1 .00000E+00	2 .00000E+00
5 .00000E+00	6 .00000E+00
7 .10000E+01	8 .10000E+01
11 .10000E+01	12 .10000E+01
13 .10000E+01	14 .10000E+01
17 .10000E+01	18 .00000E+00
19 .00000E+00	20 .00000E+00
23 .00000E+00	24 .00000E+00

SOURCE ID = L0003807 ; SOURCE TYPE = VOLUME :	
1 .00000E+00	2 .00000E+00
5 .00000E+00	6 .00000E+00
7 .10000E+01	8 .10000E+01
11 .10000E+01	12 .10000E+01
13 .10000E+01	14 .10000E+01
17 .10000E+01	18 .00000E+00
19 .00000E+00	20 .00000E+00
23 .00000E+00	24 .00000E+00

SOURCE ID = L0003808 ; SOURCE TYPE = VOLUME :	
1 .00000E+00	2 .00000E+00
5 .00000E+00	6 .00000E+00
7 .10000E+01	8 .10000E+01
11 .10000E+01	12 .10000E+01
13 .10000E+01	14 .10000E+01
17 .10000E+01	18 .00000E+00
19 .00000E+00	20 .00000E+00

23 .00000E+00 24 .00000E+00

SOURCE ID = L0003809 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003810 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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 \*\*\* 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR  
 OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----

SOURCE ID = L0003811 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				



SOURCE ID = L0003812 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003813 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003814 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003815 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0003816 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003817 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003818 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

SOURCE ID = L0003819 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01				

13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003820 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*                      08/18/21  
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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN

\* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY \*

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

SOURCE ID = L0003821 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01
17	.10000E+01	18	.00000E+00					
	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00					

SOURCE ID = L0003822 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	
5	.00000E+00	6	.00000E+00					
	7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01					
	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01

17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

SOURCE ID = L0003823 ; SOURCE TYPE = VOLUME :  
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00  
 5 .00000E+00 6 .00000E+00  
 7 .10000E+01 8 .10000E+01 9 .10000E+01 10 .10000E+01  
 11 .10000E+01 12 .10000E+01  
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .10000E+01  
 17 .10000E+01 18 .00000E+00  
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00  
 23 .00000E+00 24 .00000E+00

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

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

( 608017.1, 4122906.7, 61.4, 314.7, 0.0); ( 608052.1,  
 4122906.7, 61.2, 314.7, 0.0);  
 ( 608087.1, 4122906.7, 61.6, 314.7, 0.0); ( 608122.1,  
 4122906.7, 62.0, 314.7, 0.0);  
 ( 608157.1, 4122906.7, 61.9, 314.7, 0.0); ( 608192.1,  
 4122906.7, 62.2, 314.7, 0.0);  
 ( 608227.1, 4122906.7, 62.3, 314.7, 0.0); ( 608262.1,  
 4122906.7, 62.0, 314.7, 0.0);  
 ( 608297.1, 4122906.7, 62.3, 314.7, 0.0); ( 608332.1,  
 4122906.7, 62.6, 314.7, 0.0);  
 ( 608367.1, 4122906.7, 62.6, 314.7, 0.0); ( 608612.1,  
 4122906.7, 63.2, 314.7, 0.0);  
 ( 608647.1, 4122906.7, 63.2, 314.7, 0.0); ( 608017.1,  
 4122941.7, 61.3, 314.7, 0.0);  
 ( 608052.1, 4122941.7, 60.8, 314.7, 0.0); ( 608087.1,  
 4122941.7, 61.4, 314.7, 0.0);  
 ( 608122.1, 4122941.7, 61.3, 314.7, 0.0); ( 608157.1,  
 4122941.7, 60.9, 314.7, 0.0);  
 ( 608192.1, 4122941.7, 61.4, 314.7, 0.0); ( 608227.1,  
 4122941.7, 61.8, 314.7, 0.0);  
 ( 608262.1, 4122941.7, 62.3, 314.7, 0.0); ( 608297.1,  
 4122941.7, 62.4, 314.7, 0.0);  
 ( 608332.1, 4122941.7, 63.5, 314.7, 0.0); ( 608507.1,

4122941.7, 64.5, 314.7, 0.0);  
( 608542.1, 4122941.7, 63.1, 314.7, 0.0); ( 608577.1,  
4122941.7, 63.1, 314.7, 0.0);  
( 608612.1, 4122941.7, 63.2, 314.7, 0.0); ( 608647.1,  
4122941.7, 63.3, 314.7, 0.0);  
( 608017.1, 4122976.7, 61.2, 314.7, 0.0); ( 608052.1,  
4122976.7, 60.8, 314.7, 0.0);  
( 608087.1, 4122976.7, 60.7, 314.7, 0.0); ( 608122.1,  
4122976.7, 61.1, 314.7, 0.0);  
( 608157.1, 4122976.7, 61.2, 314.7, 0.0); ( 608192.1,  
4122976.7, 61.6, 314.7, 0.0);  
( 608227.1, 4122976.7, 62.2, 314.7, 0.0); ( 608262.1,  
4122976.7, 62.9, 314.7, 0.0);  
( 608297.1, 4122976.7, 63.3, 314.7, 0.0); ( 608472.1,  
4122976.7, 63.5, 314.7, 0.0);  
( 608507.1, 4122976.7, 63.0, 314.7, 0.0); ( 608542.1,  
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( 608577.1, 4122976.7, 63.5, 314.7, 0.0); ( 608612.1,  
4122976.7, 63.6, 314.7, 0.0);  
( 608717.1, 4122976.7, 64.2, 314.7, 0.0); ( 608017.1,  
4123011.7, 60.5, 314.7, 0.0);  
( 608052.1, 4123011.7, 61.3, 314.7, 0.0); ( 608087.1,  
4123011.7, 61.4, 314.7, 0.0);  
( 608122.1, 4123011.7, 61.3, 314.7, 0.0); ( 608157.1,  
4123011.7, 60.8, 314.7, 0.0);  
( 608192.1, 4123011.7, 61.5, 314.7, 0.0); ( 608227.1,  
4123011.7, 62.4, 314.7, 0.0);  
( 608437.1, 4123011.7, 63.2, 314.7, 0.0); ( 608472.1,  
4123011.7, 63.1, 314.7, 0.0);  
( 608717.1, 4123011.7, 64.5, 314.7, 0.0); ( 608017.1,  
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( 608052.1, 4123046.7, 61.3, 314.7, 0.0); ( 608087.1,  
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( 608122.1, 4123046.7, 61.2, 314.7, 0.0); ( 608157.1,  
4123046.7, 61.7, 314.7, 0.0);  
( 608192.1, 4123046.7, 62.7, 314.7, 0.0); ( 608717.1,  
4123046.7, 64.4, 314.7, 0.0);  
( 608017.1, 4123081.7, 61.0, 314.7, 0.0); ( 608052.1,  
4123081.7, 61.1, 314.7, 0.0);  
( 608087.1, 4123081.7, 61.7, 314.7, 0.0); ( 608122.1,  
4123081.7, 62.2, 314.7, 0.0);  
( 608157.1, 4123081.7, 63.3, 314.7, 0.0); ( 608472.1,  
4123081.7, 63.9, 314.7, 0.0);  
( 608507.1, 4123081.7, 64.0, 314.7, 0.0); ( 608542.1,  
4123081.7, 63.9, 314.7, 0.0);  
( 608717.1, 4123081.7, 64.3, 314.7, 0.0); ( 608017.1,  
4123116.7, 61.4, 314.7, 0.0);  
( 608052.1, 4123116.7, 61.7, 314.7, 0.0); ( 608087.1,  
4123116.7, 62.9, 314.7, 0.0);  
( 608437.1, 4123116.7, 64.2, 314.7, 0.0); ( 608472.1,

4123116.7, 64.3, 314.7, 0.0);  
 ( 608507.1, 4123116.7, 64.2, 314.7, 0.0); ( 608542.1,  
 4123116.7, 64.1, 314.7, 0.0);  
 ( 608717.1, 4123116.7, 64.5, 314.7, 0.0); ( 608017.1,  
 4123151.7, 62.4, 314.7, 0.0);  
 ( 608052.1, 4123151.7, 63.4, 314.7, 0.0); ( 608437.1,  
 4123151.7, 64.0, 314.7, 0.0);  
 ( 608472.1, 4123151.7, 64.2, 314.7, 0.0); ( 608507.1,  
 4123151.7, 63.9, 314.7, 0.0);  
 ( 608542.1, 4123151.7, 64.1, 314.7, 0.0); ( 608647.1,  
 4123151.7, 64.9, 314.7, 0.0);  
 ( 608682.1, 4123151.7, 65.6, 314.7, 0.0); ( 608717.1,  
 4123151.7, 65.6, 314.7, 0.0);  
 ( 608647.1, 4123186.7, 65.7, 314.7, 0.0); ( 608682.1,  
 4123186.7, 65.9, 314.7, 0.0);  
 ( 608717.1, 4123186.7, 66.0, 314.7, 0.0); ( 608507.1,  
 4123221.7, 65.1, 314.7, 0.0);

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

( 608542.1, 4123221.7, 65.2, 314.7, 0.0); ( 608577.1,  
 4123221.7, 65.4, 314.7, 0.0);  
 ( 608647.1, 4123221.7, 65.7, 314.7, 0.0); ( 608682.1,  
 4123221.7, 66.0, 314.7, 0.0);  
 ( 608717.1, 4123221.7, 65.9, 314.7, 0.0); ( 608542.1,  
 4123256.7, 65.3, 314.7, 0.0);  
 ( 608577.1, 4123256.7, 65.6, 314.7, 0.0); ( 608647.1,  
 4123256.7, 65.8, 314.7, 0.0);  
 ( 608682.1, 4123256.7, 66.1, 314.7, 0.0); ( 608717.1,  
 4123256.7, 66.1, 314.7, 0.0);  
 ( 608542.1, 4123291.7, 65.0, 314.7, 0.0); ( 608263.0,  
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 ( 608263.0, 4122834.6, 61.9, 314.7, 0.0); ( 608298.0,  
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 ( 608333.0, 4122834.6, 62.5, 314.7, 0.0); ( 608368.0,  
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 ( 608403.0, 4122836.2, 62.2, 314.7, 0.0); ( 608263.0,

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 ( 608801.9, 4123056.6, 64.5, 314.7, 0.0); ( 608766.9,  
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 ( 608801.9, 4123091.6, 65.0, 314.7, 0.0);

^ \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*





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

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

1.54, 3.09, 5.14, 8.23,  
10.80,

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

Surface file: ..\724946.SFC  
Met Version: 14134  
Profile file: ..\724946.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93232 Upper air station no.: 23230  
Name: UNKNOWN Name:  
OAKLAND/WSO\_AP Year: 2009 Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
09	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							



\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0003341 , L0003342  
 , L0003343 , L0003344 , L0003345 ,  
 , L0003351 , L0003346 , L0003347 , L0003348 , L0003349 , L0003350  
 , L0003359 , L0003352 , L0003353 ,  
 , L0003354 , L0003355 , L0003356 , L0003357 , L0003358  
 , L0003367 , L0003360 , L0003361 ,  
 , L0003362 , L0003363 , L0003364 , L0003365 , L0003366  
 , L0003368 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M<sup>3</sup>

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
608017.11	4122906.72	0.00054	608052.11
4122906.72	0.00059		
608087.11	4122906.72	0.00064	608122.11
4122906.72	0.00069		
608157.11	4122906.72	0.00074	608192.11
4122906.72	0.00080		
608227.11	4122906.72	0.00087	608262.11
4122906.72	0.00096		
608297.11	4122906.72	0.00109	608332.11
4122906.72	0.00128		
608367.11	4122906.72	0.00153	608612.11
4122906.72	0.00391		
608647.11	4122906.72	0.00399	608017.11
4122941.72	0.00062		
608052.11	4122941.72	0.00068	608087.11
4122941.72	0.00075		
608122.11	4122941.72	0.00082	608157.11
4122941.72	0.00090		
608192.11	4122941.72	0.00098	608227.11
4122941.72	0.00109		
608262.11	4122941.72	0.00122	608297.11
4122941.72	0.00141		
608332.11	4122941.72	0.00170	608507.11
4122941.72	0.00437		
608542.11	4122941.72	0.00460	608577.11
4122941.72	0.00479		

608612.11	4122941.72	0.00492	608647.11
4122941.72	0.00501		
608017.11	4122976.72	0.00072	608052.11
4122976.72	0.00080		
608087.11	4122976.72	0.00088	608122.11
4122976.72	0.00099		
608157.11	4122976.72	0.00110	608192.11
4122976.72	0.00124		
608227.11	4122976.72	0.00140	608262.11
4122976.72	0.00162		
608297.11	4122976.72	0.00194	608472.11
4122976.72	0.00544		
608507.11	4122976.72	0.00586	608542.11
4122976.72	0.00615		
608577.11	4122976.72	0.00637	608612.11
4122976.72	0.00653		
608717.11	4122976.72	0.00579	608017.11
4123011.72	0.00085		
608052.11	4123011.72	0.00095	608087.11
4123011.72	0.00107		
608122.11	4123011.72	0.00122	608157.11
4123011.72	0.00139		
608192.11	4123011.72	0.00161	608227.11
4123011.72	0.00189		
608437.11	4123011.72	0.00730	608472.11
4123011.72	0.00800		
608717.11	4123011.72	0.00646	608017.11
4123046.72	0.00101		
608052.11	4123046.72	0.00115	608087.11
4123046.72	0.00132		
608122.11	4123046.72	0.00153	608157.11
4123046.72	0.00182		
608192.11	4123046.72	0.00220	608717.11
4123046.72	0.00738		
608017.11	4123081.72	0.00123	608052.11
4123081.72	0.00142		
608087.11	4123081.72	0.00168	608122.11
4123081.72	0.00202		
608157.11	4123081.72	0.00251	608472.11
4123081.72	0.01635		
608507.11	4123081.72	0.01467	608542.11
4123081.72	0.01326		
608717.11	4123081.72	0.00840	608017.11
4123116.72	0.00151		
608052.11	4123116.72	0.00180	608087.11
4123116.72	0.00220		
608437.11	4123116.72	0.02718	608472.11
4123116.72	0.02234		
608507.11	4123116.72	0.01903	608542.11
4123116.72	0.01660		

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        608717.11    4123116.72          0.00944          608017.11
4123151.72          0.00188
        608052.11    4123151.72          0.00232          608437.11
4123151.72          0.03791
^ *** AERMOD - VERSION 21112 ***   *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const ***   08/18/21
*** AERMET - VERSION 14134 ***   ***
***                                     12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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*** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
                                INCLUDING SOURCE(S):   L0003341   , L0003342
, L0003343   , L0003344   , L0003345   ,
              L0003346   , L0003347   , L0003348   , L0003349   , L0003350
, L0003351   , L0003352   , L0003353   ,
              L0003354   , L0003355   , L0003356   , L0003357   , L0003358
, L0003359   , L0003360   , L0003361   ,
              L0003362   , L0003363   , L0003364   , L0003365   , L0003366
, L0003367   , L0003368   , . . .   ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
608472.11	4123151.72	0.02936	608507.11
4123151.72	0.02406		
608542.11	4123151.72	0.02041	608647.11
4123151.72	0.01356		
608682.11	4123151.72	0.01192	608717.11
4123151.72	0.01045		
608647.11	4123186.72	0.01538	608682.11
4123186.72	0.01319		
608717.11	4123186.72	0.01130	608507.11
4123221.72	0.03766		
608542.11	4123221.72	0.03003	608577.11
4123221.72	0.02466		
608647.11	4123221.72	0.01707	608682.11
4123221.72	0.01423		
608717.11	4123221.72	0.01188	608542.11
4123256.72	0.03647		
608577.11	4123256.72	0.02880	608647.11

4123256.72	0.01840		
608682.11	4123256.72	0.01482	608717.11
4123256.72	0.01205		
608542.11	4123291.72	0.04470	608262.95
4122799.62	0.00054		
608297.95	4122799.62	0.00059	608332.95
4122799.62	0.00066		
608367.95	4122799.62	0.00075	608402.95
4122801.23	0.00087		
608262.95	4122834.62	0.00064	608297.95
4122834.62	0.00071		
608332.95	4122834.62	0.00080	608367.95
4122834.62	0.00092		
608402.95	4122836.23	0.00108	608262.95
4122869.62	0.00077		
608297.95	4122869.62	0.00086	608332.95
4122869.62	0.00099		
608367.95	4122869.62	0.00115	608402.95
4122871.23	0.00139		
608262.95	4122694.62	0.00035	608297.95
4122694.62	0.00038		
608332.95	4122694.62	0.00042	608367.95
4122694.62	0.00046		
608402.95	4122696.23	0.00051	608262.95
4122729.62	0.00040		
608297.95	4122729.62	0.00044	608332.95
4122729.62	0.00048		
608367.95	4122729.62	0.00053	608402.95
4122731.23	0.00060		
608262.95	4122764.62	0.00046	608297.95
4122764.62	0.00051		
608332.95	4122764.62	0.00056	608367.95
4122764.62	0.00063		
608402.95	4122766.23	0.00071	608439.11
4122799.62	0.00099		
608474.11	4122799.62	0.00114	608439.11
4122834.62	0.00125		
608474.11	4122834.62	0.00146	608439.11
4122694.62	0.00057		
608474.11	4122694.62	0.00063	608509.11
4122694.62	0.00070		
608544.11	4122694.62	0.00078	608579.11
4122694.62	0.00087		
608439.11	4122729.62	0.00067	608474.11
4122729.62	0.00075		
608509.11	4122729.62	0.00085	608544.11
4122729.62	0.00095		
608579.11	4122729.62	0.00107	608439.11
4122764.62	0.00081		
608474.11	4122764.62	0.00092	608509.11

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4122764.62      0.00104
      608544.11    4122764.62      0.00118      608766.92
4122986.59      0.00550
      608801.92    4122986.59      0.00519      608766.92
4123021.59      0.00608
      608801.92    4123021.59      0.00565      608766.92
4123056.59      0.00680
      608801.92    4123056.59      0.00622      608766.92
4123091.59      0.00753
      608801.92    4123091.59      0.00678

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^ *** AERMOD - VERSION 21112 ***   *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const ***   08/18/21
*** AERMET - VERSION 14134 ***   ***
***                               ***   12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):      L0003341      , L0003342
, L0003343      , L0003344      , L0003345      ,
      L0003346      , L0003347      , L0003348      , L0003349      , L0003350
, L0003351      , L0003352      , L0003353      ,
      L0003354      , L0003355      , L0003356      , L0003357      , L0003358
, L0003359      , L0003360      , L0003361      ,
      L0003362      , L0003363      , L0003364      , L0003365      , L0003366
, L0003367      , L0003368      , . . .      ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
608017.11	4122906.72	0.10500 (09122308)	608052.11
4122906.72	0.11486 (11020408)		
608087.11	4122906.72	0.12416 (11020408)	608122.11
4122906.72	0.12713 (11020408)		
608157.11	4122906.72	0.13379 (10120808)	608192.11
4122906.72	0.13866 (13122817)		
608227.11	4122906.72	0.17231 (13122817)	608262.11
4122906.72	0.19018 (13122817)		
608297.11	4122906.72	0.18664 (13122817)	608332.11
4122906.72	0.16489 (11031307)		

608367.11	4122906.72	0.17787	(11031307)	608612.11
4122906.72	0.13173 (13123117)			
608647.11	4122906.72	0.13236	(13123117)	608017.11
4122941.72	0.11336 (09122308)			
608052.11	4122941.72	0.11967	(09122308)	608087.11
4122941.72	0.13347 (11020408)			
608122.11	4122941.72	0.14348	(11020408)	608157.11
4122941.72	0.14588 (10120808)			
608192.11	4122941.72	0.15483	(10120808)	608227.11
4122941.72	0.18424 (13122817)			
608262.11	4122941.72	0.21384	(13122817)	608297.11
4122941.72	0.21577 (13122817)			
608332.11	4122941.72	0.19179	(13122817)	608507.11
4122941.72	0.16641 (13120417)			
608542.11	4122941.72	0.14445	(13120417)	608577.11
4122941.72	0.14521 (13123117)			
608612.11	4122941.72	0.14546	(13123117)	608647.11
4122941.72	0.14344 (13123117)			
608017.11	4122976.72	0.12685	(11021907)	608052.11
4122976.72	0.12969 (09122308)			
608087.11	4122976.72	0.13893	(09122308)	608122.11
4122976.72	0.15696 (11020408)			
608157.11	4122976.72	0.16848	(11020408)	608192.11
4122976.72	0.17697 (10120808)			
608227.11	4122976.72	0.19691	(13122817)	608262.11
4122976.72	0.24204 (13122817)			
608297.11	4122976.72	0.25443	(13122817)	608472.11
4122976.72	0.19363 (13120417)			
608507.11	4122976.72	0.17351	(13120417)	608542.11
4122976.72	0.16267 (13123117)			
608577.11	4122976.72	0.16200	(13123117)	608612.11
4122976.72	0.15830 (13123117)			
608717.11	4122976.72	0.13273	(13123117)	608017.11
4123011.72	0.16030 (12123107)			
608052.11	4123011.72	0.15576	(12123107)	608087.11
4123011.72	0.15282 (09122308)			
608122.11	4123011.72	0.16661	(09122308)	608157.11
4123011.72	0.18823 (11020408)			
608192.11	4123011.72	0.20309	(11020408)	608227.11
4123011.72	0.21807 (10120808)			
608437.11	4123011.72	0.22677	(11102607)	608472.11
4123011.72	0.20673 (13120417)			
608717.11	4123011.72	0.13344	(13123117)	608017.11
4123046.72	0.20011 (11022207)			
608052.11	4123046.72	0.20041	(11022207)	608087.11
4123046.72	0.19872 (12123107)			
608122.11	4123046.72	0.18783	(11021907)	608157.11
4123046.72	0.20452 (09122308)			
608192.11	4123046.72	0.24102	(11020408)	608717.11
4123046.72	0.13881 (13120117)			



608017.11	4123081.72	0.22912	(11022207)	608052.11
4123081.72	0.24469	(11022207)		
608087.11	4123081.72	0.25747	(11022207)	608122.11
4123081.72	0.26280	(11022207)		
608157.11	4123081.72	0.26233	(12123107)	608472.11
4123081.72	0.24409	(11102607)		
608507.11	4123081.72	0.22493	(13123117)	608542.11
4123081.72	0.21345	(13123117)		
608717.11	4123081.72	0.14993	(13120117)	608017.11
4123116.72	0.23249	(11022207)		
608052.11	4123116.72	0.26077	(11022207)	608087.11
4123116.72	0.29494	(11022207)		
608437.11	4123116.72	0.31788	(11102607)	608472.11
4123116.72	0.27090	(11102607)		
608507.11	4123116.72	0.25005	(13123117)	608542.11
4123116.72	0.23482	(13123117)		
608717.11	4123116.72	0.16009	(12121807)	608017.11
4123151.72	0.21701	(11022207)		
608052.11	4123151.72	0.25082	(11022207)	608437.11
4123151.72	0.36682	(11102607)		

^ \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0003341 , L0003342  
 , L0003343 , L0003344 , L0003345 ,  
 , L0003351 , L0003346 , L0003347 , L0003348 , L0003349 , L0003350  
 , L0003359 , L0003352 , L0003353 , L0003356 , L0003357 , L0003358  
 , L0003367 , L0003360 , L0003361 , L0003364 , L0003365 , L0003366  
 , L0003368 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
608472.11	4123151.72	0.30503	(13123117)	608507.11

4123151.72	0.27992	(13123117)	
608542.11	4123151.72	0.25869	(13123117) 608647.11
4123151.72	0.19137	(13120117)	
608682.11	4123151.72	0.18053	(12121807) 608717.11
4123151.72	0.17000	(12121807)	
608647.11	4123186.72	0.20729	(12121807) 608682.11
4123186.72	0.19240	(12121807)	
608717.11	4123186.72	0.17545	(12121807) 608507.11
4123221.72	0.35933	(13123117)	
608542.11	4123221.72	0.31106	(13123117) 608577.11
4123221.72	0.26547	(12121807)	
608647.11	4123221.72	0.22216	(12121807) 608682.11
4123221.72	0.19800	(12121807)	
608717.11	4123221.72	0.17170	(12121807) 608542.11
4123256.72	0.33964	(11120517)	
608577.11	4123256.72	0.29505	(11120517) 608647.11
4123256.72	0.22760	(12121807)	
608682.11	4123256.72	0.19264	(11120517) 608717.11
4123256.72	0.15963	(11120517)	
608542.11	4123291.72	0.38861	(11120517) 608262.95
4122799.62	0.13656	(13122817)	
608297.95	4122799.62	0.12584	(13122817) 608332.95
4122799.62	0.11963	(11031307)	
608367.95	4122799.62	0.13041	(11031307) 608402.95
4122801.23	0.13425	(11122708)	
608262.95	4122834.62	0.15161	(13122817) 608297.95
4122834.62	0.14230	(13122817)	
608332.95	4122834.62	0.13209	(11031307) 608367.95
4122834.62	0.14340	(11031307)	
608402.95	4122836.23	0.14805	(11122708) 608262.95
4122869.62	0.16915	(13122817)	
608297.95	4122869.62	0.16167	(13122817) 608332.95
4122869.62	0.14636	(11031307)	
608367.95	4122869.62	0.15830	(11031307) 608402.95
4122871.23	0.16485	(11122708)	
608262.95	4122694.62	0.10117	(13122817) 608297.95
4122694.62	0.09051	(13122817)	
608332.95	4122694.62	0.09274	(11031307) 608367.95
4122694.62	0.10132	(11031307)	
608402.95	4122696.23	0.10399	(11031307) 608262.95
4122729.62	0.11136	(13122817)	
608297.95	4122729.62	0.10063	(13122817) 608332.95
4122729.62	0.10046	(11031307)	
608367.95	4122729.62	0.10947	(11031307) 608402.95
4122731.23	0.11230	(11122708)	
608262.95	4122764.62	0.12307	(13122817) 608297.95
4122764.62	0.11221	(13122817)	
608332.95	4122764.62	0.10949	(11031307) 608367.95
4122764.62	0.11926	(11031307)	
608402.95	4122766.23	0.12237	(11122708) 608439.11

4122799.62	0.13737	(11122708)		
608474.11	4122799.62	0.13180	(11122708)	608439.11
4122834.62	0.14931	(11122708)		
608474.11	4122834.62	0.14164	(13120417)	608439.11
4122694.62	0.10988	(11122708)		
608474.11	4122694.62	0.10943	(11122708)	608509.11
4122694.62	0.10382	(13120417)		
608544.11	4122694.62	0.10371	(13120417)	608579.11
4122694.62	0.09873	(13120417)		
608439.11	4122729.62	0.11844	(11122708)	608474.11
4122729.62	0.11614	(11122708)		
608509.11	4122729.62	0.11157	(13120417)	608544.11
4122729.62	0.10998	(13120417)		
608579.11	4122729.62	0.10288	(13120417)	608439.11
4122764.62	0.12716	(11122708)		
608474.11	4122764.62	0.12383	(11122708)	608509.11
4122764.62	0.12018	(13120417)		
608544.11	4122764.62	0.11654	(13120417)	608766.92
4122986.59	0.11610	(13120117)		
608801.92	4122986.59	0.11455	(13120117)	608766.92
4123021.59	0.12643	(13120117)		
608801.92	4123021.59	0.12298	(13120117)	608766.92
4123056.59	0.13539	(13120117)		
608801.92	4123056.59	0.13016	(12121807)	608766.92
4123091.59	0.14353	(12121807)		
608801.92	4123091.59	0.13632	(12121807)	

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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN

\*\*\* THE    1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL                      INCLUDING SOURCE(S):      L0003341      , L0003342  
   , L0003343      , L0003344      , L0003345      ,  
    L0003346      , L0003347      , L0003348      , L0003349      , L0003350  
   , L0003351      , L0003352      , L0003353      ,  
    L0003354      , L0003355      , L0003356      , L0003357      , L0003358  
   , L0003359      , L0003360      , L0003361      ,  
    L0003362      , L0003363      , L0003364      , L0003365      , L0003366  
   , L0003367      , L0003368      , . . .      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_2.5    IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
608017.11 4122906.72	4122906.72 0.01607b (11013024)	0.01504b	(11013024)	608052.11
608087.11 4122906.72	4122906.72 0.01645b (11013024)	0.01665b	(11013024)	608122.11
608157.11 4122906.72	4122906.72 0.01320b (11013024)	0.01527b	(11013024)	608192.11
608227.11 4122906.72	4122906.72 0.01060b (13122824)	0.01051b	(11013024)	608262.11
608297.11 4122906.72	4122906.72 0.00958b (13091524)	0.01040b	(13122824)	608332.11
608367.11 4122906.72	4122906.72 0.01498b (13102524)	0.01126b	(13120424)	608612.11
608647.11 4122941.72	4122906.72 0.01586b (11013024)	0.01519b	(13102524)	608017.11
608052.11 4122941.72	4122941.72 0.01905b (11013024)	0.01758b	(11013024)	608087.11
608122.11 4122941.72	4122941.72 0.01917b (11013024)	0.01970b	(11013024)	608157.11
608192.11 4122941.72	4122941.72 0.01450b (11013024)	0.01743b	(11013024)	608227.11
608262.11 4122941.72	4122941.72 0.01203b (13122824)	0.01192b	(13122824)	608297.11
608332.11 4122941.72	4122941.72 0.01558b (13120424)	0.01145b	(13091524)	608507.11
608542.11 4122941.72	4122941.72 0.01710b (13102524)	0.01651b	(13102524)	608577.11
608612.11 4122941.72	4122941.72 0.01725b (13102524)	0.01733b	(13102524)	608647.11
608017.11 4122976.72	4122976.72 0.01865b (11013024)	0.01620b	(11013024)	608052.11
608087.11 4122976.72	4122976.72 0.02302b (11013024)	0.02103b	(11013024)	608122.11
608157.11 4122976.72	4122976.72 0.02303b (11013024)	0.02383b	(11013024)	608192.11
608227.11 4122976.72	4122976.72 0.01602b (11013024)	0.02029b	(11013024)	608262.11
608297.11 4122976.72	4122976.72 0.01882b (13120424)	0.01420b	(13122824)	608472.11
608507.11 4122976.72	4122976.72 0.02001b (13102524)	0.01943b	(13102524)	608542.11
608577.11 4122976.72	4122976.72 0.01997b (13102524)	0.02022b	(13102524)	608612.11
608717.11 4123011.72	4122976.72 0.01595b (11013024)	0.01671b	(13102524)	608017.11

608052.11	4123011.72	0.01919b (11013024)	608087.11
4123011.72	0.02266b (11013024)		
608122.11	4123011.72	0.02608b (11013024)	608157.11
4123011.72	0.02861b (11013024)		
608192.11	4123011.72	0.02979b (11013024)	608227.11
4123011.72	0.02835b (11013024)		
608437.11	4123011.72	0.02318b (13120424)	608472.11
4123011.72	0.02388b (13102524)		
608717.11	4123011.72	0.01757b (13120324)	608017.11
4123046.72	0.01544b (11013024)		
608052.11	4123046.72	0.01907b (11013024)	608087.11
4123046.72	0.02342b (11013024)		
608122.11	4123046.72	0.02830b (11013024)	608157.11
4123046.72	0.03362b (11013024)		
608192.11	4123046.72	0.03812b (11013024)	608717.11
4123046.72	0.01939b (13120324)		
608017.11	4123081.72	0.01486b (11013024)	608052.11
4123081.72	0.01852b (11013024)		
608087.11	4123081.72	0.02342b (11013024)	608122.11
4123081.72	0.02984b (11013024)		
608157.11	4123081.72	0.03818b (11013024)	608472.11
4123081.72	0.03580b (13102524)		
608507.11	4123081.72	0.03275b (13102524)	608542.11
4123081.72	0.03030b (13102524)		
608717.11	4123081.72	0.02103b (13120324)	608017.11
4123116.72	0.01444b (11013024)		
608052.11	4123116.72	0.01809b (11013024)	608087.11
4123116.72	0.02333b (11013024)		
608437.11	4123116.72	0.04831b (13102524)	608472.11
4123116.72	0.04179b (13102524)		
608507.11	4123116.72	0.03737b (13102524)	608542.11
4123116.72	0.03397b (13102524)		
608717.11	4123116.72	0.02241b (13120324)	608017.11
4123151.72	0.01813b (10122524)		
608052.11	4123151.72	0.02039b (10122524)	608437.11
4123151.72	0.06100m (10020724)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0003341 , L0003342  
 , L0003343 , L0003344 , L0003345 ,  
 , L0003346 , L0003347 , L0003348 , L0003349 , L0003350  
 , L0003351 , L0003352 , L0003353 ,

, L0003359 , L0003354 , L0003355 , L0003356 , L0003357 , L0003358  
 , L0003360 , L0003361 ,  
 , L0003362 , L0003363 , L0003364 , L0003365 , L0003366  
 , L0003367 , L0003368 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M)
4123151.72	608472.11	4123151.72	0.04890m (10020724)	0.04261b (13102524)	608507.11
4123151.72	608542.11	4123151.72	0.03809b (13102524)	0.02852b (13120324)	608647.11
4123151.72	608682.11	4123151.72	0.02605b (13120324)	0.02339b (13120324)	608717.11
4123186.72	608647.11	4123186.72	0.03095b (13120324)	0.02812m (10020724)	608682.11
4123186.72	608717.11	4123186.72	0.02558m (10020724)	0.06087m (10020724)	608507.11
4123221.72	608542.11	4123221.72	0.05116m (10020724)	0.04432m (10020724)	608577.11
4123221.72	608647.11	4123221.72	0.03494m (10020724)	0.03114m (10020724)	608682.11
4123221.72	608717.11	4123221.72	0.02762m (10020724)	0.03114m (10020724)	608542.11
4123256.72	608577.11	4123256.72	0.05160m (10020724)	0.06104m (10020724)	608647.11
4123256.72	608682.11	4123256.72	0.03318m (10020724)	0.03857m (10020724)	608717.11
4123256.72	608542.11	4123291.72	0.07363m (10020724)	0.02848m (10020724)	608262.95
4122799.62	608297.95	4122799.62	0.00701b (13122824)	0.00760b (13122824)	608332.95
4122799.62	608367.95	4122799.62	0.00738b (13091524)	0.00672b (11031324)	608402.95
4122801.23	608262.95	4122834.62	0.00844b (13122824)	0.00845b (13120424)	608297.95
4122834.62	608332.95	4122834.62	0.00744b (11031324)	0.00793b (13122824)	608367.95
4122834.62	608402.95	4122836.23	0.00979b (13120424)	0.00834b (13091524)	608262.95
4122869.62	608297.95	4122869.62	0.00901b (13122824)	0.00942b (13122824)	608332.95
4122869.62	608367.95	4122869.62	0.00953b (13091524)	0.00826b (11031324)	608402.95

4122871.23	0.01149b (13120424)	
608262.95	4122694.62	0.00563b (13122824) 608297.95
4122694.62	0.00504b (13122824)	
608332.95	4122694.62	0.00520b (11031324) 608367.95
4122694.62	0.00567b (11031324)	
608402.95	4122696.23	0.00591b (11122724) 608262.95
4122729.62	0.00620b (13122824)	
608297.95	4122729.62	0.00560b (13122824) 608332.95
4122729.62	0.00563b (11031324)	
608367.95	4122729.62	0.00613b (11031324) 608402.95
4122731.23	0.00650b (11122724)	
608262.95	4122764.62	0.00685b (13122824) 608297.95
4122764.62	0.00625b (13122824)	
608332.95	4122764.62	0.00615b (11031324) 608367.95
4122764.62	0.00669b (11031324)	
608402.95	4122766.23	0.00735b (13120424) 608439.11
4122799.62	0.00968b (13120424)	
608474.11	4122799.62	0.01032b (13120424) 608439.11
4122834.62	0.01101b (13120424)	
608474.11	4122834.62	0.01153b (13120424) 608439.11
4122694.62	0.00683b (13120424)	
608474.11	4122694.62	0.00761b (13120424) 608509.11
4122694.62	0.00799b (13120424)	
608544.11	4122694.62	0.00796b (13120424) 608579.11
4122694.62	0.00758b (13120424)	
608439.11	4122729.62	0.00766b (13120424) 608474.11
4122729.62	0.00839b (13120424)	
608509.11	4122729.62	0.00868b (13120424) 608544.11
4122729.62	0.00854b (13120424)	
608579.11	4122729.62	0.00803b (13120424) 608439.11
4122764.62	0.00858b (13120424)	
608474.11	4122764.62	0.00931b (13120424) 608509.11
4122764.62	0.00947b (13120424)	
608544.11	4122764.62	0.00920b (13120424) 608766.92
4122986.59	0.01571b (13120324)	
608801.92	4122986.59	0.01522b (13120324) 608766.92
4123021.59	0.01711b (13120324)	
608801.92	4123021.59	0.01627b (13120324) 608766.92
4123056.59	0.01831b (13120324)	
608801.92	4123056.59	0.01705b (13120324) 608766.92
4123091.59	0.01918b (13120324)	
608801.92	4123091.59	0.01745b (13120324)

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\*\*\* MODELOPTs:      RegDEFAULT      CONC      ELEV      URBAN

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43872

HRS) RESULTS \*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	
ALL	1ST HIGHEST VALUE IS	0.04470 AT (	608542.11, 4123291.72,
65.04,	314.65, 0.00) DC		
	2ND HIGHEST VALUE IS	0.03791 AT (	608437.11, 4123151.72,
64.05,	314.65, 0.00) DC		
	3RD HIGHEST VALUE IS	0.03766 AT (	608507.11, 4123221.72,
65.09,	314.65, 0.00) DC		
	4TH HIGHEST VALUE IS	0.03647 AT (	608542.11, 4123256.72,
65.31,	314.65, 0.00) DC		
	5TH HIGHEST VALUE IS	0.03003 AT (	608542.11, 4123221.72,
65.17,	314.65, 0.00) DC		
	6TH HIGHEST VALUE IS	0.02936 AT (	608472.11, 4123151.72,
64.17,	314.65, 0.00) DC		
	7TH HIGHEST VALUE IS	0.02880 AT (	608577.11, 4123256.72,
65.58,	314.65, 0.00) DC		
	8TH HIGHEST VALUE IS	0.02718 AT (	608437.11, 4123116.72,
64.19,	314.65, 0.00) DC		
	9TH HIGHEST VALUE IS	0.02466 AT (	608577.11, 4123221.72,
65.36,	314.65, 0.00) DC		
	10TH HIGHEST VALUE IS	0.02406 AT (	608507.11, 4123151.72,
63.92,	314.65, 0.00) DC		

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

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* THE SUMMARY OF HIGHEST 1-HR



RESULTS \*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M\*\*3

\*\*

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

ALL HIGH 1ST HIGH VALUE IS 0.38861 ON 11120517: AT ( 608542.11,  
4123291.72, 65.04, 314.65, 0.00) DC

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

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 12:32:49

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* THE SUMMARY OF HIGHEST 24-HR

RESULTS \*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M\*\*3

\*\*

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

ALL HIGH 1ST HIGH VALUE IS 0.07363m ON 10020724: AT ( 608542.11,  
4123291.72, 65.04, 314.65, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART

DP = DISCPOLR  
▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 12:32:49

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

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

A Total of 0 Fatal Error Message(s)  
A Total of 0 Warning Message(s)  
A Total of 29124 Informational Message(s)  
  
A Total of 43872 Hours Were Processed  
A Total of 7247 Calm Hours Identified  
A Total of 21877 Missing Hours Identified ( 49.87 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!  
Data May Not Be Acceptable for Regulatory Applications.  
See Section 5.3.2 of "Meteorological Monitoring Guidance  
for Regulatory Modeling Applications" (EPA-454/R-99-005).

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

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

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

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.0
** Lakes Environmental Software Inc.
** Date: 8/18/2021
** File: C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari_Const_T4\Rue
Ferrari_Const_T4\Rue Ferrari_Const_T4.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari_Const\Rue Ferrari_Const
  MODELOPT DFAULT CONC
  AVERTIME 1 24 PERIOD
  URBANOPT 1928000 Santa_Clara_County
  POLLUTID PM_2.5
  RUNORNOT RUN
  ERRORFIL "Rue Ferrari_Const_T4.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Construction Onsite
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 0.000341175
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 21
** 608240.779, 4123178.871, 63.53, 3.06, 3.95
** 608336.865, 4123120.072, 63.70, 3.06, 3.95
** 608515.413, 4123366.024, 64.61, 3.06, 3.95

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\*\* 608477.409, 4123423.389, 64.30, 3.06, 3.95  
 \*\* 608419.327, 4123469.997, 64.43, 3.06, 3.95  
 \*\* 608308.183, 4123318.698, 63.70, 3.06, 3.95  
 \*\* 608330.412, 4123300.054, 64.15, 3.06, 3.95  
 \*\* 608250.818, 4123197.515, 63.58, 3.06, 3.95  
 \*\* 608328.977, 4123150.189, 63.74, 3.06, 3.95  
 \*\* 608497.486, 4123376.063, 64.56, 3.06, 3.95  
 \*\* 608428.649, 4123441.315, 64.41, 3.06, 3.95  
 \*\* 608343.319, 4123323.000, 64.34, 3.06, 3.95  
 \*\* 608373.435, 4123300.771, 64.49, 3.06, 3.95  
 \*\* 608369.086, 4123292.932, 64.49, 3.06, 3.95  
 \*\* 608285.954, 4123198.232, 63.72, 3.06, 3.95  
 \*\* 608318.939, 4123180.305, 63.95, 3.06, 3.95  
 \*\* 608471.672, 4123373.911, 64.47, 3.06, 3.95  
 \*\* 608427.932, 4123404.745, 64.42, 3.06, 3.95  
 \*\* 608377.020, 4123331.605, 64.45, 3.06, 3.95  
 \*\* 608399.249, 4123315.113, 64.47, 3.06, 3.95  
 \*\* 608430.083, 4123366.024, 64.47, 3.06, 3.95

\*\*

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LOCATION	L0004047	VOLUME	608244.404	4123176.653	63.53
LOCATION	L0004048	VOLUME	608251.654	4123172.216	63.55
LOCATION	L0004049	VOLUME	608258.905	4123167.779	63.57
LOCATION	L0004050	VOLUME	608266.155	4123163.343	63.59
LOCATION	L0004051	VOLUME	608273.405	4123158.906	63.59
LOCATION	L0004052	VOLUME	608280.655	4123154.469	63.56
LOCATION	L0004053	VOLUME	608287.905	4123150.033	63.55
LOCATION	L0004054	VOLUME	608295.156	4123145.596	63.57
LOCATION	L0004055	VOLUME	608302.406	4123141.159	63.60
LOCATION	L0004056	VOLUME	608309.656	4123136.722	63.65
LOCATION	L0004057	VOLUME	608316.906	4123132.286	63.66
LOCATION	L0004058	VOLUME	608324.157	4123127.849	63.69
LOCATION	L0004059	VOLUME	608331.407	4123123.412	63.73
LOCATION	L0004060	VOLUME	608338.099	4123121.772	63.75
LOCATION	L0004061	VOLUME	608343.093	4123128.651	63.78
LOCATION	L0004062	VOLUME	608348.086	4123135.529	63.84
LOCATION	L0004063	VOLUME	608353.080	4123142.408	64.01
LOCATION	L0004064	VOLUME	608358.073	4123149.287	64.16
LOCATION	L0004065	VOLUME	608363.067	4123156.165	64.27
LOCATION	L0004066	VOLUME	608368.060	4123163.044	64.38
LOCATION	L0004067	VOLUME	608373.054	4123169.922	64.45
LOCATION	L0004068	VOLUME	608378.047	4123176.801	64.46
LOCATION	L0004069	VOLUME	608383.041	4123183.680	64.48
LOCATION	L0004070	VOLUME	608388.034	4123190.558	64.47
LOCATION	L0004071	VOLUME	608393.028	4123197.437	64.52
LOCATION	L0004072	VOLUME	608398.021	4123204.315	64.54
LOCATION	L0004073	VOLUME	608403.015	4123211.194	64.55
LOCATION	L0004074	VOLUME	608408.008	4123218.073	64.53
LOCATION	L0004075	VOLUME	608413.002	4123224.951	64.38
LOCATION	L0004076	VOLUME	608417.995	4123231.830	64.21
LOCATION	L0004077	VOLUME	608422.989	4123238.708	64.02

LOCATION L0004078	VOLUME	608427.982	4123245.587	63.84
LOCATION L0004079	VOLUME	608432.976	4123252.466	63.71
LOCATION L0004080	VOLUME	608437.969	4123259.344	63.70
LOCATION L0004081	VOLUME	608442.963	4123266.223	63.86
LOCATION L0004082	VOLUME	608447.956	4123273.101	64.03
LOCATION L0004083	VOLUME	608452.950	4123279.980	64.18
LOCATION L0004084	VOLUME	608457.943	4123286.858	64.31
LOCATION L0004085	VOLUME	608462.937	4123293.737	64.39
LOCATION L0004086	VOLUME	608467.930	4123300.616	64.39
LOCATION L0004087	VOLUME	608472.924	4123307.494	64.38
LOCATION L0004088	VOLUME	608477.917	4123314.373	64.38
LOCATION L0004089	VOLUME	608482.911	4123321.251	64.42
LOCATION L0004090	VOLUME	608487.904	4123328.130	64.41
LOCATION L0004091	VOLUME	608492.898	4123335.009	64.38
LOCATION L0004092	VOLUME	608497.891	4123341.887	64.36
LOCATION L0004093	VOLUME	608502.885	4123348.766	64.34
LOCATION L0004094	VOLUME	608507.878	4123355.644	64.44
LOCATION L0004095	VOLUME	608512.872	4123362.523	64.71
LOCATION L0004096	VOLUME	608513.108	4123369.503	64.83
LOCATION L0004097	VOLUME	608508.413	4123376.589	64.69
LOCATION L0004098	VOLUME	608503.719	4123383.675	64.48
LOCATION L0004099	VOLUME	608499.024	4123390.761	64.47
LOCATION L0004100	VOLUME	608494.330	4123397.848	64.44
LOCATION L0004101	VOLUME	608489.635	4123404.934	64.39
LOCATION L0004102	VOLUME	608484.941	4123412.020	64.31
LOCATION L0004103	VOLUME	608480.246	4123419.106	64.29
LOCATION L0004104	VOLUME	608474.786	4123425.493	64.33
LOCATION L0004105	VOLUME	608468.157	4123430.813	64.36
LOCATION L0004106	VOLUME	608461.528	4123436.133	64.34
LOCATION L0004107	VOLUME	608454.898	4123441.453	64.27
LOCATION L0004108	VOLUME	608448.269	4123446.772	64.30
LOCATION L0004109	VOLUME	608441.639	4123452.092	64.47
LOCATION L0004110	VOLUME	608435.010	4123457.412	64.51
LOCATION L0004111	VOLUME	608428.381	4123462.732	64.43
LOCATION L0004112	VOLUME	608421.751	4123468.052	64.41
LOCATION L0004113	VOLUME	608416.135	4123465.652	64.36
LOCATION L0004114	VOLUME	608411.103	4123458.802	64.20
LOCATION L0004115	VOLUME	608406.071	4123451.952	63.96
LOCATION L0004116	VOLUME	608401.038	4123445.101	63.80
LOCATION L0004117	VOLUME	608396.006	4123438.251	63.94
LOCATION L0004118	VOLUME	608390.974	4123431.401	64.01
LOCATION L0004119	VOLUME	608385.942	4123424.550	64.00
LOCATION L0004120	VOLUME	608380.909	4123417.700	63.92
LOCATION L0004121	VOLUME	608375.877	4123410.850	63.93
LOCATION L0004122	VOLUME	608370.845	4123403.999	64.02
LOCATION L0004123	VOLUME	608365.813	4123397.149	64.04
LOCATION L0004124	VOLUME	608360.781	4123390.299	63.98
LOCATION L0004125	VOLUME	608355.748	4123383.448	63.85
LOCATION L0004126	VOLUME	608350.716	4123376.598	63.97
LOCATION L0004127	VOLUME	608345.684	4123369.748	64.04

LOCATION	L0004128	VOLUME	608340.652	4123362.898	64.02
LOCATION	L0004129	VOLUME	608335.619	4123356.047	63.91
LOCATION	L0004130	VOLUME	608330.587	4123349.197	63.84
LOCATION	L0004131	VOLUME	608325.555	4123342.347	63.97
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LOCATION	L0004133	VOLUME	608315.491	4123328.646	63.96
LOCATION	L0004134	VOLUME	608310.458	4123321.796	63.81
LOCATION	L0004135	VOLUME	608311.750	4123315.706	63.82
LOCATION	L0004136	VOLUME	608318.263	4123310.244	63.98
LOCATION	L0004137	VOLUME	608324.775	4123304.781	64.10
LOCATION	L0004138	VOLUME	608329.710	4123299.151	64.17
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LOCATION	L0004140	VOLUME	608319.286	4123285.721	63.87
LOCATION	L0004141	VOLUME	608314.074	4123279.007	63.75
LOCATION	L0004142	VOLUME	608308.862	4123272.292	63.66
LOCATION	L0004143	VOLUME	608303.650	4123265.578	63.62
LOCATION	L0004144	VOLUME	608298.438	4123258.863	63.59
LOCATION	L0004145	VOLUME	608293.226	4123252.149	63.58
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LOCATION	L0004147	VOLUME	608282.802	4123238.720	63.59
LOCATION	L0004148	VOLUME	608277.590	4123232.005	63.61
LOCATION	L0004149	VOLUME	608272.378	4123225.291	63.59
LOCATION	L0004150	VOLUME	608267.166	4123218.576	63.59
LOCATION	L0004151	VOLUME	608261.954	4123211.861	63.58
LOCATION	L0004152	VOLUME	608256.742	4123205.147	63.59
LOCATION	L0004153	VOLUME	608251.530	4123198.432	63.58
LOCATION	L0004154	VOLUME	608257.095	4123193.714	63.59
LOCATION	L0004155	VOLUME	608264.366	4123189.311	63.61
LOCATION	L0004156	VOLUME	608271.637	4123184.909	63.64
LOCATION	L0004157	VOLUME	608278.908	4123180.506	63.67
LOCATION	L0004158	VOLUME	608286.179	4123176.103	63.70
LOCATION	L0004159	VOLUME	608293.450	4123171.701	63.73
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LOCATION	L0004161	VOLUME	608307.992	4123162.896	63.78
LOCATION	L0004162	VOLUME	608315.263	4123158.493	63.89
LOCATION	L0004163	VOLUME	608322.534	4123154.090	63.97
LOCATION	L0004164	VOLUME	608329.556	4123150.964	64.03
LOCATION	L0004165	VOLUME	608334.638	4123157.777	64.26
LOCATION	L0004166	VOLUME	608339.721	4123164.590	64.43
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LOCATION	L0004169	VOLUME	608354.969	4123185.029	64.49
LOCATION	L0004170	VOLUME	608360.052	4123191.842	64.49
LOCATION	L0004171	VOLUME	608365.135	4123198.655	64.50
LOCATION	L0004172	VOLUME	608370.217	4123205.468	64.51
LOCATION	L0004173	VOLUME	608375.300	4123212.281	64.52
LOCATION	L0004174	VOLUME	608380.383	4123219.094	64.52
LOCATION	L0004175	VOLUME	608385.465	4123225.907	64.53
LOCATION	L0004176	VOLUME	608390.548	4123232.720	64.54
LOCATION	L0004177	VOLUME	608395.631	4123239.532	64.53

LOCATION	L0004178	VOLUME	608400.713	4123246.345	64.51
LOCATION	L0004179	VOLUME	608405.796	4123253.158	64.47
LOCATION	L0004180	VOLUME	608410.879	4123259.971	64.31
LOCATION	L0004181	VOLUME	608415.961	4123266.784	64.24
LOCATION	L0004182	VOLUME	608421.044	4123273.597	64.23
LOCATION	L0004183	VOLUME	608426.127	4123280.410	64.29
LOCATION	L0004184	VOLUME	608431.209	4123287.223	64.43
LOCATION	L0004185	VOLUME	608436.292	4123294.036	64.52
LOCATION	L0004186	VOLUME	608441.375	4123300.849	64.50
LOCATION	L0004187	VOLUME	608446.457	4123307.662	64.48
LOCATION	L0004188	VOLUME	608451.540	4123314.475	64.45
LOCATION	L0004189	VOLUME	608456.623	4123321.288	64.44
LOCATION	L0004190	VOLUME	608461.706	4123328.101	64.40
LOCATION	L0004191	VOLUME	608466.788	4123334.914	64.32
LOCATION	L0004192	VOLUME	608471.871	4123341.727	64.22
LOCATION	L0004193	VOLUME	608476.954	4123348.540	64.09
LOCATION	L0004194	VOLUME	608482.036	4123355.353	64.06
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LOCATION	L0004196	VOLUME	608492.202	4123368.979	64.32
LOCATION	L0004197	VOLUME	608497.284	4123375.792	64.41
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LOCATION	L0004199	VOLUME	608485.394	4123387.525	64.48
LOCATION	L0004200	VOLUME	608479.225	4123393.373	64.43
LOCATION	L0004201	VOLUME	608473.056	4123399.220	64.40
LOCATION	L0004202	VOLUME	608466.887	4123405.068	64.41
LOCATION	L0004203	VOLUME	608460.718	4123410.916	64.45
LOCATION	L0004204	VOLUME	608454.550	4123416.763	64.51
LOCATION	L0004205	VOLUME	608448.381	4123422.611	64.45
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LOCATION	L0004208	VOLUME	608429.874	4123440.154	64.43
LOCATION	L0004209	VOLUME	608424.664	4123435.790	64.34
LOCATION	L0004210	VOLUME	608419.692	4123428.896	64.25
LOCATION	L0004211	VOLUME	608414.720	4123422.002	64.20
LOCATION	L0004212	VOLUME	608409.748	4123415.108	64.19
LOCATION	L0004213	VOLUME	608404.776	4123408.214	64.17
LOCATION	L0004214	VOLUME	608399.804	4123401.320	64.19
LOCATION	L0004215	VOLUME	608394.832	4123394.426	64.25
LOCATION	L0004216	VOLUME	608389.859	4123387.532	64.34
LOCATION	L0004217	VOLUME	608384.887	4123380.638	64.44
LOCATION	L0004218	VOLUME	608379.915	4123373.743	64.46
LOCATION	L0004219	VOLUME	608374.943	4123366.849	64.41
LOCATION	L0004220	VOLUME	608369.971	4123359.955	64.40
LOCATION	L0004221	VOLUME	608364.999	4123353.061	64.43
LOCATION	L0004222	VOLUME	608360.027	4123346.167	64.42
LOCATION	L0004223	VOLUME	608355.055	4123339.273	64.39
LOCATION	L0004224	VOLUME	608350.083	4123332.379	64.36
LOCATION	L0004225	VOLUME	608345.111	4123325.485	64.38
LOCATION	L0004226	VOLUME	608347.693	4123319.772	64.42
LOCATION	L0004227	VOLUME	608354.531	4123314.724	64.44

LOCATION	L0004228	VOLUME	608361.370	4123309.676	64.47
LOCATION	L0004229	VOLUME	608368.209	4123304.628	64.48
LOCATION	L0004230	VOLUME	608372.462	4123299.018	64.49
LOCATION	L0004231	VOLUME	608368.070	4123291.775	64.51
LOCATION	L0004232	VOLUME	608362.462	4123285.387	64.52
LOCATION	L0004233	VOLUME	608356.855	4123278.999	64.50
LOCATION	L0004234	VOLUME	608351.247	4123272.611	64.34
LOCATION	L0004235	VOLUME	608345.640	4123266.223	64.15
LOCATION	L0004236	VOLUME	608340.032	4123259.835	63.93
LOCATION	L0004237	VOLUME	608334.424	4123253.447	63.77
LOCATION	L0004238	VOLUME	608328.817	4123247.060	63.74
LOCATION	L0004239	VOLUME	608323.209	4123240.672	63.74
LOCATION	L0004240	VOLUME	608317.602	4123234.284	63.73
LOCATION	L0004241	VOLUME	608311.994	4123227.896	63.72
LOCATION	L0004242	VOLUME	608306.387	4123221.508	63.71
LOCATION	L0004243	VOLUME	608300.779	4123215.120	63.71
LOCATION	L0004244	VOLUME	608295.172	4123208.732	63.72
LOCATION	L0004245	VOLUME	608289.564	4123202.344	63.72
LOCATION	L0004246	VOLUME	608288.614	4123196.786	63.74
LOCATION	L0004247	VOLUME	608296.082	4123192.727	63.75
LOCATION	L0004248	VOLUME	608303.551	4123188.668	63.78
LOCATION	L0004249	VOLUME	608311.019	4123184.609	63.85
LOCATION	L0004250	VOLUME	608318.487	4123180.551	64.06
LOCATION	L0004251	VOLUME	608323.885	4123186.575	64.20
LOCATION	L0004252	VOLUME	608329.150	4123193.249	64.35
LOCATION	L0004253	VOLUME	608334.414	4123199.922	64.42
LOCATION	L0004254	VOLUME	608339.679	4123206.596	64.34
LOCATION	L0004255	VOLUME	608344.943	4123213.269	64.32
LOCATION	L0004256	VOLUME	608350.208	4123219.942	64.36
LOCATION	L0004257	VOLUME	608355.472	4123226.616	64.46
LOCATION	L0004258	VOLUME	608360.737	4123233.289	64.51
LOCATION	L0004259	VOLUME	608366.002	4123239.963	64.51
LOCATION	L0004260	VOLUME	608371.266	4123246.636	64.51
LOCATION	L0004261	VOLUME	608376.531	4123253.309	64.53
LOCATION	L0004262	VOLUME	608381.795	4123259.983	64.55
LOCATION	L0004263	VOLUME	608387.060	4123266.656	64.53
LOCATION	L0004264	VOLUME	608392.324	4123273.330	64.51
LOCATION	L0004265	VOLUME	608397.589	4123280.003	64.52
LOCATION	L0004266	VOLUME	608402.854	4123286.676	64.54
LOCATION	L0004267	VOLUME	608408.118	4123293.350	64.56
LOCATION	L0004268	VOLUME	608413.383	4123300.023	64.55
LOCATION	L0004269	VOLUME	608418.647	4123306.697	64.54
LOCATION	L0004270	VOLUME	608423.912	4123313.370	64.55
LOCATION	L0004271	VOLUME	608429.176	4123320.043	64.57
LOCATION	L0004272	VOLUME	608434.441	4123326.717	64.54
LOCATION	L0004273	VOLUME	608439.706	4123333.390	64.49
LOCATION	L0004274	VOLUME	608444.970	4123340.064	64.45
LOCATION	L0004275	VOLUME	608450.235	4123346.737	64.40
LOCATION	L0004276	VOLUME	608455.499	4123353.410	64.35
LOCATION	L0004277	VOLUME	608460.764	4123360.084	64.31



LOCATION	VOLUME				
L0004278	608466.028	4123366.757	64.32		
L0004279	608471.293	4123373.431	64.36		
L0004280	608465.226	4123378.456	64.42		
L0004281	608458.278	4123383.353	64.45		
L0004282	608451.331	4123388.251	64.45		
L0004283	608444.383	4123393.148	64.45		
L0004284	608437.436	4123398.045	64.44		
L0004285	608430.489	4123402.943	64.43		
L0004286	608424.863	4123400.336	64.39		
L0004287	608420.007	4123393.360	64.35		
L0004288	608415.151	4123386.384	64.34		
L0004289	608410.295	4123379.407	64.36		
L0004290	608405.439	4123372.431	64.39		
L0004291	608400.583	4123365.455	64.44		
L0004292	608395.727	4123358.478	64.48		
L0004293	608390.870	4123351.502	64.51		
L0004294	608386.014	4123344.526	64.50		
L0004295	608381.158	4123337.550	64.48		
L0004296	608378.030	4123330.856	64.46		
L0004297	608384.856	4123325.791	64.46		
L0004298	608391.682	4123320.727	64.47		
L0004299	608398.509	4123315.662	64.49		
L0004300	608403.175	4123321.594	64.49		
L0004301	608407.578	4123328.865	64.50		
L0004302	608411.982	4123336.136	64.51		
L0004303	608416.385	4123343.406	64.50		
L0004304	608420.788	4123350.677	64.49		
L0004305	608425.191	4123357.947	64.47		
L0004306	608429.595	4123365.218	64.45		

\*\* End of LINE VOLUME Source ID = SLINE1

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE2

\*\* DESCRSRC Offsite Hauling

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000348

\*\* Vertical Dimension = 6.12

\*\* SZINIT = 2.85

\*\* Nodes = 12

\*\* 608256.989, 4123150.605, 63.48, 3.06, 3.95

\*\* 608245.675, 4123136.059, 63.55, 3.06, 3.95

\*\* 608336.181, 4123089.190, 63.64, 3.06, 3.95

\*\* 608588.303, 4122992.220, 63.69, 3.06, 3.95

\*\* 608704.668, 4122955.048, 63.85, 3.06, 3.95

\*\* 608837.194, 4122959.897, 67.30, 3.06, 3.95

\*\* 608838.810, 4122862.927, 66.48, 3.06, 3.95

\*\* 608785.476, 4122804.745, 66.12, 3.06, 3.95

\*\* 608748.304, 4122793.431, 65.85, 3.06, 3.95

\*\* 608678.809, 4122820.906, 67.74, 3.06, 3.95

\*\* 608442.848, 4122946.967, 66.13, 3.06, 3.95

\*\* 607859.411, 4123321.919, 64.12, 3.06, 3.95

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LOCATION	L0004307	VOLUME	608254.379	4123147.250	63.55
LOCATION	L0004308	VOLUME	608249.161	4123140.541	63.56
LOCATION	L0004309	VOLUME	608248.182	4123134.761	63.58
LOCATION	L0004310	VOLUME	608255.730	4123130.852	63.48
LOCATION	L0004311	VOLUME	608263.278	4123126.944	63.38
LOCATION	L0004312	VOLUME	608270.826	4123123.035	63.40
LOCATION	L0004313	VOLUME	608278.374	4123119.126	63.51
LOCATION	L0004314	VOLUME	608285.922	4123115.217	63.69
LOCATION	L0004315	VOLUME	608293.470	4123111.309	63.68
LOCATION	L0004316	VOLUME	608301.018	4123107.400	63.63
LOCATION	L0004317	VOLUME	608308.566	4123103.491	63.52
LOCATION	L0004318	VOLUME	608316.114	4123099.582	63.54
LOCATION	L0004319	VOLUME	608323.662	4123095.674	63.59
LOCATION	L0004320	VOLUME	608331.210	4123091.765	63.63
LOCATION	L0004321	VOLUME	608338.889	4123088.149	63.65
LOCATION	L0004322	VOLUME	608346.823	4123085.097	63.69
LOCATION	L0004323	VOLUME	608354.756	4123082.046	63.76
LOCATION	L0004324	VOLUME	608362.689	4123078.995	63.86
LOCATION	L0004325	VOLUME	608370.623	4123075.943	63.95
LOCATION	L0004326	VOLUME	608378.556	4123072.892	63.96
LOCATION	L0004327	VOLUME	608386.490	4123069.841	63.89
LOCATION	L0004328	VOLUME	608394.423	4123066.789	63.78
LOCATION	L0004329	VOLUME	608402.357	4123063.738	63.69
LOCATION	L0004330	VOLUME	608410.290	4123060.687	63.65
LOCATION	L0004331	VOLUME	608418.224	4123057.636	63.70
LOCATION	L0004332	VOLUME	608426.157	4123054.584	63.80
LOCATION	L0004333	VOLUME	608434.090	4123051.533	63.93
LOCATION	L0004334	VOLUME	608442.024	4123048.482	63.88
LOCATION	L0004335	VOLUME	608449.957	4123045.430	63.82
LOCATION	L0004336	VOLUME	608457.891	4123042.379	63.69
LOCATION	L0004337	VOLUME	608465.824	4123039.328	63.78
LOCATION	L0004338	VOLUME	608473.758	4123036.276	63.87
LOCATION	L0004339	VOLUME	608481.691	4123033.225	63.92
LOCATION	L0004340	VOLUME	608489.624	4123030.174	63.84
LOCATION	L0004341	VOLUME	608497.558	4123027.122	63.81
LOCATION	L0004342	VOLUME	608505.491	4123024.071	63.88
LOCATION	L0004343	VOLUME	608513.425	4123021.020	63.91
LOCATION	L0004344	VOLUME	608521.358	4123017.968	63.86
LOCATION	L0004345	VOLUME	608529.292	4123014.917	63.78
LOCATION	L0004346	VOLUME	608537.225	4123011.866	63.69
LOCATION	L0004347	VOLUME	608545.159	4123008.814	63.64
LOCATION	L0004348	VOLUME	608553.092	4123005.763	63.59
LOCATION	L0004349	VOLUME	608561.025	4123002.712	63.55
LOCATION	L0004350	VOLUME	608568.959	4122999.660	63.56
LOCATION	L0004351	VOLUME	608576.892	4122996.609	63.62
LOCATION	L0004352	VOLUME	608584.826	4122993.558	63.70

LOCATION	L0004353	VOLUME	608592.851	4122990.767	63.74
LOCATION	L0004354	VOLUME	608600.948	4122988.181	63.76
LOCATION	L0004355	VOLUME	608609.045	4122985.594	63.75
LOCATION	L0004356	VOLUME	608617.142	4122983.008	63.68
LOCATION	L0004357	VOLUME	608625.239	4122980.421	63.62
LOCATION	L0004358	VOLUME	608633.336	4122977.835	63.57
LOCATION	L0004359	VOLUME	608641.432	4122975.248	63.57
LOCATION	L0004360	VOLUME	608649.529	4122972.662	63.59
LOCATION	L0004361	VOLUME	608657.626	4122970.075	63.63
LOCATION	L0004362	VOLUME	608665.723	4122967.489	63.68
LOCATION	L0004363	VOLUME	608673.820	4122964.902	63.75
LOCATION	L0004364	VOLUME	608681.917	4122962.316	63.82
LOCATION	L0004365	VOLUME	608690.014	4122959.729	63.88
LOCATION	L0004366	VOLUME	608698.111	4122957.143	63.88
LOCATION	L0004367	VOLUME	608706.283	4122955.107	63.84
LOCATION	L0004368	VOLUME	608714.778	4122955.418	63.87
LOCATION	L0004369	VOLUME	608723.272	4122955.729	63.90
LOCATION	L0004370	VOLUME	608731.766	4122956.040	63.96
LOCATION	L0004371	VOLUME	608740.261	4122956.350	64.36
LOCATION	L0004372	VOLUME	608748.755	4122956.661	64.75
LOCATION	L0004373	VOLUME	608757.249	4122956.972	65.12
LOCATION	L0004374	VOLUME	608765.744	4122957.283	65.44
LOCATION	L0004375	VOLUME	608774.238	4122957.594	65.75
LOCATION	L0004376	VOLUME	608782.732	4122957.904	66.06
LOCATION	L0004377	VOLUME	608791.226	4122958.215	66.35
LOCATION	L0004378	VOLUME	608799.721	4122958.526	66.65
LOCATION	L0004379	VOLUME	608808.215	4122958.837	66.87
LOCATION	L0004380	VOLUME	608816.709	4122959.147	66.98
LOCATION	L0004381	VOLUME	608825.204	4122959.458	67.10
LOCATION	L0004382	VOLUME	608833.698	4122959.769	67.19
LOCATION	L0004383	VOLUME	608837.277	4122954.895	67.17
LOCATION	L0004384	VOLUME	608837.419	4122946.396	67.11
LOCATION	L0004385	VOLUME	608837.560	4122937.898	67.05
LOCATION	L0004386	VOLUME	608837.702	4122929.399	66.99
LOCATION	L0004387	VOLUME	608837.843	4122920.900	66.91
LOCATION	L0004388	VOLUME	608837.985	4122912.401	66.82
LOCATION	L0004389	VOLUME	608838.127	4122903.902	66.73
LOCATION	L0004390	VOLUME	608838.268	4122895.404	66.64
LOCATION	L0004391	VOLUME	608838.410	4122886.905	66.59
LOCATION	L0004392	VOLUME	608838.552	4122878.406	66.53
LOCATION	L0004393	VOLUME	608838.693	4122869.907	66.47
LOCATION	L0004394	VOLUME	608837.784	4122861.807	66.43
LOCATION	L0004395	VOLUME	608832.040	4122855.541	66.40
LOCATION	L0004396	VOLUME	608826.296	4122849.276	65.99
LOCATION	L0004397	VOLUME	608820.553	4122843.010	65.49
LOCATION	L0004398	VOLUME	608814.809	4122836.744	65.03
LOCATION	L0004399	VOLUME	608809.065	4122830.478	64.63
LOCATION	L0004400	VOLUME	608803.322	4122824.212	64.51
LOCATION	L0004401	VOLUME	608797.578	4122817.947	64.74
LOCATION	L0004402	VOLUME	608791.834	4122811.681	65.16

LOCATION L0004403	VOLUME	608786.091	4122805.415	65.77
LOCATION L0004404	VOLUME	608778.214	4122802.534	66.04
LOCATION L0004405	VOLUME	608770.083	4122800.060	65.64
LOCATION L0004406	VOLUME	608761.951	4122797.585	65.33
LOCATION L0004407	VOLUME	608753.819	4122795.110	65.62
LOCATION L0004408	VOLUME	608745.761	4122794.437	66.54
LOCATION L0004409	VOLUME	608737.856	4122797.562	67.23
LOCATION L0004410	VOLUME	608729.951	4122800.687	67.63
LOCATION L0004411	VOLUME	608722.047	4122803.812	67.67
LOCATION L0004412	VOLUME	608714.142	4122806.937	67.54
LOCATION L0004413	VOLUME	608706.237	4122810.062	67.41
LOCATION L0004414	VOLUME	608698.333	4122813.188	67.67
LOCATION L0004415	VOLUME	608690.428	4122816.313	68.05
LOCATION L0004416	VOLUME	608682.523	4122819.438	68.51
LOCATION L0004417	VOLUME	608674.835	4122823.029	68.63
LOCATION L0004418	VOLUME	608667.337	4122827.035	68.89
LOCATION L0004419	VOLUME	608659.840	4122831.040	69.33
LOCATION L0004420	VOLUME	608652.343	4122835.045	68.93
LOCATION L0004421	VOLUME	608644.846	4122839.051	68.53
LOCATION L0004422	VOLUME	608637.349	4122843.056	68.38
LOCATION L0004423	VOLUME	608629.852	4122847.061	68.35
LOCATION L0004424	VOLUME	608622.355	4122851.067	68.43
LOCATION L0004425	VOLUME	608614.857	4122855.072	68.72
LOCATION L0004426	VOLUME	608607.360	4122859.077	69.06
LOCATION L0004427	VOLUME	608599.863	4122863.083	68.77
LOCATION L0004428	VOLUME	608592.366	4122867.088	68.14
LOCATION L0004429	VOLUME	608584.869	4122871.093	67.63
LOCATION L0004430	VOLUME	608577.372	4122875.099	67.45
LOCATION L0004431	VOLUME	608569.874	4122879.104	67.58
LOCATION L0004432	VOLUME	608562.377	4122883.109	67.98
LOCATION L0004433	VOLUME	608554.880	4122887.115	68.15
LOCATION L0004434	VOLUME	608547.383	4122891.120	68.05
LOCATION L0004435	VOLUME	608539.886	4122895.125	67.53
LOCATION L0004436	VOLUME	608532.389	4122899.131	66.97
LOCATION L0004437	VOLUME	608524.891	4122903.136	66.79
LOCATION L0004438	VOLUME	608517.394	4122907.141	66.93
LOCATION L0004439	VOLUME	608509.897	4122911.147	67.38
LOCATION L0004440	VOLUME	608502.400	4122915.152	67.25
LOCATION L0004441	VOLUME	608494.903	4122919.157	67.13
LOCATION L0004442	VOLUME	608487.406	4122923.163	66.92
LOCATION L0004443	VOLUME	608479.909	4122927.168	66.47
LOCATION L0004444	VOLUME	608472.411	4122931.173	66.27
LOCATION L0004445	VOLUME	608464.914	4122935.179	66.31
LOCATION L0004446	VOLUME	608457.417	4122939.184	66.43
LOCATION L0004447	VOLUME	608449.920	4122943.189	66.30
LOCATION L0004448	VOLUME	608442.422	4122947.228	66.20
LOCATION L0004449	VOLUME	608435.292	4122951.824	66.11
LOCATION L0004450	VOLUME	608428.141	4122956.419	65.69
LOCATION L0004451	VOLUME	608420.990	4122961.014	65.45
LOCATION L0004452	VOLUME	608413.840	4122965.610	65.44

LOCATION	L0004453	VOLUME	608406.689	4122970.205	65.44
LOCATION	L0004454	VOLUME	608399.538	4122974.801	65.33
LOCATION	L0004455	VOLUME	608392.388	4122979.396	65.25
LOCATION	L0004456	VOLUME	608385.237	4122983.992	65.10
LOCATION	L0004457	VOLUME	608378.087	4122988.587	64.82
LOCATION	L0004458	VOLUME	608370.936	4122993.183	64.69
LOCATION	L0004459	VOLUME	608363.785	4122997.778	64.71
LOCATION	L0004460	VOLUME	608356.635	4123002.373	64.70
LOCATION	L0004461	VOLUME	608349.484	4123006.969	64.64
LOCATION	L0004462	VOLUME	608342.333	4123011.564	64.63
LOCATION	L0004463	VOLUME	608335.183	4123016.160	64.53
LOCATION	L0004464	VOLUME	608328.032	4123020.755	64.40
LOCATION	L0004465	VOLUME	608320.881	4123025.351	64.34
LOCATION	L0004466	VOLUME	608313.731	4123029.946	64.33
LOCATION	L0004467	VOLUME	608306.580	4123034.541	64.33
LOCATION	L0004468	VOLUME	608299.429	4123039.137	64.34
LOCATION	L0004469	VOLUME	608292.279	4123043.732	64.39
LOCATION	L0004470	VOLUME	608285.128	4123048.328	64.36
LOCATION	L0004471	VOLUME	608277.977	4123052.923	64.28
LOCATION	L0004472	VOLUME	608270.827	4123057.519	64.24
LOCATION	L0004473	VOLUME	608263.676	4123062.114	64.24
LOCATION	L0004474	VOLUME	608256.525	4123066.710	64.26
LOCATION	L0004475	VOLUME	608249.375	4123071.305	64.30
LOCATION	L0004476	VOLUME	608242.224	4123075.900	64.30
LOCATION	L0004477	VOLUME	608235.073	4123080.496	64.29
LOCATION	L0004478	VOLUME	608227.923	4123085.091	64.26
LOCATION	L0004479	VOLUME	608220.772	4123089.687	64.27
LOCATION	L0004480	VOLUME	608213.621	4123094.282	64.33
LOCATION	L0004481	VOLUME	608206.471	4123098.878	64.34
LOCATION	L0004482	VOLUME	608199.320	4123103.473	64.36
LOCATION	L0004483	VOLUME	608192.169	4123108.069	64.30
LOCATION	L0004484	VOLUME	608185.019	4123112.664	64.33
LOCATION	L0004485	VOLUME	608177.868	4123117.259	64.35
LOCATION	L0004486	VOLUME	608170.717	4123121.855	64.39
LOCATION	L0004487	VOLUME	608163.567	4123126.450	64.46
LOCATION	L0004488	VOLUME	608156.416	4123131.046	64.46
LOCATION	L0004489	VOLUME	608149.265	4123135.641	64.38
LOCATION	L0004490	VOLUME	608142.115	4123140.237	64.32
LOCATION	L0004491	VOLUME	608134.964	4123144.832	64.35
LOCATION	L0004492	VOLUME	608127.813	4123149.427	64.36
LOCATION	L0004493	VOLUME	608120.663	4123154.023	64.40
LOCATION	L0004494	VOLUME	608113.512	4123158.618	64.46
LOCATION	L0004495	VOLUME	608106.361	4123163.214	64.51
LOCATION	L0004496	VOLUME	608099.211	4123167.809	64.42
LOCATION	L0004497	VOLUME	608092.060	4123172.405	64.40
LOCATION	L0004498	VOLUME	608084.909	4123177.000	64.41
LOCATION	L0004499	VOLUME	608077.759	4123181.596	64.39
LOCATION	L0004500	VOLUME	608070.608	4123186.191	64.40
LOCATION	L0004501	VOLUME	608063.457	4123190.786	64.45
LOCATION	L0004502	VOLUME	608056.307	4123195.382	64.44

LOCATION	L0004503	VOLUME	608049.156	4123199.977	64.38
LOCATION	L0004504	VOLUME	608042.005	4123204.573	64.38
LOCATION	L0004505	VOLUME	608034.855	4123209.168	64.38
LOCATION	L0004506	VOLUME	608027.704	4123213.764	64.34
LOCATION	L0004507	VOLUME	608020.553	4123218.359	64.34
LOCATION	L0004508	VOLUME	608013.403	4123222.954	64.39
LOCATION	L0004509	VOLUME	608006.252	4123227.550	64.34
LOCATION	L0004510	VOLUME	607999.101	4123232.145	64.29
LOCATION	L0004511	VOLUME	607991.951	4123236.741	64.26
LOCATION	L0004512	VOLUME	607984.800	4123241.336	64.24
LOCATION	L0004513	VOLUME	607977.650	4123245.932	64.22
LOCATION	L0004514	VOLUME	607970.499	4123250.527	64.24
LOCATION	L0004515	VOLUME	607963.348	4123255.123	64.27
LOCATION	L0004516	VOLUME	607956.198	4123259.718	64.22
LOCATION	L0004517	VOLUME	607949.047	4123264.313	64.20
LOCATION	L0004518	VOLUME	607941.896	4123268.909	64.20
LOCATION	L0004519	VOLUME	607934.746	4123273.504	64.19
LOCATION	L0004520	VOLUME	607927.595	4123278.100	64.18
LOCATION	L0004521	VOLUME	607920.444	4123282.695	64.20
LOCATION	L0004522	VOLUME	607913.294	4123287.291	64.19
LOCATION	L0004523	VOLUME	607906.143	4123291.886	64.14
LOCATION	L0004524	VOLUME	607898.992	4123296.481	64.11
LOCATION	L0004525	VOLUME	607891.842	4123301.077	64.12
LOCATION	L0004526	VOLUME	607884.691	4123305.672	64.12
LOCATION	L0004527	VOLUME	607877.540	4123310.268	64.12
LOCATION	L0004528	VOLUME	607870.390	4123314.863	64.16
LOCATION	L0004529	VOLUME	607863.239	4123319.459	64.13

\*\* End of LINE VOLUME Source ID = SLINE2

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE1

SRCPARAM	L0004047	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004048	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004049	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004050	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004051	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004052	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004053	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004054	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004055	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004056	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004057	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004058	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004059	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004060	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004061	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004062	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004063	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004064	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004065	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004066	0.000001312	3.06	3.95	2.85











SRCPARAM	L0004267	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004268	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004269	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004270	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004271	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004272	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004273	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004274	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004275	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004276	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004277	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004278	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004279	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004280	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004281	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004282	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004283	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004284	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004285	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004286	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004287	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004288	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004289	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004290	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004291	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004292	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004293	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004294	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004295	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004296	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004297	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004298	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004299	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004300	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004301	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004302	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004303	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004304	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004305	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004306	0.000001312	3.06	3.95	2.85

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\*\* LINE VOLUME Source ID = SLINE2

SRCPARAM	L0004307	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004308	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004309	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004310	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004311	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004312	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004313	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004314	0.0000001561	3.06	3.95	2.85









SRCPARAM L0004515	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004516	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004517	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004518	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004519	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004520	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004521	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004522	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004523	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004524	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004525	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004526	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004527	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004528	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004529	0.0000001561	3.06	3.95	2.85

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 URBANSRC ALL  
 SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

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\*\*

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RE STARTING

INCLUDED "Rue Ferrari\_Const\_T4.rou"

RE FINISHED

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\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE ..\..\724946.SFC

PROFFILE ..\..\724946.PFL

SURFDATA 93232 2009

UAIRDATA 23230 2009 OAKLAND/WSO\_AP

PROFBASE 40.5 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Output Pathway

\*\*\*\*\*

\*\*

\*\*

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST



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RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "RUE FERRARI_CONST_T4.AD\01H1GALL.PLT" 31
  PLOTFILE 24 ALL 1ST "RUE FERRARI_CONST_T4.AD\24H1GALL.PLT" 32
  PLOTFILE PERIOD ALL "RUE FERRARI_CONST_T4.AD\PE00GALL.PLT" 33
  SUMMFILE "Rue Ferrari_Const_T4.sum"
OU FINISHED
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** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     10
** ZONEINX  0
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** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.0
** Lakes Environmental Software Inc.
** Date: 8/18/2021
** File: C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari_Const_T4\Rue
Ferrari_Const_T4\Rue Ferrari_Const_T4.ADI
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*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
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  MODELOPT DFAULT CONC
  AVERTIME 1 24 PERIOD
  URBANOPT 1928000 Santa_Clara_County
  POLLUTID PM_2.5
  RUNORNOT RUN
  ERRORFIL "Rue Ferrari_Const_T4.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Construction Onsite
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 0.000341175
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 21
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** 608336.865, 4123120.072, 63.70, 3.06, 3.95
** 608515.413, 4123366.024, 64.61, 3.06, 3.95

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\*\* 608477.409, 4123423.389, 64.30, 3.06, 3.95  
 \*\* 608419.327, 4123469.997, 64.43, 3.06, 3.95  
 \*\* 608308.183, 4123318.698, 63.70, 3.06, 3.95  
 \*\* 608330.412, 4123300.054, 64.15, 3.06, 3.95  
 \*\* 608250.818, 4123197.515, 63.58, 3.06, 3.95  
 \*\* 608328.977, 4123150.189, 63.74, 3.06, 3.95  
 \*\* 608497.486, 4123376.063, 64.56, 3.06, 3.95  
 \*\* 608428.649, 4123441.315, 64.41, 3.06, 3.95  
 \*\* 608343.319, 4123323.000, 64.34, 3.06, 3.95  
 \*\* 608373.435, 4123300.771, 64.49, 3.06, 3.95  
 \*\* 608369.086, 4123292.932, 64.49, 3.06, 3.95  
 \*\* 608285.954, 4123198.232, 63.72, 3.06, 3.95  
 \*\* 608318.939, 4123180.305, 63.95, 3.06, 3.95  
 \*\* 608471.672, 4123373.911, 64.47, 3.06, 3.95  
 \*\* 608427.932, 4123404.745, 64.42, 3.06, 3.95  
 \*\* 608377.020, 4123331.605, 64.45, 3.06, 3.95  
 \*\* 608399.249, 4123315.113, 64.47, 3.06, 3.95  
 \*\* 608430.083, 4123366.024, 64.47, 3.06, 3.95

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LOCATION	L0004047	VOLUME	608244.404	4123176.653	63.53
LOCATION	L0004048	VOLUME	608251.654	4123172.216	63.55
LOCATION	L0004049	VOLUME	608258.905	4123167.779	63.57
LOCATION	L0004050	VOLUME	608266.155	4123163.343	63.59
LOCATION	L0004051	VOLUME	608273.405	4123158.906	63.59
LOCATION	L0004052	VOLUME	608280.655	4123154.469	63.56
LOCATION	L0004053	VOLUME	608287.905	4123150.033	63.55
LOCATION	L0004054	VOLUME	608295.156	4123145.596	63.57
LOCATION	L0004055	VOLUME	608302.406	4123141.159	63.60
LOCATION	L0004056	VOLUME	608309.656	4123136.722	63.65
LOCATION	L0004057	VOLUME	608316.906	4123132.286	63.66
LOCATION	L0004058	VOLUME	608324.157	4123127.849	63.69
LOCATION	L0004059	VOLUME	608331.407	4123123.412	63.73
LOCATION	L0004060	VOLUME	608338.099	4123121.772	63.75
LOCATION	L0004061	VOLUME	608343.093	4123128.651	63.78
LOCATION	L0004062	VOLUME	608348.086	4123135.529	63.84
LOCATION	L0004063	VOLUME	608353.080	4123142.408	64.01
LOCATION	L0004064	VOLUME	608358.073	4123149.287	64.16
LOCATION	L0004065	VOLUME	608363.067	4123156.165	64.27
LOCATION	L0004066	VOLUME	608368.060	4123163.044	64.38
LOCATION	L0004067	VOLUME	608373.054	4123169.922	64.45
LOCATION	L0004068	VOLUME	608378.047	4123176.801	64.46
LOCATION	L0004069	VOLUME	608383.041	4123183.680	64.48
LOCATION	L0004070	VOLUME	608388.034	4123190.558	64.47
LOCATION	L0004071	VOLUME	608393.028	4123197.437	64.52
LOCATION	L0004072	VOLUME	608398.021	4123204.315	64.54
LOCATION	L0004073	VOLUME	608403.015	4123211.194	64.55
LOCATION	L0004074	VOLUME	608408.008	4123218.073	64.53
LOCATION	L0004075	VOLUME	608413.002	4123224.951	64.38
LOCATION	L0004076	VOLUME	608417.995	4123231.830	64.21
LOCATION	L0004077	VOLUME	608422.989	4123238.708	64.02

LOCATION	L0004078	VOLUME	608427.982	4123245.587	63.84
LOCATION	L0004079	VOLUME	608432.976	4123252.466	63.71
LOCATION	L0004080	VOLUME	608437.969	4123259.344	63.70
LOCATION	L0004081	VOLUME	608442.963	4123266.223	63.86
LOCATION	L0004082	VOLUME	608447.956	4123273.101	64.03
LOCATION	L0004083	VOLUME	608452.950	4123279.980	64.18
LOCATION	L0004084	VOLUME	608457.943	4123286.858	64.31
LOCATION	L0004085	VOLUME	608462.937	4123293.737	64.39
LOCATION	L0004086	VOLUME	608467.930	4123300.616	64.39
LOCATION	L0004087	VOLUME	608472.924	4123307.494	64.38
LOCATION	L0004088	VOLUME	608477.917	4123314.373	64.38
LOCATION	L0004089	VOLUME	608482.911	4123321.251	64.42
LOCATION	L0004090	VOLUME	608487.904	4123328.130	64.41
LOCATION	L0004091	VOLUME	608492.898	4123335.009	64.38
LOCATION	L0004092	VOLUME	608497.891	4123341.887	64.36
LOCATION	L0004093	VOLUME	608502.885	4123348.766	64.34
LOCATION	L0004094	VOLUME	608507.878	4123355.644	64.44
LOCATION	L0004095	VOLUME	608512.872	4123362.523	64.71
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LOCATION	L0004097	VOLUME	608508.413	4123376.589	64.69
LOCATION	L0004098	VOLUME	608503.719	4123383.675	64.48
LOCATION	L0004099	VOLUME	608499.024	4123390.761	64.47
LOCATION	L0004100	VOLUME	608494.330	4123397.848	64.44
LOCATION	L0004101	VOLUME	608489.635	4123404.934	64.39
LOCATION	L0004102	VOLUME	608484.941	4123412.020	64.31
LOCATION	L0004103	VOLUME	608480.246	4123419.106	64.29
LOCATION	L0004104	VOLUME	608474.786	4123425.493	64.33
LOCATION	L0004105	VOLUME	608468.157	4123430.813	64.36
LOCATION	L0004106	VOLUME	608461.528	4123436.133	64.34
LOCATION	L0004107	VOLUME	608454.898	4123441.453	64.27
LOCATION	L0004108	VOLUME	608448.269	4123446.772	64.30
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LOCATION	L0004110	VOLUME	608435.010	4123457.412	64.51
LOCATION	L0004111	VOLUME	608428.381	4123462.732	64.43
LOCATION	L0004112	VOLUME	608421.751	4123468.052	64.41
LOCATION	L0004113	VOLUME	608416.135	4123465.652	64.36
LOCATION	L0004114	VOLUME	608411.103	4123458.802	64.20
LOCATION	L0004115	VOLUME	608406.071	4123451.952	63.96
LOCATION	L0004116	VOLUME	608401.038	4123445.101	63.80
LOCATION	L0004117	VOLUME	608396.006	4123438.251	63.94
LOCATION	L0004118	VOLUME	608390.974	4123431.401	64.01
LOCATION	L0004119	VOLUME	608385.942	4123424.550	64.00
LOCATION	L0004120	VOLUME	608380.909	4123417.700	63.92
LOCATION	L0004121	VOLUME	608375.877	4123410.850	63.93
LOCATION	L0004122	VOLUME	608370.845	4123403.999	64.02
LOCATION	L0004123	VOLUME	608365.813	4123397.149	64.04
LOCATION	L0004124	VOLUME	608360.781	4123390.299	63.98
LOCATION	L0004125	VOLUME	608355.748	4123383.448	63.85
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LOCATION	L0004127	VOLUME	608345.684	4123369.748	64.04

LOCATION L0004128	VOLUME	608340.652	4123362.898	64.02
LOCATION L0004129	VOLUME	608335.619	4123356.047	63.91
LOCATION L0004130	VOLUME	608330.587	4123349.197	63.84
LOCATION L0004131	VOLUME	608325.555	4123342.347	63.97
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LOCATION L0004139	VOLUME	608324.498	4123292.436	64.01
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LOCATION L0004141	VOLUME	608314.074	4123279.007	63.75
LOCATION L0004142	VOLUME	608308.862	4123272.292	63.66
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LOCATION L0004152	VOLUME	608256.742	4123205.147	63.59
LOCATION L0004153	VOLUME	608251.530	4123198.432	63.58
LOCATION L0004154	VOLUME	608257.095	4123193.714	63.59
LOCATION L0004155	VOLUME	608264.366	4123189.311	63.61
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LOCATION L0004162	VOLUME	608315.263	4123158.493	63.89
LOCATION L0004163	VOLUME	608322.534	4123154.090	63.97
LOCATION L0004164	VOLUME	608329.556	4123150.964	64.03
LOCATION L0004165	VOLUME	608334.638	4123157.777	64.26
LOCATION L0004166	VOLUME	608339.721	4123164.590	64.43
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LOCATION L0004169	VOLUME	608354.969	4123185.029	64.49
LOCATION L0004170	VOLUME	608360.052	4123191.842	64.49
LOCATION L0004171	VOLUME	608365.135	4123198.655	64.50
LOCATION L0004172	VOLUME	608370.217	4123205.468	64.51
LOCATION L0004173	VOLUME	608375.300	4123212.281	64.52
LOCATION L0004174	VOLUME	608380.383	4123219.094	64.52
LOCATION L0004175	VOLUME	608385.465	4123225.907	64.53
LOCATION L0004176	VOLUME	608390.548	4123232.720	64.54
LOCATION L0004177	VOLUME	608395.631	4123239.532	64.53

LOCATION	L0004178	VOLUME	608400.713	4123246.345	64.51
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LOCATION	L0004185	VOLUME	608436.292	4123294.036	64.52
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LOCATION	L0004188	VOLUME	608451.540	4123314.475	64.45
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LOCATION	L0004190	VOLUME	608461.706	4123328.101	64.40
LOCATION	L0004191	VOLUME	608466.788	4123334.914	64.32
LOCATION	L0004192	VOLUME	608471.871	4123341.727	64.22
LOCATION	L0004193	VOLUME	608476.954	4123348.540	64.09
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LOCATION	L0004201	VOLUME	608473.056	4123399.220	64.40
LOCATION	L0004202	VOLUME	608466.887	4123405.068	64.41
LOCATION	L0004203	VOLUME	608460.718	4123410.916	64.45
LOCATION	L0004204	VOLUME	608454.550	4123416.763	64.51
LOCATION	L0004205	VOLUME	608448.381	4123422.611	64.45
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LOCATION	L0004208	VOLUME	608429.874	4123440.154	64.43
LOCATION	L0004209	VOLUME	608424.664	4123435.790	64.34
LOCATION	L0004210	VOLUME	608419.692	4123428.896	64.25
LOCATION	L0004211	VOLUME	608414.720	4123422.002	64.20
LOCATION	L0004212	VOLUME	608409.748	4123415.108	64.19
LOCATION	L0004213	VOLUME	608404.776	4123408.214	64.17
LOCATION	L0004214	VOLUME	608399.804	4123401.320	64.19
LOCATION	L0004215	VOLUME	608394.832	4123394.426	64.25
LOCATION	L0004216	VOLUME	608389.859	4123387.532	64.34
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LOCATION	L0004221	VOLUME	608364.999	4123353.061	64.43
LOCATION	L0004222	VOLUME	608360.027	4123346.167	64.42
LOCATION	L0004223	VOLUME	608355.055	4123339.273	64.39
LOCATION	L0004224	VOLUME	608350.083	4123332.379	64.36
LOCATION	L0004225	VOLUME	608345.111	4123325.485	64.38
LOCATION	L0004226	VOLUME	608347.693	4123319.772	64.42
LOCATION	L0004227	VOLUME	608354.531	4123314.724	64.44

LOCATION	L0004228	VOLUME	608361.370	4123309.676	64.47
LOCATION	L0004229	VOLUME	608368.209	4123304.628	64.48
LOCATION	L0004230	VOLUME	608372.462	4123299.018	64.49
LOCATION	L0004231	VOLUME	608368.070	4123291.775	64.51
LOCATION	L0004232	VOLUME	608362.462	4123285.387	64.52
LOCATION	L0004233	VOLUME	608356.855	4123278.999	64.50
LOCATION	L0004234	VOLUME	608351.247	4123272.611	64.34
LOCATION	L0004235	VOLUME	608345.640	4123266.223	64.15
LOCATION	L0004236	VOLUME	608340.032	4123259.835	63.93
LOCATION	L0004237	VOLUME	608334.424	4123253.447	63.77
LOCATION	L0004238	VOLUME	608328.817	4123247.060	63.74
LOCATION	L0004239	VOLUME	608323.209	4123240.672	63.74
LOCATION	L0004240	VOLUME	608317.602	4123234.284	63.73
LOCATION	L0004241	VOLUME	608311.994	4123227.896	63.72
LOCATION	L0004242	VOLUME	608306.387	4123221.508	63.71
LOCATION	L0004243	VOLUME	608300.779	4123215.120	63.71
LOCATION	L0004244	VOLUME	608295.172	4123208.732	63.72
LOCATION	L0004245	VOLUME	608289.564	4123202.344	63.72
LOCATION	L0004246	VOLUME	608288.614	4123196.786	63.74
LOCATION	L0004247	VOLUME	608296.082	4123192.727	63.75
LOCATION	L0004248	VOLUME	608303.551	4123188.668	63.78
LOCATION	L0004249	VOLUME	608311.019	4123184.609	63.85
LOCATION	L0004250	VOLUME	608318.487	4123180.551	64.06
LOCATION	L0004251	VOLUME	608323.885	4123186.575	64.20
LOCATION	L0004252	VOLUME	608329.150	4123193.249	64.35
LOCATION	L0004253	VOLUME	608334.414	4123199.922	64.42
LOCATION	L0004254	VOLUME	608339.679	4123206.596	64.34
LOCATION	L0004255	VOLUME	608344.943	4123213.269	64.32
LOCATION	L0004256	VOLUME	608350.208	4123219.942	64.36
LOCATION	L0004257	VOLUME	608355.472	4123226.616	64.46
LOCATION	L0004258	VOLUME	608360.737	4123233.289	64.51
LOCATION	L0004259	VOLUME	608366.002	4123239.963	64.51
LOCATION	L0004260	VOLUME	608371.266	4123246.636	64.51
LOCATION	L0004261	VOLUME	608376.531	4123253.309	64.53
LOCATION	L0004262	VOLUME	608381.795	4123259.983	64.55
LOCATION	L0004263	VOLUME	608387.060	4123266.656	64.53
LOCATION	L0004264	VOLUME	608392.324	4123273.330	64.51
LOCATION	L0004265	VOLUME	608397.589	4123280.003	64.52
LOCATION	L0004266	VOLUME	608402.854	4123286.676	64.54
LOCATION	L0004267	VOLUME	608408.118	4123293.350	64.56
LOCATION	L0004268	VOLUME	608413.383	4123300.023	64.55
LOCATION	L0004269	VOLUME	608418.647	4123306.697	64.54
LOCATION	L0004270	VOLUME	608423.912	4123313.370	64.55
LOCATION	L0004271	VOLUME	608429.176	4123320.043	64.57
LOCATION	L0004272	VOLUME	608434.441	4123326.717	64.54
LOCATION	L0004273	VOLUME	608439.706	4123333.390	64.49
LOCATION	L0004274	VOLUME	608444.970	4123340.064	64.45
LOCATION	L0004275	VOLUME	608450.235	4123346.737	64.40
LOCATION	L0004276	VOLUME	608455.499	4123353.410	64.35
LOCATION	L0004277	VOLUME	608460.764	4123360.084	64.31

LOCATION	VOLUME				
L0004278	608466.028	4123366.757	64.32		
L0004279	608471.293	4123373.431	64.36		
L0004280	608465.226	4123378.456	64.42		
L0004281	608458.278	4123383.353	64.45		
L0004282	608451.331	4123388.251	64.45		
L0004283	608444.383	4123393.148	64.45		
L0004284	608437.436	4123398.045	64.44		
L0004285	608430.489	4123402.943	64.43		
L0004286	608424.863	4123400.336	64.39		
L0004287	608420.007	4123393.360	64.35		
L0004288	608415.151	4123386.384	64.34		
L0004289	608410.295	4123379.407	64.36		
L0004290	608405.439	4123372.431	64.39		
L0004291	608400.583	4123365.455	64.44		
L0004292	608395.727	4123358.478	64.48		
L0004293	608390.870	4123351.502	64.51		
L0004294	608386.014	4123344.526	64.50		
L0004295	608381.158	4123337.550	64.48		
L0004296	608378.030	4123330.856	64.46		
L0004297	608384.856	4123325.791	64.46		
L0004298	608391.682	4123320.727	64.47		
L0004299	608398.509	4123315.662	64.49		
L0004300	608403.175	4123321.594	64.49		
L0004301	608407.578	4123328.865	64.50		
L0004302	608411.982	4123336.136	64.51		
L0004303	608416.385	4123343.406	64.50		
L0004304	608420.788	4123350.677	64.49		
L0004305	608425.191	4123357.947	64.47		
L0004306	608429.595	4123365.218	64.45		

\*\* End of LINE VOLUME Source ID = SLINE1

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE2

\*\* DESCRSRC Offsite Hauling

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000348

\*\* Vertical Dimension = 6.12

\*\* SZINIT = 2.85

\*\* Nodes = 12

\*\* 608256.989, 4123150.605, 63.48, 3.06, 3.95

\*\* 608245.675, 4123136.059, 63.55, 3.06, 3.95

\*\* 608336.181, 4123089.190, 63.64, 3.06, 3.95

\*\* 608588.303, 4122992.220, 63.69, 3.06, 3.95

\*\* 608704.668, 4122955.048, 63.85, 3.06, 3.95

\*\* 608837.194, 4122959.897, 67.30, 3.06, 3.95

\*\* 608838.810, 4122862.927, 66.48, 3.06, 3.95

\*\* 608785.476, 4122804.745, 66.12, 3.06, 3.95

\*\* 608748.304, 4122793.431, 65.85, 3.06, 3.95



\*\* 608678.809, 4122820.906, 67.74, 3.06, 3.95

\*\* 608442.848, 4122946.967, 66.13, 3.06, 3.95

\*\* 607859.411, 4123321.919, 64.12, 3.06, 3.95

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LOCATION	L0004307	VOLUME	608254.379	4123147.250	63.55
LOCATION	L0004308	VOLUME	608249.161	4123140.541	63.56
LOCATION	L0004309	VOLUME	608248.182	4123134.761	63.58
LOCATION	L0004310	VOLUME	608255.730	4123130.852	63.48
LOCATION	L0004311	VOLUME	608263.278	4123126.944	63.38
LOCATION	L0004312	VOLUME	608270.826	4123123.035	63.40
LOCATION	L0004313	VOLUME	608278.374	4123119.126	63.51
LOCATION	L0004314	VOLUME	608285.922	4123115.217	63.69
LOCATION	L0004315	VOLUME	608293.470	4123111.309	63.68
LOCATION	L0004316	VOLUME	608301.018	4123107.400	63.63
LOCATION	L0004317	VOLUME	608308.566	4123103.491	63.52
LOCATION	L0004318	VOLUME	608316.114	4123099.582	63.54
LOCATION	L0004319	VOLUME	608323.662	4123095.674	63.59
LOCATION	L0004320	VOLUME	608331.210	4123091.765	63.63
LOCATION	L0004321	VOLUME	608338.889	4123088.149	63.65
LOCATION	L0004322	VOLUME	608346.823	4123085.097	63.69
LOCATION	L0004323	VOLUME	608354.756	4123082.046	63.76
LOCATION	L0004324	VOLUME	608362.689	4123078.995	63.86
LOCATION	L0004325	VOLUME	608370.623	4123075.943	63.95
LOCATION	L0004326	VOLUME	608378.556	4123072.892	63.96
LOCATION	L0004327	VOLUME	608386.490	4123069.841	63.89
LOCATION	L0004328	VOLUME	608394.423	4123066.789	63.78
LOCATION	L0004329	VOLUME	608402.357	4123063.738	63.69
LOCATION	L0004330	VOLUME	608410.290	4123060.687	63.65
LOCATION	L0004331	VOLUME	608418.224	4123057.636	63.70
LOCATION	L0004332	VOLUME	608426.157	4123054.584	63.80
LOCATION	L0004333	VOLUME	608434.090	4123051.533	63.93
LOCATION	L0004334	VOLUME	608442.024	4123048.482	63.88
LOCATION	L0004335	VOLUME	608449.957	4123045.430	63.82
LOCATION	L0004336	VOLUME	608457.891	4123042.379	63.69
LOCATION	L0004337	VOLUME	608465.824	4123039.328	63.78
LOCATION	L0004338	VOLUME	608473.758	4123036.276	63.87
LOCATION	L0004339	VOLUME	608481.691	4123033.225	63.92
LOCATION	L0004340	VOLUME	608489.624	4123030.174	63.84
LOCATION	L0004341	VOLUME	608497.558	4123027.122	63.81
LOCATION	L0004342	VOLUME	608505.491	4123024.071	63.88
LOCATION	L0004343	VOLUME	608513.425	4123021.020	63.91
LOCATION	L0004344	VOLUME	608521.358	4123017.968	63.86
LOCATION	L0004345	VOLUME	608529.292	4123014.917	63.78
LOCATION	L0004346	VOLUME	608537.225	4123011.866	63.69
LOCATION	L0004347	VOLUME	608545.159	4123008.814	63.64
LOCATION	L0004348	VOLUME	608553.092	4123005.763	63.59
LOCATION	L0004349	VOLUME	608561.025	4123002.712	63.55
LOCATION	L0004350	VOLUME	608568.959	4122999.660	63.56
LOCATION	L0004351	VOLUME	608576.892	4122996.609	63.62
LOCATION	L0004352	VOLUME	608584.826	4122993.558	63.70

LOCATION	L0004353	VOLUME	608592.851	4122990.767	63.74
LOCATION	L0004354	VOLUME	608600.948	4122988.181	63.76
LOCATION	L0004355	VOLUME	608609.045	4122985.594	63.75
LOCATION	L0004356	VOLUME	608617.142	4122983.008	63.68
LOCATION	L0004357	VOLUME	608625.239	4122980.421	63.62
LOCATION	L0004358	VOLUME	608633.336	4122977.835	63.57
LOCATION	L0004359	VOLUME	608641.432	4122975.248	63.57
LOCATION	L0004360	VOLUME	608649.529	4122972.662	63.59
LOCATION	L0004361	VOLUME	608657.626	4122970.075	63.63
LOCATION	L0004362	VOLUME	608665.723	4122967.489	63.68
LOCATION	L0004363	VOLUME	608673.820	4122964.902	63.75
LOCATION	L0004364	VOLUME	608681.917	4122962.316	63.82
LOCATION	L0004365	VOLUME	608690.014	4122959.729	63.88
LOCATION	L0004366	VOLUME	608698.111	4122957.143	63.88
LOCATION	L0004367	VOLUME	608706.283	4122955.107	63.84
LOCATION	L0004368	VOLUME	608714.778	4122955.418	63.87
LOCATION	L0004369	VOLUME	608723.272	4122955.729	63.90
LOCATION	L0004370	VOLUME	608731.766	4122956.040	63.96
LOCATION	L0004371	VOLUME	608740.261	4122956.350	64.36
LOCATION	L0004372	VOLUME	608748.755	4122956.661	64.75
LOCATION	L0004373	VOLUME	608757.249	4122956.972	65.12
LOCATION	L0004374	VOLUME	608765.744	4122957.283	65.44
LOCATION	L0004375	VOLUME	608774.238	4122957.594	65.75
LOCATION	L0004376	VOLUME	608782.732	4122957.904	66.06
LOCATION	L0004377	VOLUME	608791.226	4122958.215	66.35
LOCATION	L0004378	VOLUME	608799.721	4122958.526	66.65
LOCATION	L0004379	VOLUME	608808.215	4122958.837	66.87
LOCATION	L0004380	VOLUME	608816.709	4122959.147	66.98
LOCATION	L0004381	VOLUME	608825.204	4122959.458	67.10
LOCATION	L0004382	VOLUME	608833.698	4122959.769	67.19
LOCATION	L0004383	VOLUME	608837.277	4122954.895	67.17
LOCATION	L0004384	VOLUME	608837.419	4122946.396	67.11
LOCATION	L0004385	VOLUME	608837.560	4122937.898	67.05
LOCATION	L0004386	VOLUME	608837.702	4122929.399	66.99
LOCATION	L0004387	VOLUME	608837.843	4122920.900	66.91
LOCATION	L0004388	VOLUME	608837.985	4122912.401	66.82
LOCATION	L0004389	VOLUME	608838.127	4122903.902	66.73
LOCATION	L0004390	VOLUME	608838.268	4122895.404	66.64
LOCATION	L0004391	VOLUME	608838.410	4122886.905	66.59
LOCATION	L0004392	VOLUME	608838.552	4122878.406	66.53
LOCATION	L0004393	VOLUME	608838.693	4122869.907	66.47
LOCATION	L0004394	VOLUME	608837.784	4122861.807	66.43
LOCATION	L0004395	VOLUME	608832.040	4122855.541	66.40
LOCATION	L0004396	VOLUME	608826.296	4122849.276	65.99
LOCATION	L0004397	VOLUME	608820.553	4122843.010	65.49
LOCATION	L0004398	VOLUME	608814.809	4122836.744	65.03
LOCATION	L0004399	VOLUME	608809.065	4122830.478	64.63
LOCATION	L0004400	VOLUME	608803.322	4122824.212	64.51
LOCATION	L0004401	VOLUME	608797.578	4122817.947	64.74
LOCATION	L0004402	VOLUME	608791.834	4122811.681	65.16

LOCATION L0004403	VOLUME	608786.091	4122805.415	65.77
LOCATION L0004404	VOLUME	608778.214	4122802.534	66.04
LOCATION L0004405	VOLUME	608770.083	4122800.060	65.64
LOCATION L0004406	VOLUME	608761.951	4122797.585	65.33
LOCATION L0004407	VOLUME	608753.819	4122795.110	65.62
LOCATION L0004408	VOLUME	608745.761	4122794.437	66.54
LOCATION L0004409	VOLUME	608737.856	4122797.562	67.23
LOCATION L0004410	VOLUME	608729.951	4122800.687	67.63
LOCATION L0004411	VOLUME	608722.047	4122803.812	67.67
LOCATION L0004412	VOLUME	608714.142	4122806.937	67.54
LOCATION L0004413	VOLUME	608706.237	4122810.062	67.41
LOCATION L0004414	VOLUME	608698.333	4122813.188	67.67
LOCATION L0004415	VOLUME	608690.428	4122816.313	68.05
LOCATION L0004416	VOLUME	608682.523	4122819.438	68.51
LOCATION L0004417	VOLUME	608674.835	4122823.029	68.63
LOCATION L0004418	VOLUME	608667.337	4122827.035	68.89
LOCATION L0004419	VOLUME	608659.840	4122831.040	69.33
LOCATION L0004420	VOLUME	608652.343	4122835.045	68.93
LOCATION L0004421	VOLUME	608644.846	4122839.051	68.53
LOCATION L0004422	VOLUME	608637.349	4122843.056	68.38
LOCATION L0004423	VOLUME	608629.852	4122847.061	68.35
LOCATION L0004424	VOLUME	608622.355	4122851.067	68.43
LOCATION L0004425	VOLUME	608614.857	4122855.072	68.72
LOCATION L0004426	VOLUME	608607.360	4122859.077	69.06
LOCATION L0004427	VOLUME	608599.863	4122863.083	68.77
LOCATION L0004428	VOLUME	608592.366	4122867.088	68.14
LOCATION L0004429	VOLUME	608584.869	4122871.093	67.63
LOCATION L0004430	VOLUME	608577.372	4122875.099	67.45
LOCATION L0004431	VOLUME	608569.874	4122879.104	67.58
LOCATION L0004432	VOLUME	608562.377	4122883.109	67.98
LOCATION L0004433	VOLUME	608554.880	4122887.115	68.15
LOCATION L0004434	VOLUME	608547.383	4122891.120	68.05
LOCATION L0004435	VOLUME	608539.886	4122895.125	67.53
LOCATION L0004436	VOLUME	608532.389	4122899.131	66.97
LOCATION L0004437	VOLUME	608524.891	4122903.136	66.79
LOCATION L0004438	VOLUME	608517.394	4122907.141	66.93
LOCATION L0004439	VOLUME	608509.897	4122911.147	67.38
LOCATION L0004440	VOLUME	608502.400	4122915.152	67.25
LOCATION L0004441	VOLUME	608494.903	4122919.157	67.13
LOCATION L0004442	VOLUME	608487.406	4122923.163	66.92
LOCATION L0004443	VOLUME	608479.909	4122927.168	66.47
LOCATION L0004444	VOLUME	608472.411	4122931.173	66.27
LOCATION L0004445	VOLUME	608464.914	4122935.179	66.31
LOCATION L0004446	VOLUME	608457.417	4122939.184	66.43
LOCATION L0004447	VOLUME	608449.920	4122943.189	66.30
LOCATION L0004448	VOLUME	608442.422	4122947.228	66.20
LOCATION L0004449	VOLUME	608435.292	4122951.824	66.11
LOCATION L0004450	VOLUME	608428.141	4122956.419	65.69
LOCATION L0004451	VOLUME	608420.990	4122961.014	65.45
LOCATION L0004452	VOLUME	608413.840	4122965.610	65.44

LOCATION L0004453	VOLUME	608406.689	4122970.205	65.44
LOCATION L0004454	VOLUME	608399.538	4122974.801	65.33
LOCATION L0004455	VOLUME	608392.388	4122979.396	65.25
LOCATION L0004456	VOLUME	608385.237	4122983.992	65.10
LOCATION L0004457	VOLUME	608378.087	4122988.587	64.82
LOCATION L0004458	VOLUME	608370.936	4122993.183	64.69
LOCATION L0004459	VOLUME	608363.785	4122997.778	64.71
LOCATION L0004460	VOLUME	608356.635	4123002.373	64.70
LOCATION L0004461	VOLUME	608349.484	4123006.969	64.64
LOCATION L0004462	VOLUME	608342.333	4123011.564	64.63
LOCATION L0004463	VOLUME	608335.183	4123016.160	64.53
LOCATION L0004464	VOLUME	608328.032	4123020.755	64.40
LOCATION L0004465	VOLUME	608320.881	4123025.351	64.34
LOCATION L0004466	VOLUME	608313.731	4123029.946	64.33
LOCATION L0004467	VOLUME	608306.580	4123034.541	64.33
LOCATION L0004468	VOLUME	608299.429	4123039.137	64.34
LOCATION L0004469	VOLUME	608292.279	4123043.732	64.39
LOCATION L0004470	VOLUME	608285.128	4123048.328	64.36
LOCATION L0004471	VOLUME	608277.977	4123052.923	64.28
LOCATION L0004472	VOLUME	608270.827	4123057.519	64.24
LOCATION L0004473	VOLUME	608263.676	4123062.114	64.24
LOCATION L0004474	VOLUME	608256.525	4123066.710	64.26
LOCATION L0004475	VOLUME	608249.375	4123071.305	64.30
LOCATION L0004476	VOLUME	608242.224	4123075.900	64.30
LOCATION L0004477	VOLUME	608235.073	4123080.496	64.29
LOCATION L0004478	VOLUME	608227.923	4123085.091	64.26
LOCATION L0004479	VOLUME	608220.772	4123089.687	64.27
LOCATION L0004480	VOLUME	608213.621	4123094.282	64.33
LOCATION L0004481	VOLUME	608206.471	4123098.878	64.34
LOCATION L0004482	VOLUME	608199.320	4123103.473	64.36
LOCATION L0004483	VOLUME	608192.169	4123108.069	64.30
LOCATION L0004484	VOLUME	608185.019	4123112.664	64.33
LOCATION L0004485	VOLUME	608177.868	4123117.259	64.35
LOCATION L0004486	VOLUME	608170.717	4123121.855	64.39
LOCATION L0004487	VOLUME	608163.567	4123126.450	64.46
LOCATION L0004488	VOLUME	608156.416	4123131.046	64.46
LOCATION L0004489	VOLUME	608149.265	4123135.641	64.38
LOCATION L0004490	VOLUME	608142.115	4123140.237	64.32
LOCATION L0004491	VOLUME	608134.964	4123144.832	64.35
LOCATION L0004492	VOLUME	608127.813	4123149.427	64.36
LOCATION L0004493	VOLUME	608120.663	4123154.023	64.40
LOCATION L0004494	VOLUME	608113.512	4123158.618	64.46
LOCATION L0004495	VOLUME	608106.361	4123163.214	64.51
LOCATION L0004496	VOLUME	608099.211	4123167.809	64.42
LOCATION L0004497	VOLUME	608092.060	4123172.405	64.40
LOCATION L0004498	VOLUME	608084.909	4123177.000	64.41
LOCATION L0004499	VOLUME	608077.759	4123181.596	64.39
LOCATION L0004500	VOLUME	608070.608	4123186.191	64.40
LOCATION L0004501	VOLUME	608063.457	4123190.786	64.45
LOCATION L0004502	VOLUME	608056.307	4123195.382	64.44

LOCATION	L0004503	VOLUME	608049.156	4123199.977	64.38
LOCATION	L0004504	VOLUME	608042.005	4123204.573	64.38
LOCATION	L0004505	VOLUME	608034.855	4123209.168	64.38
LOCATION	L0004506	VOLUME	608027.704	4123213.764	64.34
LOCATION	L0004507	VOLUME	608020.553	4123218.359	64.34
LOCATION	L0004508	VOLUME	608013.403	4123222.954	64.39
LOCATION	L0004509	VOLUME	608006.252	4123227.550	64.34
LOCATION	L0004510	VOLUME	607999.101	4123232.145	64.29
LOCATION	L0004511	VOLUME	607991.951	4123236.741	64.26
LOCATION	L0004512	VOLUME	607984.800	4123241.336	64.24
LOCATION	L0004513	VOLUME	607977.650	4123245.932	64.22
LOCATION	L0004514	VOLUME	607970.499	4123250.527	64.24
LOCATION	L0004515	VOLUME	607963.348	4123255.123	64.27
LOCATION	L0004516	VOLUME	607956.198	4123259.718	64.22
LOCATION	L0004517	VOLUME	607949.047	4123264.313	64.20
LOCATION	L0004518	VOLUME	607941.896	4123268.909	64.20
LOCATION	L0004519	VOLUME	607934.746	4123273.504	64.19
LOCATION	L0004520	VOLUME	607927.595	4123278.100	64.18
LOCATION	L0004521	VOLUME	607920.444	4123282.695	64.20
LOCATION	L0004522	VOLUME	607913.294	4123287.291	64.19
LOCATION	L0004523	VOLUME	607906.143	4123291.886	64.14
LOCATION	L0004524	VOLUME	607898.992	4123296.481	64.11
LOCATION	L0004525	VOLUME	607891.842	4123301.077	64.12
LOCATION	L0004526	VOLUME	607884.691	4123305.672	64.12
LOCATION	L0004527	VOLUME	607877.540	4123310.268	64.12
LOCATION	L0004528	VOLUME	607870.390	4123314.863	64.16
LOCATION	L0004529	VOLUME	607863.239	4123319.459	64.13

\*\* End of LINE VOLUME Source ID = SLINE2

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE1

SRCPARAM	L0004047	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004048	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004049	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004050	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004051	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004052	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004053	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004054	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004055	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004056	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004057	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004058	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004059	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004060	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004061	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004062	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004063	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004064	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004065	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004066	0.000001312	3.06	3.95	2.85











SRCPARAM	L0004267	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004268	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004269	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004270	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004271	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004272	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004273	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004274	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004275	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004276	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004277	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004278	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004279	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004280	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004281	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004282	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004283	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004284	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004285	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004286	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004287	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004288	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004289	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004290	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004291	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004292	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004293	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004294	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004295	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004296	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004297	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004298	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004299	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004300	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004301	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004302	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004303	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004304	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004305	0.000001312	3.06	3.95	2.85
SRCPARAM	L0004306	0.000001312	3.06	3.95	2.85

\*\*

\*\* LINE VOLUME Source ID = SLINE2

SRCPARAM	L0004307	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004308	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004309	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004310	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004311	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004312	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004313	0.0000001561	3.06	3.95	2.85
SRCPARAM	L0004314	0.0000001561	3.06	3.95	2.85









SRCPARAM L0004515	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004516	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004517	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004518	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004519	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004520	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004521	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004522	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004523	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004524	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004525	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004526	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004527	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004528	0.0000001561	3.06	3.95	2.85
SRCPARAM L0004529	0.0000001561	3.06	3.95	2.85

\*\*

-----  
 URBANSRC ALL  
 SRCGROUP ALL

SO FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED "Rue Ferrari\_Const\_T4.rou"

RE FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE ..\..\724946.SFC

PROFFILE ..\..\724946.PFL

SURFDATA 93232 2009

UAIRDATA 23230 2009 OAKLAND/WSO\_AP

PROFBASE 40.5 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Output Pathway

\*\*\*\*\*

\*\*

\*\*

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 24 1ST  
\*\* Auto-Generated Plotfiles  
PLOTFILE 1 ALL 1ST "RUE FERRARI\_CONST\_T4.AD\01H1GALL.PLT" 31  
PLOTFILE 24 ALL 1ST "RUE FERRARI\_CONST\_T4.AD\24H1GALL.PLT" 32  
PLOTFILE PERIOD ALL "RUE FERRARI\_CONST\_T4.AD\PE00GALL.PLT" 33  
SUMMFILE "Rue Ferrari\_Const\_T4.sum"  
OU FINISHED

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

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Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

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

-- DEPOSITION LOGIC --

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

\*\*Model Uses URBAN Dispersion Algorithm for the SBL for 483 Source(s),  
for Total of 1 Urban Area(s):  
Urban Population = 1928000.0 ; Urban Roughness Length = 1.000 m

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

\*\*Other Options Specified:  
CCVR\_Sub - Meteorological data includes CCVR substitutions  
TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Assumes No FLAGPOLE Receptor Heights.



\*\*The User Specified a Pollutant Type of: PM<sub>2.5</sub>

\*\*Model Calculates 2 Short Term Average(s) of: 1-HR 24-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 483 Source(s); 1 Source Group(s); and 157  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 483 VOLUME source(s)  
and: 0 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

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

\*\*The AERMET Input Meteorological Data Version Date: 14134

\*\*Output Options Selected:

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

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

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 40.50 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.7 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File: Rue Ferrari\_Const\_T4.err

\*\*File for Summary of Results: Rue Ferrari\_Const\_T4.sum

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SZ	SOURCE	EMISSION	RATE		X	Y	ELEV.	HEIGHT	SY
	ID	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		CATS.	BY						
L0004047		0	0.13120E-05	608244.4	4123176.7	63.5	3.06	3.95	
2.85	YES								
L0004048		0	0.13120E-05	608251.7	4123172.2	63.5	3.06	3.95	
2.85	YES								
L0004049		0	0.13120E-05	608258.9	4123167.8	63.6	3.06	3.95	
2.85	YES								
L0004050		0	0.13120E-05	608266.2	4123163.3	63.6	3.06	3.95	
2.85	YES								
L0004051		0	0.13120E-05	608273.4	4123158.9	63.6	3.06	3.95	
2.85	YES								
L0004052		0	0.13120E-05	608280.7	4123154.5	63.6	3.06	3.95	
2.85	YES								
L0004053		0	0.13120E-05	608287.9	4123150.0	63.5	3.06	3.95	
2.85	YES								
L0004054		0	0.13120E-05	608295.2	4123145.6	63.6	3.06	3.95	
2.85	YES								
L0004055		0	0.13120E-05	608302.4	4123141.2	63.6	3.06	3.95	
2.85	YES								
L0004056		0	0.13120E-05	608309.7	4123136.7	63.6	3.06	3.95	
2.85	YES								
L0004057		0	0.13120E-05	608316.9	4123132.3	63.7	3.06	3.95	
2.85	YES								
L0004058		0	0.13120E-05	608324.2	4123127.8	63.7	3.06	3.95	
2.85	YES								
L0004059		0	0.13120E-05	608331.4	4123123.4	63.7	3.06	3.95	

2.85	YES							
L0004060		0	0.13120E-05	608338.1	4123121.8	63.8	3.06	3.95
2.85	YES							
L0004061		0	0.13120E-05	608343.1	4123128.7	63.8	3.06	3.95
2.85	YES							
L0004062		0	0.13120E-05	608348.1	4123135.5	63.8	3.06	3.95
2.85	YES							
L0004063		0	0.13120E-05	608353.1	4123142.4	64.0	3.06	3.95
2.85	YES							
L0004064		0	0.13120E-05	608358.1	4123149.3	64.2	3.06	3.95
2.85	YES							
L0004065		0	0.13120E-05	608363.1	4123156.2	64.3	3.06	3.95
2.85	YES							
L0004066		0	0.13120E-05	608368.1	4123163.0	64.4	3.06	3.95
2.85	YES							
L0004067		0	0.13120E-05	608373.1	4123169.9	64.5	3.06	3.95
2.85	YES							
L0004068		0	0.13120E-05	608378.0	4123176.8	64.5	3.06	3.95
2.85	YES							
L0004069		0	0.13120E-05	608383.0	4123183.7	64.5	3.06	3.95
2.85	YES							
L0004070		0	0.13120E-05	608388.0	4123190.6	64.5	3.06	3.95
2.85	YES							
L0004071		0	0.13120E-05	608393.0	4123197.4	64.5	3.06	3.95
2.85	YES							
L0004072		0	0.13120E-05	608398.0	4123204.3	64.5	3.06	3.95
2.85	YES							
L0004073		0	0.13120E-05	608403.0	4123211.2	64.5	3.06	3.95
2.85	YES							
L0004074		0	0.13120E-05	608408.0	4123218.1	64.5	3.06	3.95
2.85	YES							
L0004075		0	0.13120E-05	608413.0	4123225.0	64.4	3.06	3.95
2.85	YES							
L0004076		0	0.13120E-05	608418.0	4123231.8	64.2	3.06	3.95
2.85	YES							
L0004077		0	0.13120E-05	608423.0	4123238.7	64.0	3.06	3.95
2.85	YES							
L0004078		0	0.13120E-05	608428.0	4123245.6	63.8	3.06	3.95
2.85	YES							
L0004079		0	0.13120E-05	608433.0	4123252.5	63.7	3.06	3.95
2.85	YES							
L0004080		0	0.13120E-05	608438.0	4123259.3	63.7	3.06	3.95
2.85	YES							
L0004081		0	0.13120E-05	608443.0	4123266.2	63.9	3.06	3.95
2.85	YES							
L0004082		0	0.13120E-05	608448.0	4123273.1	64.0	3.06	3.95
2.85	YES							
L0004083		0	0.13120E-05	608453.0	4123280.0	64.2	3.06	3.95
2.85	YES							
L0004084		0	0.13120E-05	608457.9	4123286.9	64.3	3.06	3.95

2.85 YES  
L0004085 0 0.13120E-05 608462.9 4123293.7 64.4 3.06 3.95

2.85 YES  
L0004086 0 0.13120E-05 608467.9 4123300.6 64.4 3.06 3.95

2.85 YES  
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Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

L0004087 0 0.13120E-05 608472.9 4123307.5 64.4 3.06 3.95

2.85 YES  
L0004088 0 0.13120E-05 608477.9 4123314.4 64.4 3.06 3.95

2.85 YES  
L0004089 0 0.13120E-05 608482.9 4123321.3 64.4 3.06 3.95

2.85 YES  
L0004090 0 0.13120E-05 608487.9 4123328.1 64.4 3.06 3.95

2.85 YES  
L0004091 0 0.13120E-05 608492.9 4123335.0 64.4 3.06 3.95

2.85 YES  
L0004092 0 0.13120E-05 608497.9 4123341.9 64.4 3.06 3.95

2.85 YES  
L0004093 0 0.13120E-05 608502.9 4123348.8 64.3 3.06 3.95

2.85 YES  
L0004094 0 0.13120E-05 608507.9 4123355.6 64.4 3.06 3.95

2.85 YES  
L0004095 0 0.13120E-05 608512.9 4123362.5 64.7 3.06 3.95

2.85 YES  
L0004096 0 0.13120E-05 608513.1 4123369.5 64.8 3.06 3.95

2.85 YES  
L0004097 0 0.13120E-05 608508.4 4123376.6 64.7 3.06 3.95

2.85 YES  
L0004098 0 0.13120E-05 608503.7 4123383.7 64.5 3.06 3.95

2.85 YES  
L0004099 0 0.13120E-05 608499.0 4123390.8 64.5 3.06 3.95

2.85	YES							
L0004100		0	0.13120E-05	608494.3	4123397.8	64.4	3.06	3.95
2.85	YES							
L0004101		0	0.13120E-05	608489.6	4123404.9	64.4	3.06	3.95
2.85	YES							
L0004102		0	0.13120E-05	608484.9	4123412.0	64.3	3.06	3.95
2.85	YES							
L0004103		0	0.13120E-05	608480.2	4123419.1	64.3	3.06	3.95
2.85	YES							
L0004104		0	0.13120E-05	608474.8	4123425.5	64.3	3.06	3.95
2.85	YES							
L0004105		0	0.13120E-05	608468.2	4123430.8	64.4	3.06	3.95
2.85	YES							
L0004106		0	0.13120E-05	608461.5	4123436.1	64.3	3.06	3.95
2.85	YES							
L0004107		0	0.13120E-05	608454.9	4123441.5	64.3	3.06	3.95
2.85	YES							
L0004108		0	0.13120E-05	608448.3	4123446.8	64.3	3.06	3.95
2.85	YES							
L0004109		0	0.13120E-05	608441.6	4123452.1	64.5	3.06	3.95
2.85	YES							
L0004110		0	0.13120E-05	608435.0	4123457.4	64.5	3.06	3.95
2.85	YES							
L0004111		0	0.13120E-05	608428.4	4123462.7	64.4	3.06	3.95
2.85	YES							
L0004112		0	0.13120E-05	608421.8	4123468.1	64.4	3.06	3.95
2.85	YES							
L0004113		0	0.13120E-05	608416.1	4123465.7	64.4	3.06	3.95
2.85	YES							
L0004114		0	0.13120E-05	608411.1	4123458.8	64.2	3.06	3.95
2.85	YES							
L0004115		0	0.13120E-05	608406.1	4123452.0	64.0	3.06	3.95
2.85	YES							
L0004116		0	0.13120E-05	608401.0	4123445.1	63.8	3.06	3.95
2.85	YES							
L0004117		0	0.13120E-05	608396.0	4123438.3	63.9	3.06	3.95
2.85	YES							
L0004118		0	0.13120E-05	608391.0	4123431.4	64.0	3.06	3.95
2.85	YES							
L0004119		0	0.13120E-05	608385.9	4123424.5	64.0	3.06	3.95
2.85	YES							
L0004120		0	0.13120E-05	608380.9	4123417.7	63.9	3.06	3.95
2.85	YES							
L0004121		0	0.13120E-05	608375.9	4123410.8	63.9	3.06	3.95
2.85	YES							
L0004122		0	0.13120E-05	608370.8	4123404.0	64.0	3.06	3.95
2.85	YES							
L0004123		0	0.13120E-05	608365.8	4123397.1	64.0	3.06	3.95
2.85	YES							
L0004124		0	0.13120E-05	608360.8	4123390.3	64.0	3.06	3.95

2.85 YES  
L0004125 0 0.13120E-05 608355.7 4123383.4 63.8 3.06 3.95

2.85 YES  
L0004126 0 0.13120E-05 608350.7 4123376.6 64.0 3.06 3.95

2.85 YES  
▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

L0004127 0 0.13120E-05 608345.7 4123369.7 64.0 3.06 3.95

2.85 YES  
L0004128 0 0.13120E-05 608340.7 4123362.9 64.0 3.06 3.95

2.85 YES  
L0004129 0 0.13120E-05 608335.6 4123356.0 63.9 3.06 3.95

2.85 YES  
L0004130 0 0.13120E-05 608330.6 4123349.2 63.8 3.06 3.95

2.85 YES  
L0004131 0 0.13120E-05 608325.6 4123342.3 64.0 3.06 3.95

2.85 YES  
L0004132 0 0.13120E-05 608320.5 4123335.5 64.0 3.06 3.95

2.85 YES  
L0004133 0 0.13120E-05 608315.5 4123328.6 64.0 3.06 3.95

2.85 YES  
L0004134 0 0.13120E-05 608310.5 4123321.8 63.8 3.06 3.95

2.85 YES  
L0004135 0 0.13120E-05 608311.8 4123315.7 63.8 3.06 3.95

2.85 YES  
L0004136 0 0.13120E-05 608318.3 4123310.2 64.0 3.06 3.95

2.85 YES  
L0004137 0 0.13120E-05 608324.8 4123304.8 64.1 3.06 3.95

2.85 YES  
L0004138 0 0.13120E-05 608329.7 4123299.2 64.2 3.06 3.95

2.85 YES  
L0004139 0 0.13120E-05 608324.5 4123292.4 64.0 3.06 3.95

2.85	YES							
L0004140		0	0.13120E-05	608319.3	4123285.7	63.9	3.06	3.95
2.85	YES							
L0004141		0	0.13120E-05	608314.1	4123279.0	63.8	3.06	3.95
2.85	YES							
L0004142		0	0.13120E-05	608308.9	4123272.3	63.7	3.06	3.95
2.85	YES							
L0004143		0	0.13120E-05	608303.7	4123265.6	63.6	3.06	3.95
2.85	YES							
L0004144		0	0.13120E-05	608298.4	4123258.9	63.6	3.06	3.95
2.85	YES							
L0004145		0	0.13120E-05	608293.2	4123252.1	63.6	3.06	3.95
2.85	YES							
L0004146		0	0.13120E-05	608288.0	4123245.4	63.6	3.06	3.95
2.85	YES							
L0004147		0	0.13120E-05	608282.8	4123238.7	63.6	3.06	3.95
2.85	YES							
L0004148		0	0.13120E-05	608277.6	4123232.0	63.6	3.06	3.95
2.85	YES							
L0004149		0	0.13120E-05	608272.4	4123225.3	63.6	3.06	3.95
2.85	YES							
L0004150		0	0.13120E-05	608267.2	4123218.6	63.6	3.06	3.95
2.85	YES							
L0004151		0	0.13120E-05	608262.0	4123211.9	63.6	3.06	3.95
2.85	YES							
L0004152		0	0.13120E-05	608256.7	4123205.1	63.6	3.06	3.95
2.85	YES							
L0004153		0	0.13120E-05	608251.5	4123198.4	63.6	3.06	3.95
2.85	YES							
L0004154		0	0.13120E-05	608257.1	4123193.7	63.6	3.06	3.95
2.85	YES							
L0004155		0	0.13120E-05	608264.4	4123189.3	63.6	3.06	3.95
2.85	YES							
L0004156		0	0.13120E-05	608271.6	4123184.9	63.6	3.06	3.95
2.85	YES							
L0004157		0	0.13120E-05	608278.9	4123180.5	63.7	3.06	3.95
2.85	YES							
L0004158		0	0.13120E-05	608286.2	4123176.1	63.7	3.06	3.95
2.85	YES							
L0004159		0	0.13120E-05	608293.5	4123171.7	63.7	3.06	3.95
2.85	YES							
L0004160		0	0.13120E-05	608300.7	4123167.3	63.8	3.06	3.95
2.85	YES							
L0004161		0	0.13120E-05	608308.0	4123162.9	63.8	3.06	3.95
2.85	YES							
L0004162		0	0.13120E-05	608315.3	4123158.5	63.9	3.06	3.95
2.85	YES							
L0004163		0	0.13120E-05	608322.5	4123154.1	64.0	3.06	3.95
2.85	YES							
L0004164		0	0.13120E-05	608329.6	4123151.0	64.0	3.06	3.95

2.85 YES  
 L0004165 0 0.13120E-05 608334.6 4123157.8 64.3 3.06 3.95  
 2.85 YES  
 L0004166 0 0.13120E-05 608339.7 4123164.6 64.4 3.06 3.95  
 2.85 YES  
 \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY	X	Y	(METERS)	(METERS)	(METERS)
ID		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)								
L0004167		0	0.13120E-05	608344.8	4123171.4	64.5	3.06	3.95
2.85	YES							
L0004168		0	0.13120E-05	608349.9	4123178.2	64.5	3.06	3.95
2.85	YES							
L0004169		0	0.13120E-05	608355.0	4123185.0	64.5	3.06	3.95
2.85	YES							
L0004170		0	0.13120E-05	608360.1	4123191.8	64.5	3.06	3.95
2.85	YES							
L0004171		0	0.13120E-05	608365.1	4123198.7	64.5	3.06	3.95
2.85	YES							
L0004172		0	0.13120E-05	608370.2	4123205.5	64.5	3.06	3.95
2.85	YES							
L0004173		0	0.13120E-05	608375.3	4123212.3	64.5	3.06	3.95
2.85	YES							
L0004174		0	0.13120E-05	608380.4	4123219.1	64.5	3.06	3.95
2.85	YES							
L0004175		0	0.13120E-05	608385.5	4123225.9	64.5	3.06	3.95
2.85	YES							
L0004176		0	0.13120E-05	608390.5	4123232.7	64.5	3.06	3.95
2.85	YES							
L0004177		0	0.13120E-05	608395.6	4123239.5	64.5	3.06	3.95
2.85	YES							
L0004178		0	0.13120E-05	608400.7	4123246.3	64.5	3.06	3.95
2.85	YES							
L0004179		0	0.13120E-05	608405.8	4123253.2	64.5	3.06	3.95



2.85	YES							
L0004180		0	0.13120E-05	608410.9	4123260.0	64.3	3.06	3.95
2.85	YES							
L0004181		0	0.13120E-05	608416.0	4123266.8	64.2	3.06	3.95
2.85	YES							
L0004182		0	0.13120E-05	608421.0	4123273.6	64.2	3.06	3.95
2.85	YES							
L0004183		0	0.13120E-05	608426.1	4123280.4	64.3	3.06	3.95
2.85	YES							
L0004184		0	0.13120E-05	608431.2	4123287.2	64.4	3.06	3.95
2.85	YES							
L0004185		0	0.13120E-05	608436.3	4123294.0	64.5	3.06	3.95
2.85	YES							
L0004186		0	0.13120E-05	608441.4	4123300.8	64.5	3.06	3.95
2.85	YES							
L0004187		0	0.13120E-05	608446.5	4123307.7	64.5	3.06	3.95
2.85	YES							
L0004188		0	0.13120E-05	608451.5	4123314.5	64.5	3.06	3.95
2.85	YES							
L0004189		0	0.13120E-05	608456.6	4123321.3	64.4	3.06	3.95
2.85	YES							
L0004190		0	0.13120E-05	608461.7	4123328.1	64.4	3.06	3.95
2.85	YES							
L0004191		0	0.13120E-05	608466.8	4123334.9	64.3	3.06	3.95
2.85	YES							
L0004192		0	0.13120E-05	608471.9	4123341.7	64.2	3.06	3.95
2.85	YES							
L0004193		0	0.13120E-05	608477.0	4123348.5	64.1	3.06	3.95
2.85	YES							
L0004194		0	0.13120E-05	608482.0	4123355.4	64.1	3.06	3.95
2.85	YES							
L0004195		0	0.13120E-05	608487.1	4123362.2	64.2	3.06	3.95
2.85	YES							
L0004196		0	0.13120E-05	608492.2	4123369.0	64.3	3.06	3.95
2.85	YES							
L0004197		0	0.13120E-05	608497.3	4123375.8	64.4	3.06	3.95
2.85	YES							
L0004198		0	0.13120E-05	608491.6	4123381.7	64.5	3.06	3.95
2.85	YES							
L0004199		0	0.13120E-05	608485.4	4123387.5	64.5	3.06	3.95
2.85	YES							
L0004200		0	0.13120E-05	608479.2	4123393.4	64.4	3.06	3.95
2.85	YES							
L0004201		0	0.13120E-05	608473.1	4123399.2	64.4	3.06	3.95
2.85	YES							
L0004202		0	0.13120E-05	608466.9	4123405.1	64.4	3.06	3.95
2.85	YES							
L0004203		0	0.13120E-05	608460.7	4123410.9	64.5	3.06	3.95
2.85	YES							
L0004204		0	0.13120E-05	608454.6	4123416.8	64.5	3.06	3.95

2.85 YES  
L0004205 0 0.13120E-05 608448.4 4123422.6 64.5 3.06 3.95

2.85 YES  
L0004206 0 0.13120E-05 608442.2 4123428.5 64.4 3.06 3.95

2.85 YES  
▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:18:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

L0004207 0 0.13120E-05 608436.0 4123434.3 64.4 3.06 3.95

2.85 YES  
L0004208 0 0.13120E-05 608429.9 4123440.2 64.4 3.06 3.95

2.85 YES  
L0004209 0 0.13120E-05 608424.7 4123435.8 64.3 3.06 3.95

2.85 YES  
L0004210 0 0.13120E-05 608419.7 4123428.9 64.2 3.06 3.95

2.85 YES  
L0004211 0 0.13120E-05 608414.7 4123422.0 64.2 3.06 3.95

2.85 YES  
L0004212 0 0.13120E-05 608409.7 4123415.1 64.2 3.06 3.95

2.85 YES  
L0004213 0 0.13120E-05 608404.8 4123408.2 64.2 3.06 3.95

2.85 YES  
L0004214 0 0.13120E-05 608399.8 4123401.3 64.2 3.06 3.95

2.85 YES  
L0004215 0 0.13120E-05 608394.8 4123394.4 64.2 3.06 3.95

2.85 YES  
L0004216 0 0.13120E-05 608389.9 4123387.5 64.3 3.06 3.95

2.85 YES  
L0004217 0 0.13120E-05 608384.9 4123380.6 64.4 3.06 3.95

2.85 YES  
L0004218 0 0.13120E-05 608379.9 4123373.7 64.5 3.06 3.95

2.85 YES  
L0004219 0 0.13120E-05 608374.9 4123366.8 64.4 3.06 3.95

2.85	YES							
L0004220		0	0.13120E-05	608370.0	4123360.0	64.4	3.06	3.95
2.85	YES							
L0004221		0	0.13120E-05	608365.0	4123353.1	64.4	3.06	3.95
2.85	YES							
L0004222		0	0.13120E-05	608360.0	4123346.2	64.4	3.06	3.95
2.85	YES							
L0004223		0	0.13120E-05	608355.1	4123339.3	64.4	3.06	3.95
2.85	YES							
L0004224		0	0.13120E-05	608350.1	4123332.4	64.4	3.06	3.95
2.85	YES							
L0004225		0	0.13120E-05	608345.1	4123325.5	64.4	3.06	3.95
2.85	YES							
L0004226		0	0.13120E-05	608347.7	4123319.8	64.4	3.06	3.95
2.85	YES							
L0004227		0	0.13120E-05	608354.5	4123314.7	64.4	3.06	3.95
2.85	YES							
L0004228		0	0.13120E-05	608361.4	4123309.7	64.5	3.06	3.95
2.85	YES							
L0004229		0	0.13120E-05	608368.2	4123304.6	64.5	3.06	3.95
2.85	YES							
L0004230		0	0.13120E-05	608372.5	4123299.0	64.5	3.06	3.95
2.85	YES							
L0004231		0	0.13120E-05	608368.1	4123291.8	64.5	3.06	3.95
2.85	YES							
L0004232		0	0.13120E-05	608362.5	4123285.4	64.5	3.06	3.95
2.85	YES							
L0004233		0	0.13120E-05	608356.9	4123279.0	64.5	3.06	3.95
2.85	YES							
L0004234		0	0.13120E-05	608351.2	4123272.6	64.3	3.06	3.95
2.85	YES							
L0004235		0	0.13120E-05	608345.6	4123266.2	64.1	3.06	3.95
2.85	YES							
L0004236		0	0.13120E-05	608340.0	4123259.8	63.9	3.06	3.95
2.85	YES							
L0004237		0	0.13120E-05	608334.4	4123253.4	63.8	3.06	3.95
2.85	YES							
L0004238		0	0.13120E-05	608328.8	4123247.1	63.7	3.06	3.95
2.85	YES							
L0004239		0	0.13120E-05	608323.2	4123240.7	63.7	3.06	3.95
2.85	YES							
L0004240		0	0.13120E-05	608317.6	4123234.3	63.7	3.06	3.95
2.85	YES							
L0004241		0	0.13120E-05	608312.0	4123227.9	63.7	3.06	3.95
2.85	YES							
L0004242		0	0.13120E-05	608306.4	4123221.5	63.7	3.06	3.95
2.85	YES							
L0004243		0	0.13120E-05	608300.8	4123215.1	63.7	3.06	3.95
2.85	YES							
L0004244		0	0.13120E-05	608295.2	4123208.7	63.7	3.06	3.95

2.85 YES  
L0004245 0 0.13120E-05 608289.6 4123202.3 63.7 3.06 3.95

2.85 YES  
L0004246 0 0.13120E-05 608288.6 4123196.8 63.7 3.06 3.95

2.85 YES  
▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:18:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

L0004247 0 0.13120E-05 608296.1 4123192.7 63.8 3.06 3.95

2.85 YES  
L0004248 0 0.13120E-05 608303.6 4123188.7 63.8 3.06 3.95

2.85 YES  
L0004249 0 0.13120E-05 608311.0 4123184.6 63.8 3.06 3.95

2.85 YES  
L0004250 0 0.13120E-05 608318.5 4123180.6 64.1 3.06 3.95

2.85 YES  
L0004251 0 0.13120E-05 608323.9 4123186.6 64.2 3.06 3.95

2.85 YES  
L0004252 0 0.13120E-05 608329.2 4123193.2 64.3 3.06 3.95

2.85 YES  
L0004253 0 0.13120E-05 608334.4 4123199.9 64.4 3.06 3.95

2.85 YES  
L0004254 0 0.13120E-05 608339.7 4123206.6 64.3 3.06 3.95

2.85 YES  
L0004255 0 0.13120E-05 608344.9 4123213.3 64.3 3.06 3.95

2.85 YES  
L0004256 0 0.13120E-05 608350.2 4123219.9 64.4 3.06 3.95

2.85 YES  
L0004257 0 0.13120E-05 608355.5 4123226.6 64.5 3.06 3.95

2.85 YES  
L0004258 0 0.13120E-05 608360.7 4123233.3 64.5 3.06 3.95

2.85 YES  
L0004259 0 0.13120E-05 608366.0 4123240.0 64.5 3.06 3.95

2.85	YES							
L0004260		0	0.13120E-05	608371.3	4123246.6	64.5	3.06	3.95
2.85	YES							
L0004261		0	0.13120E-05	608376.5	4123253.3	64.5	3.06	3.95
2.85	YES							
L0004262		0	0.13120E-05	608381.8	4123260.0	64.5	3.06	3.95
2.85	YES							
L0004263		0	0.13120E-05	608387.1	4123266.7	64.5	3.06	3.95
2.85	YES							
L0004264		0	0.13120E-05	608392.3	4123273.3	64.5	3.06	3.95
2.85	YES							
L0004265		0	0.13120E-05	608397.6	4123280.0	64.5	3.06	3.95
2.85	YES							
L0004266		0	0.13120E-05	608402.9	4123286.7	64.5	3.06	3.95
2.85	YES							
L0004267		0	0.13120E-05	608408.1	4123293.3	64.6	3.06	3.95
2.85	YES							
L0004268		0	0.13120E-05	608413.4	4123300.0	64.5	3.06	3.95
2.85	YES							
L0004269		0	0.13120E-05	608418.6	4123306.7	64.5	3.06	3.95
2.85	YES							
L0004270		0	0.13120E-05	608423.9	4123313.4	64.5	3.06	3.95
2.85	YES							
L0004271		0	0.13120E-05	608429.2	4123320.0	64.6	3.06	3.95
2.85	YES							
L0004272		0	0.13120E-05	608434.4	4123326.7	64.5	3.06	3.95
2.85	YES							
L0004273		0	0.13120E-05	608439.7	4123333.4	64.5	3.06	3.95
2.85	YES							
L0004274		0	0.13120E-05	608445.0	4123340.1	64.5	3.06	3.95
2.85	YES							
L0004275		0	0.13120E-05	608450.2	4123346.7	64.4	3.06	3.95
2.85	YES							
L0004276		0	0.13120E-05	608455.5	4123353.4	64.3	3.06	3.95
2.85	YES							
L0004277		0	0.13120E-05	608460.8	4123360.1	64.3	3.06	3.95
2.85	YES							
L0004278		0	0.13120E-05	608466.0	4123366.8	64.3	3.06	3.95
2.85	YES							
L0004279		0	0.13120E-05	608471.3	4123373.4	64.4	3.06	3.95
2.85	YES							
L0004280		0	0.13120E-05	608465.2	4123378.5	64.4	3.06	3.95
2.85	YES							
L0004281		0	0.13120E-05	608458.3	4123383.4	64.5	3.06	3.95
2.85	YES							
L0004282		0	0.13120E-05	608451.3	4123388.3	64.5	3.06	3.95
2.85	YES							
L0004283		0	0.13120E-05	608444.4	4123393.1	64.5	3.06	3.95
2.85	YES							
L0004284		0	0.13120E-05	608437.4	4123398.0	64.4	3.06	3.95

2.85 YES  
L0004285 0 0.13120E-05 608430.5 4123402.9 64.4 3.06 3.95

2.85 YES  
L0004286 0 0.13120E-05 608424.9 4123400.3 64.4 3.06 3.95

2.85 YES  
▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

L0004287 0 0.13120E-05 608420.0 4123393.4 64.3 3.06 3.95

2.85 YES  
L0004288 0 0.13120E-05 608415.2 4123386.4 64.3 3.06 3.95

2.85 YES  
L0004289 0 0.13120E-05 608410.3 4123379.4 64.4 3.06 3.95

2.85 YES  
L0004290 0 0.13120E-05 608405.4 4123372.4 64.4 3.06 3.95

2.85 YES  
L0004291 0 0.13120E-05 608400.6 4123365.5 64.4 3.06 3.95

2.85 YES  
L0004292 0 0.13120E-05 608395.7 4123358.5 64.5 3.06 3.95

2.85 YES  
L0004293 0 0.13120E-05 608390.9 4123351.5 64.5 3.06 3.95

2.85 YES  
L0004294 0 0.13120E-05 608386.0 4123344.5 64.5 3.06 3.95

2.85 YES  
L0004295 0 0.13120E-05 608381.2 4123337.5 64.5 3.06 3.95

2.85 YES  
L0004296 0 0.13120E-05 608378.0 4123330.9 64.5 3.06 3.95

2.85 YES  
L0004297 0 0.13120E-05 608384.9 4123325.8 64.5 3.06 3.95

2.85 YES  
L0004298 0 0.13120E-05 608391.7 4123320.7 64.5 3.06 3.95

2.85 YES  
L0004299 0 0.13120E-05 608398.5 4123315.7 64.5 3.06 3.95

2.85	YES							
L0004300		0	0.13120E-05	608403.2	4123321.6	64.5	3.06	3.95
2.85	YES							
L0004301		0	0.13120E-05	608407.6	4123328.9	64.5	3.06	3.95
2.85	YES							
L0004302		0	0.13120E-05	608412.0	4123336.1	64.5	3.06	3.95
2.85	YES							
L0004303		0	0.13120E-05	608416.4	4123343.4	64.5	3.06	3.95
2.85	YES							
L0004304		0	0.13120E-05	608420.8	4123350.7	64.5	3.06	3.95
2.85	YES							
L0004305		0	0.13120E-05	608425.2	4123357.9	64.5	3.06	3.95
2.85	YES							
L0004306		0	0.13120E-05	608429.6	4123365.2	64.5	3.06	3.95
2.85	YES							
L0004307		0	0.15610E-06	608254.4	4123147.2	63.5	3.06	3.95
2.85	YES							
L0004308		0	0.15610E-06	608249.2	4123140.5	63.6	3.06	3.95
2.85	YES							
L0004309		0	0.15610E-06	608248.2	4123134.8	63.6	3.06	3.95
2.85	YES							
L0004310		0	0.15610E-06	608255.7	4123130.9	63.5	3.06	3.95
2.85	YES							
L0004311		0	0.15610E-06	608263.3	4123126.9	63.4	3.06	3.95
2.85	YES							
L0004312		0	0.15610E-06	608270.8	4123123.0	63.4	3.06	3.95
2.85	YES							
L0004313		0	0.15610E-06	608278.4	4123119.1	63.5	3.06	3.95
2.85	YES							
L0004314		0	0.15610E-06	608285.9	4123115.2	63.7	3.06	3.95
2.85	YES							
L0004315		0	0.15610E-06	608293.5	4123111.3	63.7	3.06	3.95
2.85	YES							
L0004316		0	0.15610E-06	608301.0	4123107.4	63.6	3.06	3.95
2.85	YES							
L0004317		0	0.15610E-06	608308.6	4123103.5	63.5	3.06	3.95
2.85	YES							
L0004318		0	0.15610E-06	608316.1	4123099.6	63.5	3.06	3.95
2.85	YES							
L0004319		0	0.15610E-06	608323.7	4123095.7	63.6	3.06	3.95
2.85	YES							
L0004320		0	0.15610E-06	608331.2	4123091.8	63.6	3.06	3.95
2.85	YES							
L0004321		0	0.15610E-06	608338.9	4123088.1	63.6	3.06	3.95
2.85	YES							
L0004322		0	0.15610E-06	608346.8	4123085.1	63.7	3.06	3.95
2.85	YES							
L0004323		0	0.15610E-06	608354.8	4123082.0	63.8	3.06	3.95
2.85	YES							
L0004324		0	0.15610E-06	608362.7	4123079.0	63.9	3.06	3.95

2.85 YES  
L0004325 0 0.15610E-06 608370.6 4123075.9 63.9 3.06 3.95

2.85 YES  
L0004326 0 0.15610E-06 608378.6 4123072.9 64.0 3.06 3.95

2.85 YES  
▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

L0004327 0 0.15610E-06 608386.5 4123069.8 63.9 3.06 3.95

2.85 YES  
L0004328 0 0.15610E-06 608394.4 4123066.8 63.8 3.06 3.95

2.85 YES  
L0004329 0 0.15610E-06 608402.4 4123063.7 63.7 3.06 3.95

2.85 YES  
L0004330 0 0.15610E-06 608410.3 4123060.7 63.6 3.06 3.95

2.85 YES  
L0004331 0 0.15610E-06 608418.2 4123057.6 63.7 3.06 3.95

2.85 YES  
L0004332 0 0.15610E-06 608426.2 4123054.6 63.8 3.06 3.95

2.85 YES  
L0004333 0 0.15610E-06 608434.1 4123051.5 63.9 3.06 3.95

2.85 YES  
L0004334 0 0.15610E-06 608442.0 4123048.5 63.9 3.06 3.95

2.85 YES  
L0004335 0 0.15610E-06 608450.0 4123045.4 63.8 3.06 3.95

2.85 YES  
L0004336 0 0.15610E-06 608457.9 4123042.4 63.7 3.06 3.95

2.85 YES  
L0004337 0 0.15610E-06 608465.8 4123039.3 63.8 3.06 3.95

2.85 YES  
L0004338 0 0.15610E-06 608473.8 4123036.3 63.9 3.06 3.95

2.85 YES  
L0004339 0 0.15610E-06 608481.7 4123033.2 63.9 3.06 3.95



2.85	YES							
L0004340		0	0.15610E-06	608489.6	4123030.2	63.8	3.06	3.95
2.85	YES							
L0004341		0	0.15610E-06	608497.6	4123027.1	63.8	3.06	3.95
2.85	YES							
L0004342		0	0.15610E-06	608505.5	4123024.1	63.9	3.06	3.95
2.85	YES							
L0004343		0	0.15610E-06	608513.4	4123021.0	63.9	3.06	3.95
2.85	YES							
L0004344		0	0.15610E-06	608521.4	4123018.0	63.9	3.06	3.95
2.85	YES							
L0004345		0	0.15610E-06	608529.3	4123014.9	63.8	3.06	3.95
2.85	YES							
L0004346		0	0.15610E-06	608537.2	4123011.9	63.7	3.06	3.95
2.85	YES							
L0004347		0	0.15610E-06	608545.2	4123008.8	63.6	3.06	3.95
2.85	YES							
L0004348		0	0.15610E-06	608553.1	4123005.8	63.6	3.06	3.95
2.85	YES							
L0004349		0	0.15610E-06	608561.0	4123002.7	63.5	3.06	3.95
2.85	YES							
L0004350		0	0.15610E-06	608569.0	4122999.7	63.6	3.06	3.95
2.85	YES							
L0004351		0	0.15610E-06	608576.9	4122996.6	63.6	3.06	3.95
2.85	YES							
L0004352		0	0.15610E-06	608584.8	4122993.6	63.7	3.06	3.95
2.85	YES							
L0004353		0	0.15610E-06	608592.9	4122990.8	63.7	3.06	3.95
2.85	YES							
L0004354		0	0.15610E-06	608600.9	4122988.2	63.8	3.06	3.95
2.85	YES							
L0004355		0	0.15610E-06	608609.0	4122985.6	63.8	3.06	3.95
2.85	YES							
L0004356		0	0.15610E-06	608617.1	4122983.0	63.7	3.06	3.95
2.85	YES							
L0004357		0	0.15610E-06	608625.2	4122980.4	63.6	3.06	3.95
2.85	YES							
L0004358		0	0.15610E-06	608633.3	4122977.8	63.6	3.06	3.95
2.85	YES							
L0004359		0	0.15610E-06	608641.4	4122975.2	63.6	3.06	3.95
2.85	YES							
L0004360		0	0.15610E-06	608649.5	4122972.7	63.6	3.06	3.95
2.85	YES							
L0004361		0	0.15610E-06	608657.6	4122970.1	63.6	3.06	3.95
2.85	YES							
L0004362		0	0.15610E-06	608665.7	4122967.5	63.7	3.06	3.95
2.85	YES							
L0004363		0	0.15610E-06	608673.8	4122964.9	63.8	3.06	3.95
2.85	YES							
L0004364		0	0.15610E-06	608681.9	4122962.3	63.8	3.06	3.95

2.85 YES  
 L0004365 0 0.15610E-06 608690.0 4122959.7 63.9 3.06 3.95  
 2.85 YES  
 L0004366 0 0.15610E-06 608698.1 4122957.1 63.9 3.06 3.95  
 2.85 YES  
 \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY	X	Y	(METERS)	(METERS)	(METERS)
ID		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)								
L0004367		0	0.15610E-06	608706.3	4122955.1	63.8	3.06	3.95
2.85	YES							
L0004368		0	0.15610E-06	608714.8	4122955.4	63.9	3.06	3.95
2.85	YES							
L0004369		0	0.15610E-06	608723.3	4122955.7	63.9	3.06	3.95
2.85	YES							
L0004370		0	0.15610E-06	608731.8	4122956.0	64.0	3.06	3.95
2.85	YES							
L0004371		0	0.15610E-06	608740.3	4122956.3	64.4	3.06	3.95
2.85	YES							
L0004372		0	0.15610E-06	608748.8	4122956.7	64.8	3.06	3.95
2.85	YES							
L0004373		0	0.15610E-06	608757.2	4122957.0	65.1	3.06	3.95
2.85	YES							
L0004374		0	0.15610E-06	608765.7	4122957.3	65.4	3.06	3.95
2.85	YES							
L0004375		0	0.15610E-06	608774.2	4122957.6	65.8	3.06	3.95
2.85	YES							
L0004376		0	0.15610E-06	608782.7	4122957.9	66.1	3.06	3.95
2.85	YES							
L0004377		0	0.15610E-06	608791.2	4122958.2	66.3	3.06	3.95
2.85	YES							
L0004378		0	0.15610E-06	608799.7	4122958.5	66.6	3.06	3.95
2.85	YES							
L0004379		0	0.15610E-06	608808.2	4122958.8	66.9	3.06	3.95

2.85	YES							
L0004380		0	0.15610E-06	608816.7	4122959.1	67.0	3.06	3.95
2.85	YES							
L0004381		0	0.15610E-06	608825.2	4122959.5	67.1	3.06	3.95
2.85	YES							
L0004382		0	0.15610E-06	608833.7	4122959.8	67.2	3.06	3.95
2.85	YES							
L0004383		0	0.15610E-06	608837.3	4122954.9	67.2	3.06	3.95
2.85	YES							
L0004384		0	0.15610E-06	608837.4	4122946.4	67.1	3.06	3.95
2.85	YES							
L0004385		0	0.15610E-06	608837.6	4122937.9	67.0	3.06	3.95
2.85	YES							
L0004386		0	0.15610E-06	608837.7	4122929.4	67.0	3.06	3.95
2.85	YES							
L0004387		0	0.15610E-06	608837.8	4122920.9	66.9	3.06	3.95
2.85	YES							
L0004388		0	0.15610E-06	608838.0	4122912.4	66.8	3.06	3.95
2.85	YES							
L0004389		0	0.15610E-06	608838.1	4122903.9	66.7	3.06	3.95
2.85	YES							
L0004390		0	0.15610E-06	608838.3	4122895.4	66.6	3.06	3.95
2.85	YES							
L0004391		0	0.15610E-06	608838.4	4122886.9	66.6	3.06	3.95
2.85	YES							
L0004392		0	0.15610E-06	608838.6	4122878.4	66.5	3.06	3.95
2.85	YES							
L0004393		0	0.15610E-06	608838.7	4122869.9	66.5	3.06	3.95
2.85	YES							
L0004394		0	0.15610E-06	608837.8	4122861.8	66.4	3.06	3.95
2.85	YES							
L0004395		0	0.15610E-06	608832.0	4122855.5	66.4	3.06	3.95
2.85	YES							
L0004396		0	0.15610E-06	608826.3	4122849.3	66.0	3.06	3.95
2.85	YES							
L0004397		0	0.15610E-06	608820.6	4122843.0	65.5	3.06	3.95
2.85	YES							
L0004398		0	0.15610E-06	608814.8	4122836.7	65.0	3.06	3.95
2.85	YES							
L0004399		0	0.15610E-06	608809.1	4122830.5	64.6	3.06	3.95
2.85	YES							
L0004400		0	0.15610E-06	608803.3	4122824.2	64.5	3.06	3.95
2.85	YES							
L0004401		0	0.15610E-06	608797.6	4122817.9	64.7	3.06	3.95
2.85	YES							
L0004402		0	0.15610E-06	608791.8	4122811.7	65.2	3.06	3.95
2.85	YES							
L0004403		0	0.15610E-06	608786.1	4122805.4	65.8	3.06	3.95
2.85	YES							
L0004404		0	0.15610E-06	608778.2	4122802.5	66.0	3.06	3.95

2.85 YES  
 L0004405 0 0.15610E-06 608770.1 4122800.1 65.6 3.06 3.95  
 2.85 YES  
 L0004406 0 0.15610E-06 608762.0 4122797.6 65.3 3.06 3.95  
 2.85 YES  
 \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY	X	Y	(METERS)	(METERS)	(METERS)
ID		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)								
L0004407		0	0.15610E-06	608753.8	4122795.1	65.6	3.06	3.95
2.85	YES							
L0004408		0	0.15610E-06	608745.8	4122794.4	66.5	3.06	3.95
2.85	YES							
L0004409		0	0.15610E-06	608737.9	4122797.6	67.2	3.06	3.95
2.85	YES							
L0004410		0	0.15610E-06	608730.0	4122800.7	67.6	3.06	3.95
2.85	YES							
L0004411		0	0.15610E-06	608722.0	4122803.8	67.7	3.06	3.95
2.85	YES							
L0004412		0	0.15610E-06	608714.1	4122806.9	67.5	3.06	3.95
2.85	YES							
L0004413		0	0.15610E-06	608706.2	4122810.1	67.4	3.06	3.95
2.85	YES							
L0004414		0	0.15610E-06	608698.3	4122813.2	67.7	3.06	3.95
2.85	YES							
L0004415		0	0.15610E-06	608690.4	4122816.3	68.0	3.06	3.95
2.85	YES							
L0004416		0	0.15610E-06	608682.5	4122819.4	68.5	3.06	3.95
2.85	YES							
L0004417		0	0.15610E-06	608674.8	4122823.0	68.6	3.06	3.95
2.85	YES							
L0004418		0	0.15610E-06	608667.3	4122827.0	68.9	3.06	3.95
2.85	YES							
L0004419		0	0.15610E-06	608659.8	4122831.0	69.3	3.06	3.95

2.85	YES							
L0004420		0	0.15610E-06	608652.3	4122835.0	68.9	3.06	3.95
2.85	YES							
L0004421		0	0.15610E-06	608644.8	4122839.1	68.5	3.06	3.95
2.85	YES							
L0004422		0	0.15610E-06	608637.3	4122843.1	68.4	3.06	3.95
2.85	YES							
L0004423		0	0.15610E-06	608629.9	4122847.1	68.3	3.06	3.95
2.85	YES							
L0004424		0	0.15610E-06	608622.4	4122851.1	68.4	3.06	3.95
2.85	YES							
L0004425		0	0.15610E-06	608614.9	4122855.1	68.7	3.06	3.95
2.85	YES							
L0004426		0	0.15610E-06	608607.4	4122859.1	69.1	3.06	3.95
2.85	YES							
L0004427		0	0.15610E-06	608599.9	4122863.1	68.8	3.06	3.95
2.85	YES							
L0004428		0	0.15610E-06	608592.4	4122867.1	68.1	3.06	3.95
2.85	YES							
L0004429		0	0.15610E-06	608584.9	4122871.1	67.6	3.06	3.95
2.85	YES							
L0004430		0	0.15610E-06	608577.4	4122875.1	67.5	3.06	3.95
2.85	YES							
L0004431		0	0.15610E-06	608569.9	4122879.1	67.6	3.06	3.95
2.85	YES							
L0004432		0	0.15610E-06	608562.4	4122883.1	68.0	3.06	3.95
2.85	YES							
L0004433		0	0.15610E-06	608554.9	4122887.1	68.1	3.06	3.95
2.85	YES							
L0004434		0	0.15610E-06	608547.4	4122891.1	68.0	3.06	3.95
2.85	YES							
L0004435		0	0.15610E-06	608539.9	4122895.1	67.5	3.06	3.95
2.85	YES							
L0004436		0	0.15610E-06	608532.4	4122899.1	67.0	3.06	3.95
2.85	YES							
L0004437		0	0.15610E-06	608524.9	4122903.1	66.8	3.06	3.95
2.85	YES							
L0004438		0	0.15610E-06	608517.4	4122907.1	66.9	3.06	3.95
2.85	YES							
L0004439		0	0.15610E-06	608509.9	4122911.1	67.4	3.06	3.95
2.85	YES							
L0004440		0	0.15610E-06	608502.4	4122915.2	67.2	3.06	3.95
2.85	YES							
L0004441		0	0.15610E-06	608494.9	4122919.2	67.1	3.06	3.95
2.85	YES							
L0004442		0	0.15610E-06	608487.4	4122923.2	66.9	3.06	3.95
2.85	YES							
L0004443		0	0.15610E-06	608479.9	4122927.2	66.5	3.06	3.95
2.85	YES							
L0004444		0	0.15610E-06	608472.4	4122931.2	66.3	3.06	3.95

2.85 YES  
 L0004445 0 0.15610E-06 608464.9 4122935.2 66.3 3.06 3.95  
 2.85 YES  
 L0004446 0 0.15610E-06 608457.4 4122939.2 66.4 3.06 3.95  
 2.85 YES  
 \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY	X	Y	(METERS)	(METERS)	(METERS)
ID		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)								
L0004447		0	0.15610E-06	608449.9	4122943.2	66.3	3.06	3.95
2.85	YES							
L0004448		0	0.15610E-06	608442.4	4122947.2	66.2	3.06	3.95
2.85	YES							
L0004449		0	0.15610E-06	608435.3	4122951.8	66.1	3.06	3.95
2.85	YES							
L0004450		0	0.15610E-06	608428.1	4122956.4	65.7	3.06	3.95
2.85	YES							
L0004451		0	0.15610E-06	608421.0	4122961.0	65.5	3.06	3.95
2.85	YES							
L0004452		0	0.15610E-06	608413.8	4122965.6	65.4	3.06	3.95
2.85	YES							
L0004453		0	0.15610E-06	608406.7	4122970.2	65.4	3.06	3.95
2.85	YES							
L0004454		0	0.15610E-06	608399.5	4122974.8	65.3	3.06	3.95
2.85	YES							
L0004455		0	0.15610E-06	608392.4	4122979.4	65.2	3.06	3.95
2.85	YES							
L0004456		0	0.15610E-06	608385.2	4122984.0	65.1	3.06	3.95
2.85	YES							
L0004457		0	0.15610E-06	608378.1	4122988.6	64.8	3.06	3.95
2.85	YES							
L0004458		0	0.15610E-06	608370.9	4122993.2	64.7	3.06	3.95
2.85	YES							
L0004459		0	0.15610E-06	608363.8	4122997.8	64.7	3.06	3.95

2.85	YES							
L0004460		0	0.15610E-06	608356.6	4123002.4	64.7	3.06	3.95
2.85	YES							
L0004461		0	0.15610E-06	608349.5	4123007.0	64.6	3.06	3.95
2.85	YES							
L0004462		0	0.15610E-06	608342.3	4123011.6	64.6	3.06	3.95
2.85	YES							
L0004463		0	0.15610E-06	608335.2	4123016.2	64.5	3.06	3.95
2.85	YES							
L0004464		0	0.15610E-06	608328.0	4123020.8	64.4	3.06	3.95
2.85	YES							
L0004465		0	0.15610E-06	608320.9	4123025.4	64.3	3.06	3.95
2.85	YES							
L0004466		0	0.15610E-06	608313.7	4123029.9	64.3	3.06	3.95
2.85	YES							
L0004467		0	0.15610E-06	608306.6	4123034.5	64.3	3.06	3.95
2.85	YES							
L0004468		0	0.15610E-06	608299.4	4123039.1	64.3	3.06	3.95
2.85	YES							
L0004469		0	0.15610E-06	608292.3	4123043.7	64.4	3.06	3.95
2.85	YES							
L0004470		0	0.15610E-06	608285.1	4123048.3	64.4	3.06	3.95
2.85	YES							
L0004471		0	0.15610E-06	608278.0	4123052.9	64.3	3.06	3.95
2.85	YES							
L0004472		0	0.15610E-06	608270.8	4123057.5	64.2	3.06	3.95
2.85	YES							
L0004473		0	0.15610E-06	608263.7	4123062.1	64.2	3.06	3.95
2.85	YES							
L0004474		0	0.15610E-06	608256.5	4123066.7	64.3	3.06	3.95
2.85	YES							
L0004475		0	0.15610E-06	608249.4	4123071.3	64.3	3.06	3.95
2.85	YES							
L0004476		0	0.15610E-06	608242.2	4123075.9	64.3	3.06	3.95
2.85	YES							
L0004477		0	0.15610E-06	608235.1	4123080.5	64.3	3.06	3.95
2.85	YES							
L0004478		0	0.15610E-06	608227.9	4123085.1	64.3	3.06	3.95
2.85	YES							
L0004479		0	0.15610E-06	608220.8	4123089.7	64.3	3.06	3.95
2.85	YES							
L0004480		0	0.15610E-06	608213.6	4123094.3	64.3	3.06	3.95
2.85	YES							
L0004481		0	0.15610E-06	608206.5	4123098.9	64.3	3.06	3.95
2.85	YES							
L0004482		0	0.15610E-06	608199.3	4123103.5	64.4	3.06	3.95
2.85	YES							
L0004483		0	0.15610E-06	608192.2	4123108.1	64.3	3.06	3.95
2.85	YES							
L0004484		0	0.15610E-06	608185.0	4123112.7	64.3	3.06	3.95

2.85 YES  
 L0004485 0 0.15610E-06 608177.9 4123117.3 64.3 3.06 3.95  
 2.85 YES  
 L0004486 0 0.15610E-06 608170.7 4123121.9 64.4 3.06 3.95  
 2.85 YES  
 \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE	BASE	RELEASE	INIT.
SOURCE	SOURCE	EMISSION	RATE		ELEV.	HEIGHT	SY
SZ	SCALAR	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)
ID	CATS.	BY		(METERS)	(METERS)	(METERS)	(METERS)
(METERS)							
L0004487	0	0.15610E-06	608163.6	4123126.4	64.5	3.06	3.95
2.85 YES							
L0004488	0	0.15610E-06	608156.4	4123131.0	64.5	3.06	3.95
2.85 YES							
L0004489	0	0.15610E-06	608149.3	4123135.6	64.4	3.06	3.95
2.85 YES							
L0004490	0	0.15610E-06	608142.1	4123140.2	64.3	3.06	3.95
2.85 YES							
L0004491	0	0.15610E-06	608135.0	4123144.8	64.3	3.06	3.95
2.85 YES							
L0004492	0	0.15610E-06	608127.8	4123149.4	64.4	3.06	3.95
2.85 YES							
L0004493	0	0.15610E-06	608120.7	4123154.0	64.4	3.06	3.95
2.85 YES							
L0004494	0	0.15610E-06	608113.5	4123158.6	64.5	3.06	3.95
2.85 YES							
L0004495	0	0.15610E-06	608106.4	4123163.2	64.5	3.06	3.95
2.85 YES							
L0004496	0	0.15610E-06	608099.2	4123167.8	64.4	3.06	3.95
2.85 YES							
L0004497	0	0.15610E-06	608092.1	4123172.4	64.4	3.06	3.95
2.85 YES							
L0004498	0	0.15610E-06	608084.9	4123177.0	64.4	3.06	3.95
2.85 YES							
L0004499	0	0.15610E-06	608077.8	4123181.6	64.4	3.06	3.95



2.85	YES							
L0004500		0	0.15610E-06	608070.6	4123186.2	64.4	3.06	3.95
2.85	YES							
L0004501		0	0.15610E-06	608063.5	4123190.8	64.5	3.06	3.95
2.85	YES							
L0004502		0	0.15610E-06	608056.3	4123195.4	64.4	3.06	3.95
2.85	YES							
L0004503		0	0.15610E-06	608049.2	4123200.0	64.4	3.06	3.95
2.85	YES							
L0004504		0	0.15610E-06	608042.0	4123204.6	64.4	3.06	3.95
2.85	YES							
L0004505		0	0.15610E-06	608034.9	4123209.2	64.4	3.06	3.95
2.85	YES							
L0004506		0	0.15610E-06	608027.7	4123213.8	64.3	3.06	3.95
2.85	YES							
L0004507		0	0.15610E-06	608020.6	4123218.4	64.3	3.06	3.95
2.85	YES							
L0004508		0	0.15610E-06	608013.4	4123223.0	64.4	3.06	3.95
2.85	YES							
L0004509		0	0.15610E-06	608006.3	4123227.5	64.3	3.06	3.95
2.85	YES							
L0004510		0	0.15610E-06	607999.1	4123232.1	64.3	3.06	3.95
2.85	YES							
L0004511		0	0.15610E-06	607992.0	4123236.7	64.3	3.06	3.95
2.85	YES							
L0004512		0	0.15610E-06	607984.8	4123241.3	64.2	3.06	3.95
2.85	YES							
L0004513		0	0.15610E-06	607977.7	4123245.9	64.2	3.06	3.95
2.85	YES							
L0004514		0	0.15610E-06	607970.5	4123250.5	64.2	3.06	3.95
2.85	YES							
L0004515		0	0.15610E-06	607963.3	4123255.1	64.3	3.06	3.95
2.85	YES							
L0004516		0	0.15610E-06	607956.2	4123259.7	64.2	3.06	3.95
2.85	YES							
L0004517		0	0.15610E-06	607949.0	4123264.3	64.2	3.06	3.95
2.85	YES							
L0004518		0	0.15610E-06	607941.9	4123268.9	64.2	3.06	3.95
2.85	YES							
L0004519		0	0.15610E-06	607934.7	4123273.5	64.2	3.06	3.95
2.85	YES							
L0004520		0	0.15610E-06	607927.6	4123278.1	64.2	3.06	3.95
2.85	YES							
L0004521		0	0.15610E-06	607920.4	4123282.7	64.2	3.06	3.95
2.85	YES							
L0004522		0	0.15610E-06	607913.3	4123287.3	64.2	3.06	3.95
2.85	YES							
L0004523		0	0.15610E-06	607906.1	4123291.9	64.1	3.06	3.95
2.85	YES							
L0004524		0	0.15610E-06	607899.0	4123296.5	64.1	3.06	3.95

2.85 YES  
L0004525 0 0.15610E-06 607891.8 4123301.1 64.1 3.06 3.95

2.85 YES  
L0004526 0 0.15610E-06 607884.7 4123305.7 64.1 3.06 3.95

2.85 YES  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

L0004527 0 0.15610E-06 607877.5 4123310.3 64.1 3.06 3.95

2.85 YES  
L0004528 0 0.15610E-06 607870.4 4123314.9 64.2 3.06 3.95

2.85 YES  
L0004529 0 0.15610E-06 607863.2 4123319.5 64.1 3.06 3.95

2.85 YES  
\*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS

\*\*\*

SRCGROUP ID  
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SOURCE IDs  
-----

ALL L0004047 , L0004048 , L0004049 , L0004050 , L0004051 ,  
L0004052 , L0004053 , L0004054 ,

L0004060	L0004055 , L0004061	, L0004056 , L0004062	, L0004057 ,	, L0004058	, L0004059	,
L0004068	L0004063 , L0004069	, L0004064 , L0004070	, L0004065 ,	, L0004066	, L0004067	,
L0004076	L0004071 , L0004077	, L0004072 , L0004078	, L0004073 ,	, L0004074	, L0004075	,
L0004084	L0004079 , L0004085	, L0004080 , L0004086	, L0004081 ,	, L0004082	, L0004083	,
L0004092	L0004087 , L0004093	, L0004088 , L0004094	, L0004089 ,	, L0004090	, L0004091	,
L0004100	L0004095 , L0004101	, L0004096 , L0004102	, L0004097 ,	, L0004098	, L0004099	,
L0004108	L0004103 , L0004109	, L0004104 , L0004110	, L0004105 ,	, L0004106	, L0004107	,
L0004116	L0004111 , L0004117	, L0004112 , L0004118	, L0004113 ,	, L0004114	, L0004115	,
L0004124	L0004119 , L0004125	, L0004120 , L0004126	, L0004121 ,	, L0004122	, L0004123	,
L0004132	L0004127 , L0004133	, L0004128 , L0004134	, L0004129 ,	, L0004130	, L0004131	,
L0004140	L0004135 , L0004141	, L0004136 , L0004142	, L0004137 ,	, L0004138	, L0004139	,
L0004148	L0004143 , L0004149	, L0004144 , L0004150	, L0004145 ,	, L0004146	, L0004147	,
L0004156	L0004151 , L0004157	, L0004152 , L0004158	, L0004153 ,	, L0004154	, L0004155	,
L0004164	L0004159 , L0004165	, L0004160 , L0004166	, L0004161 ,	, L0004162	, L0004163	,
L0004172	L0004167 , L0004173	, L0004168 , L0004174	, L0004169 ,	, L0004170	, L0004171	,
L0004180	L0004175 , L0004181	, L0004176 , L0004182	, L0004177 ,	, L0004178	, L0004179	,
L0004188	L0004183 , L0004189	, L0004184 , L0004190	, L0004185 ,	, L0004186	, L0004187	,

L0004191 , L0004192 , L0004193 , L0004194 , L0004195 ,  
L0004196 , L0004197 , L0004198 ,

L0004199 , L0004200 , L0004201 , L0004202 , L0004203 ,  
L0004204 , L0004205 , L0004206 ,

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS

\*\*\*

SRCGROUP ID	SOURCE IDs
-----	-----
L0004212	L0004207 , L0004208 , L0004209 , L0004210 , L0004211 , L0004212 , L0004213 , L0004214 ,
L0004220	L0004215 , L0004216 , L0004217 , L0004218 , L0004219 , L0004220 , L0004221 , L0004222 ,
L0004228	L0004223 , L0004224 , L0004225 , L0004226 , L0004227 , L0004228 , L0004229 , L0004230 ,
L0004236	L0004231 , L0004232 , L0004233 , L0004234 , L0004235 , L0004236 , L0004237 , L0004238 ,
L0004244	L0004239 , L0004240 , L0004241 , L0004242 , L0004243 , L0004244 , L0004245 , L0004246 ,
L0004252	L0004247 , L0004248 , L0004249 , L0004250 , L0004251 , L0004252 , L0004253 , L0004254 ,
L0004260	L0004255 , L0004256 , L0004257 , L0004258 , L0004259 , L0004260 , L0004261 , L0004262 ,
L0004268	L0004263 , L0004264 , L0004265 , L0004266 , L0004267 , L0004268 , L0004269 , L0004270 ,
L0004276	L0004271 , L0004272 , L0004273 , L0004274 , L0004275 , L0004276 , L0004277 , L0004278 ,
	L0004279 , L0004280 , L0004281 , L0004282 , L0004283 ,

L0004284 , L0004285 , L0004286 ,  
 L0004292 , L0004293 , L0004294 ,  
 L0004300 , L0004301 , L0004302 ,  
 L0004308 , L0004309 , L0004310 ,  
 L0004316 , L0004317 , L0004318 ,  
 L0004324 , L0004325 , L0004326 ,  
 L0004332 , L0004333 , L0004334 ,  
 L0004340 , L0004341 , L0004342 ,  
 L0004348 , L0004349 , L0004350 ,  
 L0004356 , L0004357 , L0004358 ,  
 L0004364 , L0004365 , L0004366 ,

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS

\*\*\*

SRCGROUP ID  
 -----

SOURCE IDs  
 -----

L0004372 , L0004373 , L0004374 ,  
 L0004367 , L0004368 , L0004369 , L0004370 , L0004371 ,

L0004380 L0004375 , L0004376 , L0004377 , L0004378 , L0004379 ,  
, L0004381 , L0004382 , ,

L0004388 L0004383 , L0004384 , L0004385 , L0004386 , L0004387 ,  
, L0004389 , L0004390 , ,

L0004396 L0004391 , L0004392 , L0004393 , L0004394 , L0004395 ,  
, L0004397 , L0004398 , ,

L0004404 L0004399 , L0004400 , L0004401 , L0004402 , L0004403 ,  
, L0004405 , L0004406 , ,

L0004412 L0004407 , L0004408 , L0004409 , L0004410 , L0004411 ,  
, L0004413 , L0004414 , ,

L0004420 L0004415 , L0004416 , L0004417 , L0004418 , L0004419 ,  
, L0004421 , L0004422 , ,

L0004428 L0004423 , L0004424 , L0004425 , L0004426 , L0004427 ,  
, L0004429 , L0004430 , ,

L0004436 L0004431 , L0004432 , L0004433 , L0004434 , L0004435 ,  
, L0004437 , L0004438 , ,

L0004444 L0004439 , L0004440 , L0004441 , L0004442 , L0004443 ,  
, L0004445 , L0004446 , ,

L0004452 L0004447 , L0004448 , L0004449 , L0004450 , L0004451 ,  
, L0004453 , L0004454 , ,

L0004460 L0004455 , L0004456 , L0004457 , L0004458 , L0004459 ,  
, L0004461 , L0004462 , ,

L0004468 L0004463 , L0004464 , L0004465 , L0004466 , L0004467 ,  
, L0004469 , L0004470 , ,

L0004476 L0004471 , L0004472 , L0004473 , L0004474 , L0004475 ,  
, L0004477 , L0004478 , ,

L0004484 L0004479 , L0004480 , L0004481 , L0004482 , L0004483 ,  
, L0004485 , L0004486 , ,

L0004492 L0004487 , L0004488 , L0004489 , L0004490 , L0004491 ,  
, L0004493 , L0004494 , ,

L0004500 L0004495 , L0004496 , L0004497 , L0004498 , L0004499 ,  
, L0004501 , L0004502 , ,

L0004508 L0004503 , L0004504 , L0004505 , L0004506 , L0004507 ,  
, L0004509 , L0004510 , ,

L0004511 , L0004512 , L0004513 , L0004514 , L0004515 ,  
L0004516 , L0004517 , L0004518 ,

L0004519 , L0004520 , L0004521 , L0004522 , L0004523 ,  
L0004524 , L0004525 , L0004526 ,

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS

\*\*\*

SRCGROUP ID SOURCE IDs  
-----

L0004527 , L0004528 , L0004529 ,  
▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

\*\*\*

URBAN ID URBAN POP SOURCE IDs  
-----

1928000. L0004047 , L0004048 , L0004049 , L0004050 ,  
L0004051 , L0004052 , L0004053 ,  
L0004054 ,

L0004055 , L0004056 , L0004057 , L0004058 , L0004059 ,  
L0004060 , L0004061 , L0004062 ,

L0004063 , L0004064 , L0004065 , L0004066 , L0004067 ,  
L0004068 , L0004069 , L0004070 ,

L0004071 , L0004072 , L0004073 , L0004074 , L0004075 ,

L0004076 , L0004077 , L0004078 ,  
 L0004084 , L0004079 , L0004080 , L0004081 , L0004082 , L0004083 ,  
 , L0004085 , L0004086 ,  
 L0004092 , L0004087 , L0004088 , L0004089 , L0004090 , L0004091 ,  
 , L0004093 , L0004094 ,  
 L0004100 , L0004095 , L0004096 , L0004097 , L0004098 , L0004099 ,  
 , L0004101 , L0004102 ,  
 L0004108 , L0004103 , L0004104 , L0004105 , L0004106 , L0004107 ,  
 , L0004109 , L0004110 ,  
 L0004116 , L0004111 , L0004112 , L0004113 , L0004114 , L0004115 ,  
 , L0004117 , L0004118 ,  
 L0004124 , L0004119 , L0004120 , L0004121 , L0004122 , L0004123 ,  
 , L0004125 , L0004126 ,  
 L0004132 , L0004127 , L0004128 , L0004129 , L0004130 , L0004131 ,  
 , L0004133 , L0004134 ,  
 L0004140 , L0004135 , L0004136 , L0004137 , L0004138 , L0004139 ,  
 , L0004141 , L0004142 ,  
 L0004148 , L0004143 , L0004144 , L0004145 , L0004146 , L0004147 ,  
 , L0004149 , L0004150 ,  
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 L0004196 , L0004191 , L0004192 , L0004193 , L0004194 , L0004195 ,  
 , L0004197 , L0004198 ,  
 L0004204 , L0004199 , L0004200 , L0004201 , L0004202 , L0004203 ,  
 , L0004205 , L0004206 ,



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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

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URBAN ID	URBAN POP	SOURCE IDs
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L0004212	L0004207 , L0004213	L0004208 , L0004214 , L0004209 , L0004210 , L0004211 ,
L0004220	L0004215 , L0004221	L0004216 , L0004222 , L0004217 , L0004218 , L0004219 ,
L0004228	L0004223 , L0004229	L0004224 , L0004230 , L0004225 , L0004226 , L0004227 ,
L0004236	L0004231 , L0004237	L0004232 , L0004238 , L0004233 , L0004234 , L0004235 ,
L0004244	L0004239 , L0004245	L0004240 , L0004246 , L0004241 , L0004242 , L0004243 ,
L0004252	L0004247 , L0004253	L0004248 , L0004254 , L0004249 , L0004250 , L0004251 ,
L0004260	L0004255 , L0004261	L0004256 , L0004262 , L0004257 , L0004258 , L0004259 ,
L0004268	L0004263 , L0004269	L0004264 , L0004270 , L0004265 , L0004266 , L0004267 ,
L0004276	L0004271 , L0004277	L0004272 , L0004278 , L0004273 , L0004274 , L0004275 ,
L0004284	L0004279 , L0004285	L0004280 , L0004286 , L0004281 , L0004282 , L0004283 ,
L0004292	L0004287 , L0004293	L0004288 , L0004294 , L0004289 , L0004290 , L0004291 ,
L0004300	L0004295 , L0004301	L0004296 , L0004302 , L0004297 , L0004298 , L0004299 ,

L0004308      L0004303      , L0004304      , L0004305      , L0004306      , L0004307      ,  
                  , L0004309      , L0004310      ,  
  
 L0004316      L0004311      , L0004312      , L0004313      , L0004314      , L0004315      ,  
                  , L0004317      , L0004318      ,  
  
 L0004324      L0004319      , L0004320      , L0004321      , L0004322      , L0004323      ,  
                  , L0004325      , L0004326      ,  
  
 L0004332      L0004327      , L0004328      , L0004329      , L0004330      , L0004331      ,  
                  , L0004333      , L0004334      ,  
  
 L0004340      L0004335      , L0004336      , L0004337      , L0004338      , L0004339      ,  
                  , L0004341      , L0004342      ,  
  
 L0004348      L0004343      , L0004344      , L0004345      , L0004346      , L0004347      ,  
                  , L0004349      , L0004350      ,  
  
 L0004356      L0004351      , L0004352      , L0004353      , L0004354      , L0004355      ,  
                  , L0004357      , L0004358      ,  
  
 L0004364      L0004359      , L0004360      , L0004361      , L0004362      , L0004363      ,  
                  , L0004365      , L0004366      ,

▲ \*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDEFAULT      CONC      ELEV      URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0004372	L0004367      , L0004373	L0004368      , L0004369      , L0004370      , L0004371      , , L0004374      ,
L0004380	L0004375      , L0004381	L0004376      , L0004377      , L0004378      , L0004379      , , L0004382      ,
L0004388	L0004383      , L0004389	L0004384      , L0004385      , L0004386      , L0004387      , , L0004390      ,
	L0004391      , L0004392	L0004393      , L0004394      , L0004395      ,

L0004396 , L0004397 , L0004398 ,  
 L0004404 , L0004399 , L0004400 , L0004401 , L0004402 , L0004403 ,  
 , L0004405 , L0004406 ,  
 L0004412 , L0004407 , L0004408 , L0004409 , L0004410 , L0004411 ,  
 , L0004413 , L0004414 ,  
 L0004420 , L0004415 , L0004416 , L0004417 , L0004418 , L0004419 ,  
 , L0004421 , L0004422 ,  
 L0004428 , L0004423 , L0004424 , L0004425 , L0004426 , L0004427 ,  
 , L0004429 , L0004430 ,  
 L0004436 , L0004431 , L0004432 , L0004433 , L0004434 , L0004435 ,  
 , L0004437 , L0004438 ,  
 L0004444 , L0004439 , L0004440 , L0004441 , L0004442 , L0004443 ,  
 , L0004445 , L0004446 ,  
 L0004452 , L0004447 , L0004448 , L0004449 , L0004450 , L0004451 ,  
 , L0004453 , L0004454 ,  
 L0004460 , L0004455 , L0004456 , L0004457 , L0004458 , L0004459 ,  
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 L0004468 , L0004463 , L0004464 , L0004465 , L0004466 , L0004467 ,  
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 L0004476 , L0004471 , L0004472 , L0004473 , L0004474 , L0004475 ,  
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 , L0004501 , L0004502 ,  
 L0004508 , L0004503 , L0004504 , L0004505 , L0004506 , L0004507 ,  
 , L0004509 , L0004510 ,  
 L0004516 , L0004511 , L0004512 , L0004513 , L0004514 , L0004515 ,  
 , L0004517 , L0004518 ,  
 L0004524 , L0004519 , L0004520 , L0004521 , L0004522 , L0004523 ,  
 , L0004525 , L0004526 ,

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
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L0004527 , L0004528 , L0004529 ,

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/18/21

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*** AERMET - VERSION 14134 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

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( 608542.1, 4123221.7, 65.2, 314.7, 0.0); ( 608577.1,
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 ( 608801.9, 4123091.6, 65.0, 314.7, 0.0);





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

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

1.54, 3.09, 5.14, 8.23,  
10.80,

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

Surface file: ..\..\724946.SFC  
Met Version: 14134  
Profile file: ..\..\724946.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93232 Upper air station no.: 23230  
Name: UNKNOWN Name:  
OAKLAND/WSO\_AP Year: 2009 Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
09	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	

1.00	999.00	999.	-9.0	999.0	-9.0								
09	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	999.00	999.	-9.0	999.0	-9.0								
09	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	0.00	0.	10.0	282.1	2.0								
09	01	01	1	08	-14.6	0.258	-9.000	-9.000	-999.	315.	106.7	0.09	1.01
0.74	3.36	323.	10.0	282.1	2.0								
09	01	01	1	09	-5.8	0.275	-9.000	-9.000	-999.	346.	324.0	0.09	1.01
0.39	3.36	307.	10.0	282.1	2.0								
09	01	01	1	10	8.2	0.291	0.289	0.016	107.	377.	-274.8	0.09	1.01
0.27	3.36	311.	10.0	282.1	2.0								
09	01	01	1	11	17.3	0.297	0.448	0.016	189.	389.	-138.5	0.09	1.01
0.23	3.36	314.	10.0	282.1	2.0								
09	01	01	1	12	22.3	-9.000	-9.000	-9.000	257.	-999.	-99999.0	0.14	1.01
0.21	0.00	0.	10.0	282.1	2.0								
09	01	01	1	13	23.1	0.301	0.584	0.016	312.	396.	-106.7	0.09	1.01
0.21	3.36	313.	10.0	282.1	2.0								
09	01	01	1	14	19.8	-9.000	-9.000	-9.000	353.	-999.	-99999.0	0.14	1.01
0.22	0.00	0.	10.0	283.1	2.0								
09	01	01	1	15	12.1	0.339	0.501	0.016	375.	473.	-291.2	0.17	1.01
0.25	3.36	42.	10.0	283.1	2.0								
09	01	01	1	16	25.3	0.263	0.664	0.017	420.	327.	-65.3	0.09	1.01
0.33	2.86	74.	10.0	284.1	2.0								
09	01	01	1	17	-13.7	0.251	-9.000	-9.000	-999.	301.	104.3	0.17	1.01
0.57	2.86	41.	10.0	283.1	2.0								
09	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	0.00	0.	10.0	282.1	2.0								
09	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	0.00	0.	10.0	282.1	2.0								
09	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	0.00	0.	10.0	281.1	2.0								
09	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	0.00	0.	10.0	281.1	2.0								
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	0.00	0.	10.0	280.1	2.0								
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	999.00	999.	-9.0	280.1	2.0								
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	999.00	999.	-9.0	280.1	2.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	-999.	-99.00	-999.0	99.0	-99.00	-99.00

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

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 14:18:22

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0004047 , L0004048  
 , L0004049 , L0004050 , L0004051 ,  
 , L0004052 , L0004053 , L0004054 , L0004055 , L0004056  
 , L0004057 , L0004058 , L0004059 ,  
 , L0004060 , L0004061 , L0004062 , L0004063 , L0004064  
 , L0004065 , L0004066 , L0004067 ,  
 , L0004068 , L0004069 , L0004070 , L0004071 , L0004072  
 , L0004073 , L0004074 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_2.5 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
608017.11	4122906.72	0.00025	608052.11
4122906.72	0.00027		
608087.11	4122906.72	0.00030	608122.11
4122906.72	0.00032		
608157.11	4122906.72	0.00035	608192.11
4122906.72	0.00038		
608227.11	4122906.72	0.00042	608262.11
4122906.72	0.00047		
608297.11	4122906.72	0.00053	608332.11
4122906.72	0.00062		
608367.11	4122906.72	0.00073	608612.11
4122906.72	0.00173		
608647.11	4122906.72	0.00171	608017.11
4122941.72	0.00028		
608052.11	4122941.72	0.00031	608087.11
4122941.72	0.00034		
608122.11	4122941.72	0.00038	608157.11
4122941.72	0.00041		
608192.11	4122941.72	0.00046	608227.11
4122941.72	0.00052		
608262.11	4122941.72	0.00059	608297.11
4122941.72	0.00068		
608332.11	4122941.72	0.00083	608507.11
4122941.72	0.00201		
608542.11	4122941.72	0.00195	608577.11

4122941.72	0.00198		
608612.11	4122941.72	0.00204	608647.11
4122941.72	0.00214		
608017.11	4122976.72	0.00032	608052.11
4122976.72	0.00035		
608087.11	4122976.72	0.00039	608122.11
4122976.72	0.00044		
608157.11	4122976.72	0.00050	608192.11
4122976.72	0.00057		
608227.11	4122976.72	0.00065	608262.11
4122976.72	0.00077		
608297.11	4122976.72	0.00093	608472.11
4122976.72	0.00222		
608507.11	4122976.72	0.00231	608542.11
4122976.72	0.00244		
608577.11	4122976.72	0.00267	608612.11
4122976.72	0.00292		
608717.11	4122976.72	0.00239	608017.11
4123011.72	0.00037		
608052.11	4123011.72	0.00042	608087.11
4123011.72	0.00047		
608122.11	4123011.72	0.00054	608157.11
4123011.72	0.00061		
608192.11	4123011.72	0.00072	608227.11
4123011.72	0.00087		
608437.11	4123011.72	0.00274	608472.11
4123011.72	0.00300		
608717.11	4123011.72	0.00226	608017.11
4123046.72	0.00043		
608052.11	4123046.72	0.00049	608087.11
4123046.72	0.00057		
608122.11	4123046.72	0.00066	608157.11
4123046.72	0.00080		
608192.11	4123046.72	0.00099	608717.11
4123046.72	0.00238		
608017.11	4123081.72	0.00051	608052.11
4123081.72	0.00060		
608087.11	4123081.72	0.00071	608122.11
4123081.72	0.00087		
608157.11	4123081.72	0.00112	608472.11
4123081.72	0.00475		
608507.11	4123081.72	0.00429	608542.11
4123081.72	0.00391		
608717.11	4123081.72	0.00258	608017.11
4123116.72	0.00063		
608052.11	4123116.72	0.00075	608087.11
4123116.72	0.00095		
608437.11	4123116.72	0.00708	608472.11
4123116.72	0.00600		
608507.11	4123116.72	0.00523	608542.11

4123116.72 0.00464  
 608717.11 4123116.72 0.00280 608017.11  
 4123151.72 0.00079  
 608052.11 4123151.72 0.00102 608437.11  
 4123151.72 0.00938

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 14:18:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0004047 , L0004048  
 , L0004049 , L0004050 , L0004051 ,  
 L0004052 , L0004053 , L0004054 , L0004055 , L0004056  
 , L0004057 , L0004058 , L0004059 ,  
 L0004060 , L0004061 , L0004062 , L0004063 , L0004064  
 , L0004065 , L0004066 , L0004067 ,  
 L0004068 , L0004069 , L0004070 , L0004071 , L0004072  
 , L0004073 , L0004074 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
608472.11	4123151.72	0.00755	608507.11
4123151.72	0.00636		
608542.11	4123151.72	0.00552	608647.11
4123151.72	0.00384		
608682.11	4123151.72	0.00341	608717.11
4123151.72	0.00302		
608647.11	4123186.72	0.00425	608682.11
4123186.72	0.00369		
608717.11	4123186.72	0.00321	608507.11
4123221.72	0.00941		
608542.11	4123221.72	0.00772	608577.11
4123221.72	0.00648		
608647.11	4123221.72	0.00463	608682.11
4123221.72	0.00392		
608717.11	4123221.72	0.00332	608542.11
4123256.72	0.00915		

608577.11	4123256.72	0.00740	608647.11
4123256.72	0.00491		
608682.11	4123256.72	0.00402	608717.11
4123256.72	0.00333		
608542.11	4123291.72	0.01092	608262.95
4122799.62	0.00028		
608297.95	4122799.62	0.00030	608332.95
4122799.62	0.00034		
608367.95	4122799.62	0.00037	608402.95
4122801.23	0.00042		
608262.95	4122834.62	0.00032	608297.95
4122834.62	0.00036		
608332.95	4122834.62	0.00040	608367.95
4122834.62	0.00045		
608402.95	4122836.23	0.00052	608262.95
4122869.62	0.00039		
608297.95	4122869.62	0.00043	608332.95
4122869.62	0.00049		
608367.95	4122869.62	0.00056	608402.95
4122871.23	0.00067		
608262.95	4122694.62	0.00019	608297.95
4122694.62	0.00020		
608332.95	4122694.62	0.00022	608367.95
4122694.62	0.00024		
608402.95	4122696.23	0.00026	608262.95
4122729.62	0.00021		
608297.95	4122729.62	0.00023	608332.95
4122729.62	0.00025		
608367.95	4122729.62	0.00027	608402.95
4122731.23	0.00030		
608262.95	4122764.62	0.00024	608297.95
4122764.62	0.00026		
608332.95	4122764.62	0.00029	608367.95
4122764.62	0.00032		
608402.95	4122766.23	0.00035	608439.11
4122799.62	0.00047		
608474.11	4122799.62	0.00054	608439.11
4122834.62	0.00060		
608474.11	4122834.62	0.00070	608439.11
4122694.62	0.00028		
608474.11	4122694.62	0.00031	608509.11
4122694.62	0.00034		
608544.11	4122694.62	0.00038	608579.11
4122694.62	0.00041		
608439.11	4122729.62	0.00033	608474.11
4122729.62	0.00036		
608509.11	4122729.62	0.00041	608544.11
4122729.62	0.00045		
608579.11	4122729.62	0.00050	608439.11
4122764.62	0.00039		

608474.11	4122764.62	0.00044	608509.11
4122764.62	0.00049		
608544.11	4122764.62	0.00056	608766.92
4122986.59	0.00211		
608801.92	4122986.59	0.00198	608766.92
4123021.59	0.00206		
608801.92	4123021.59	0.00191	608766.92
4123056.59	0.00217		
608801.92	4123056.59	0.00199	608766.92
4123091.59	0.00231		
608801.92	4123091.59	0.00210	

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/18/21  
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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                  INCLUDING SOURCE(S):      L0004047      , L0004048  
   , L0004049      , L0004050      , L0004051      ,  
                                  L0004052      , L0004053      , L0004054      , L0004055      , L0004056  
   , L0004057      , L0004058      , L0004059      ,  
                                  L0004060      , L0004061      , L0004062      , L0004063      , L0004064  
   , L0004065      , L0004066      , L0004067      ,  
                                  L0004068      , L0004069      , L0004070      , L0004071      , L0004072  
   , L0004073      , L0004074      , . . .      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>2.5</sub>    IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
608017.11	4122906.72	0.01649	(09012821)	608052.11
4122906.72	0.01979	(09012821)		
608087.11	4122906.72	0.02239	(09012821)	608122.11
4122906.72	0.02425	(13122819)		
608157.11	4122906.72	0.02471	(13122819)	608192.11
4122906.72	0.02272	(13122819)		
608227.11	4122906.72	0.02241	(13122817)	608262.11
4122906.72	0.02475	(13122817)		
608297.11	4122906.72	0.02572	(11121718)	608332.11

4122906.72	0.02804	(11121718)		
608367.11	4122906.72	0.02687	(13020320)	608612.11
4122906.72	0.02050	(10110120)		
608647.11	4122906.72	0.02008	(10110120)	608017.11
4122941.72	0.01835	(12122920)		
608052.11	4122941.72	0.01908	(09012821)	608087.11
4122941.72	0.02310	(09012821)		
608122.11	4122941.72	0.02591	(09012821)	608157.11
4122941.72	0.02788	(13122819)		
608192.11	4122941.72	0.02754	(13122819)	608227.11
4122941.72	0.02412	(13122819)		
608262.11	4122941.72	0.02788	(13122817)	608297.11
4122941.72	0.02874	(11121718)		
608332.11	4122941.72	0.03192	(11121718)	608507.11
4122941.72	0.02691	(10032120)		
608542.11	4122941.72	0.02527	(10032120)	608577.11
4122941.72	0.02314	(10032120)		
608612.11	4122941.72	0.02232	(10110120)	608647.11
4122941.72	0.02175	(10110120)		
608017.11	4122976.72	0.01975	(12122920)	608052.11
4122976.72	0.02115	(12122920)		
608087.11	4122976.72	0.02245	(09012821)	608122.11
4122976.72	0.02730	(09012821)		
608157.11	4122976.72	0.03051	(13122819)	608192.11
4122976.72	0.03272	(13122819)		
608227.11	4122976.72	0.03104	(13122819)	608262.11
4122976.72	0.03168	(13122817)		
608297.11	4122976.72	0.03349	(13122817)	608472.11
4122976.72	0.03004	(10032120)		
608507.11	4122976.72	0.02872	(10032120)	608542.11
4122976.72	0.02707	(10032120)		
608577.11	4122976.72	0.02534	(10110120)	608612.11
4122976.72	0.02384	(10110120)		
608717.11	4122976.72	0.01814	(12101420)	608017.11
4123011.72	0.02517	(09012822)		
608052.11	4123011.72	0.02447	(09012822)	608087.11
4123011.72	0.02500	(12122920)		
608122.11	4123011.72	0.02719	(09012821)	608157.11
4123011.72	0.03283	(09012821)		
608192.11	4123011.72	0.03719	(13122819)	608227.11
4123011.72	0.03887	(13122819)		
608437.11	4123011.72	0.03432	(10032120)	608472.11
4123011.72	0.03293	(10032120)		
608717.11	4123011.72	0.01897	(12101420)	608017.11
4123046.72	0.02923	(09012822)		
608052.11	4123046.72	0.03073	(09012822)	608087.11
4123046.72	0.03101	(09012822)		
608122.11	4123046.72	0.03001	(12122920)	608157.11
4123046.72	0.03382	(09012821)		
608192.11	4123046.72	0.04179	(09012821)	608717.11



4123046.72	0.02002	(12101420)		
608017.11	4123081.72	0.03042	(09012822)	608052.11
4123081.72	0.03382	(09012822)		
608087.11	4123081.72	0.03713	(09012822)	608122.11
4123081.72	0.03965	(09012822)		
608157.11	4123081.72	0.04093	(09012822)	608472.11
4123081.72	0.03746	(10032120)		
608507.11	4123081.72	0.03396	(10032120)	608542.11
4123081.72	0.02969	(10110120)		
608717.11	4123081.72	0.02147	(13021120)	608017.11
4123116.72	0.03003	(09010822)		
608052.11	4123116.72	0.03362	(11022207)	608087.11
4123116.72	0.03910	(09012822)		
608437.11	4123116.72	0.04610	(10032120)	608472.11
4123116.72	0.04157	(10032120)		
608507.11	4123116.72	0.03668	(10032120)	608542.11
4123116.72	0.03233	(10110120)		
608717.11	4123116.72	0.02302	(13021120)	608017.11
4123151.72	0.02965	(09010822)		
608052.11	4123151.72	0.03376	(09010822)	608437.11
4123151.72	0.05320	(10032120)		

^ \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 14:18:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0004047 , L0004048  
 , L0004049 , L0004050 , L0004051 ,  
 L0004052 , L0004053 , L0004054 , L0004055 , L0004056  
 , L0004057 , L0004058 , L0004059 ,  
 L0004060 , L0004061 , L0004062 , L0004063 , L0004064  
 , L0004065 , L0004066 , L0004067 ,  
 L0004068 , L0004069 , L0004070 , L0004071 , L0004072  
 , L0004073 , L0004074 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
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-----	-----	-----	-----	-----

608472.11	4123151.72	0.04651	(10032120)	608507.11
4123151.72	0.03968	(10032120)		
608542.11	4123151.72	0.03520	(10110120)	608647.11
4123151.72	0.02738	(13021120)		
608682.11	4123151.72	0.02591	(13021120)	608717.11
4123151.72	0.02423	(13021120)		
608647.11	4123186.72	0.02969	(13021120)	608682.11
4123186.72	0.02735	(13021120)		
608717.11	4123186.72	0.02456	(13021120)	608507.11
4123221.72	0.04928	(10110120)		
608542.11	4123221.72	0.04249	(13021120)	608577.11
4123221.72	0.03828	(13021120)		
608647.11	4123221.72	0.03150	(13021120)	608682.11
4123221.72	0.02763	(13021120)		
608717.11	4123221.72	0.02321	(13021120)	608542.11
4123256.72	0.04811	(13021120)		
608577.11	4123256.72	0.04213	(13021120)	608647.11
4123256.72	0.03173	(13021120)		
608682.11	4123256.72	0.02544	(13021120)	608717.11
4123256.72	0.02131	(10092919)		
608542.11	4123291.72	0.05388	(13021120)	608262.95
4122799.62	0.01777	(13122817)		
608297.95	4122799.62	0.01948	(11121718)	608332.95
4122799.62	0.02061	(11121718)		
608367.95	4122799.62	0.01971	(11121718)	608402.95
4122801.23	0.02119	(13020320)		
608262.95	4122834.62	0.01972	(13122817)	608297.95
4122834.62	0.02124	(11121718)		
608332.95	4122834.62	0.02263	(11121718)	608367.95
4122834.62	0.02162	(11121718)		
608402.95	4122836.23	0.02326	(13020320)	608262.95
4122869.62	0.02200	(13122817)		
608297.95	4122869.62	0.02328	(11121718)	608332.95
4122869.62	0.02496	(11121718)		
608367.95	4122869.62	0.02384	(11121718)	608402.95
4122871.23	0.02578	(13020320)		
608262.95	4122694.62	0.01381	(11121718)	608297.95
4122694.62	0.01562	(11121718)		
608332.95	4122694.62	0.01616	(11121718)	608367.95
4122694.62	0.01543	(11121718)		
608402.95	4122696.23	0.01644	(13020320)	608262.95
4122729.62	0.01464	(11020918)		
608297.95	4122729.62	0.01676	(11121718)	608332.95
4122729.62	0.01745	(11121718)		
608367.95	4122729.62	0.01665	(11121718)	608402.95
4122731.23	0.01789	(13020320)		
608262.95	4122764.62	0.01602	(13122817)	608297.95
4122764.62	0.01802	(11121718)		
608332.95	4122764.62	0.01893	(11121718)	608367.95
4122764.62	0.01807	(11121718)		



\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
608017.11	4122906.72	0.00203b	(11013024)	608052.11
4122906.72	0.00217b	(11013024)		
608087.11	4122906.72	0.00226b	(11013024)	608122.11
4122906.72	0.00226b	(11013024)		
608157.11	4122906.72	0.00214b	(11013024)	608192.11
4122906.72	0.00227b	(13122824)		
608227.11	4122906.72	0.00228b	(13122824)	608262.11
4122906.72	0.00214b	(13122824)		
608297.11	4122906.72	0.00230b	(09020424)	608332.11
4122906.72	0.00271b	(09020424)		
608367.11	4122906.72	0.00299b	(09020424)	608612.11
4122906.72	0.00416b	(09012424)		
608647.11	4122906.72	0.00421b	(09012424)	608017.11
4122941.72	0.00214b	(11013024)		
608052.11	4122941.72	0.00238b	(11013024)	608087.11
4122941.72	0.00258b	(11013024)		
608122.11	4122941.72	0.00269b	(11013024)	608157.11
4122941.72	0.00265b	(11013024)		
608192.11	4122941.72	0.00255b	(13122824)	608227.11
4122941.72	0.00268b	(13122824)		
608262.11	4122941.72	0.00259b	(13122824)	608297.11
4122941.72	0.00265b	(09020424)		
608332.11	4122941.72	0.00324b	(09020424)	608507.11
4122941.72	0.00430b	(09012424)		
608542.11	4122941.72	0.00450b	(09012424)	608577.11
4122941.72	0.00466b	(09012424)		
608612.11	4122941.72	0.00474b	(09012424)	608647.11
4122941.72	0.00476b	(09012424)		
608017.11	4122976.72	0.00245m	(10121924)	608052.11
4122976.72	0.00253b	(11013024)		
608087.11	4122976.72	0.00285b	(11013024)	608122.11
4122976.72	0.00313b	(11013024)		
608157.11	4122976.72	0.00327b	(11013024)	608192.11
4122976.72	0.00322b	(11013024)		
608227.11	4122976.72	0.00317b	(13122824)	608262.11
4122976.72	0.00319b	(13122824)		
608297.11	4122976.72	0.00318b	(09020424)	608472.11
4122976.72	0.00494m	(13091424)		
608507.11	4122976.72	0.00519m	(13091424)	608542.11
4122976.72	0.00536m	(13091424)		
608577.11	4122976.72	0.00553m	(13091424)	608612.11
4122976.72	0.00546m	(13091424)		
608717.11	4122976.72	0.00411b	(09012424)	608017.11

4123011.72	0.00295m (10121924)	
608052.11	4123011.72	0.00308m (10121924) 608087.11
4123011.72	0.00316m (10121924)	
608122.11	4123011.72	0.00355b (11013024) 608157.11
4123011.72	0.00392b (11013024)	
608192.11	4123011.72	0.00414b (11013024) 608227.11
4123011.72	0.00407b (11013024)	
608437.11	4123011.72	0.00600m (13091424) 608472.11
4123011.72	0.00645m (13091424)	
608717.11	4123011.72	0.00409b (09012424) 608017.11
4123046.72	0.00355m (10121924)	
608052.11	4123046.72	0.00381m (10121924) 608087.11
4123046.72	0.00404m (10121924)	
608122.11	4123046.72	0.00420m (10121924) 608157.11
4123046.72	0.00463b (11013024)	
608192.11	4123046.72	0.00533b (11013024) 608717.11
4123046.72	0.00404b (09012424)	
608017.11	4123081.72	0.00415m (10121924) 608052.11
4123081.72	0.00455m (10121924)	
608087.11	4123081.72	0.00503m (10121924) 608122.11
4123081.72	0.00556m (10121924)	
608157.11	4123081.72	0.00620m (10121924) 608472.11
4123081.72	0.00852m (13091424)	
608507.11	4123081.72	0.00773m (13091424) 608542.11
4123081.72	0.00704m (13091424)	
608717.11	4123081.72	0.00403m (13091424) 608017.11
4123116.72	0.00460m (10121924)	
608052.11	4123116.72	0.00519m (10121924) 608087.11
4123116.72	0.00603m (10121924)	
608437.11	4123116.72	0.01127m (13091424) 608472.11
4123116.72	0.00980m (13091424)	
608507.11	4123116.72	0.00872m (13091424) 608542.11
4123116.72	0.00782m (13091424)	
608717.11	4123116.72	0.00424b (13020524) 608017.11
4123151.72	0.00486m (10121924)	
608052.11	4123151.72	0.00568m (10121924) 608437.11
4123151.72	0.01322m (13091424)	

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 14:18:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0004047 , L0004048  
 , L0004049 , L0004050 , L0004051 ,  
 L0004052 , L0004053 , L0004054 , L0004055 , L0004056

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, L0004057      , L0004058      , L0004059      ,
                  L0004060      , L0004061      , L0004062      , L0004063      , L0004064
, L0004065      , L0004066      , L0004067      ,
                  L0004068      , L0004069      , L0004070      , L0004071      , L0004072
, L0004073      , L0004074      , . . .

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM\_2.5 IN MICROGRAMS/M\*\*3

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Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M)
4123151.72	608472.11	4123151.72	0.01128m (13091424)	0.01128m (13091424)	608507.11
4123151.72	608542.11	4123151.72	0.00985m (13091424)	0.00870m (13091424)	608647.11
4123151.72	608682.11	4123151.72	0.00564m (13091424)	0.00500m (10020724)	608717.11
4123151.72	608647.11	4123186.72	0.00446m (10020724)	0.00614m (10020724)	608682.11
4123186.72	608717.11	4123186.72	0.00537m (10020724)	0.00471m (10020724)	608507.11
4123221.72	608542.11	4123221.72	0.01317m (13091424)	0.01090m (13091424)	608577.11
4123221.72	608647.11	4123221.72	0.00899m (10020724)	0.00659m (10020724)	608682.11
4123221.72	608717.11	4123221.72	0.00564m (10020724)	0.00485m (10020724)	608542.11
4123256.72	608577.11	4123256.72	0.01223m (13091424)	0.01006m (10020724)	608647.11
4123256.72	608682.11	4123256.72	0.00688m (10020724)	0.00573m (10020724)	608717.11
4123256.72	608542.11	4123291.72	0.00482m (10020724)	0.01420m (10020724)	608262.95
4122799.62	608297.95	4122799.62	0.00137b (09020424)	0.00163b (09020424)	608332.95
4122799.62	608367.95	4122799.62	0.00185b (09020424)	0.00198b (09020424)	608402.95
4122801.23	608262.95	4122834.62	0.00204b (09020424)	0.00152b (13122824)	608297.95
4122834.62	608332.95	4122834.62	0.00181b (09020424)	0.00207b (09020424)	608367.95
4122834.62	608402.95	4122836.23	0.00223b (09020424)	0.00232b (09020424)	608262.95
4122869.62	608297.95	4122869.62	0.00178b (13122824)	0.00203b (09020424)	608332.95
4122869.62	608332.95	4122869.62	0.00234b (09020424)		

608367.95	4122869.62	0.00254b (09020424)	608402.95
4122871.23	0.00270b (09020424)		
608262.95	4122694.62	0.00108b (09020424)	608297.95
4122694.62	0.00126b (09020424)		
608332.95	4122694.62	0.00139b (09020424)	608367.95
4122694.62	0.00147b (09020424)		
608402.95	4122696.23	0.00150b (09020424)	608262.95
4122729.62	0.00116b (09020424)		
608297.95	4122729.62	0.00137b (09020424)	608332.95
4122729.62	0.00152b (09020424)		
608367.95	4122729.62	0.00160b (09020424)	608402.95
4122731.23	0.00166b (09020424)		
608262.95	4122764.62	0.00126b (09020424)	608297.95
4122764.62	0.00149b (09020424)		
608332.95	4122764.62	0.00167b (09020424)	608367.95
4122764.62	0.00178b (09020424)		
608402.95	4122766.23	0.00183b (09020424)	608439.11
4122799.62	0.00215b (09040324)		
608474.11	4122799.62	0.00226b (09040324)	608439.11
4122834.62	0.00247b (09040324)		
608474.11	4122834.62	0.00260b (09040324)	608439.11
4122694.62	0.00154b (09040324)		
608474.11	4122694.62	0.00162b (09040324)	608509.11
4122694.62	0.00165b (09040324)		
608544.11	4122694.62	0.00163b (09040324)	608579.11
4122694.62	0.00159b (09040324)		
608439.11	4122729.62	0.00171b (09040324)	608474.11
4122729.62	0.00179b (09040324)		
608509.11	4122729.62	0.00181b (09040324)	608544.11
4122729.62	0.00180b (09040324)		
608579.11	4122729.62	0.00175b (09040324)	608439.11
4122764.62	0.00190b (09040324)		
608474.11	4122764.62	0.00200b (09040324)	608509.11
4122764.62	0.00202b (09040324)		
608544.11	4122764.62	0.00201b (09040324)	608766.92
4122986.59	0.00352b (09012424)		
608801.92	4122986.59	0.00307b (09012424)	608766.92
4123021.59	0.00337b (13110424)		
608801.92	4123021.59	0.00311b (09010524)	608766.92
4123056.59	0.00343b (13020524)		
608801.92	4123056.59	0.00322b (09010524)	608766.92
4123091.59	0.00359b (13020524)		
608801.92	4123091.59	0.00328b (11121824)	

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/18/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
                                  \*\*\*      14:18:22

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43872 HRS) RESULTS \*\*\*

\*\* CONC OF PM\_2.5 IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	
ALL	1ST HIGHEST VALUE IS	0.01092 AT (	608542.11, 4123291.72,
65.04,	314.65, 0.00) DC		
	2ND HIGHEST VALUE IS	0.00941 AT (	608507.11, 4123221.72,
65.09,	314.65, 0.00) DC		
	3RD HIGHEST VALUE IS	0.00938 AT (	608437.11, 4123151.72,
64.05,	314.65, 0.00) DC		
	4TH HIGHEST VALUE IS	0.00915 AT (	608542.11, 4123256.72,
65.31,	314.65, 0.00) DC		
	5TH HIGHEST VALUE IS	0.00772 AT (	608542.11, 4123221.72,
65.17,	314.65, 0.00) DC		
	6TH HIGHEST VALUE IS	0.00755 AT (	608472.11, 4123151.72,
64.17,	314.65, 0.00) DC		
	7TH HIGHEST VALUE IS	0.00740 AT (	608577.11, 4123256.72,
65.58,	314.65, 0.00) DC		
	8TH HIGHEST VALUE IS	0.00708 AT (	608437.11, 4123116.72,
64.19,	314.65, 0.00) DC		
	9TH HIGHEST VALUE IS	0.00648 AT (	608577.11, 4123221.72,
65.36,	314.65, 0.00) DC		
	10TH HIGHEST VALUE IS	0.00636 AT (	608507.11, 4123151.72,
63.92,	314.65, 0.00) DC		

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

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 14:18:22

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN



\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

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

ALL HIGH 1ST HIGH VALUE IS 0.05388 ON 13021120: AT ( 608542.11,  
4123291.72, 65.04, 314.65, 0.00) DC

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

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:18:22

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* THE SUMMARY OF HIGHEST 24-HR

RESULTS \*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

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

ALL HIGH 1ST HIGH VALUE IS 0.01420m ON 10020724: AT ( 608542.11,  
4123291.72, 65.04, 314.65, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR

DC = DISCCART  
DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/18/21  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:18:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

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

A Total of 0 Fatal Error Message(s)  
A Total of 0 Warning Message(s)  
A Total of 29124 Informational Message(s)  
  
A Total of 43872 Hours Were Processed  
  
A Total of 7247 Calm Hours Identified  
  
A Total of 21877 Missing Hours Identified ( 49.87 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!  
Data May Not Be Acceptable for Regulatory Applications.  
See Section 5.3.2 of "Meteorological Monitoring Guidance  
for Regulatory Modeling Applications" (EPA-454/R-99-005).

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

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

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.0
** Lakes Environmental Software Inc.
** Date: 8/19/2021
** File: C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari_Ops\Rue Ferrari_Ops.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari_Const\Rue Ferrari_Const
  MODELOPT DFAULT CONC
  AVERTIME 1 24 PERIOD
  URBANOPT 1928000 Santa_Clara_County
  POLLUTID PM_2.5
  RUNORNOT RUN
  ERRORFIL "Rue Ferrari_Ops.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 = SLINE2
** DESCRSRC US 101 Trucks
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 9.95E-06
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 6
** 608838.810, 4122862.927, 66.48, 3.06, 3.95
** 608785.476, 4122804.745, 66.12, 3.06, 3.95
** 608748.304, 4122793.431, 65.85, 3.06, 3.95
** 608678.809, 4122820.906, 67.74, 3.06, 3.95

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\*\* 608442.848, 4122946.967, 66.13, 3.06, 3.95

\*\* 607859.411, 4123321.919, 64.12, 3.06, 3.95

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LOCATION	L0000001	VOLUME	608835.938	4122859.794	66.42
LOCATION	L0000002	VOLUME	608830.194	4122853.528	66.35
LOCATION	L0000003	VOLUME	608824.451	4122847.262	65.82
LOCATION	L0000004	VOLUME	608818.707	4122840.996	65.34
LOCATION	L0000005	VOLUME	608812.963	4122834.730	64.90
LOCATION	L0000006	VOLUME	608807.220	4122828.465	64.51
LOCATION	L0000007	VOLUME	608801.476	4122822.199	64.56
LOCATION	L0000008	VOLUME	608795.732	4122815.933	64.85
LOCATION	L0000009	VOLUME	608789.989	4122809.667	65.33
LOCATION	L0000010	VOLUME	608783.733	4122804.214	65.97
LOCATION	L0000011	VOLUME	608775.601	4122801.739	65.90
LOCATION	L0000012	VOLUME	608767.470	4122799.264	65.53
LOCATION	L0000013	VOLUME	608759.338	4122796.789	65.26
LOCATION	L0000014	VOLUME	608751.206	4122794.315	65.92
LOCATION	L0000015	VOLUME	608743.220	4122795.441	66.78
LOCATION	L0000016	VOLUME	608735.316	4122798.566	67.41
LOCATION	L0000017	VOLUME	608727.411	4122801.691	67.69
LOCATION	L0000018	VOLUME	608719.506	4122804.816	67.64
LOCATION	L0000019	VOLUME	608711.602	4122807.942	67.47
LOCATION	L0000020	VOLUME	608703.697	4122811.067	67.48
LOCATION	L0000021	VOLUME	608695.792	4122814.192	67.78
LOCATION	L0000022	VOLUME	608687.888	4122817.317	68.20
LOCATION	L0000023	VOLUME	608679.983	4122820.442	68.55
LOCATION	L0000024	VOLUME	608672.425	4122824.317	68.70
LOCATION	L0000025	VOLUME	608664.928	4122828.322	69.01
LOCATION	L0000026	VOLUME	608657.431	4122832.327	69.33
LOCATION	L0000027	VOLUME	608649.934	4122836.333	68.78
LOCATION	L0000028	VOLUME	608642.437	4122840.338	68.46
LOCATION	L0000029	VOLUME	608634.940	4122844.343	68.38
LOCATION	L0000030	VOLUME	608627.442	4122848.349	68.35
LOCATION	L0000031	VOLUME	608619.945	4122852.354	68.50
LOCATION	L0000032	VOLUME	608612.448	4122856.359	68.85
LOCATION	L0000033	VOLUME	608604.951	4122860.365	69.02
LOCATION	L0000034	VOLUME	608597.454	4122864.370	68.56
LOCATION	L0000035	VOLUME	608589.957	4122868.375	67.97
LOCATION	L0000036	VOLUME	608582.460	4122872.381	67.53
LOCATION	L0000037	VOLUME	608574.962	4122876.386	67.46
LOCATION	L0000038	VOLUME	608567.465	4122880.391	67.68
LOCATION	L0000039	VOLUME	608559.968	4122884.397	68.17
LOCATION	L0000040	VOLUME	608552.471	4122888.402	68.12
LOCATION	L0000041	VOLUME	608544.974	4122892.407	67.96
LOCATION	L0000042	VOLUME	608537.477	4122896.413	67.33
LOCATION	L0000043	VOLUME	608529.979	4122900.418	66.88
LOCATION	L0000044	VOLUME	608522.482	4122904.423	66.80
LOCATION	L0000045	VOLUME	608514.985	4122908.428	67.04
LOCATION	L0000046	VOLUME	608507.488	4122912.434	67.36
LOCATION	L0000047	VOLUME	608499.991	4122916.439	67.21

LOCATION	L0000048	VOLUME	608492.494	4122920.444	67.09
LOCATION	L0000049	VOLUME	608484.997	4122924.450	66.75
LOCATION	L0000050	VOLUME	608477.499	4122928.455	66.38
LOCATION	L0000051	VOLUME	608470.002	4122932.460	66.26
LOCATION	L0000052	VOLUME	608462.505	4122936.466	66.38
LOCATION	L0000053	VOLUME	608455.008	4122940.471	66.39
LOCATION	L0000054	VOLUME	608447.511	4122944.476	66.27
LOCATION	L0000055	VOLUME	608440.145	4122948.705	66.17
LOCATION	L0000056	VOLUME	608432.994	4122953.300	65.98
LOCATION	L0000057	VOLUME	608425.843	4122957.896	65.59
LOCATION	L0000058	VOLUME	608418.693	4122962.491	65.42
LOCATION	L0000059	VOLUME	608411.542	4122967.087	65.48
LOCATION	L0000060	VOLUME	608404.391	4122971.682	65.40
LOCATION	L0000061	VOLUME	608397.241	4122976.278	65.30
LOCATION	L0000062	VOLUME	608390.090	4122980.873	65.23
LOCATION	L0000063	VOLUME	608382.939	4122985.468	64.99
LOCATION	L0000064	VOLUME	608375.789	4122990.064	64.76
LOCATION	L0000065	VOLUME	608368.638	4122994.659	64.68
LOCATION	L0000066	VOLUME	608361.487	4122999.255	64.75
LOCATION	L0000067	VOLUME	608354.337	4123003.850	64.67
LOCATION	L0000068	VOLUME	608347.186	4123008.446	64.63
LOCATION	L0000069	VOLUME	608340.035	4123013.041	64.63
LOCATION	L0000070	VOLUME	608332.885	4123017.636	64.48
LOCATION	L0000071	VOLUME	608325.734	4123022.232	64.37
LOCATION	L0000072	VOLUME	608318.583	4123026.827	64.33
LOCATION	L0000073	VOLUME	608311.433	4123031.423	64.35
LOCATION	L0000074	VOLUME	608304.282	4123036.018	64.33
LOCATION	L0000075	VOLUME	608297.131	4123040.614	64.36
LOCATION	L0000076	VOLUME	608289.981	4123045.209	64.38
LOCATION	L0000077	VOLUME	608282.830	4123049.805	64.33
LOCATION	L0000078	VOLUME	608275.679	4123054.400	64.26
LOCATION	L0000079	VOLUME	608268.529	4123058.995	64.23
LOCATION	L0000080	VOLUME	608261.378	4123063.591	64.25
LOCATION	L0000081	VOLUME	608254.227	4123068.186	64.27
LOCATION	L0000082	VOLUME	608247.077	4123072.782	64.32
LOCATION	L0000083	VOLUME	608239.926	4123077.377	64.29
LOCATION	L0000084	VOLUME	608232.775	4123081.973	64.27
LOCATION	L0000085	VOLUME	608225.625	4123086.568	64.26
LOCATION	L0000086	VOLUME	608218.474	4123091.163	64.28
LOCATION	L0000087	VOLUME	608211.323	4123095.759	64.35
LOCATION	L0000088	VOLUME	608204.173	4123100.354	64.35
LOCATION	L0000089	VOLUME	608197.022	4123104.950	64.33
LOCATION	L0000090	VOLUME	608189.871	4123109.545	64.31
LOCATION	L0000091	VOLUME	608182.721	4123114.141	64.34
LOCATION	L0000092	VOLUME	608175.570	4123118.736	64.36
LOCATION	L0000093	VOLUME	608168.419	4123123.332	64.41
LOCATION	L0000094	VOLUME	608161.269	4123127.927	64.47
LOCATION	L0000095	VOLUME	608154.118	4123132.522	64.45
LOCATION	L0000096	VOLUME	608146.968	4123137.118	64.35
LOCATION	L0000097	VOLUME	608139.817	4123141.713	64.33

LOCATION L000098	VOLUME	608132.666	4123146.309	64.35
LOCATION L000099	VOLUME	608125.516	4123150.904	64.37
LOCATION L000100	VOLUME	608118.365	4123155.500	64.42
LOCATION L000101	VOLUME	608111.214	4123160.095	64.48
LOCATION L000102	VOLUME	608104.064	4123164.691	64.48
LOCATION L000103	VOLUME	608096.913	4123169.286	64.41
LOCATION L000104	VOLUME	608089.762	4123173.881	64.41
LOCATION L000105	VOLUME	608082.612	4123178.477	64.40
LOCATION L000106	VOLUME	608075.461	4123183.072	64.39
LOCATION L000107	VOLUME	608068.310	4123187.668	64.41
LOCATION L000108	VOLUME	608061.160	4123192.263	64.46
LOCATION L000109	VOLUME	608054.009	4123196.859	64.41
LOCATION L000110	VOLUME	608046.858	4123201.454	64.37
LOCATION L000111	VOLUME	608039.708	4123206.049	64.39
LOCATION L000112	VOLUME	608032.557	4123210.645	64.36
LOCATION L000113	VOLUME	608025.406	4123215.240	64.33
LOCATION L000114	VOLUME	608018.256	4123219.836	64.35
LOCATION L000115	VOLUME	608011.105	4123224.431	64.40
LOCATION L000116	VOLUME	608003.954	4123229.027	64.32
LOCATION L000117	VOLUME	607996.804	4123233.622	64.28
LOCATION L000118	VOLUME	607989.653	4123238.218	64.26
LOCATION L000119	VOLUME	607982.502	4123242.813	64.23
LOCATION L000120	VOLUME	607975.352	4123247.408	64.22
LOCATION L000121	VOLUME	607968.201	4123252.004	64.25
LOCATION L000122	VOLUME	607961.050	4123256.599	64.26
LOCATION L000123	VOLUME	607953.900	4123261.195	64.21
LOCATION L000124	VOLUME	607946.749	4123265.790	64.20
LOCATION L000125	VOLUME	607939.598	4123270.386	64.21
LOCATION L000126	VOLUME	607932.448	4123274.981	64.19
LOCATION L000127	VOLUME	607925.297	4123279.576	64.18
LOCATION L000128	VOLUME	607918.146	4123284.172	64.21
LOCATION L000129	VOLUME	607910.996	4123288.767	64.17
LOCATION L000130	VOLUME	607903.845	4123293.363	64.13
LOCATION L000131	VOLUME	607896.694	4123297.958	64.11
LOCATION L000132	VOLUME	607889.544	4123302.554	64.13
LOCATION L000133	VOLUME	607882.393	4123307.149	64.12
LOCATION L000134	VOLUME	607875.242	4123311.745	64.13
LOCATION L000135	VOLUME	607868.092	4123316.340	64.15
LOCATION L000136	VOLUME	607860.941	4123320.935	64.11

\*\* End of LINE VOLUME Source ID = SLINE2

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE3

\*\* DESCRSRC Silicon Valley Blvd

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 6.0E-06

\*\* Vertical Dimension = 6.22

\*\* SZINIT = 2.89

\*\* Nodes = 4  
 \*\* 608840.816, 4122731.848, 65.92, 3.11, 3.95  
 \*\* 608834.070, 4122961.231, 67.31, 3.11, 3.95  
 \*\* 608846.214, 4123096.162, 67.61, 3.11, 3.95  
 \*\* 609036.467, 4123367.374, 70.25, 3.11, 3.95

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LOCATION	VOLUME				
L0005786	VOLUME	608840.691	4122736.096	65.93	
L0005787	VOLUME	608840.441	4122744.592	65.94	
L0005788	VOLUME	608840.192	4122753.088	65.98	
L0005789	VOLUME	608839.942	4122761.585	66.03	
L0005790	VOLUME	608839.692	4122770.081	66.07	
L0005791	VOLUME	608839.442	4122778.577	66.11	
L0005792	VOLUME	608839.192	4122787.074	66.16	
L0005793	VOLUME	608838.942	4122795.570	66.21	
L0005794	VOLUME	608838.692	4122804.066	66.26	
L0005795	VOLUME	608838.442	4122812.563	66.29	
L0005796	VOLUME	608838.192	4122821.059	66.31	
L0005797	VOLUME	608837.943	4122829.555	66.34	
L0005798	VOLUME	608837.693	4122838.052	66.36	
L0005799	VOLUME	608837.443	4122846.548	66.39	
L0005800	VOLUME	608837.193	4122855.044	66.41	
L0005801	VOLUME	608836.943	4122863.541	66.43	
L0005802	VOLUME	608836.693	4122872.037	66.48	
L0005803	VOLUME	608836.443	4122880.533	66.53	
L0005804	VOLUME	608836.193	4122889.030	66.59	
L0005805	VOLUME	608835.943	4122897.526	66.64	
L0005806	VOLUME	608835.694	4122906.022	66.73	
L0005807	VOLUME	608835.444	4122914.519	66.82	
L0005808	VOLUME	608835.194	4122923.015	66.90	
L0005809	VOLUME	608834.944	4122931.511	66.98	
L0005810	VOLUME	608834.694	4122940.008	67.04	
L0005811	VOLUME	608834.444	4122948.504	67.11	
L0005812	VOLUME	608834.194	4122957.000	67.17	
L0005813	VOLUME	608834.452	4122965.481	67.23	
L0005814	VOLUME	608835.214	4122973.947	67.28	
L0005815	VOLUME	608835.976	4122982.413	67.35	
L0005816	VOLUME	608836.738	4122990.879	67.39	
L0005817	VOLUME	608837.500	4122999.344	67.40	
L0005818	VOLUME	608838.262	4123007.810	67.39	
L0005819	VOLUME	608839.024	4123016.276	67.37	
L0005820	VOLUME	608839.786	4123024.742	67.38	
L0005821	VOLUME	608840.548	4123033.207	67.41	
L0005822	VOLUME	608841.310	4123041.673	67.44	
L0005823	VOLUME	608842.071	4123050.139	67.47	
L0005824	VOLUME	608842.833	4123058.605	67.41	
L0005825	VOLUME	608843.595	4123067.071	67.37	
L0005826	VOLUME	608844.357	4123075.536	67.35	
L0005827	VOLUME	608845.119	4123084.002	67.35	
L0005828	VOLUME	608845.881	4123092.468	67.39	
L0005829	VOLUME	608848.965	4123100.084	67.59	

LOCATION L0005830	VOLUME	608853.846	4123107.043	67.86
LOCATION L0005831	VOLUME	608858.728	4123114.001	67.78
LOCATION L0005832	VOLUME	608863.609	4123120.960	67.63
LOCATION L0005833	VOLUME	608868.491	4123127.919	67.57
LOCATION L0005834	VOLUME	608873.372	4123134.877	67.59
LOCATION L0005835	VOLUME	608878.253	4123141.836	67.63
LOCATION L0005836	VOLUME	608883.135	4123148.794	67.61
LOCATION L0005837	VOLUME	608888.016	4123155.753	67.66
LOCATION L0005838	VOLUME	608892.898	4123162.711	67.80
LOCATION L0005839	VOLUME	608897.779	4123169.670	68.03
LOCATION L0005840	VOLUME	608902.660	4123176.629	68.13
LOCATION L0005841	VOLUME	608907.542	4123183.587	67.85
LOCATION L0005842	VOLUME	608912.423	4123190.546	67.54
LOCATION L0005843	VOLUME	608917.305	4123197.504	67.18
LOCATION L0005844	VOLUME	608922.186	4123204.463	66.77
LOCATION L0005845	VOLUME	608927.067	4123211.422	65.79
LOCATION L0005846	VOLUME	608931.949	4123218.380	64.66
LOCATION L0005847	VOLUME	608936.830	4123225.339	63.78
LOCATION L0005848	VOLUME	608941.712	4123232.297	63.15
LOCATION L0005849	VOLUME	608946.593	4123239.256	62.83
LOCATION L0005850	VOLUME	608951.474	4123246.215	62.89
LOCATION L0005851	VOLUME	608956.356	4123253.173	63.42
LOCATION L0005852	VOLUME	608961.237	4123260.132	64.29
LOCATION L0005853	VOLUME	608966.119	4123267.090	65.52
LOCATION L0005854	VOLUME	608971.000	4123274.049	66.55
LOCATION L0005855	VOLUME	608975.881	4123281.007	67.41
LOCATION L0005856	VOLUME	608980.763	4123287.966	68.17
LOCATION L0005857	VOLUME	608985.644	4123294.925	68.86
LOCATION L0005858	VOLUME	608990.526	4123301.883	69.29
LOCATION L0005859	VOLUME	608995.407	4123308.842	69.50
LOCATION L0005860	VOLUME	609000.288	4123315.800	69.46
LOCATION L0005861	VOLUME	609005.170	4123322.759	69.38
LOCATION L0005862	VOLUME	609010.051	4123329.718	69.45
LOCATION L0005863	VOLUME	609014.932	4123336.676	69.70
LOCATION L0005864	VOLUME	609019.814	4123343.635	69.87
LOCATION L0005865	VOLUME	609024.695	4123350.593	69.91
LOCATION L0005866	VOLUME	609029.577	4123357.552	69.91
LOCATION L0005867	VOLUME	609034.458	4123364.511	69.84

\*\* End of LINE VOLUME Source ID = SLINE3

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE4

\*\* DESCRSRC Eden Park Plaza

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 3.36E-06

\*\* Vertical Dimension = 6.22

\*\* SZINIT = 2.89

\*\* Nodes = 7



\*\* 608875.898, 4123167.676, 67.44, 3.11, 3.95  
 \*\* 608784.145, 4123228.395, 66.53, 3.11, 3.95  
 \*\* 608754.460, 4123251.333, 66.40, 3.11, 3.95  
 \*\* 608647.865, 4123291.812, 66.04, 3.11, 3.95  
 \*\* 608545.317, 4123357.929, 65.36, 3.11, 3.95  
 \*\* 608510.235, 4123438.887, 65.62, 3.11, 3.95  
 \*\* 608426.672, 4123554.993, 65.70, 3.11, 3.95  
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LOCATION L0005868	VOLUME	608872.354	4123170.021	67.40
LOCATION L0005869	VOLUME	608865.266	4123174.712	67.30
LOCATION L0005870	VOLUME	608858.177	4123179.403	67.18
LOCATION L0005871	VOLUME	608851.089	4123184.094	67.08
LOCATION L0005872	VOLUME	608844.001	4123188.784	66.85
LOCATION L0005873	VOLUME	608836.912	4123193.475	66.68
LOCATION L0005874	VOLUME	608829.824	4123198.166	66.56
LOCATION L0005875	VOLUME	608822.735	4123202.857	66.53
LOCATION L0005876	VOLUME	608815.647	4123207.548	66.55
LOCATION L0005877	VOLUME	608808.558	4123212.239	66.57
LOCATION L0005878	VOLUME	608801.470	4123216.930	66.60
LOCATION L0005879	VOLUME	608794.382	4123221.621	66.54
LOCATION L0005880	VOLUME	608787.293	4123226.311	66.49
LOCATION L0005881	VOLUME	608780.406	4123231.284	66.46
LOCATION L0005882	VOLUME	608773.680	4123236.481	66.41
LOCATION L0005883	VOLUME	608766.954	4123241.678	66.36
LOCATION L0005884	VOLUME	608760.228	4123246.876	66.36
LOCATION L0005885	VOLUME	608753.329	4123251.763	66.40
LOCATION L0005886	VOLUME	608745.382	4123254.780	66.34
LOCATION L0005887	VOLUME	608737.436	4123257.798	66.23
LOCATION L0005888	VOLUME	608729.490	4123260.815	66.11
LOCATION L0005889	VOLUME	608721.543	4123263.833	66.11
LOCATION L0005890	VOLUME	608713.597	4123266.851	65.98
LOCATION L0005891	VOLUME	608705.651	4123269.868	65.79
LOCATION L0005892	VOLUME	608697.704	4123272.886	65.69
LOCATION L0005893	VOLUME	608689.758	4123275.903	65.80
LOCATION L0005894	VOLUME	608681.812	4123278.921	66.05
LOCATION L0005895	VOLUME	608673.865	4123281.939	66.22
LOCATION L0005896	VOLUME	608665.919	4123284.956	66.16
LOCATION L0005897	VOLUME	608657.973	4123287.974	66.09
LOCATION L0005898	VOLUME	608650.026	4123290.991	66.01
LOCATION L0005899	VOLUME	608642.664	4123295.165	65.86
LOCATION L0005900	VOLUME	608635.520	4123299.771	65.64
LOCATION L0005901	VOLUME	608628.376	4123304.377	65.73
LOCATION L0005902	VOLUME	608621.233	4123308.983	65.65
LOCATION L0005903	VOLUME	608614.089	4123313.589	65.57
LOCATION L0005904	VOLUME	608606.945	4123318.195	65.53
LOCATION L0005905	VOLUME	608599.801	4123322.801	65.54
LOCATION L0005906	VOLUME	608592.657	4123327.407	65.42
LOCATION L0005907	VOLUME	608585.513	4123332.013	65.25
LOCATION L0005908	VOLUME	608578.369	4123336.619	65.11
LOCATION L0005909	VOLUME	608571.225	4123341.225	65.05

LOCATION	VOLUME				
L0005910	608564.081	4123345.830	65.12		
L0005911	608556.937	4123350.436	65.32		
L0005912	608549.794	4123355.042	65.46		
L0005913	608544.055	4123360.840	65.47		
L0005914	608540.675	4123368.640	65.60		
L0005915	608537.296	4123376.439	65.76		
L0005916	608533.916	4123384.238	65.96		
L0005917	608530.536	4123392.037	65.92		
L0005918	608527.157	4123399.837	65.79		
L0005919	608523.777	4123407.636	65.54		
L0005920	608520.397	4123415.435	65.31		
L0005921	608517.018	4123423.234	65.36		
L0005922	608513.638	4123431.033	65.48		
L0005923	608510.258	4123438.833	65.66		
L0005924	608505.304	4123445.738	65.86		
L0005925	608500.339	4123452.637	65.78		
L0005926	608495.374	4123459.536	65.67		
L0005927	608490.408	4123466.435	65.68		
L0005928	608485.443	4123473.334	65.81		
L0005929	608480.478	4123480.233	65.87		
L0005930	608475.512	4123487.132	65.91		
L0005931	608470.547	4123494.031	65.86		
L0005932	608465.582	4123500.930	65.83		
L0005933	608460.617	4123507.829	65.80		
L0005934	608455.651	4123514.728	65.65		
L0005935	608450.686	4123521.627	65.67		
L0005936	608445.721	4123528.526	65.61		
L0005937	608440.755	4123535.425	65.61		
L0005938	608435.790	4123542.324	65.62		
L0005939	608430.825	4123549.223	65.66		

\*\* End of LINE VOLUME Source ID = SLINE4

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE5

\*\* DESCRSRC Rue Ferrari

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 3.53E-06

\*\* Vertical Dimension = 6.22

\*\* SZINIT = 2.89

\*\* Nodes = 6

\*\* 608819.333, 4122957.230, 67.07, 3.11, 3.95

\*\* 608711.385, 4122953.182, 63.84, 3.11, 3.95

\*\* 608376.746, 4123071.925, 63.96, 3.11, 3.95

\*\* 608326.820, 4123096.214, 63.53, 3.11, 3.95

\*\* 608255.304, 4123131.297, 63.52, 3.11, 3.95

\*\* 608213.475, 4123155.585, 63.39, 3.11, 3.95

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LOCATION L0005940	VOLUME	608815.086	4122957.071	67.01
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LOCATION	L0005941	VOLUME	608806.592	4122956.753	66.91
LOCATION	L0005942	VOLUME	608798.098	4122956.434	66.63
LOCATION	L0005943	VOLUME	608789.604	4122956.116	66.30
LOCATION	L0005944	VOLUME	608781.110	4122955.797	65.98
LOCATION	L0005945	VOLUME	608772.616	4122955.478	65.65
LOCATION	L0005946	VOLUME	608764.122	4122955.160	65.32
LOCATION	L0005947	VOLUME	608755.628	4122954.841	65.00
LOCATION	L0005948	VOLUME	608747.134	4122954.523	64.62
LOCATION	L0005949	VOLUME	608738.640	4122954.204	64.24
LOCATION	L0005950	VOLUME	608730.146	4122953.886	63.90
LOCATION	L0005951	VOLUME	608721.652	4122953.567	63.87
LOCATION	L0005952	VOLUME	608713.158	4122953.249	63.84
LOCATION	L0005953	VOLUME	608705.046	4122955.432	63.85
LOCATION	L0005954	VOLUME	608697.035	4122958.274	63.90
LOCATION	L0005955	VOLUME	608689.025	4122961.117	63.88
LOCATION	L0005956	VOLUME	608681.014	4122963.959	63.80
LOCATION	L0005957	VOLUME	608673.004	4122966.802	63.73
LOCATION	L0005958	VOLUME	608664.993	4122969.644	63.68
LOCATION	L0005959	VOLUME	608656.982	4122972.487	63.63
LOCATION	L0005960	VOLUME	608648.972	4122975.329	63.60
LOCATION	L0005961	VOLUME	608640.961	4122978.171	63.59
LOCATION	L0005962	VOLUME	608632.950	4122981.014	63.61
LOCATION	L0005963	VOLUME	608624.940	4122983.856	63.67
LOCATION	L0005964	VOLUME	608616.929	4122986.699	63.74
LOCATION	L0005965	VOLUME	608608.918	4122989.541	63.78
LOCATION	L0005966	VOLUME	608600.908	4122992.384	63.77
LOCATION	L0005967	VOLUME	608592.897	4122995.226	63.74
LOCATION	L0005968	VOLUME	608584.887	4122998.069	63.69
LOCATION	L0005969	VOLUME	608576.876	4123000.911	63.62
LOCATION	L0005970	VOLUME	608568.865	4123003.754	63.59
LOCATION	L0005971	VOLUME	608560.855	4123006.596	63.61
LOCATION	L0005972	VOLUME	608552.844	4123009.439	63.66
LOCATION	L0005973	VOLUME	608544.833	4123012.281	63.70
LOCATION	L0005974	VOLUME	608536.823	4123015.124	63.75
LOCATION	L0005975	VOLUME	608528.812	4123017.966	63.79
LOCATION	L0005976	VOLUME	608520.801	4123020.809	63.85
LOCATION	L0005977	VOLUME	608512.791	4123023.651	63.90
LOCATION	L0005978	VOLUME	608504.780	4123026.494	63.87
LOCATION	L0005979	VOLUME	608496.770	4123029.336	63.84
LOCATION	L0005980	VOLUME	608488.759	4123032.179	63.89
LOCATION	L0005981	VOLUME	608480.748	4123035.021	63.97
LOCATION	L0005982	VOLUME	608472.738	4123037.864	63.90
LOCATION	L0005983	VOLUME	608464.727	4123040.706	63.79
LOCATION	L0005984	VOLUME	608456.716	4123043.549	63.72
LOCATION	L0005985	VOLUME	608448.706	4123046.391	63.83
LOCATION	L0005986	VOLUME	608440.695	4123049.234	63.89
LOCATION	L0005987	VOLUME	608432.684	4123052.076	63.91
LOCATION	L0005988	VOLUME	608424.674	4123054.919	63.77
LOCATION	L0005989	VOLUME	608416.663	4123057.761	63.68
LOCATION	L0005990	VOLUME	608408.653	4123060.604	63.63

LOCATION	VOLUME	Source ID	Value 1	Value 2	Value 3
L0005991	608400.642	SLINE5	4123063.446	63.69	
L0005992	608392.631	SLINE5	4123066.288	63.77	
L0005993	608384.621	SLINE5	4123069.131	63.88	
L0005994	608376.616	SLINE5	4123071.988	63.93	
L0005995	608368.973	SLINE5	4123075.707	63.94	
L0005996	608361.329	SLINE5	4123079.425	63.85	
L0005997	608353.686	SLINE5	4123083.144	63.75	
L0005998	608346.042	SLINE5	4123086.862	63.68	
L0005999	608338.399	SLINE5	4123090.581	63.66	
L0006000	608330.755	SLINE5	4123094.299	63.65	
L0006001	608323.118	SLINE5	4123098.030	63.60	
L0006002	608315.486	SLINE5	4123101.773	63.54	
L0006003	608307.855	SLINE5	4123105.517	63.53	
L0006004	608300.224	SLINE5	4123109.261	63.63	
L0006005	608292.593	SLINE5	4123113.004	63.67	
L0006006	608284.962	SLINE5	4123116.748	63.67	
L0006007	608277.330	SLINE5	4123120.491	63.49	
L0006008	608269.699	SLINE5	4123124.235	63.40	
L0006009	608262.068	SLINE5	4123127.979	63.39	
L0006010	608254.469	SLINE5	4123131.782	63.51	
L0006011	608247.118	SLINE5	4123136.050	63.58	
L0006012	608239.767	SLINE5	4123140.318	63.59	
L0006013	608232.417	SLINE5	4123144.586	63.51	
L0006014	608225.066	SLINE5	4123148.854	63.37	
L0006015	608217.715	SLINE5	4123153.123	63.30	

\*\* End of LINE VOLUME Source ID = SLINE5

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE6

\*\* DESCRSRC Onsite Trucks

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 8.46E-06

\*\* Vertical Dimension = 6.22

\*\* SZINIT = 2.89

\*\* Nodes = 3

\*\* 608217.523, 4123171.777, 63.45, 3.11, 3.95

\*\* 608453.659, 4123484.826, 65.43, 3.11, 3.95

\*\* 608456.358, 4123488.875, 65.59, 3.11, 3.95

\*\*

LOCATION	VOLUME	Source ID	Value 1	Value 2	Value 3
L0006016	608220.082	SLINE6	4123175.170	63.54	
L0006017	608225.201	SLINE6	4123181.956	63.56	
L0006018	608230.319	SLINE6	4123188.742	63.55	
L0006019	608235.438	SLINE6	4123195.528	63.53	
L0006020	608240.557	SLINE6	4123202.314	63.62	
L0006021	608245.675	SLINE6	4123209.100	63.67	
L0006022	608250.794	SLINE6	4123215.886	63.67	
L0006023	608255.913	SLINE6	4123222.672	63.62	
L0006024	608261.032	SLINE6	4123229.458	63.59	

LOCATION	L0006025	VOLUME	608266.150	4123236.244	63.66
LOCATION	L0006026	VOLUME	608271.269	4123243.029	63.68
LOCATION	L0006027	VOLUME	608276.388	4123249.815	63.65
LOCATION	L0006028	VOLUME	608281.506	4123256.601	63.57
LOCATION	L0006029	VOLUME	608286.625	4123263.387	63.56
LOCATION	L0006030	VOLUME	608291.744	4123270.173	63.60
LOCATION	L0006031	VOLUME	608296.862	4123276.959	63.64
LOCATION	L0006032	VOLUME	608301.981	4123283.745	63.67
LOCATION	L0006033	VOLUME	608307.100	4123290.531	63.70
LOCATION	L0006034	VOLUME	608312.219	4123297.317	63.80
LOCATION	L0006035	VOLUME	608317.337	4123304.103	63.93
LOCATION	L0006036	VOLUME	608322.456	4123310.889	64.08
LOCATION	L0006037	VOLUME	608327.575	4123317.675	64.27
LOCATION	L0006038	VOLUME	608332.693	4123324.461	64.34
LOCATION	L0006039	VOLUME	608337.812	4123331.247	64.25
LOCATION	L0006040	VOLUME	608342.931	4123338.033	64.22
LOCATION	L0006041	VOLUME	608348.049	4123344.818	64.25
LOCATION	L0006042	VOLUME	608353.168	4123351.604	64.33
LOCATION	L0006043	VOLUME	608358.287	4123358.390	64.30
LOCATION	L0006044	VOLUME	608363.406	4123365.176	64.26
LOCATION	L0006045	VOLUME	608368.524	4123371.962	64.27
LOCATION	L0006046	VOLUME	608373.643	4123378.748	64.31
LOCATION	L0006047	VOLUME	608378.762	4123385.534	64.37
LOCATION	L0006048	VOLUME	608383.880	4123392.320	64.27
LOCATION	L0006049	VOLUME	608388.999	4123399.106	64.17
LOCATION	L0006050	VOLUME	608394.118	4123405.892	64.11
LOCATION	L0006051	VOLUME	608399.236	4123412.678	64.09
LOCATION	L0006052	VOLUME	608404.355	4123419.464	64.06
LOCATION	L0006053	VOLUME	608409.474	4123426.250	64.07
LOCATION	L0006054	VOLUME	608414.593	4123433.036	64.12
LOCATION	L0006055	VOLUME	608419.711	4123439.822	64.20
LOCATION	L0006056	VOLUME	608424.830	4123446.607	64.33
LOCATION	L0006057	VOLUME	608429.949	4123453.393	64.44
LOCATION	L0006058	VOLUME	608435.067	4123460.179	64.54
LOCATION	L0006059	VOLUME	608440.186	4123466.965	64.76
LOCATION	L0006060	VOLUME	608445.305	4123473.751	65.11
LOCATION	L0006061	VOLUME	608450.423	4123480.537	65.45
LOCATION	L0006062	VOLUME	608455.394	4123487.428	65.64

\*\* End of LINE VOLUME Source ID = SLINE6

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE7

\*\* DESCRSRC Loading

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 6.68E-07

\*\* Vertical Dimension = 6.22

\*\* SZINIT = 2.89

\*\* Nodes = 2

\*\* 608290.388, 4123223.052, 63.62, 3.11, 3.95

\*\* 608395.637, 4123359.337, 64.49, 3.11, 3.95

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LOCATION L0006063      VOLUME    608292.985 4123226.416 63.65  
LOCATION L0006064      VOLUME    608298.181 4123233.144 63.65  
LOCATION L0006065      VOLUME    608303.376 4123239.871 63.65  
LOCATION L0006066      VOLUME    608308.571 4123246.598 63.65  
LOCATION L0006067      VOLUME    608313.767 4123253.326 63.65  
LOCATION L0006068      VOLUME    608318.962 4123260.053 63.66  
LOCATION L0006069      VOLUME    608324.158 4123266.780 63.75  
LOCATION L0006070      VOLUME    608329.353 4123273.508 63.87  
LOCATION L0006071      VOLUME    608334.548 4123280.235 64.04  
LOCATION L0006072      VOLUME    608339.744 4123286.963 64.22  
LOCATION L0006073      VOLUME    608344.939 4123293.690 64.35  
LOCATION L0006074      VOLUME    608350.135 4123300.417 64.43  
LOCATION L0006075      VOLUME    608355.330 4123307.145 64.47  
LOCATION L0006076      VOLUME    608360.526 4123313.872 64.45  
LOCATION L0006077      VOLUME    608365.721 4123320.600 64.43  
LOCATION L0006078      VOLUME    608370.916 4123327.327 64.44  
LOCATION L0006079      VOLUME    608376.112 4123334.054 64.46  
LOCATION L0006080      VOLUME    608381.307 4123340.782 64.49  
LOCATION L0006081      VOLUME    608386.503 4123347.509 64.50  
LOCATION L0006082      VOLUME    608391.698 4123354.237 64.50

\*\* End of LINE VOLUME Source ID = SLINE7

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE2

SRCPARAM L0000001	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000002	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000003	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000004	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000005	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000006	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000007	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000008	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000009	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000010	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000011	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000012	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000013	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000014	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000015	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000016	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000017	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000018	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000019	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000020	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000021	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000022	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000023	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000024	0.00000007316	3.06	3.95	2.85







SRCPARAM	L0000125	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000126	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000127	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000128	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000129	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000130	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000131	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000132	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000133	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000134	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000135	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000136	0.00000007316	3.06	3.95	2.85

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\*\* LINE VOLUME Source ID = SLINE3

SRCPARAM	L0005786	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005787	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005788	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005789	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005790	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005791	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005792	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005793	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005794	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005795	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005796	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005797	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005798	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005799	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005800	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005801	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005802	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005803	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005804	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005805	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005806	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005807	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005808	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005809	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005810	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005811	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005812	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005813	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005814	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005815	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005816	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005817	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005818	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005819	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005820	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005821	0.00000007317	3.11	3.95	2.89

SRCPARAM	L0005822	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005823	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005824	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005825	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005826	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005827	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005828	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005829	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005830	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005831	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005832	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005833	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005834	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005835	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005836	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005837	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005838	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005839	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005840	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005841	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005842	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005843	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005844	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005845	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005846	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005847	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005848	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005849	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005850	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005851	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005852	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005853	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005854	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005855	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005856	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005857	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005858	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005859	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005860	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005861	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005862	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005863	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005864	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005865	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005866	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005867	0.00000007317	3.11	3.95	2.89

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 \*\* LINE VOLUME Source ID = SLINE4

SRCPARAM	L0005868	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005869	0.00000004667	3.11	3.95	2.89



SRCPARAM	L0005920	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005921	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005922	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005923	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005924	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005925	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005926	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005927	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005928	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005929	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005930	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005931	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005932	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005933	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005934	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005935	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005936	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005937	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005938	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005939	0.00000004667	3.11	3.95	2.89

\*\*

\*\* LINE VOLUME Source ID = SLINE5

SRCPARAM	L0005940	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005941	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005942	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005943	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005944	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005945	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005946	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005947	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005948	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005949	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005950	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005951	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005952	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005953	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005954	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005955	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005956	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005957	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005958	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005959	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005960	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005961	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005962	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005963	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005964	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005965	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005966	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005967	0.00000004645	3.11	3.95	2.89



SRCPARAM	L0006016	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006017	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006018	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006019	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006020	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006021	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006022	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006023	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006024	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006025	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006026	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006027	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006028	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006029	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006030	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006031	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006032	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006033	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006034	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006035	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006036	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006037	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006038	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006039	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006040	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006041	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006042	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006043	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006044	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006045	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006046	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006047	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006048	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006049	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006050	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006051	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006052	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006053	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006054	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006055	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006056	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006057	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006058	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006059	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006060	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006061	0.00000018	3.11	3.95	2.89
SRCPARAM	L0006062	0.00000018	3.11	3.95	2.89

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\*\* LINE VOLUME Source ID = SLINE7

SRCPARAM	L0006063	0.000000334	3.11	3.95	2.89
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SRCPARAM L0006064	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006065	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006066	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006067	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006068	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006069	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006070	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006071	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006072	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006073	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006074	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006075	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006076	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006077	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006078	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006079	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006080	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006081	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006082	0.0000000334	3.11	3.95	2.89

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URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING  
INCLUDED "Rue Ferrari\_Ops.rou"

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING  
SURFFILE ..\724946.SFC  
PROFFILE ..\724946.PFL  
SURFDATA 93232 2009  
UAIRDATA 23230 2009 OAKLAND/WSO\_AP  
PROFBASE 40.5 METERS

ME FINISHED

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\*\*\*\*\*

\*\* AERMOD Output Pathway

\*\*\*\*\*

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OU STARTING  
RECTABLE ALLAVE 1ST  
RECTABLE 1 1ST  
RECTABLE 24 1ST

\*\* Auto-Generated Plotfiles  
PLOTFILE 1 ALL 1ST "RUE FERRARI\_OPS.AD\01H1GALL.PLT" 31  
PLOTFILE 24 ALL 1ST "RUE FERRARI\_OPS.AD\24H1GALL.PLT" 32  
PLOTFILE PERIOD ALL "RUE FERRARI\_OPS.AD\PE00GALL.PLT" 33  
SUMMFILE "Rue Ferrari\_Ops.sum"

OU FINISHED

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\*\* Project Parameters

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\*\* PROJCTN CoordinateSystemUTM  
\*\* DESCPTN UTM: Universal Transverse Mercator  
\*\* DATUM World Geodetic System 1984  
\*\* DTMRGN Global Definition  
\*\* UNITS m  
\*\* ZONE 10  
\*\* ZONEINX 0

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.0
** Lakes Environmental Software Inc.
** Date: 8/19/2021
** File: C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari_Ops\Rue Ferrari_Ops.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari_Const\Rue Ferrari_Const
  MODELOPT DFAULT CONC
  AVERTIME 1 24 PERIOD
  URBANOPT 1928000 Santa_Clara_County
  POLLUTID PM_2.5
  RUNORNOT RUN
  ERRORFIL "Rue Ferrari_Ops.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 = SLINE2
** DESCRSRC US 101 Trucks
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 9.95E-06
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 6
** 608838.810, 4122862.927, 66.48, 3.06, 3.95
** 608785.476, 4122804.745, 66.12, 3.06, 3.95
** 608748.304, 4122793.431, 65.85, 3.06, 3.95
** 608678.809, 4122820.906, 67.74, 3.06, 3.95

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\*\* 608442.848, 4122946.967, 66.13, 3.06, 3.95

\*\* 607859.411, 4123321.919, 64.12, 3.06, 3.95

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LOCATION	L0000001	VOLUME	608835.938	4122859.794	66.42
LOCATION	L0000002	VOLUME	608830.194	4122853.528	66.35
LOCATION	L0000003	VOLUME	608824.451	4122847.262	65.82
LOCATION	L0000004	VOLUME	608818.707	4122840.996	65.34
LOCATION	L0000005	VOLUME	608812.963	4122834.730	64.90
LOCATION	L0000006	VOLUME	608807.220	4122828.465	64.51
LOCATION	L0000007	VOLUME	608801.476	4122822.199	64.56
LOCATION	L0000008	VOLUME	608795.732	4122815.933	64.85
LOCATION	L0000009	VOLUME	608789.989	4122809.667	65.33
LOCATION	L0000010	VOLUME	608783.733	4122804.214	65.97
LOCATION	L0000011	VOLUME	608775.601	4122801.739	65.90
LOCATION	L0000012	VOLUME	608767.470	4122799.264	65.53
LOCATION	L0000013	VOLUME	608759.338	4122796.789	65.26
LOCATION	L0000014	VOLUME	608751.206	4122794.315	65.92
LOCATION	L0000015	VOLUME	608743.220	4122795.441	66.78
LOCATION	L0000016	VOLUME	608735.316	4122798.566	67.41
LOCATION	L0000017	VOLUME	608727.411	4122801.691	67.69
LOCATION	L0000018	VOLUME	608719.506	4122804.816	67.64
LOCATION	L0000019	VOLUME	608711.602	4122807.942	67.47
LOCATION	L0000020	VOLUME	608703.697	4122811.067	67.48
LOCATION	L0000021	VOLUME	608695.792	4122814.192	67.78
LOCATION	L0000022	VOLUME	608687.888	4122817.317	68.20
LOCATION	L0000023	VOLUME	608679.983	4122820.442	68.55
LOCATION	L0000024	VOLUME	608672.425	4122824.317	68.70
LOCATION	L0000025	VOLUME	608664.928	4122828.322	69.01
LOCATION	L0000026	VOLUME	608657.431	4122832.327	69.33
LOCATION	L0000027	VOLUME	608649.934	4122836.333	68.78
LOCATION	L0000028	VOLUME	608642.437	4122840.338	68.46
LOCATION	L0000029	VOLUME	608634.940	4122844.343	68.38
LOCATION	L0000030	VOLUME	608627.442	4122848.349	68.35
LOCATION	L0000031	VOLUME	608619.945	4122852.354	68.50
LOCATION	L0000032	VOLUME	608612.448	4122856.359	68.85
LOCATION	L0000033	VOLUME	608604.951	4122860.365	69.02
LOCATION	L0000034	VOLUME	608597.454	4122864.370	68.56
LOCATION	L0000035	VOLUME	608589.957	4122868.375	67.97
LOCATION	L0000036	VOLUME	608582.460	4122872.381	67.53
LOCATION	L0000037	VOLUME	608574.962	4122876.386	67.46
LOCATION	L0000038	VOLUME	608567.465	4122880.391	67.68
LOCATION	L0000039	VOLUME	608559.968	4122884.397	68.17
LOCATION	L0000040	VOLUME	608552.471	4122888.402	68.12
LOCATION	L0000041	VOLUME	608544.974	4122892.407	67.96
LOCATION	L0000042	VOLUME	608537.477	4122896.413	67.33
LOCATION	L0000043	VOLUME	608529.979	4122900.418	66.88
LOCATION	L0000044	VOLUME	608522.482	4122904.423	66.80
LOCATION	L0000045	VOLUME	608514.985	4122908.428	67.04
LOCATION	L0000046	VOLUME	608507.488	4122912.434	67.36
LOCATION	L0000047	VOLUME	608499.991	4122916.439	67.21

LOCATION	L0000048	VOLUME	608492.494	4122920.444	67.09
LOCATION	L0000049	VOLUME	608484.997	4122924.450	66.75
LOCATION	L0000050	VOLUME	608477.499	4122928.455	66.38
LOCATION	L0000051	VOLUME	608470.002	4122932.460	66.26
LOCATION	L0000052	VOLUME	608462.505	4122936.466	66.38
LOCATION	L0000053	VOLUME	608455.008	4122940.471	66.39
LOCATION	L0000054	VOLUME	608447.511	4122944.476	66.27
LOCATION	L0000055	VOLUME	608440.145	4122948.705	66.17
LOCATION	L0000056	VOLUME	608432.994	4122953.300	65.98
LOCATION	L0000057	VOLUME	608425.843	4122957.896	65.59
LOCATION	L0000058	VOLUME	608418.693	4122962.491	65.42
LOCATION	L0000059	VOLUME	608411.542	4122967.087	65.48
LOCATION	L0000060	VOLUME	608404.391	4122971.682	65.40
LOCATION	L0000061	VOLUME	608397.241	4122976.278	65.30
LOCATION	L0000062	VOLUME	608390.090	4122980.873	65.23
LOCATION	L0000063	VOLUME	608382.939	4122985.468	64.99
LOCATION	L0000064	VOLUME	608375.789	4122990.064	64.76
LOCATION	L0000065	VOLUME	608368.638	4122994.659	64.68
LOCATION	L0000066	VOLUME	608361.487	4122999.255	64.75
LOCATION	L0000067	VOLUME	608354.337	4123003.850	64.67
LOCATION	L0000068	VOLUME	608347.186	4123008.446	64.63
LOCATION	L0000069	VOLUME	608340.035	4123013.041	64.63
LOCATION	L0000070	VOLUME	608332.885	4123017.636	64.48
LOCATION	L0000071	VOLUME	608325.734	4123022.232	64.37
LOCATION	L0000072	VOLUME	608318.583	4123026.827	64.33
LOCATION	L0000073	VOLUME	608311.433	4123031.423	64.35
LOCATION	L0000074	VOLUME	608304.282	4123036.018	64.33
LOCATION	L0000075	VOLUME	608297.131	4123040.614	64.36
LOCATION	L0000076	VOLUME	608289.981	4123045.209	64.38
LOCATION	L0000077	VOLUME	608282.830	4123049.805	64.33
LOCATION	L0000078	VOLUME	608275.679	4123054.400	64.26
LOCATION	L0000079	VOLUME	608268.529	4123058.995	64.23
LOCATION	L0000080	VOLUME	608261.378	4123063.591	64.25
LOCATION	L0000081	VOLUME	608254.227	4123068.186	64.27
LOCATION	L0000082	VOLUME	608247.077	4123072.782	64.32
LOCATION	L0000083	VOLUME	608239.926	4123077.377	64.29
LOCATION	L0000084	VOLUME	608232.775	4123081.973	64.27
LOCATION	L0000085	VOLUME	608225.625	4123086.568	64.26
LOCATION	L0000086	VOLUME	608218.474	4123091.163	64.28
LOCATION	L0000087	VOLUME	608211.323	4123095.759	64.35
LOCATION	L0000088	VOLUME	608204.173	4123100.354	64.35
LOCATION	L0000089	VOLUME	608197.022	4123104.950	64.33
LOCATION	L0000090	VOLUME	608189.871	4123109.545	64.31
LOCATION	L0000091	VOLUME	608182.721	4123114.141	64.34
LOCATION	L0000092	VOLUME	608175.570	4123118.736	64.36
LOCATION	L0000093	VOLUME	608168.419	4123123.332	64.41
LOCATION	L0000094	VOLUME	608161.269	4123127.927	64.47
LOCATION	L0000095	VOLUME	608154.118	4123132.522	64.45
LOCATION	L0000096	VOLUME	608146.968	4123137.118	64.35
LOCATION	L0000097	VOLUME	608139.817	4123141.713	64.33

LOCATION L000098	VOLUME	608132.666	4123146.309	64.35
LOCATION L000099	VOLUME	608125.516	4123150.904	64.37
LOCATION L000100	VOLUME	608118.365	4123155.500	64.42
LOCATION L000101	VOLUME	608111.214	4123160.095	64.48
LOCATION L000102	VOLUME	608104.064	4123164.691	64.48
LOCATION L000103	VOLUME	608096.913	4123169.286	64.41
LOCATION L000104	VOLUME	608089.762	4123173.881	64.41
LOCATION L000105	VOLUME	608082.612	4123178.477	64.40
LOCATION L000106	VOLUME	608075.461	4123183.072	64.39
LOCATION L000107	VOLUME	608068.310	4123187.668	64.41
LOCATION L000108	VOLUME	608061.160	4123192.263	64.46
LOCATION L000109	VOLUME	608054.009	4123196.859	64.41
LOCATION L000110	VOLUME	608046.858	4123201.454	64.37
LOCATION L000111	VOLUME	608039.708	4123206.049	64.39
LOCATION L000112	VOLUME	608032.557	4123210.645	64.36
LOCATION L000113	VOLUME	608025.406	4123215.240	64.33
LOCATION L000114	VOLUME	608018.256	4123219.836	64.35
LOCATION L000115	VOLUME	608011.105	4123224.431	64.40
LOCATION L000116	VOLUME	608003.954	4123229.027	64.32
LOCATION L000117	VOLUME	607996.804	4123233.622	64.28
LOCATION L000118	VOLUME	607989.653	4123238.218	64.26
LOCATION L000119	VOLUME	607982.502	4123242.813	64.23
LOCATION L000120	VOLUME	607975.352	4123247.408	64.22
LOCATION L000121	VOLUME	607968.201	4123252.004	64.25
LOCATION L000122	VOLUME	607961.050	4123256.599	64.26
LOCATION L000123	VOLUME	607953.900	4123261.195	64.21
LOCATION L000124	VOLUME	607946.749	4123265.790	64.20
LOCATION L000125	VOLUME	607939.598	4123270.386	64.21
LOCATION L000126	VOLUME	607932.448	4123274.981	64.19
LOCATION L000127	VOLUME	607925.297	4123279.576	64.18
LOCATION L000128	VOLUME	607918.146	4123284.172	64.21
LOCATION L000129	VOLUME	607910.996	4123288.767	64.17
LOCATION L000130	VOLUME	607903.845	4123293.363	64.13
LOCATION L000131	VOLUME	607896.694	4123297.958	64.11
LOCATION L000132	VOLUME	607889.544	4123302.554	64.13
LOCATION L000133	VOLUME	607882.393	4123307.149	64.12
LOCATION L000134	VOLUME	607875.242	4123311.745	64.13
LOCATION L000135	VOLUME	607868.092	4123316.340	64.15
LOCATION L000136	VOLUME	607860.941	4123320.935	64.11

\*\* End of LINE VOLUME Source ID = SLINE2

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE3

\*\* DESCRSRC Silicon Valley Blvd

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 6.0E-06

\*\* Vertical Dimension = 6.22

\*\* SZINIT = 2.89

\*\* Nodes = 4  
 \*\* 608840.816, 4122731.848, 65.92, 3.11, 3.95  
 \*\* 608834.070, 4122961.231, 67.31, 3.11, 3.95  
 \*\* 608846.214, 4123096.162, 67.61, 3.11, 3.95  
 \*\* 609036.467, 4123367.374, 70.25, 3.11, 3.95

\*\* -----

LOCATION	VOLUME				
L0005786	VOLUME	608840.691	4122736.096	65.93	
L0005787	VOLUME	608840.441	4122744.592	65.94	
L0005788	VOLUME	608840.192	4122753.088	65.98	
L0005789	VOLUME	608839.942	4122761.585	66.03	
L0005790	VOLUME	608839.692	4122770.081	66.07	
L0005791	VOLUME	608839.442	4122778.577	66.11	
L0005792	VOLUME	608839.192	4122787.074	66.16	
L0005793	VOLUME	608838.942	4122795.570	66.21	
L0005794	VOLUME	608838.692	4122804.066	66.26	
L0005795	VOLUME	608838.442	4122812.563	66.29	
L0005796	VOLUME	608838.192	4122821.059	66.31	
L0005797	VOLUME	608837.943	4122829.555	66.34	
L0005798	VOLUME	608837.693	4122838.052	66.36	
L0005799	VOLUME	608837.443	4122846.548	66.39	
L0005800	VOLUME	608837.193	4122855.044	66.41	
L0005801	VOLUME	608836.943	4122863.541	66.43	
L0005802	VOLUME	608836.693	4122872.037	66.48	
L0005803	VOLUME	608836.443	4122880.533	66.53	
L0005804	VOLUME	608836.193	4122889.030	66.59	
L0005805	VOLUME	608835.943	4122897.526	66.64	
L0005806	VOLUME	608835.694	4122906.022	66.73	
L0005807	VOLUME	608835.444	4122914.519	66.82	
L0005808	VOLUME	608835.194	4122923.015	66.90	
L0005809	VOLUME	608834.944	4122931.511	66.98	
L0005810	VOLUME	608834.694	4122940.008	67.04	
L0005811	VOLUME	608834.444	4122948.504	67.11	
L0005812	VOLUME	608834.194	4122957.000	67.17	
L0005813	VOLUME	608834.452	4122965.481	67.23	
L0005814	VOLUME	608835.214	4122973.947	67.28	
L0005815	VOLUME	608835.976	4122982.413	67.35	
L0005816	VOLUME	608836.738	4122990.879	67.39	
L0005817	VOLUME	608837.500	4122999.344	67.40	
L0005818	VOLUME	608838.262	4123007.810	67.39	
L0005819	VOLUME	608839.024	4123016.276	67.37	
L0005820	VOLUME	608839.786	4123024.742	67.38	
L0005821	VOLUME	608840.548	4123033.207	67.41	
L0005822	VOLUME	608841.310	4123041.673	67.44	
L0005823	VOLUME	608842.071	4123050.139	67.47	
L0005824	VOLUME	608842.833	4123058.605	67.41	
L0005825	VOLUME	608843.595	4123067.071	67.37	
L0005826	VOLUME	608844.357	4123075.536	67.35	
L0005827	VOLUME	608845.119	4123084.002	67.35	
L0005828	VOLUME	608845.881	4123092.468	67.39	
L0005829	VOLUME	608848.965	4123100.084	67.59	

LOCATION L0005830	VOLUME	608853.846	4123107.043	67.86
LOCATION L0005831	VOLUME	608858.728	4123114.001	67.78
LOCATION L0005832	VOLUME	608863.609	4123120.960	67.63
LOCATION L0005833	VOLUME	608868.491	4123127.919	67.57
LOCATION L0005834	VOLUME	608873.372	4123134.877	67.59
LOCATION L0005835	VOLUME	608878.253	4123141.836	67.63
LOCATION L0005836	VOLUME	608883.135	4123148.794	67.61
LOCATION L0005837	VOLUME	608888.016	4123155.753	67.66
LOCATION L0005838	VOLUME	608892.898	4123162.711	67.80
LOCATION L0005839	VOLUME	608897.779	4123169.670	68.03
LOCATION L0005840	VOLUME	608902.660	4123176.629	68.13
LOCATION L0005841	VOLUME	608907.542	4123183.587	67.85
LOCATION L0005842	VOLUME	608912.423	4123190.546	67.54
LOCATION L0005843	VOLUME	608917.305	4123197.504	67.18
LOCATION L0005844	VOLUME	608922.186	4123204.463	66.77
LOCATION L0005845	VOLUME	608927.067	4123211.422	65.79
LOCATION L0005846	VOLUME	608931.949	4123218.380	64.66
LOCATION L0005847	VOLUME	608936.830	4123225.339	63.78
LOCATION L0005848	VOLUME	608941.712	4123232.297	63.15
LOCATION L0005849	VOLUME	608946.593	4123239.256	62.83
LOCATION L0005850	VOLUME	608951.474	4123246.215	62.89
LOCATION L0005851	VOLUME	608956.356	4123253.173	63.42
LOCATION L0005852	VOLUME	608961.237	4123260.132	64.29
LOCATION L0005853	VOLUME	608966.119	4123267.090	65.52
LOCATION L0005854	VOLUME	608971.000	4123274.049	66.55
LOCATION L0005855	VOLUME	608975.881	4123281.007	67.41
LOCATION L0005856	VOLUME	608980.763	4123287.966	68.17
LOCATION L0005857	VOLUME	608985.644	4123294.925	68.86
LOCATION L0005858	VOLUME	608990.526	4123301.883	69.29
LOCATION L0005859	VOLUME	608995.407	4123308.842	69.50
LOCATION L0005860	VOLUME	609000.288	4123315.800	69.46
LOCATION L0005861	VOLUME	609005.170	4123322.759	69.38
LOCATION L0005862	VOLUME	609010.051	4123329.718	69.45
LOCATION L0005863	VOLUME	609014.932	4123336.676	69.70
LOCATION L0005864	VOLUME	609019.814	4123343.635	69.87
LOCATION L0005865	VOLUME	609024.695	4123350.593	69.91
LOCATION L0005866	VOLUME	609029.577	4123357.552	69.91
LOCATION L0005867	VOLUME	609034.458	4123364.511	69.84

\*\* End of LINE VOLUME Source ID = SLINE3

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE4

\*\* DESCRSRC Eden Park Plaza

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 3.36E-06

\*\* Vertical Dimension = 6.22

\*\* SZINIT = 2.89

\*\* Nodes = 7

\*\* 608875.898, 4123167.676, 67.44, 3.11, 3.95  
 \*\* 608784.145, 4123228.395, 66.53, 3.11, 3.95  
 \*\* 608754.460, 4123251.333, 66.40, 3.11, 3.95  
 \*\* 608647.865, 4123291.812, 66.04, 3.11, 3.95  
 \*\* 608545.317, 4123357.929, 65.36, 3.11, 3.95  
 \*\* 608510.235, 4123438.887, 65.62, 3.11, 3.95  
 \*\* 608426.672, 4123554.993, 65.70, 3.11, 3.95  
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LOCATION L0005868	VOLUME	608872.354	4123170.021	67.40
LOCATION L0005869	VOLUME	608865.266	4123174.712	67.30
LOCATION L0005870	VOLUME	608858.177	4123179.403	67.18
LOCATION L0005871	VOLUME	608851.089	4123184.094	67.08
LOCATION L0005872	VOLUME	608844.001	4123188.784	66.85
LOCATION L0005873	VOLUME	608836.912	4123193.475	66.68
LOCATION L0005874	VOLUME	608829.824	4123198.166	66.56
LOCATION L0005875	VOLUME	608822.735	4123202.857	66.53
LOCATION L0005876	VOLUME	608815.647	4123207.548	66.55
LOCATION L0005877	VOLUME	608808.558	4123212.239	66.57
LOCATION L0005878	VOLUME	608801.470	4123216.930	66.60
LOCATION L0005879	VOLUME	608794.382	4123221.621	66.54
LOCATION L0005880	VOLUME	608787.293	4123226.311	66.49
LOCATION L0005881	VOLUME	608780.406	4123231.284	66.46
LOCATION L0005882	VOLUME	608773.680	4123236.481	66.41
LOCATION L0005883	VOLUME	608766.954	4123241.678	66.36
LOCATION L0005884	VOLUME	608760.228	4123246.876	66.36
LOCATION L0005885	VOLUME	608753.329	4123251.763	66.40
LOCATION L0005886	VOLUME	608745.382	4123254.780	66.34
LOCATION L0005887	VOLUME	608737.436	4123257.798	66.23
LOCATION L0005888	VOLUME	608729.490	4123260.815	66.11
LOCATION L0005889	VOLUME	608721.543	4123263.833	66.11
LOCATION L0005890	VOLUME	608713.597	4123266.851	65.98
LOCATION L0005891	VOLUME	608705.651	4123269.868	65.79
LOCATION L0005892	VOLUME	608697.704	4123272.886	65.69
LOCATION L0005893	VOLUME	608689.758	4123275.903	65.80
LOCATION L0005894	VOLUME	608681.812	4123278.921	66.05
LOCATION L0005895	VOLUME	608673.865	4123281.939	66.22
LOCATION L0005896	VOLUME	608665.919	4123284.956	66.16
LOCATION L0005897	VOLUME	608657.973	4123287.974	66.09
LOCATION L0005898	VOLUME	608650.026	4123290.991	66.01
LOCATION L0005899	VOLUME	608642.664	4123295.165	65.86
LOCATION L0005900	VOLUME	608635.520	4123299.771	65.64
LOCATION L0005901	VOLUME	608628.376	4123304.377	65.73
LOCATION L0005902	VOLUME	608621.233	4123308.983	65.65
LOCATION L0005903	VOLUME	608614.089	4123313.589	65.57
LOCATION L0005904	VOLUME	608606.945	4123318.195	65.53
LOCATION L0005905	VOLUME	608599.801	4123322.801	65.54
LOCATION L0005906	VOLUME	608592.657	4123327.407	65.42
LOCATION L0005907	VOLUME	608585.513	4123332.013	65.25
LOCATION L0005908	VOLUME	608578.369	4123336.619	65.11
LOCATION L0005909	VOLUME	608571.225	4123341.225	65.05

LOCATION	VOLUME				
L0005910	608564.081	4123345.830	65.12		
L0005911	608556.937	4123350.436	65.32		
L0005912	608549.794	4123355.042	65.46		
L0005913	608544.055	4123360.840	65.47		
L0005914	608540.675	4123368.640	65.60		
L0005915	608537.296	4123376.439	65.76		
L0005916	608533.916	4123384.238	65.96		
L0005917	608530.536	4123392.037	65.92		
L0005918	608527.157	4123399.837	65.79		
L0005919	608523.777	4123407.636	65.54		
L0005920	608520.397	4123415.435	65.31		
L0005921	608517.018	4123423.234	65.36		
L0005922	608513.638	4123431.033	65.48		
L0005923	608510.258	4123438.833	65.66		
L0005924	608505.304	4123445.738	65.86		
L0005925	608500.339	4123452.637	65.78		
L0005926	608495.374	4123459.536	65.67		
L0005927	608490.408	4123466.435	65.68		
L0005928	608485.443	4123473.334	65.81		
L0005929	608480.478	4123480.233	65.87		
L0005930	608475.512	4123487.132	65.91		
L0005931	608470.547	4123494.031	65.86		
L0005932	608465.582	4123500.930	65.83		
L0005933	608460.617	4123507.829	65.80		
L0005934	608455.651	4123514.728	65.65		
L0005935	608450.686	4123521.627	65.67		
L0005936	608445.721	4123528.526	65.61		
L0005937	608440.755	4123535.425	65.61		
L0005938	608435.790	4123542.324	65.62		
L0005939	608430.825	4123549.223	65.66		

\*\* End of LINE VOLUME Source ID = SLINE4

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE5

\*\* DESCRSRC Rue Ferrari

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 3.53E-06

\*\* Vertical Dimension = 6.22

\*\* SZINIT = 2.89

\*\* Nodes = 6

\*\* 608819.333, 4122957.230, 67.07, 3.11, 3.95

\*\* 608711.385, 4122953.182, 63.84, 3.11, 3.95

\*\* 608376.746, 4123071.925, 63.96, 3.11, 3.95

\*\* 608326.820, 4123096.214, 63.53, 3.11, 3.95

\*\* 608255.304, 4123131.297, 63.52, 3.11, 3.95

\*\* 608213.475, 4123155.585, 63.39, 3.11, 3.95

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LOCATION	VOLUME				
L0005940	608815.086	4122957.071	67.01		



LOCATION	L0005941	VOLUME	608806.592	4122956.753	66.91
LOCATION	L0005942	VOLUME	608798.098	4122956.434	66.63
LOCATION	L0005943	VOLUME	608789.604	4122956.116	66.30
LOCATION	L0005944	VOLUME	608781.110	4122955.797	65.98
LOCATION	L0005945	VOLUME	608772.616	4122955.478	65.65
LOCATION	L0005946	VOLUME	608764.122	4122955.160	65.32
LOCATION	L0005947	VOLUME	608755.628	4122954.841	65.00
LOCATION	L0005948	VOLUME	608747.134	4122954.523	64.62
LOCATION	L0005949	VOLUME	608738.640	4122954.204	64.24
LOCATION	L0005950	VOLUME	608730.146	4122953.886	63.90
LOCATION	L0005951	VOLUME	608721.652	4122953.567	63.87
LOCATION	L0005952	VOLUME	608713.158	4122953.249	63.84
LOCATION	L0005953	VOLUME	608705.046	4122955.432	63.85
LOCATION	L0005954	VOLUME	608697.035	4122958.274	63.90
LOCATION	L0005955	VOLUME	608689.025	4122961.117	63.88
LOCATION	L0005956	VOLUME	608681.014	4122963.959	63.80
LOCATION	L0005957	VOLUME	608673.004	4122966.802	63.73
LOCATION	L0005958	VOLUME	608664.993	4122969.644	63.68
LOCATION	L0005959	VOLUME	608656.982	4122972.487	63.63
LOCATION	L0005960	VOLUME	608648.972	4122975.329	63.60
LOCATION	L0005961	VOLUME	608640.961	4122978.171	63.59
LOCATION	L0005962	VOLUME	608632.950	4122981.014	63.61
LOCATION	L0005963	VOLUME	608624.940	4122983.856	63.67
LOCATION	L0005964	VOLUME	608616.929	4122986.699	63.74
LOCATION	L0005965	VOLUME	608608.918	4122989.541	63.78
LOCATION	L0005966	VOLUME	608600.908	4122992.384	63.77
LOCATION	L0005967	VOLUME	608592.897	4122995.226	63.74
LOCATION	L0005968	VOLUME	608584.887	4122998.069	63.69
LOCATION	L0005969	VOLUME	608576.876	4123000.911	63.62
LOCATION	L0005970	VOLUME	608568.865	4123003.754	63.59
LOCATION	L0005971	VOLUME	608560.855	4123006.596	63.61
LOCATION	L0005972	VOLUME	608552.844	4123009.439	63.66
LOCATION	L0005973	VOLUME	608544.833	4123012.281	63.70
LOCATION	L0005974	VOLUME	608536.823	4123015.124	63.75
LOCATION	L0005975	VOLUME	608528.812	4123017.966	63.79
LOCATION	L0005976	VOLUME	608520.801	4123020.809	63.85
LOCATION	L0005977	VOLUME	608512.791	4123023.651	63.90
LOCATION	L0005978	VOLUME	608504.780	4123026.494	63.87
LOCATION	L0005979	VOLUME	608496.770	4123029.336	63.84
LOCATION	L0005980	VOLUME	608488.759	4123032.179	63.89
LOCATION	L0005981	VOLUME	608480.748	4123035.021	63.97
LOCATION	L0005982	VOLUME	608472.738	4123037.864	63.90
LOCATION	L0005983	VOLUME	608464.727	4123040.706	63.79
LOCATION	L0005984	VOLUME	608456.716	4123043.549	63.72
LOCATION	L0005985	VOLUME	608448.706	4123046.391	63.83
LOCATION	L0005986	VOLUME	608440.695	4123049.234	63.89
LOCATION	L0005987	VOLUME	608432.684	4123052.076	63.91
LOCATION	L0005988	VOLUME	608424.674	4123054.919	63.77
LOCATION	L0005989	VOLUME	608416.663	4123057.761	63.68
LOCATION	L0005990	VOLUME	608408.653	4123060.604	63.63

LOCATION	VOLUME	Source ID	Value 1	Value 2	Value 3
L0005991	608400.642	SLINE5	4123063.446	63.69	
L0005992	608392.631	SLINE5	4123066.288	63.77	
L0005993	608384.621	SLINE5	4123069.131	63.88	
L0005994	608376.616	SLINE5	4123071.988	63.93	
L0005995	608368.973	SLINE5	4123075.707	63.94	
L0005996	608361.329	SLINE5	4123079.425	63.85	
L0005997	608353.686	SLINE5	4123083.144	63.75	
L0005998	608346.042	SLINE5	4123086.862	63.68	
L0005999	608338.399	SLINE5	4123090.581	63.66	
L0006000	608330.755	SLINE5	4123094.299	63.65	
L0006001	608323.118	SLINE5	4123098.030	63.60	
L0006002	608315.486	SLINE5	4123101.773	63.54	
L0006003	608307.855	SLINE5	4123105.517	63.53	
L0006004	608300.224	SLINE5	4123109.261	63.63	
L0006005	608292.593	SLINE5	4123113.004	63.67	
L0006006	608284.962	SLINE5	4123116.748	63.67	
L0006007	608277.330	SLINE5	4123120.491	63.49	
L0006008	608269.699	SLINE5	4123124.235	63.40	
L0006009	608262.068	SLINE5	4123127.979	63.39	
L0006010	608254.469	SLINE5	4123131.782	63.51	
L0006011	608247.118	SLINE5	4123136.050	63.58	
L0006012	608239.767	SLINE5	4123140.318	63.59	
L0006013	608232.417	SLINE5	4123144.586	63.51	
L0006014	608225.066	SLINE5	4123148.854	63.37	
L0006015	608217.715	SLINE5	4123153.123	63.30	

\*\* End of LINE VOLUME Source ID = SLINE5

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE6

\*\* DESCRSRC Onsite Trucks

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 8.46E-06

\*\* Vertical Dimension = 6.22

\*\* SZINIT = 2.89

\*\* Nodes = 3

\*\* 608217.523, 4123171.777, 63.45, 3.11, 3.95

\*\* 608453.659, 4123484.826, 65.43, 3.11, 3.95

\*\* 608456.358, 4123488.875, 65.59, 3.11, 3.95

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LOCATION	VOLUME	Source ID	Value 1	Value 2	Value 3
L0006016	608220.082	SLINE6	4123175.170	63.54	
L0006017	608225.201	SLINE6	4123181.956	63.56	
L0006018	608230.319	SLINE6	4123188.742	63.55	
L0006019	608235.438	SLINE6	4123195.528	63.53	
L0006020	608240.557	SLINE6	4123202.314	63.62	
L0006021	608245.675	SLINE6	4123209.100	63.67	
L0006022	608250.794	SLINE6	4123215.886	63.67	
L0006023	608255.913	SLINE6	4123222.672	63.62	
L0006024	608261.032	SLINE6	4123229.458	63.59	

LOCATION L0006025	VOLUME	608266.150	4123236.244	63.66
LOCATION L0006026	VOLUME	608271.269	4123243.029	63.68
LOCATION L0006027	VOLUME	608276.388	4123249.815	63.65
LOCATION L0006028	VOLUME	608281.506	4123256.601	63.57
LOCATION L0006029	VOLUME	608286.625	4123263.387	63.56
LOCATION L0006030	VOLUME	608291.744	4123270.173	63.60
LOCATION L0006031	VOLUME	608296.862	4123276.959	63.64
LOCATION L0006032	VOLUME	608301.981	4123283.745	63.67
LOCATION L0006033	VOLUME	608307.100	4123290.531	63.70
LOCATION L0006034	VOLUME	608312.219	4123297.317	63.80
LOCATION L0006035	VOLUME	608317.337	4123304.103	63.93
LOCATION L0006036	VOLUME	608322.456	4123310.889	64.08
LOCATION L0006037	VOLUME	608327.575	4123317.675	64.27
LOCATION L0006038	VOLUME	608332.693	4123324.461	64.34
LOCATION L0006039	VOLUME	608337.812	4123331.247	64.25
LOCATION L0006040	VOLUME	608342.931	4123338.033	64.22
LOCATION L0006041	VOLUME	608348.049	4123344.818	64.25
LOCATION L0006042	VOLUME	608353.168	4123351.604	64.33
LOCATION L0006043	VOLUME	608358.287	4123358.390	64.30
LOCATION L0006044	VOLUME	608363.406	4123365.176	64.26
LOCATION L0006045	VOLUME	608368.524	4123371.962	64.27
LOCATION L0006046	VOLUME	608373.643	4123378.748	64.31
LOCATION L0006047	VOLUME	608378.762	4123385.534	64.37
LOCATION L0006048	VOLUME	608383.880	4123392.320	64.27
LOCATION L0006049	VOLUME	608388.999	4123399.106	64.17
LOCATION L0006050	VOLUME	608394.118	4123405.892	64.11
LOCATION L0006051	VOLUME	608399.236	4123412.678	64.09
LOCATION L0006052	VOLUME	608404.355	4123419.464	64.06
LOCATION L0006053	VOLUME	608409.474	4123426.250	64.07
LOCATION L0006054	VOLUME	608414.593	4123433.036	64.12
LOCATION L0006055	VOLUME	608419.711	4123439.822	64.20
LOCATION L0006056	VOLUME	608424.830	4123446.607	64.33
LOCATION L0006057	VOLUME	608429.949	4123453.393	64.44
LOCATION L0006058	VOLUME	608435.067	4123460.179	64.54
LOCATION L0006059	VOLUME	608440.186	4123466.965	64.76
LOCATION L0006060	VOLUME	608445.305	4123473.751	65.11
LOCATION L0006061	VOLUME	608450.423	4123480.537	65.45
LOCATION L0006062	VOLUME	608455.394	4123487.428	65.64

\*\* End of LINE VOLUME Source ID = SLINE6

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE7

\*\* DESCRSRC Loading

\*\* PREFIX

\*\* Length of Side = 8.50

\*\* Configuration = Adjacent

\*\* Emission Rate = 6.68E-07

\*\* Vertical Dimension = 6.22

\*\* SZINIT = 2.89

\*\* Nodes = 2

\*\* 608290.388, 4123223.052, 63.62, 3.11, 3.95

\*\* 608395.637, 4123359.337, 64.49, 3.11, 3.95

\*\*

-----  
LOCATION L0006063        VOLUME    608292.985 4123226.416 63.65  
LOCATION L0006064        VOLUME    608298.181 4123233.144 63.65  
LOCATION L0006065        VOLUME    608303.376 4123239.871 63.65  
LOCATION L0006066        VOLUME    608308.571 4123246.598 63.65  
LOCATION L0006067        VOLUME    608313.767 4123253.326 63.65  
LOCATION L0006068        VOLUME    608318.962 4123260.053 63.66  
LOCATION L0006069        VOLUME    608324.158 4123266.780 63.75  
LOCATION L0006070        VOLUME    608329.353 4123273.508 63.87  
LOCATION L0006071        VOLUME    608334.548 4123280.235 64.04  
LOCATION L0006072        VOLUME    608339.744 4123286.963 64.22  
LOCATION L0006073        VOLUME    608344.939 4123293.690 64.35  
LOCATION L0006074        VOLUME    608350.135 4123300.417 64.43  
LOCATION L0006075        VOLUME    608355.330 4123307.145 64.47  
LOCATION L0006076        VOLUME    608360.526 4123313.872 64.45  
LOCATION L0006077        VOLUME    608365.721 4123320.600 64.43  
LOCATION L0006078        VOLUME    608370.916 4123327.327 64.44  
LOCATION L0006079        VOLUME    608376.112 4123334.054 64.46  
LOCATION L0006080        VOLUME    608381.307 4123340.782 64.49  
LOCATION L0006081        VOLUME    608386.503 4123347.509 64.50  
LOCATION L0006082        VOLUME    608391.698 4123354.237 64.50

\*\* End of LINE VOLUME Source ID = SLINE7

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE2

SRCPARAM L0000001	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000002	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000003	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000004	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000005	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000006	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000007	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000008	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000009	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000010	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000011	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000012	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000013	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000014	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000015	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000016	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000017	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000018	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000019	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000020	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000021	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000022	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000023	0.00000007316	3.06	3.95	2.85
SRCPARAM L0000024	0.00000007316	3.06	3.95	2.85





SRCPARAM	L0000125	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000126	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000127	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000128	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000129	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000130	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000131	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000132	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000133	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000134	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000135	0.00000007316	3.06	3.95	2.85
SRCPARAM	L0000136	0.00000007316	3.06	3.95	2.85

\*\*

\*\* LINE VOLUME Source ID = SLINE3

SRCPARAM	L0005786	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005787	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005788	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005789	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005790	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005791	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005792	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005793	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005794	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005795	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005796	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005797	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005798	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005799	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005800	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005801	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005802	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005803	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005804	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005805	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005806	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005807	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005808	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005809	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005810	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005811	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005812	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005813	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005814	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005815	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005816	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005817	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005818	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005819	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005820	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005821	0.00000007317	3.11	3.95	2.89

SRCPARAM	L0005822	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005823	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005824	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005825	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005826	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005827	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005828	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005829	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005830	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005831	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005832	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005833	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005834	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005835	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005836	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005837	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005838	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005839	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005840	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005841	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005842	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005843	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005844	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005845	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005846	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005847	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005848	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005849	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005850	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005851	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005852	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005853	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005854	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005855	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005856	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005857	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005858	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005859	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005860	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005861	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005862	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005863	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005864	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005865	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005866	0.00000007317	3.11	3.95	2.89
SRCPARAM	L0005867	0.00000007317	3.11	3.95	2.89

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 \*\* LINE VOLUME Source ID = SLINE4

SRCPARAM	L0005868	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005869	0.00000004667	3.11	3.95	2.89





SRCPARAM	L0005920	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005921	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005922	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005923	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005924	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005925	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005926	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005927	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005928	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005929	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005930	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005931	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005932	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005933	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005934	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005935	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005936	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005937	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005938	0.00000004667	3.11	3.95	2.89
SRCPARAM	L0005939	0.00000004667	3.11	3.95	2.89

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\*\* LINE VOLUME Source ID = SLINE5

SRCPARAM	L0005940	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005941	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005942	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005943	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005944	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005945	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005946	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005947	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005948	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005949	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005950	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005951	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005952	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005953	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005954	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005955	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005956	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005957	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005958	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005959	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005960	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005961	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005962	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005963	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005964	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005965	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005966	0.00000004645	3.11	3.95	2.89
SRCPARAM	L0005967	0.00000004645	3.11	3.95	2.89



SRCPARAM L0006016	0.00000018	3.11	3.95	2.89
SRCPARAM L0006017	0.00000018	3.11	3.95	2.89
SRCPARAM L0006018	0.00000018	3.11	3.95	2.89
SRCPARAM L0006019	0.00000018	3.11	3.95	2.89
SRCPARAM L0006020	0.00000018	3.11	3.95	2.89
SRCPARAM L0006021	0.00000018	3.11	3.95	2.89
SRCPARAM L0006022	0.00000018	3.11	3.95	2.89
SRCPARAM L0006023	0.00000018	3.11	3.95	2.89
SRCPARAM L0006024	0.00000018	3.11	3.95	2.89
SRCPARAM L0006025	0.00000018	3.11	3.95	2.89
SRCPARAM L0006026	0.00000018	3.11	3.95	2.89
SRCPARAM L0006027	0.00000018	3.11	3.95	2.89
SRCPARAM L0006028	0.00000018	3.11	3.95	2.89
SRCPARAM L0006029	0.00000018	3.11	3.95	2.89
SRCPARAM L0006030	0.00000018	3.11	3.95	2.89
SRCPARAM L0006031	0.00000018	3.11	3.95	2.89
SRCPARAM L0006032	0.00000018	3.11	3.95	2.89
SRCPARAM L0006033	0.00000018	3.11	3.95	2.89
SRCPARAM L0006034	0.00000018	3.11	3.95	2.89
SRCPARAM L0006035	0.00000018	3.11	3.95	2.89
SRCPARAM L0006036	0.00000018	3.11	3.95	2.89
SRCPARAM L0006037	0.00000018	3.11	3.95	2.89
SRCPARAM L0006038	0.00000018	3.11	3.95	2.89
SRCPARAM L0006039	0.00000018	3.11	3.95	2.89
SRCPARAM L0006040	0.00000018	3.11	3.95	2.89
SRCPARAM L0006041	0.00000018	3.11	3.95	2.89
SRCPARAM L0006042	0.00000018	3.11	3.95	2.89
SRCPARAM L0006043	0.00000018	3.11	3.95	2.89
SRCPARAM L0006044	0.00000018	3.11	3.95	2.89
SRCPARAM L0006045	0.00000018	3.11	3.95	2.89
SRCPARAM L0006046	0.00000018	3.11	3.95	2.89
SRCPARAM L0006047	0.00000018	3.11	3.95	2.89
SRCPARAM L0006048	0.00000018	3.11	3.95	2.89
SRCPARAM L0006049	0.00000018	3.11	3.95	2.89
SRCPARAM L0006050	0.00000018	3.11	3.95	2.89
SRCPARAM L0006051	0.00000018	3.11	3.95	2.89
SRCPARAM L0006052	0.00000018	3.11	3.95	2.89
SRCPARAM L0006053	0.00000018	3.11	3.95	2.89
SRCPARAM L0006054	0.00000018	3.11	3.95	2.89
SRCPARAM L0006055	0.00000018	3.11	3.95	2.89
SRCPARAM L0006056	0.00000018	3.11	3.95	2.89
SRCPARAM L0006057	0.00000018	3.11	3.95	2.89
SRCPARAM L0006058	0.00000018	3.11	3.95	2.89
SRCPARAM L0006059	0.00000018	3.11	3.95	2.89
SRCPARAM L0006060	0.00000018	3.11	3.95	2.89
SRCPARAM L0006061	0.00000018	3.11	3.95	2.89
SRCPARAM L0006062	0.00000018	3.11	3.95	2.89

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\*\* LINE VOLUME Source ID = SLINE7

SRCPARAM L0006063	0.000000334	3.11	3.95	2.89
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SRCPARAM L0006064	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006065	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006066	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006067	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006068	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006069	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006070	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006071	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006072	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006073	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006074	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006075	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006076	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006077	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006078	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006079	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006080	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006081	0.0000000334	3.11	3.95	2.89
SRCPARAM L0006082	0.0000000334	3.11	3.95	2.89

\*\* -----

URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

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\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED "Rue Ferrari\_Ops.rou"

RE FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE ..\724946.SFC

PROFFILE ..\724946.PFL

SURFDATA 93232 2009

UAIRDATA 23230 2009 OAKLAND/WSO\_AP

PROFBASE 40.5 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Output Pathway

\*\*\*\*\*

\*\*

\*\*

OU STARTING  
RECTABLE ALLAVE 1ST  
RECTABLE 1 1ST  
RECTABLE 24 1ST

\*\* Auto-Generated Plotfiles  
PLOTFILE 1 ALL 1ST "RUE FERRARI\_OPS.AD\01H1GALL.PLT" 31  
PLOTFILE 24 ALL 1ST "RUE FERRARI\_OPS.AD\24H1GALL.PLT" 32  
PLOTFILE PERIOD ALL "RUE FERRARI\_OPS.AD\PE00GALL.PLT" 33  
SUMMFILE "Rue Ferrari\_Ops.sum"

OU FINISHED

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

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/19/21  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:53:04

PAGE 1  
\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* MODEL SETUP OPTIONS SUMMARY

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

-- DEPOSITION LOGIC --

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

\*\*Model Uses URBAN Dispersion Algorithm for the SBL for 433 Source(s),  
for Total of 1 Urban Area(s):  
Urban Population = 1928000.0 ; Urban Roughness Length = 1.000 m

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

\*\*Other Options Specified:

CCVR\_Sub - Meteorological data includes CCVR substitutions  
TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Assumes No FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: PM<sub>2.5</sub>

\*\*Model Calculates 2 Short Term Average(s) of: 1-HR 24-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 433 Source(s); 1 Source Group(s); and 157  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 433 VOLUME source(s)  
and: 0 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

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

\*\*The AERMET Input Meteorological Data Version Date: 14134

\*\*Output Options Selected:

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

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

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 40.50 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.7 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File: Rue Ferrari\_Ops.err

\*\*File for Summary of Results: Rue Ferrari\_Ops.sum

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/19/21  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.
SOURCE		EMISSION	RATE			ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY	X	Y	(METERS)	(METERS)	(METERS)
ID		CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0000001		0	0.73160E-07	608835.9	4122859.8	66.4	3.06	3.95
2.85	YES							
L0000002		0	0.73160E-07	608830.2	4122853.5	66.3	3.06	3.95
2.85	YES							
L0000003		0	0.73160E-07	608824.5	4122847.3	65.8	3.06	3.95
2.85	YES							
L0000004		0	0.73160E-07	608818.7	4122841.0	65.3	3.06	3.95
2.85	YES							
L0000005		0	0.73160E-07	608813.0	4122834.7	64.9	3.06	3.95
2.85	YES							
L0000006		0	0.73160E-07	608807.2	4122828.5	64.5	3.06	3.95
2.85	YES							
L0000007		0	0.73160E-07	608801.5	4122822.2	64.6	3.06	3.95
2.85	YES							
L0000008		0	0.73160E-07	608795.7	4122815.9	64.8	3.06	3.95
2.85	YES							
L0000009		0	0.73160E-07	608790.0	4122809.7	65.3	3.06	3.95
2.85	YES							
L0000010		0	0.73160E-07	608783.7	4122804.2	66.0	3.06	3.95
2.85	YES							
L0000011		0	0.73160E-07	608775.6	4122801.7	65.9	3.06	3.95



2.85	YES							
L0000012		0	0.73160E-07	608767.5	4122799.3	65.5	3.06	3.95
2.85	YES							
L0000013		0	0.73160E-07	608759.3	4122796.8	65.3	3.06	3.95
2.85	YES							
L0000014		0	0.73160E-07	608751.2	4122794.3	65.9	3.06	3.95
2.85	YES							
L0000015		0	0.73160E-07	608743.2	4122795.4	66.8	3.06	3.95
2.85	YES							
L0000016		0	0.73160E-07	608735.3	4122798.6	67.4	3.06	3.95
2.85	YES							
L0000017		0	0.73160E-07	608727.4	4122801.7	67.7	3.06	3.95
2.85	YES							
L0000018		0	0.73160E-07	608719.5	4122804.8	67.6	3.06	3.95
2.85	YES							
L0000019		0	0.73160E-07	608711.6	4122807.9	67.5	3.06	3.95
2.85	YES							
L0000020		0	0.73160E-07	608703.7	4122811.1	67.5	3.06	3.95
2.85	YES							
L0000021		0	0.73160E-07	608695.8	4122814.2	67.8	3.06	3.95
2.85	YES							
L0000022		0	0.73160E-07	608687.9	4122817.3	68.2	3.06	3.95
2.85	YES							
L0000023		0	0.73160E-07	608680.0	4122820.4	68.5	3.06	3.95
2.85	YES							
L0000024		0	0.73160E-07	608672.4	4122824.3	68.7	3.06	3.95
2.85	YES							
L0000025		0	0.73160E-07	608664.9	4122828.3	69.0	3.06	3.95
2.85	YES							
L0000026		0	0.73160E-07	608657.4	4122832.3	69.3	3.06	3.95
2.85	YES							
L0000027		0	0.73160E-07	608649.9	4122836.3	68.8	3.06	3.95
2.85	YES							
L0000028		0	0.73160E-07	608642.4	4122840.3	68.5	3.06	3.95
2.85	YES							
L0000029		0	0.73160E-07	608634.9	4122844.3	68.4	3.06	3.95
2.85	YES							
L0000030		0	0.73160E-07	608627.4	4122848.3	68.3	3.06	3.95
2.85	YES							
L0000031		0	0.73160E-07	608619.9	4122852.4	68.5	3.06	3.95
2.85	YES							
L0000032		0	0.73160E-07	608612.4	4122856.4	68.8	3.06	3.95
2.85	YES							
L0000033		0	0.73160E-07	608605.0	4122860.4	69.0	3.06	3.95
2.85	YES							
L0000034		0	0.73160E-07	608597.5	4122864.4	68.6	3.06	3.95
2.85	YES							
L0000035		0	0.73160E-07	608590.0	4122868.4	68.0	3.06	3.95
2.85	YES							
L0000036		0	0.73160E-07	608582.5	4122872.4	67.5	3.06	3.95

2.85 YES  
 L0000037 0 0.73160E-07 608575.0 4122876.4 67.5 3.06 3.95  
 2.85 YES  
 L0000038 0 0.73160E-07 608567.5 4122880.4 67.7 3.06 3.95  
 2.85 YES  
 L0000039 0 0.73160E-07 608560.0 4122884.4 68.2 3.06 3.95  
 2.85 YES  
 L0000040 0 0.73160E-07 608552.5 4122888.4 68.1 3.06 3.95  
 2.85 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

-----  
 L0000041 0 0.73160E-07 608545.0 4122892.4 68.0 3.06 3.95  
 2.85 YES  
 L0000042 0 0.73160E-07 608537.5 4122896.4 67.3 3.06 3.95  
 2.85 YES  
 L0000043 0 0.73160E-07 608530.0 4122900.4 66.9 3.06 3.95  
 2.85 YES  
 L0000044 0 0.73160E-07 608522.5 4122904.4 66.8 3.06 3.95  
 2.85 YES  
 L0000045 0 0.73160E-07 608515.0 4122908.4 67.0 3.06 3.95  
 2.85 YES  
 L0000046 0 0.73160E-07 608507.5 4122912.4 67.4 3.06 3.95  
 2.85 YES  
 L0000047 0 0.73160E-07 608500.0 4122916.4 67.2 3.06 3.95  
 2.85 YES  
 L0000048 0 0.73160E-07 608492.5 4122920.4 67.1 3.06 3.95  
 2.85 YES  
 L0000049 0 0.73160E-07 608485.0 4122924.4 66.8 3.06 3.95  
 2.85 YES  
 L0000050 0 0.73160E-07 608477.5 4122928.5 66.4 3.06 3.95  
 2.85 YES  
 L0000051 0 0.73160E-07 608470.0 4122932.5 66.3 3.06 3.95

2.85	YES							
L0000052		0	0.73160E-07	608462.5	4122936.5	66.4	3.06	3.95
2.85	YES							
L0000053		0	0.73160E-07	608455.0	4122940.5	66.4	3.06	3.95
2.85	YES							
L0000054		0	0.73160E-07	608447.5	4122944.5	66.3	3.06	3.95
2.85	YES							
L0000055		0	0.73160E-07	608440.1	4122948.7	66.2	3.06	3.95
2.85	YES							
L0000056		0	0.73160E-07	608433.0	4122953.3	66.0	3.06	3.95
2.85	YES							
L0000057		0	0.73160E-07	608425.8	4122957.9	65.6	3.06	3.95
2.85	YES							
L0000058		0	0.73160E-07	608418.7	4122962.5	65.4	3.06	3.95
2.85	YES							
L0000059		0	0.73160E-07	608411.5	4122967.1	65.5	3.06	3.95
2.85	YES							
L0000060		0	0.73160E-07	608404.4	4122971.7	65.4	3.06	3.95
2.85	YES							
L0000061		0	0.73160E-07	608397.2	4122976.3	65.3	3.06	3.95
2.85	YES							
L0000062		0	0.73160E-07	608390.1	4122980.9	65.2	3.06	3.95
2.85	YES							
L0000063		0	0.73160E-07	608382.9	4122985.5	65.0	3.06	3.95
2.85	YES							
L0000064		0	0.73160E-07	608375.8	4122990.1	64.8	3.06	3.95
2.85	YES							
L0000065		0	0.73160E-07	608368.6	4122994.7	64.7	3.06	3.95
2.85	YES							
L0000066		0	0.73160E-07	608361.5	4122999.3	64.8	3.06	3.95
2.85	YES							
L0000067		0	0.73160E-07	608354.3	4123003.8	64.7	3.06	3.95
2.85	YES							
L0000068		0	0.73160E-07	608347.2	4123008.4	64.6	3.06	3.95
2.85	YES							
L0000069		0	0.73160E-07	608340.0	4123013.0	64.6	3.06	3.95
2.85	YES							
L0000070		0	0.73160E-07	608332.9	4123017.6	64.5	3.06	3.95
2.85	YES							
L0000071		0	0.73160E-07	608325.7	4123022.2	64.4	3.06	3.95
2.85	YES							
L0000072		0	0.73160E-07	608318.6	4123026.8	64.3	3.06	3.95
2.85	YES							
L0000073		0	0.73160E-07	608311.4	4123031.4	64.3	3.06	3.95
2.85	YES							
L0000074		0	0.73160E-07	608304.3	4123036.0	64.3	3.06	3.95
2.85	YES							
L0000075		0	0.73160E-07	608297.1	4123040.6	64.4	3.06	3.95
2.85	YES							
L0000076		0	0.73160E-07	608290.0	4123045.2	64.4	3.06	3.95

2.85	YES							
L0000077		0	0.73160E-07	608282.8	4123049.8	64.3	3.06	3.95
2.85	YES							
L0000078		0	0.73160E-07	608275.7	4123054.4	64.3	3.06	3.95
2.85	YES							
L0000079		0	0.73160E-07	608268.5	4123059.0	64.2	3.06	3.95
2.85	YES							
L0000080		0	0.73160E-07	608261.4	4123063.6	64.2	3.06	3.95

2.85 YES  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

L0000081		0	0.73160E-07	608254.2	4123068.2	64.3	3.06	3.95
2.85	YES							
L0000082		0	0.73160E-07	608247.1	4123072.8	64.3	3.06	3.95
2.85	YES							
L0000083		0	0.73160E-07	608239.9	4123077.4	64.3	3.06	3.95
2.85	YES							
L0000084		0	0.73160E-07	608232.8	4123082.0	64.3	3.06	3.95
2.85	YES							
L0000085		0	0.73160E-07	608225.6	4123086.6	64.3	3.06	3.95
2.85	YES							
L0000086		0	0.73160E-07	608218.5	4123091.2	64.3	3.06	3.95
2.85	YES							
L0000087		0	0.73160E-07	608211.3	4123095.8	64.3	3.06	3.95
2.85	YES							
L0000088		0	0.73160E-07	608204.2	4123100.4	64.3	3.06	3.95
2.85	YES							
L0000089		0	0.73160E-07	608197.0	4123104.9	64.3	3.06	3.95
2.85	YES							
L0000090		0	0.73160E-07	608189.9	4123109.5	64.3	3.06	3.95
2.85	YES							
L0000091		0	0.73160E-07	608182.7	4123114.1	64.3	3.06	3.95

2.85	YES							
L0000092		0	0.73160E-07	608175.6	4123118.7	64.4	3.06	3.95
2.85	YES							
L0000093		0	0.73160E-07	608168.4	4123123.3	64.4	3.06	3.95
2.85	YES							
L0000094		0	0.73160E-07	608161.3	4123127.9	64.5	3.06	3.95
2.85	YES							
L0000095		0	0.73160E-07	608154.1	4123132.5	64.5	3.06	3.95
2.85	YES							
L0000096		0	0.73160E-07	608147.0	4123137.1	64.3	3.06	3.95
2.85	YES							
L0000097		0	0.73160E-07	608139.8	4123141.7	64.3	3.06	3.95
2.85	YES							
L0000098		0	0.73160E-07	608132.7	4123146.3	64.3	3.06	3.95
2.85	YES							
L0000099		0	0.73160E-07	608125.5	4123150.9	64.4	3.06	3.95
2.85	YES							
L0000100		0	0.73160E-07	608118.4	4123155.5	64.4	3.06	3.95
2.85	YES							
L0000101		0	0.73160E-07	608111.2	4123160.1	64.5	3.06	3.95
2.85	YES							
L0000102		0	0.73160E-07	608104.1	4123164.7	64.5	3.06	3.95
2.85	YES							
L0000103		0	0.73160E-07	608096.9	4123169.3	64.4	3.06	3.95
2.85	YES							
L0000104		0	0.73160E-07	608089.8	4123173.9	64.4	3.06	3.95
2.85	YES							
L0000105		0	0.73160E-07	608082.6	4123178.5	64.4	3.06	3.95
2.85	YES							
L0000106		0	0.73160E-07	608075.5	4123183.1	64.4	3.06	3.95
2.85	YES							
L0000107		0	0.73160E-07	608068.3	4123187.7	64.4	3.06	3.95
2.85	YES							
L0000108		0	0.73160E-07	608061.2	4123192.3	64.5	3.06	3.95
2.85	YES							
L0000109		0	0.73160E-07	608054.0	4123196.9	64.4	3.06	3.95
2.85	YES							
L0000110		0	0.73160E-07	608046.9	4123201.5	64.4	3.06	3.95
2.85	YES							
L0000111		0	0.73160E-07	608039.7	4123206.0	64.4	3.06	3.95
2.85	YES							
L0000112		0	0.73160E-07	608032.6	4123210.6	64.4	3.06	3.95
2.85	YES							
L0000113		0	0.73160E-07	608025.4	4123215.2	64.3	3.06	3.95
2.85	YES							
L0000114		0	0.73160E-07	608018.3	4123219.8	64.3	3.06	3.95
2.85	YES							
L0000115		0	0.73160E-07	608011.1	4123224.4	64.4	3.06	3.95
2.85	YES							
L0000116		0	0.73160E-07	608004.0	4123229.0	64.3	3.06	3.95

2.85 YES  
 L0000117 0 0.73160E-07 607996.8 4123233.6 64.3 3.06 3.95  
 2.85 YES  
 L0000118 0 0.73160E-07 607989.7 4123238.2 64.3 3.06 3.95  
 2.85 YES  
 L0000119 0 0.73160E-07 607982.5 4123242.8 64.2 3.06 3.95  
 2.85 YES  
 L0000120 0 0.73160E-07 607975.4 4123247.4 64.2 3.06 3.95  
 2.85 YES

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

L0000121 0 0.73160E-07 607968.2 4123252.0 64.2 3.06 3.95  
 2.85 YES  
 L0000122 0 0.73160E-07 607961.1 4123256.6 64.3 3.06 3.95  
 2.85 YES  
 L0000123 0 0.73160E-07 607953.9 4123261.2 64.2 3.06 3.95  
 2.85 YES  
 L0000124 0 0.73160E-07 607946.7 4123265.8 64.2 3.06 3.95  
 2.85 YES  
 L0000125 0 0.73160E-07 607939.6 4123270.4 64.2 3.06 3.95  
 2.85 YES  
 L0000126 0 0.73160E-07 607932.4 4123275.0 64.2 3.06 3.95  
 2.85 YES  
 L0000127 0 0.73160E-07 607925.3 4123279.6 64.2 3.06 3.95  
 2.85 YES  
 L0000128 0 0.73160E-07 607918.1 4123284.2 64.2 3.06 3.95  
 2.85 YES  
 L0000129 0 0.73160E-07 607911.0 4123288.8 64.2 3.06 3.95  
 2.85 YES  
 L0000130 0 0.73160E-07 607903.8 4123293.4 64.1 3.06 3.95  
 2.85 YES  
 L0000131 0 0.73160E-07 607896.7 4123298.0 64.1 3.06 3.95

2.85	YES							
L0000132		0	0.73160E-07	607889.5	4123302.6	64.1	3.06	3.95
2.85	YES							
L0000133		0	0.73160E-07	607882.4	4123307.1	64.1	3.06	3.95
2.85	YES							
L0000134		0	0.73160E-07	607875.2	4123311.7	64.1	3.06	3.95
2.85	YES							
L0000135		0	0.73160E-07	607868.1	4123316.3	64.1	3.06	3.95
2.85	YES							
L0000136		0	0.73160E-07	607860.9	4123320.9	64.1	3.06	3.95
2.85	YES							
L0005786		0	0.73170E-07	608840.7	4122736.1	65.9	3.11	3.95
2.89	YES							
L0005787		0	0.73170E-07	608840.4	4122744.6	65.9	3.11	3.95
2.89	YES							
L0005788		0	0.73170E-07	608840.2	4122753.1	66.0	3.11	3.95
2.89	YES							
L0005789		0	0.73170E-07	608839.9	4122761.6	66.0	3.11	3.95
2.89	YES							
L0005790		0	0.73170E-07	608839.7	4122770.1	66.1	3.11	3.95
2.89	YES							
L0005791		0	0.73170E-07	608839.4	4122778.6	66.1	3.11	3.95
2.89	YES							
L0005792		0	0.73170E-07	608839.2	4122787.1	66.2	3.11	3.95
2.89	YES							
L0005793		0	0.73170E-07	608838.9	4122795.6	66.2	3.11	3.95
2.89	YES							
L0005794		0	0.73170E-07	608838.7	4122804.1	66.3	3.11	3.95
2.89	YES							
L0005795		0	0.73170E-07	608838.4	4122812.6	66.3	3.11	3.95
2.89	YES							
L0005796		0	0.73170E-07	608838.2	4122821.1	66.3	3.11	3.95
2.89	YES							
L0005797		0	0.73170E-07	608837.9	4122829.6	66.3	3.11	3.95
2.89	YES							
L0005798		0	0.73170E-07	608837.7	4122838.1	66.4	3.11	3.95
2.89	YES							
L0005799		0	0.73170E-07	608837.4	4122846.5	66.4	3.11	3.95
2.89	YES							
L0005800		0	0.73170E-07	608837.2	4122855.0	66.4	3.11	3.95
2.89	YES							
L0005801		0	0.73170E-07	608836.9	4122863.5	66.4	3.11	3.95
2.89	YES							
L0005802		0	0.73170E-07	608836.7	4122872.0	66.5	3.11	3.95
2.89	YES							
L0005803		0	0.73170E-07	608836.4	4122880.5	66.5	3.11	3.95
2.89	YES							
L0005804		0	0.73170E-07	608836.2	4122889.0	66.6	3.11	3.95
2.89	YES							
L0005805		0	0.73170E-07	608835.9	4122897.5	66.6	3.11	3.95

2.89	YES								
		L0005806	0	0.73170E-07	608835.7	4122906.0	66.7	3.11	3.95
2.89	YES								
		L0005807	0	0.73170E-07	608835.4	4122914.5	66.8	3.11	3.95
2.89	YES								
		L0005808	0	0.73170E-07	608835.2	4122923.0	66.9	3.11	3.95
2.89	YES								
		L0005809	0	0.73170E-07	608834.9	4122931.5	67.0	3.11	3.95
2.89	YES								

▲ \*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
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\*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDEFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

		L0005810	0	0.73170E-07	608834.7	4122940.0	67.0	3.11	3.95
2.89	YES								
		L0005811	0	0.73170E-07	608834.4	4122948.5	67.1	3.11	3.95
2.89	YES								
		L0005812	0	0.73170E-07	608834.2	4122957.0	67.2	3.11	3.95
2.89	YES								
		L0005813	0	0.73170E-07	608834.5	4122965.5	67.2	3.11	3.95
2.89	YES								
		L0005814	0	0.73170E-07	608835.2	4122973.9	67.3	3.11	3.95
2.89	YES								
		L0005815	0	0.73170E-07	608836.0	4122982.4	67.3	3.11	3.95
2.89	YES								
		L0005816	0	0.73170E-07	608836.7	4122990.9	67.4	3.11	3.95
2.89	YES								
		L0005817	0	0.73170E-07	608837.5	4122999.3	67.4	3.11	3.95
2.89	YES								
		L0005818	0	0.73170E-07	608838.3	4123007.8	67.4	3.11	3.95
2.89	YES								
		L0005819	0	0.73170E-07	608839.0	4123016.3	67.4	3.11	3.95
2.89	YES								
		L0005820	0	0.73170E-07	608839.8	4123024.7	67.4	3.11	3.95



2.89	YES							
L0005821		0	0.73170E-07	608840.5	4123033.2	67.4	3.11	3.95
2.89	YES							
L0005822		0	0.73170E-07	608841.3	4123041.7	67.4	3.11	3.95
2.89	YES							
L0005823		0	0.73170E-07	608842.1	4123050.1	67.5	3.11	3.95
2.89	YES							
L0005824		0	0.73170E-07	608842.8	4123058.6	67.4	3.11	3.95
2.89	YES							
L0005825		0	0.73170E-07	608843.6	4123067.1	67.4	3.11	3.95
2.89	YES							
L0005826		0	0.73170E-07	608844.4	4123075.5	67.3	3.11	3.95
2.89	YES							
L0005827		0	0.73170E-07	608845.1	4123084.0	67.3	3.11	3.95
2.89	YES							
L0005828		0	0.73170E-07	608845.9	4123092.5	67.4	3.11	3.95
2.89	YES							
L0005829		0	0.73170E-07	608849.0	4123100.1	67.6	3.11	3.95
2.89	YES							
L0005830		0	0.73170E-07	608853.8	4123107.0	67.9	3.11	3.95
2.89	YES							
L0005831		0	0.73170E-07	608858.7	4123114.0	67.8	3.11	3.95
2.89	YES							
L0005832		0	0.73170E-07	608863.6	4123121.0	67.6	3.11	3.95
2.89	YES							
L0005833		0	0.73170E-07	608868.5	4123127.9	67.6	3.11	3.95
2.89	YES							
L0005834		0	0.73170E-07	608873.4	4123134.9	67.6	3.11	3.95
2.89	YES							
L0005835		0	0.73170E-07	608878.3	4123141.8	67.6	3.11	3.95
2.89	YES							
L0005836		0	0.73170E-07	608883.1	4123148.8	67.6	3.11	3.95
2.89	YES							
L0005837		0	0.73170E-07	608888.0	4123155.8	67.7	3.11	3.95
2.89	YES							
L0005838		0	0.73170E-07	608892.9	4123162.7	67.8	3.11	3.95
2.89	YES							
L0005839		0	0.73170E-07	608897.8	4123169.7	68.0	3.11	3.95
2.89	YES							
L0005840		0	0.73170E-07	608902.7	4123176.6	68.1	3.11	3.95
2.89	YES							
L0005841		0	0.73170E-07	608907.5	4123183.6	67.8	3.11	3.95
2.89	YES							
L0005842		0	0.73170E-07	608912.4	4123190.5	67.5	3.11	3.95
2.89	YES							
L0005843		0	0.73170E-07	608917.3	4123197.5	67.2	3.11	3.95
2.89	YES							
L0005844		0	0.73170E-07	608922.2	4123204.5	66.8	3.11	3.95
2.89	YES							
L0005845		0	0.73170E-07	608927.1	4123211.4	65.8	3.11	3.95

2.89 YES  
 L0005846 0 0.73170E-07 608931.9 4123218.4 64.7 3.11 3.95  
 2.89 YES  
 L0005847 0 0.73170E-07 608936.8 4123225.3 63.8 3.11 3.95  
 2.89 YES  
 L0005848 0 0.73170E-07 608941.7 4123232.3 63.1 3.11 3.95  
 2.89 YES  
 L0005849 0 0.73170E-07 608946.6 4123239.3 62.8 3.11 3.95  
 2.89 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

L0005850	0	0.73170E-07	608951.5	4123246.2	62.9	3.11	3.95
2.89 YES							
L0005851	0	0.73170E-07	608956.4	4123253.2	63.4	3.11	3.95
2.89 YES							
L0005852	0	0.73170E-07	608961.2	4123260.1	64.3	3.11	3.95
2.89 YES							
L0005853	0	0.73170E-07	608966.1	4123267.1	65.5	3.11	3.95
2.89 YES							
L0005854	0	0.73170E-07	608971.0	4123274.0	66.5	3.11	3.95
2.89 YES							
L0005855	0	0.73170E-07	608975.9	4123281.0	67.4	3.11	3.95
2.89 YES							
L0005856	0	0.73170E-07	608980.8	4123288.0	68.2	3.11	3.95
2.89 YES							
L0005857	0	0.73170E-07	608985.6	4123294.9	68.9	3.11	3.95
2.89 YES							
L0005858	0	0.73170E-07	608990.5	4123301.9	69.3	3.11	3.95
2.89 YES							
L0005859	0	0.73170E-07	608995.4	4123308.8	69.5	3.11	3.95
2.89 YES							
L0005860	0	0.73170E-07	609000.3	4123315.8	69.5	3.11	3.95

2.89	YES							
L0005861		0	0.73170E-07	609005.2	4123322.8	69.4	3.11	3.95
2.89	YES							
L0005862		0	0.73170E-07	609010.1	4123329.7	69.5	3.11	3.95
2.89	YES							
L0005863		0	0.73170E-07	609014.9	4123336.7	69.7	3.11	3.95
2.89	YES							
L0005864		0	0.73170E-07	609019.8	4123343.6	69.9	3.11	3.95
2.89	YES							
L0005865		0	0.73170E-07	609024.7	4123350.6	69.9	3.11	3.95
2.89	YES							
L0005866		0	0.73170E-07	609029.6	4123357.6	69.9	3.11	3.95
2.89	YES							
L0005867		0	0.73170E-07	609034.5	4123364.5	69.8	3.11	3.95
2.89	YES							
L0005868		0	0.46670E-07	608872.4	4123170.0	67.4	3.11	3.95
2.89	YES							
L0005869		0	0.46670E-07	608865.3	4123174.7	67.3	3.11	3.95
2.89	YES							
L0005870		0	0.46670E-07	608858.2	4123179.4	67.2	3.11	3.95
2.89	YES							
L0005871		0	0.46670E-07	608851.1	4123184.1	67.1	3.11	3.95
2.89	YES							
L0005872		0	0.46670E-07	608844.0	4123188.8	66.8	3.11	3.95
2.89	YES							
L0005873		0	0.46670E-07	608836.9	4123193.5	66.7	3.11	3.95
2.89	YES							
L0005874		0	0.46670E-07	608829.8	4123198.2	66.6	3.11	3.95
2.89	YES							
L0005875		0	0.46670E-07	608822.7	4123202.9	66.5	3.11	3.95
2.89	YES							
L0005876		0	0.46670E-07	608815.6	4123207.5	66.5	3.11	3.95
2.89	YES							
L0005877		0	0.46670E-07	608808.6	4123212.2	66.6	3.11	3.95
2.89	YES							
L0005878		0	0.46670E-07	608801.5	4123216.9	66.6	3.11	3.95
2.89	YES							
L0005879		0	0.46670E-07	608794.4	4123221.6	66.5	3.11	3.95
2.89	YES							
L0005880		0	0.46670E-07	608787.3	4123226.3	66.5	3.11	3.95
2.89	YES							
L0005881		0	0.46670E-07	608780.4	4123231.3	66.5	3.11	3.95
2.89	YES							
L0005882		0	0.46670E-07	608773.7	4123236.5	66.4	3.11	3.95
2.89	YES							
L0005883		0	0.46670E-07	608767.0	4123241.7	66.4	3.11	3.95
2.89	YES							
L0005884		0	0.46670E-07	608760.2	4123246.9	66.4	3.11	3.95
2.89	YES							
L0005885		0	0.46670E-07	608753.3	4123251.8	66.4	3.11	3.95

2.89 YES  
 L0005886 0 0.46670E-07 608745.4 4123254.8 66.3 3.11 3.95  
 2.89 YES  
 L0005887 0 0.46670E-07 608737.4 4123257.8 66.2 3.11 3.95  
 2.89 YES  
 L0005888 0 0.46670E-07 608729.5 4123260.8 66.1 3.11 3.95  
 2.89 YES  
 L0005889 0 0.46670E-07 608721.5 4123263.8 66.1 3.11 3.95  
 2.89 YES

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/19/21

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

-----  
 L0005890 0 0.46670E-07 608713.6 4123266.9 66.0 3.11 3.95  
 2.89 YES  
 L0005891 0 0.46670E-07 608705.7 4123269.9 65.8 3.11 3.95  
 2.89 YES  
 L0005892 0 0.46670E-07 608697.7 4123272.9 65.7 3.11 3.95  
 2.89 YES  
 L0005893 0 0.46670E-07 608689.8 4123275.9 65.8 3.11 3.95  
 2.89 YES  
 L0005894 0 0.46670E-07 608681.8 4123278.9 66.0 3.11 3.95  
 2.89 YES  
 L0005895 0 0.46670E-07 608673.9 4123281.9 66.2 3.11 3.95  
 2.89 YES  
 L0005896 0 0.46670E-07 608665.9 4123285.0 66.2 3.11 3.95  
 2.89 YES  
 L0005897 0 0.46670E-07 608658.0 4123288.0 66.1 3.11 3.95  
 2.89 YES  
 L0005898 0 0.46670E-07 608650.0 4123291.0 66.0 3.11 3.95  
 2.89 YES  
 L0005899 0 0.46670E-07 608642.7 4123295.2 65.9 3.11 3.95  
 2.89 YES  
 L0005900 0 0.46670E-07 608635.5 4123299.8 65.6 3.11 3.95

2.89	YES							
L0005901		0	0.46670E-07	608628.4	4123304.4	65.7	3.11	3.95
2.89	YES							
L0005902		0	0.46670E-07	608621.2	4123309.0	65.6	3.11	3.95
2.89	YES							
L0005903		0	0.46670E-07	608614.1	4123313.6	65.6	3.11	3.95
2.89	YES							
L0005904		0	0.46670E-07	608606.9	4123318.2	65.5	3.11	3.95
2.89	YES							
L0005905		0	0.46670E-07	608599.8	4123322.8	65.5	3.11	3.95
2.89	YES							
L0005906		0	0.46670E-07	608592.7	4123327.4	65.4	3.11	3.95
2.89	YES							
L0005907		0	0.46670E-07	608585.5	4123332.0	65.2	3.11	3.95
2.89	YES							
L0005908		0	0.46670E-07	608578.4	4123336.6	65.1	3.11	3.95
2.89	YES							
L0005909		0	0.46670E-07	608571.2	4123341.2	65.0	3.11	3.95
2.89	YES							
L0005910		0	0.46670E-07	608564.1	4123345.8	65.1	3.11	3.95
2.89	YES							
L0005911		0	0.46670E-07	608556.9	4123350.4	65.3	3.11	3.95
2.89	YES							
L0005912		0	0.46670E-07	608549.8	4123355.0	65.5	3.11	3.95
2.89	YES							
L0005913		0	0.46670E-07	608544.1	4123360.8	65.5	3.11	3.95
2.89	YES							
L0005914		0	0.46670E-07	608540.7	4123368.6	65.6	3.11	3.95
2.89	YES							
L0005915		0	0.46670E-07	608537.3	4123376.4	65.8	3.11	3.95
2.89	YES							
L0005916		0	0.46670E-07	608533.9	4123384.2	66.0	3.11	3.95
2.89	YES							
L0005917		0	0.46670E-07	608530.5	4123392.0	65.9	3.11	3.95
2.89	YES							
L0005918		0	0.46670E-07	608527.2	4123399.8	65.8	3.11	3.95
2.89	YES							
L0005919		0	0.46670E-07	608523.8	4123407.6	65.5	3.11	3.95
2.89	YES							
L0005920		0	0.46670E-07	608520.4	4123415.4	65.3	3.11	3.95
2.89	YES							
L0005921		0	0.46670E-07	608517.0	4123423.2	65.4	3.11	3.95
2.89	YES							
L0005922		0	0.46670E-07	608513.6	4123431.0	65.5	3.11	3.95
2.89	YES							
L0005923		0	0.46670E-07	608510.3	4123438.8	65.7	3.11	3.95
2.89	YES							
L0005924		0	0.46670E-07	608505.3	4123445.7	65.9	3.11	3.95
2.89	YES							
L0005925		0	0.46670E-07	608500.3	4123452.6	65.8	3.11	3.95

2.89 YES  
 L0005926 0 0.46670E-07 608495.4 4123459.5 65.7 3.11 3.95  
 2.89 YES  
 L0005927 0 0.46670E-07 608490.4 4123466.4 65.7 3.11 3.95  
 2.89 YES  
 L0005928 0 0.46670E-07 608485.4 4123473.3 65.8 3.11 3.95  
 2.89 YES  
 L0005929 0 0.46670E-07 608480.5 4123480.2 65.9 3.11 3.95  
 2.89 YES

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/19/21

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

-----  
 L0005930 0 0.46670E-07 608475.5 4123487.1 65.9 3.11 3.95  
 2.89 YES  
 L0005931 0 0.46670E-07 608470.5 4123494.0 65.9 3.11 3.95  
 2.89 YES  
 L0005932 0 0.46670E-07 608465.6 4123500.9 65.8 3.11 3.95  
 2.89 YES  
 L0005933 0 0.46670E-07 608460.6 4123507.8 65.8 3.11 3.95  
 2.89 YES  
 L0005934 0 0.46670E-07 608455.7 4123514.7 65.6 3.11 3.95  
 2.89 YES  
 L0005935 0 0.46670E-07 608450.7 4123521.6 65.7 3.11 3.95  
 2.89 YES  
 L0005936 0 0.46670E-07 608445.7 4123528.5 65.6 3.11 3.95  
 2.89 YES  
 L0005937 0 0.46670E-07 608440.8 4123535.4 65.6 3.11 3.95  
 2.89 YES  
 L0005938 0 0.46670E-07 608435.8 4123542.3 65.6 3.11 3.95  
 2.89 YES  
 L0005939 0 0.46670E-07 608430.8 4123549.2 65.7 3.11 3.95  
 2.89 YES  
 L0005940 0 0.46450E-07 608815.1 4122957.1 67.0 3.11 3.95

2.89	YES							
L0005941		0	0.46450E-07	608806.6	4122956.8	66.9	3.11	3.95
2.89	YES							
L0005942		0	0.46450E-07	608798.1	4122956.4	66.6	3.11	3.95
2.89	YES							
L0005943		0	0.46450E-07	608789.6	4122956.1	66.3	3.11	3.95
2.89	YES							
L0005944		0	0.46450E-07	608781.1	4122955.8	66.0	3.11	3.95
2.89	YES							
L0005945		0	0.46450E-07	608772.6	4122955.5	65.6	3.11	3.95
2.89	YES							
L0005946		0	0.46450E-07	608764.1	4122955.2	65.3	3.11	3.95
2.89	YES							
L0005947		0	0.46450E-07	608755.6	4122954.8	65.0	3.11	3.95
2.89	YES							
L0005948		0	0.46450E-07	608747.1	4122954.5	64.6	3.11	3.95
2.89	YES							
L0005949		0	0.46450E-07	608738.6	4122954.2	64.2	3.11	3.95
2.89	YES							
L0005950		0	0.46450E-07	608730.1	4122953.9	63.9	3.11	3.95
2.89	YES							
L0005951		0	0.46450E-07	608721.7	4122953.6	63.9	3.11	3.95
2.89	YES							
L0005952		0	0.46450E-07	608713.2	4122953.2	63.8	3.11	3.95
2.89	YES							
L0005953		0	0.46450E-07	608705.0	4122955.4	63.8	3.11	3.95
2.89	YES							
L0005954		0	0.46450E-07	608697.0	4122958.3	63.9	3.11	3.95
2.89	YES							
L0005955		0	0.46450E-07	608689.0	4122961.1	63.9	3.11	3.95
2.89	YES							
L0005956		0	0.46450E-07	608681.0	4122964.0	63.8	3.11	3.95
2.89	YES							
L0005957		0	0.46450E-07	608673.0	4122966.8	63.7	3.11	3.95
2.89	YES							
L0005958		0	0.46450E-07	608665.0	4122969.6	63.7	3.11	3.95
2.89	YES							
L0005959		0	0.46450E-07	608657.0	4122972.5	63.6	3.11	3.95
2.89	YES							
L0005960		0	0.46450E-07	608649.0	4122975.3	63.6	3.11	3.95
2.89	YES							
L0005961		0	0.46450E-07	608641.0	4122978.2	63.6	3.11	3.95
2.89	YES							
L0005962		0	0.46450E-07	608633.0	4122981.0	63.6	3.11	3.95
2.89	YES							
L0005963		0	0.46450E-07	608624.9	4122983.9	63.7	3.11	3.95
2.89	YES							
L0005964		0	0.46450E-07	608616.9	4122986.7	63.7	3.11	3.95
2.89	YES							
L0005965		0	0.46450E-07	608608.9	4122989.5	63.8	3.11	3.95

2.89 YES  
 L0005966 0 0.46450E-07 608600.9 4122992.4 63.8 3.11 3.95  
 2.89 YES  
 L0005967 0 0.46450E-07 608592.9 4122995.2 63.7 3.11 3.95  
 2.89 YES  
 L0005968 0 0.46450E-07 608584.9 4122998.1 63.7 3.11 3.95  
 2.89 YES  
 L0005969 0 0.46450E-07 608576.9 4123000.9 63.6 3.11 3.95  
 2.89 YES

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

-----  
 L0005970 0 0.46450E-07 608568.9 4123003.8 63.6 3.11 3.95  
 2.89 YES  
 L0005971 0 0.46450E-07 608560.9 4123006.6 63.6 3.11 3.95  
 2.89 YES  
 L0005972 0 0.46450E-07 608552.8 4123009.4 63.7 3.11 3.95  
 2.89 YES  
 L0005973 0 0.46450E-07 608544.8 4123012.3 63.7 3.11 3.95  
 2.89 YES  
 L0005974 0 0.46450E-07 608536.8 4123015.1 63.8 3.11 3.95  
 2.89 YES  
 L0005975 0 0.46450E-07 608528.8 4123018.0 63.8 3.11 3.95  
 2.89 YES  
 L0005976 0 0.46450E-07 608520.8 4123020.8 63.8 3.11 3.95  
 2.89 YES  
 L0005977 0 0.46450E-07 608512.8 4123023.7 63.9 3.11 3.95  
 2.89 YES  
 L0005978 0 0.46450E-07 608504.8 4123026.5 63.9 3.11 3.95  
 2.89 YES  
 L0005979 0 0.46450E-07 608496.8 4123029.3 63.8 3.11 3.95  
 2.89 YES  
 L0005980 0 0.46450E-07 608488.8 4123032.2 63.9 3.11 3.95



2.89	YES							
L0005981		0	0.46450E-07	608480.7	4123035.0	64.0	3.11	3.95
2.89	YES							
L0005982		0	0.46450E-07	608472.7	4123037.9	63.9	3.11	3.95
2.89	YES							
L0005983		0	0.46450E-07	608464.7	4123040.7	63.8	3.11	3.95
2.89	YES							
L0005984		0	0.46450E-07	608456.7	4123043.5	63.7	3.11	3.95
2.89	YES							
L0005985		0	0.46450E-07	608448.7	4123046.4	63.8	3.11	3.95
2.89	YES							
L0005986		0	0.46450E-07	608440.7	4123049.2	63.9	3.11	3.95
2.89	YES							
L0005987		0	0.46450E-07	608432.7	4123052.1	63.9	3.11	3.95
2.89	YES							
L0005988		0	0.46450E-07	608424.7	4123054.9	63.8	3.11	3.95
2.89	YES							
L0005989		0	0.46450E-07	608416.7	4123057.8	63.7	3.11	3.95
2.89	YES							
L0005990		0	0.46450E-07	608408.7	4123060.6	63.6	3.11	3.95
2.89	YES							
L0005991		0	0.46450E-07	608400.6	4123063.4	63.7	3.11	3.95
2.89	YES							
L0005992		0	0.46450E-07	608392.6	4123066.3	63.8	3.11	3.95
2.89	YES							
L0005993		0	0.46450E-07	608384.6	4123069.1	63.9	3.11	3.95
2.89	YES							
L0005994		0	0.46450E-07	608376.6	4123072.0	63.9	3.11	3.95
2.89	YES							
L0005995		0	0.46450E-07	608369.0	4123075.7	63.9	3.11	3.95
2.89	YES							
L0005996		0	0.46450E-07	608361.3	4123079.4	63.8	3.11	3.95
2.89	YES							
L0005997		0	0.46450E-07	608353.7	4123083.1	63.8	3.11	3.95
2.89	YES							
L0005998		0	0.46450E-07	608346.0	4123086.9	63.7	3.11	3.95
2.89	YES							
L0005999		0	0.46450E-07	608338.4	4123090.6	63.7	3.11	3.95
2.89	YES							
L0006000		0	0.46450E-07	608330.8	4123094.3	63.6	3.11	3.95
2.89	YES							
L0006001		0	0.46450E-07	608323.1	4123098.0	63.6	3.11	3.95
2.89	YES							
L0006002		0	0.46450E-07	608315.5	4123101.8	63.5	3.11	3.95
2.89	YES							
L0006003		0	0.46450E-07	608307.9	4123105.5	63.5	3.11	3.95
2.89	YES							
L0006004		0	0.46450E-07	608300.2	4123109.3	63.6	3.11	3.95
2.89	YES							
L0006005		0	0.46450E-07	608292.6	4123113.0	63.7	3.11	3.95

2.89 YES  
 L0006006 0 0.46450E-07 608285.0 4123116.7 63.7 3.11 3.95  
 2.89 YES  
 L0006007 0 0.46450E-07 608277.3 4123120.5 63.5 3.11 3.95  
 2.89 YES  
 L0006008 0 0.46450E-07 608269.7 4123124.2 63.4 3.11 3.95  
 2.89 YES  
 L0006009 0 0.46450E-07 608262.1 4123128.0 63.4 3.11 3.95  
 2.89 YES

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

-----  
 L0006010 0 0.46450E-07 608254.5 4123131.8 63.5 3.11 3.95  
 2.89 YES  
 L0006011 0 0.46450E-07 608247.1 4123136.0 63.6 3.11 3.95  
 2.89 YES  
 L0006012 0 0.46450E-07 608239.8 4123140.3 63.6 3.11 3.95  
 2.89 YES  
 L0006013 0 0.46450E-07 608232.4 4123144.6 63.5 3.11 3.95  
 2.89 YES  
 L0006014 0 0.46450E-07 608225.1 4123148.9 63.4 3.11 3.95  
 2.89 YES  
 L0006015 0 0.46450E-07 608217.7 4123153.1 63.3 3.11 3.95  
 2.89 YES  
 L0006016 0 0.18000E-06 608220.1 4123175.2 63.5 3.11 3.95  
 2.89 YES  
 L0006017 0 0.18000E-06 608225.2 4123182.0 63.6 3.11 3.95  
 2.89 YES  
 L0006018 0 0.18000E-06 608230.3 4123188.7 63.5 3.11 3.95  
 2.89 YES  
 L0006019 0 0.18000E-06 608235.4 4123195.5 63.5 3.11 3.95  
 2.89 YES  
 L0006020 0 0.18000E-06 608240.6 4123202.3 63.6 3.11 3.95

2.89	YES							
L0006021		0	0.18000E-06	608245.7	4123209.1	63.7	3.11	3.95
2.89	YES							
L0006022		0	0.18000E-06	608250.8	4123215.9	63.7	3.11	3.95
2.89	YES							
L0006023		0	0.18000E-06	608255.9	4123222.7	63.6	3.11	3.95
2.89	YES							
L0006024		0	0.18000E-06	608261.0	4123229.5	63.6	3.11	3.95
2.89	YES							
L0006025		0	0.18000E-06	608266.2	4123236.2	63.7	3.11	3.95
2.89	YES							
L0006026		0	0.18000E-06	608271.3	4123243.0	63.7	3.11	3.95
2.89	YES							
L0006027		0	0.18000E-06	608276.4	4123249.8	63.6	3.11	3.95
2.89	YES							
L0006028		0	0.18000E-06	608281.5	4123256.6	63.6	3.11	3.95
2.89	YES							
L0006029		0	0.18000E-06	608286.6	4123263.4	63.6	3.11	3.95
2.89	YES							
L0006030		0	0.18000E-06	608291.7	4123270.2	63.6	3.11	3.95
2.89	YES							
L0006031		0	0.18000E-06	608296.9	4123277.0	63.6	3.11	3.95
2.89	YES							
L0006032		0	0.18000E-06	608302.0	4123283.7	63.7	3.11	3.95
2.89	YES							
L0006033		0	0.18000E-06	608307.1	4123290.5	63.7	3.11	3.95
2.89	YES							
L0006034		0	0.18000E-06	608312.2	4123297.3	63.8	3.11	3.95
2.89	YES							
L0006035		0	0.18000E-06	608317.3	4123304.1	63.9	3.11	3.95
2.89	YES							
L0006036		0	0.18000E-06	608322.5	4123310.9	64.1	3.11	3.95
2.89	YES							
L0006037		0	0.18000E-06	608327.6	4123317.7	64.3	3.11	3.95
2.89	YES							
L0006038		0	0.18000E-06	608332.7	4123324.5	64.3	3.11	3.95
2.89	YES							
L0006039		0	0.18000E-06	608337.8	4123331.2	64.2	3.11	3.95
2.89	YES							
L0006040		0	0.18000E-06	608342.9	4123338.0	64.2	3.11	3.95
2.89	YES							
L0006041		0	0.18000E-06	608348.0	4123344.8	64.2	3.11	3.95
2.89	YES							
L0006042		0	0.18000E-06	608353.2	4123351.6	64.3	3.11	3.95
2.89	YES							
L0006043		0	0.18000E-06	608358.3	4123358.4	64.3	3.11	3.95
2.89	YES							
L0006044		0	0.18000E-06	608363.4	4123365.2	64.3	3.11	3.95
2.89	YES							
L0006045		0	0.18000E-06	608368.5	4123372.0	64.3	3.11	3.95

2.89	YES							
L0006046		0	0.18000E-06	608373.6	4123378.7	64.3	3.11	3.95
2.89	YES							
L0006047		0	0.18000E-06	608378.8	4123385.5	64.4	3.11	3.95
2.89	YES							
L0006048		0	0.18000E-06	608383.9	4123392.3	64.3	3.11	3.95
2.89	YES							
L0006049		0	0.18000E-06	608389.0	4123399.1	64.2	3.11	3.95
2.89	YES							

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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN

\*\*\* VOLUME SOURCE DATA \*\*\*

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

L0006050		0	0.18000E-06	608394.1	4123405.9	64.1	3.11	3.95
2.89	YES							
L0006051		0	0.18000E-06	608399.2	4123412.7	64.1	3.11	3.95
2.89	YES							
L0006052		0	0.18000E-06	608404.4	4123419.5	64.1	3.11	3.95
2.89	YES							
L0006053		0	0.18000E-06	608409.5	4123426.2	64.1	3.11	3.95
2.89	YES							
L0006054		0	0.18000E-06	608414.6	4123433.0	64.1	3.11	3.95
2.89	YES							
L0006055		0	0.18000E-06	608419.7	4123439.8	64.2	3.11	3.95
2.89	YES							
L0006056		0	0.18000E-06	608424.8	4123446.6	64.3	3.11	3.95
2.89	YES							
L0006057		0	0.18000E-06	608429.9	4123453.4	64.4	3.11	3.95
2.89	YES							
L0006058		0	0.18000E-06	608435.1	4123460.2	64.5	3.11	3.95
2.89	YES							
L0006059		0	0.18000E-06	608440.2	4123467.0	64.8	3.11	3.95
2.89	YES							
L0006060		0	0.18000E-06	608445.3	4123473.8	65.1	3.11	3.95

2.89	YES							
L0006061		0	0.18000E-06	608450.4	4123480.5	65.5	3.11	3.95
2.89	YES							
L0006062		0	0.18000E-06	608455.4	4123487.4	65.6	3.11	3.95
2.89	YES							
L0006063		0	0.33400E-07	608293.0	4123226.4	63.6	3.11	3.95
2.89	YES							
L0006064		0	0.33400E-07	608298.2	4123233.1	63.6	3.11	3.95
2.89	YES							
L0006065		0	0.33400E-07	608303.4	4123239.9	63.6	3.11	3.95
2.89	YES							
L0006066		0	0.33400E-07	608308.6	4123246.6	63.6	3.11	3.95
2.89	YES							
L0006067		0	0.33400E-07	608313.8	4123253.3	63.6	3.11	3.95
2.89	YES							
L0006068		0	0.33400E-07	608319.0	4123260.1	63.7	3.11	3.95
2.89	YES							
L0006069		0	0.33400E-07	608324.2	4123266.8	63.8	3.11	3.95
2.89	YES							
L0006070		0	0.33400E-07	608329.4	4123273.5	63.9	3.11	3.95
2.89	YES							
L0006071		0	0.33400E-07	608334.5	4123280.2	64.0	3.11	3.95
2.89	YES							
L0006072		0	0.33400E-07	608339.7	4123287.0	64.2	3.11	3.95
2.89	YES							
L0006073		0	0.33400E-07	608344.9	4123293.7	64.3	3.11	3.95
2.89	YES							
L0006074		0	0.33400E-07	608350.1	4123300.4	64.4	3.11	3.95
2.89	YES							
L0006075		0	0.33400E-07	608355.3	4123307.1	64.5	3.11	3.95
2.89	YES							
L0006076		0	0.33400E-07	608360.5	4123313.9	64.5	3.11	3.95
2.89	YES							
L0006077		0	0.33400E-07	608365.7	4123320.6	64.4	3.11	3.95
2.89	YES							
L0006078		0	0.33400E-07	608370.9	4123327.3	64.4	3.11	3.95
2.89	YES							
L0006079		0	0.33400E-07	608376.1	4123334.1	64.5	3.11	3.95
2.89	YES							
L0006080		0	0.33400E-07	608381.3	4123340.8	64.5	3.11	3.95
2.89	YES							
L0006081		0	0.33400E-07	608386.5	4123347.5	64.5	3.11	3.95
2.89	YES							
L0006082		0	0.33400E-07	608391.7	4123354.2	64.5	3.11	3.95

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/19/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
                                  \*\*\*      14:53:04

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS

\*\*\*

SRCGROUP ID -----	SOURCE IDs -----					
ALL L0000006	L0000001 , L0000007	, L0000002 , L0000008	, L0000003 ,	, L0000004	, L0000005	,
L0000014	L0000009 , L0000015	, L0000010 , L0000016	, L0000011 ,	, L0000012	, L0000013	,
L0000022	L0000017 , L0000023	, L0000018 , L0000024	, L0000019 ,	, L0000020	, L0000021	,
L0000030	L0000025 , L0000031	, L0000026 , L0000032	, L0000027 ,	, L0000028	, L0000029	,
L0000038	L0000033 , L0000039	, L0000034 , L0000040	, L0000035 ,	, L0000036	, L0000037	,
L0000046	L0000041 , L0000047	, L0000042 , L0000048	, L0000043 ,	, L0000044	, L0000045	,
L0000054	L0000049 , L0000055	, L0000050 , L0000056	, L0000051 ,	, L0000052	, L0000053	,
L0000062	L0000057 , L0000063	, L0000058 , L0000064	, L0000059 ,	, L0000060	, L0000061	,
L0000070	L0000065 , L0000071	, L0000066 , L0000072	, L0000067 ,	, L0000068	, L0000069	,
L0000078	L0000073 , L0000079	, L0000074 , L0000080	, L0000075 ,	, L0000076	, L0000077	,
L0000086	L0000081 , L0000087	, L0000082 , L0000088	, L0000083 ,	, L0000084	, L0000085	,
L0000094	L0000089 , L0000095	, L0000090 , L0000096	, L0000091 ,	, L0000092	, L0000093	,
L0000102	L0000097 , L0000103	, L0000098 , L0000104	, L0000099 ,	, L0000100	, L0000101	,



L0005855      L0005850      , L0005851      , L0005852      , L0005853      , L0005854      ,  
                   , L0005856      , L0005857      ,  
  
 L0005863      L0005858      , L0005859      , L0005860      , L0005861      , L0005862      ,  
                   , L0005864      , L0005865      ,  
  
 L0005871      L0005866      , L0005867      , L0005868      , L0005869      , L0005870      ,  
                   , L0005872      , L0005873      ,  
  
 L0005879      L0005874      , L0005875      , L0005876      , L0005877      , L0005878      ,  
                   , L0005880      , L0005881      ,  
  
 L0005887      L0005882      , L0005883      , L0005884      , L0005885      , L0005886      ,  
                   , L0005888      , L0005889      ,  
  
 L0005895      L0005890      , L0005891      , L0005892      , L0005893      , L0005894      ,  
                   , L0005896      , L0005897      ,  
  
 L0005903      L0005898      , L0005899      , L0005900      , L0005901      , L0005902      ,  
                   , L0005904      , L0005905      ,  
  
 L0005911      L0005906      , L0005907      , L0005908      , L0005909      , L0005910      ,  
                   , L0005912      , L0005913      ,  
  
 L0005919      L0005914      , L0005915      , L0005916      , L0005917      , L0005918      ,  
                   , L0005920      , L0005921      ,  
  
 L0005927      L0005922      , L0005923      , L0005924      , L0005925      , L0005926      ,  
                   , L0005928      , L0005929      ,  
  
 L0005935      L0005930      , L0005931      , L0005932      , L0005933      , L0005934      ,  
                   , L0005936      , L0005937      ,  
  
 L0005943      L0005938      , L0005939      , L0005940      , L0005941      , L0005942      ,  
                   , L0005944      , L0005945      ,  
  
 L0005951      L0005946      , L0005947      , L0005948      , L0005949      , L0005950      ,  
                   , L0005952      , L0005953      ,  
  
 L0005959      L0005954      , L0005955      , L0005956      , L0005957      , L0005958      ,  
                   , L0005960      , L0005961      ,  
  
 L0005967      L0005962      , L0005963      , L0005964      , L0005965      , L0005966      ,  
                   , L0005968      , L0005969      ,

▲ \*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/19/21

\*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*

\*\*\*      14:53:04



\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS

\*\*\*

SRCGROUP ID	SOURCE IDs					
-----	-----					
L0005975	L0005970	, L0005971	, L0005972	, L0005973	, L0005974	,
	, L0005976	, L0005977	,			
L0005983	L0005978	, L0005979	, L0005980	, L0005981	, L0005982	,
	, L0005984	, L0005985	,			
L0005991	L0005986	, L0005987	, L0005988	, L0005989	, L0005990	,
	, L0005992	, L0005993	,			
L0005999	L0005994	, L0005995	, L0005996	, L0005997	, L0005998	,
	, L0006000	, L0006001	,			
L0006007	L0006002	, L0006003	, L0006004	, L0006005	, L0006006	,
	, L0006008	, L0006009	,			
L0006015	L0006010	, L0006011	, L0006012	, L0006013	, L0006014	,
	, L0006016	, L0006017	,			
L0006023	L0006018	, L0006019	, L0006020	, L0006021	, L0006022	,
	, L0006024	, L0006025	,			
L0006031	L0006026	, L0006027	, L0006028	, L0006029	, L0006030	,
	, L0006032	, L0006033	,			
L0006039	L0006034	, L0006035	, L0006036	, L0006037	, L0006038	,
	, L0006040	, L0006041	,			
L0006047	L0006042	, L0006043	, L0006044	, L0006045	, L0006046	,
	, L0006048	, L0006049	,			
L0006055	L0006050	, L0006051	, L0006052	, L0006053	, L0006054	,
	, L0006056	, L0006057	,			
L0006063	L0006058	, L0006059	, L0006060	, L0006061	, L0006062	,
	, L0006064	, L0006065	,			
L0006071	L0006066	, L0006067	, L0006068	, L0006069	, L0006070	,
	, L0006072	, L0006073	,			

L0006074 , L0006075 , L0006076 , L0006077 , L0006078 ,  
L0006079 , L0006080 , L0006081 ,

L0006082 ,

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/19/21

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs				
-----	-----	-----	-----	-----	-----	-----
L0000005	1928000.	L0000001	L0000002	L0000003	L0000004	
L0000008		L0000007				
L0000014	L0000009	L0000010	L0000011	L0000012	L0000013	
	L0000015	L0000016				
L0000022	L0000017	L0000018	L0000019	L0000020	L0000021	
	L0000023	L0000024				
L0000030	L0000025	L0000026	L0000027	L0000028	L0000029	
	L0000031	L0000032				
L0000038	L0000033	L0000034	L0000035	L0000036	L0000037	
	L0000039	L0000040				
L0000046	L0000041	L0000042	L0000043	L0000044	L0000045	
	L0000047	L0000048				
L0000054	L0000049	L0000050	L0000051	L0000052	L0000053	
	L0000055	L0000056				
L0000062	L0000057	L0000058	L0000059	L0000060	L0000061	
	L0000063	L0000064				
L0000070	L0000065	L0000066	L0000067	L0000068	L0000069	
	L0000071	L0000072				
L0000078	L0000073	L0000074	L0000075	L0000076	L0000077	
	L0000079	L0000080				

L0000086 L0000081 , L0000082 , L0000083 , L0000084 , L0000085 ,  
 , L0000087 , L0000088 , ,

L0000094 L0000089 , L0000090 , L0000091 , L0000092 , L0000093 ,  
 , L0000095 , L0000096 , ,

L0000102 L0000097 , L0000098 , L0000099 , L0000100 , L0000101 ,  
 , L0000103 , L0000104 , ,

L0000110 L0000105 , L0000106 , L0000107 , L0000108 , L0000109 ,  
 , L0000111 , L0000112 , ,

L0000118 L0000113 , L0000114 , L0000115 , L0000116 , L0000117 ,  
 , L0000119 , L0000120 , ,

L0000126 L0000121 , L0000122 , L0000123 , L0000124 , L0000125 ,  
 , L0000127 , L0000128 , ,

L0000134 L0000129 , L0000130 , L0000131 , L0000132 , L0000133 ,  
 , L0000135 , L0000136 , ,

L0005791 L0005786 , L0005787 , L0005788 , L0005789 , L0005790 ,  
 , L0005792 , L0005793 , ,

L0005799 L0005794 , L0005795 , L0005796 , L0005797 , L0005798 ,  
 , L0005800 , L0005801 , ,

L0005807 L0005802 , L0005803 , L0005804 , L0005805 , L0005806 ,  
 , L0005808 , L0005809 , ,

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/19/21

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 \*\*\* 14:53:04

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0005815	L0005810 , L0005811 , L0005812 , L0005813 , L0005814 , , L0005816 , L0005817 ,	
	L0005818 , L0005819 , L0005820 , L0005821 , L0005822 ,	

L0005823 , L0005824 , L0005825 ,  
L0005831 , L0005826 , L0005827 , L0005828 , L0005829 , L0005830 ,  
L0005839 , L0005832 , L0005833 , L0005834 , L0005835 , L0005836 , L0005837 , L0005838 ,  
L0005847 , L0005840 , L0005841 , L0005842 , L0005843 , L0005844 , L0005845 , L0005846 ,  
L0005855 , L0005850 , L0005851 , L0005852 , L0005853 , L0005854 ,  
L0005863 , L0005858 , L0005859 , L0005860 , L0005861 , L0005862 ,  
L0005871 , L0005866 , L0005867 , L0005868 , L0005869 , L0005870 ,  
L0005879 , L0005874 , L0005875 , L0005876 , L0005877 , L0005878 ,  
L0005887 , L0005882 , L0005883 , L0005884 , L0005885 , L0005886 ,  
L0005895 , L0005890 , L0005891 , L0005892 , L0005893 , L0005894 ,  
L0005903 , L0005898 , L0005899 , L0005900 , L0005901 , L0005902 ,  
L0005911 , L0005906 , L0005907 , L0005908 , L0005909 , L0005910 ,  
L0005919 , L0005914 , L0005915 , L0005916 , L0005917 , L0005918 ,  
L0005927 , L0005922 , L0005923 , L0005924 , L0005925 , L0005926 ,  
L0005935 , L0005930 , L0005931 , L0005932 , L0005933 , L0005934 ,  
L0005943 , L0005938 , L0005939 , L0005940 , L0005941 , L0005942 ,  
L0005951 , L0005946 , L0005947 , L0005948 , L0005949 , L0005950 ,  
L0005952 , L0005953 ,

L0005954 , L0005955 , L0005956 , L0005957 , L0005958 ,  
L0005959 , L0005960 , L0005961 ,

L0005962 , L0005963 , L0005964 , L0005965 , L0005966 ,  
L0005967 , L0005968 , L0005969 ,

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/19/21

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

\*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0005975	L0005970 , L0005976	L0005971 , L0005972 , L0005973 , L0005974 ,
L0005983	L0005978 , L0005984	L0005979 , L0005980 , L0005981 , L0005982 ,
L0005991	L0005986 , L0005992	L0005987 , L0005988 , L0005989 , L0005990 ,
L0005999	L0005994 , L0006000	L0005995 , L0005996 , L0005997 , L0005998 ,
L0006007	L0006002 , L0006008	L0006003 , L0006004 , L0006005 , L0006006 ,
L0006015	L0006010 , L0006016	L0006011 , L0006012 , L0006013 , L0006014 ,
L0006023	L0006018 , L0006024	L0006019 , L0006020 , L0006021 , L0006022 ,
L0006031	L0006026 , L0006032	L0006027 , L0006028 , L0006029 , L0006030 ,
L0006039	L0006034 , L0006040	L0006035 , L0006036 , L0006037 , L0006038 ,
L0006047	L0006042 , L0006048	L0006043 , L0006044 , L0006045 , L0006046 ,

L0006055      L0006050      , L0006051      , L0006052      , L0006053      , L0006054      ,  
                   , L0006056      , L0006057      ,  
  
 L0006063      L0006058      , L0006059      , L0006060      , L0006061      , L0006062      ,  
                   , L0006064      , L0006065      ,  
  
 L0006071      L0006066      , L0006067      , L0006068      , L0006069      , L0006070      ,  
                   , L0006072      , L0006073      ,  
  
 L0006079      L0006074      , L0006075      , L0006076      , L0006077      , L0006078      ,  
                   , L0006080      , L0006081      ,

L0006082      ,

▲ \*\*\* AERMOD - VERSION 21112 \*\*\*      \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/19/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFault      CONC      ELEV      URBAN

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

( 608017.1, 4122906.7,      61.4,      314.7,      0.0);      ( 608052.1,  
 4122906.7,      61.2,      314.7,      0.0);  
 ( 608087.1, 4122906.7,      61.6,      314.7,      0.0);      ( 608122.1,  
 4122906.7,      62.0,      314.7,      0.0);  
 ( 608157.1, 4122906.7,      61.9,      314.7,      0.0);      ( 608192.1,  
 4122906.7,      62.2,      314.7,      0.0);  
 ( 608227.1, 4122906.7,      62.3,      314.7,      0.0);      ( 608262.1,  
 4122906.7,      62.0,      321.0,      0.0);  
 ( 608297.1, 4122906.7,      62.3,      321.0,      0.0);      ( 608332.1,  
 4122906.7,      62.6,      321.0,      0.0);  
 ( 608367.1, 4122906.7,      62.6,      321.0,      0.0);      ( 608612.1,  
 4122906.7,      63.2,      321.0,      0.0);  
 ( 608647.1, 4122906.7,      63.2,      321.0,      0.0);      ( 608017.1,  
 4122941.7,      61.3,      314.7,      0.0);  
 ( 608052.1, 4122941.7,      60.8,      314.7,      0.0);      ( 608087.1,  
 4122941.7,      61.4,      314.7,      0.0);  
 ( 608122.1, 4122941.7,      61.3,      314.7,      0.0);      ( 608157.1,  
 4122941.7,      60.9,      314.7,      0.0);  
 ( 608192.1, 4122941.7,      61.4,      314.7,      0.0);      ( 608227.1,  
 4122941.7,      61.8,      321.0,      0.0);  
 ( 608262.1, 4122941.7,      62.3,      321.0,      0.0);      ( 608297.1,  
 4122941.7,      62.4,      321.0,      0.0);  
 ( 608332.1, 4122941.7,      63.5,      321.0,      0.0);      ( 608507.1,  
 4122941.7,      64.5,      321.0,      0.0);

( 608542.1, 4122941.7, 63.1, 321.0, 0.0); ( 608577.1, 4122941.7, 63.1, 321.0, 0.0);  
( 608612.1, 4122941.7, 63.2, 321.0, 0.0); ( 608647.1, 4122941.7, 63.3, 321.0, 0.0);  
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( 608087.1, 4122976.7, 60.7, 314.7, 0.0); ( 608122.1, 4122976.7, 61.1, 314.7, 0.0);  
( 608157.1, 4122976.7, 61.2, 314.7, 0.0); ( 608192.1, 4122976.7, 61.6, 321.0, 0.0);  
( 608227.1, 4122976.7, 62.2, 321.0, 0.0); ( 608262.1, 4122976.7, 62.9, 321.0, 0.0);  
( 608297.1, 4122976.7, 63.3, 321.0, 0.0); ( 608472.1, 4122976.7, 63.5, 321.0, 0.0);  
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( 608577.1, 4122976.7, 63.5, 321.0, 0.0); ( 608612.1, 4122976.7, 63.6, 321.0, 0.0);  
( 608717.1, 4122976.7, 64.2, 321.0, 0.0); ( 608017.1, 4123011.7, 60.5, 314.7, 0.0);  
( 608052.1, 4123011.7, 61.3, 314.7, 0.0); ( 608087.1, 4123011.7, 61.4, 314.7, 0.0);  
( 608122.1, 4123011.7, 61.3, 314.7, 0.0); ( 608157.1, 4123011.7, 60.8, 321.0, 0.0);  
( 608192.1, 4123011.7, 61.5, 321.0, 0.0); ( 608227.1, 4123011.7, 62.4, 321.0, 0.0);  
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( 608717.1, 4123011.7, 64.5, 321.0, 0.0); ( 608017.1, 4123046.7, 60.6, 314.7, 0.0);  
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( 608192.1, 4123046.7, 62.7, 321.0, 0.0); ( 608717.1, 4123046.7, 64.4, 321.0, 0.0);  
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( 608087.1, 4123081.7, 61.7, 314.7, 0.0); ( 608122.1, 4123081.7, 62.2, 321.0, 0.0);  
( 608157.1, 4123081.7, 63.3, 321.0, 0.0); ( 608472.1, 4123081.7, 63.9, 321.0, 0.0);  
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( 608542.1, 4123151.7, 64.1, 321.0, 0.0); ( 608647.1,
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4123151.7, 65.6, 321.0, 0.0);
( 608647.1, 4123186.7, 65.7, 321.0, 0.0); ( 608682.1,
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( 608717.1, 4123186.7, 66.0, 321.0, 0.0); ( 608507.1,
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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/19/21

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*** AERMET - VERSION 14134 *** ***
*** 14:53:04

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

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( 608542.1, 4123221.7, 65.2, 321.0, 0.0); ( 608577.1,
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( 608577.1, 4123256.7, 65.6, 321.0, 0.0); ( 608647.1,
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( 608403.0, 4122766.2, 62.0, 321.0, 0.0); ( 608439.1,
4122799.6, 62.0, 321.0, 0.0);
( 608474.1, 4122799.6, 62.7, 321.0, 0.0); ( 608439.1,
4122834.6, 62.6, 321.0, 0.0);
( 608474.1, 4122834.6, 63.3, 321.0, 0.0); ( 608439.1,
4122694.6, 62.8, 314.7, 0.0);
( 608474.1, 4122694.6, 62.7, 321.0, 0.0); ( 608509.1,
4122694.6, 62.8, 321.0, 0.0);
( 608544.1, 4122694.6, 62.8, 321.0, 0.0); ( 608579.1,
4122694.6, 62.8, 321.0, 0.0);
( 608439.1, 4122729.6, 62.8, 321.0, 0.0); ( 608474.1,
4122729.6, 62.3, 321.0, 0.0);
( 608509.1, 4122729.6, 62.4, 321.0, 0.0); ( 608544.1,
4122729.6, 63.0, 321.0, 0.0);
( 608579.1, 4122729.6, 62.9, 321.0, 0.0); ( 608439.1,
4122764.6, 62.1, 321.0, 0.0);
( 608474.1, 4122764.6, 62.6, 321.0, 0.0); ( 608509.1,
4122764.6, 62.7, 321.0, 0.0);
( 608544.1, 4122764.6, 63.5, 321.0, 0.0); ( 608766.9,
4122986.6, 64.9, 321.0, 0.0);
( 608801.9, 4122986.6, 65.3, 321.0, 0.0); ( 608766.9,
4123021.6, 64.2, 321.0, 0.0);
( 608801.9, 4123021.6, 64.9, 321.0, 0.0); ( 608766.9,
4123056.6, 64.3, 321.0, 0.0);
( 608801.9, 4123056.6, 64.5, 321.0, 0.0); ( 608766.9,
4123091.6, 64.7, 321.0, 0.0);
( 608801.9, 4123091.6, 65.0, 321.0, 0.0);

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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/19/21

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*** AERMET - VERSION 14134 *** ***

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*** 14:53:04

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\*\*\* UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

CATEGORIES \*\*\*

(METERS/SEC)

1.54, 3.09, 5.14, 8.23,

10.80,

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/19/21

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 14:53:04

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

DATA \*\*\*

Surface file: ..\724946.SFC  
Met Version: 14134  
Profile file: ..\724946.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93232  
Name: UNKNOWN

Upper air station no.: 23230  
Name:

OAKLAND/WSO\_AP

Year: 2009

Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
09	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	
1.00	999.00	999.			-9.0	999.0	-9.0							
09	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01	

1.00	0.00	0.	10.0	282.1	2.0								
09	01	01	1	08	-14.6	0.258	-9.000	-9.000	-999.	315.	106.7	0.09	1.01
0.74	3.36	323.	10.0	282.1	2.0								
09	01	01	1	09	-5.8	0.275	-9.000	-9.000	-999.	346.	324.0	0.09	1.01
0.39	3.36	307.	10.0	282.1	2.0								
09	01	01	1	10	8.2	0.291	0.289	0.016	107.	377.	-274.8	0.09	1.01
0.27	3.36	311.	10.0	282.1	2.0								
09	01	01	1	11	17.3	0.297	0.448	0.016	189.	389.	-138.5	0.09	1.01
0.23	3.36	314.	10.0	282.1	2.0								
09	01	01	1	12	22.3	-9.000	-9.000	-9.000	257.	-999.	-99999.0	0.14	1.01
0.21	0.00	0.	10.0	282.1	2.0								
09	01	01	1	13	23.1	0.301	0.584	0.016	312.	396.	-106.7	0.09	1.01
0.21	3.36	313.	10.0	282.1	2.0								
09	01	01	1	14	19.8	-9.000	-9.000	-9.000	353.	-999.	-99999.0	0.14	1.01
0.22	0.00	0.	10.0	283.1	2.0								
09	01	01	1	15	12.1	0.339	0.501	0.016	375.	473.	-291.2	0.17	1.01
0.25	3.36	42.	10.0	283.1	2.0								
09	01	01	1	16	25.3	0.263	0.664	0.017	420.	327.	-65.3	0.09	1.01
0.33	2.86	74.	10.0	284.1	2.0								
09	01	01	1	17	-13.7	0.251	-9.000	-9.000	-999.	301.	104.3	0.17	1.01
0.57	2.86	41.	10.0	283.1	2.0								
09	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	0.00	0.	10.0	282.1	2.0								
09	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	0.00	0.	10.0	282.1	2.0								
09	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	0.00	0.	10.0	281.1	2.0								
09	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	0.00	0.	10.0	281.1	2.0								
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	0.00	0.	10.0	280.1	2.0								
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	999.00	999.	-9.0	280.1	2.0								
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	1.01
1.00	999.00	999.	-9.0	280.1	2.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	-999.	-99.00	-999.0	99.0	-99.00	-99.00

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

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^ *** AERMOD - VERSION 21112 *** *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const *** 08/19/21
*** AERMET - VERSION 14134 *** ***
*** 14:53:04

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

VALUES FOR SOURCE GROUP: ALL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*

INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
608017.11	4122906.72	0.00003	608052.11
4122906.72	0.00003		
608087.11	4122906.72	0.00003	608122.11
4122906.72	0.00004		
608157.11	4122906.72	0.00004	608192.11
4122906.72	0.00005		
608227.11	4122906.72	0.00006	608262.11
4122906.72	0.00007		
608297.11	4122906.72	0.00008	608332.11
4122906.72	0.00010		
608367.11	4122906.72	0.00012	608612.11
4122906.72	0.00029		
608647.11	4122906.72	0.00026	608017.11
4122941.72	0.00003		
608052.11	4122941.72	0.00004	608087.11
4122941.72	0.00004		
608122.11	4122941.72	0.00005	608157.11
4122941.72	0.00005		
608192.11	4122941.72	0.00006	608227.11
4122941.72	0.00007		
608262.11	4122941.72	0.00009	608297.11
4122941.72	0.00011		
608332.11	4122941.72	0.00014	608507.11
4122941.72	0.00039		
608542.11	4122941.72	0.00031	608577.11
4122941.72	0.00028		
608612.11	4122941.72	0.00028	608647.11
4122941.72	0.00029		
608017.11	4122976.72	0.00004	608052.11

4122976.72	0.00004		
608087.11	4122976.72	0.00005	608122.11
4122976.72	0.00006		
608157.11	4122976.72	0.00007	608192.11
4122976.72	0.00008		
608227.11	4122976.72	0.00010	608262.11
4122976.72	0.00013		
608297.11	4122976.72	0.00017	608472.11
4122976.72	0.00034		
608507.11	4122976.72	0.00031	608542.11
4122976.72	0.00031		
608577.11	4122976.72	0.00035	608612.11
4122976.72	0.00045		
608717.11	4122976.72	0.00032	608017.11
4123011.72	0.00004		
608052.11	4123011.72	0.00005	608087.11
4123011.72	0.00006		
608122.11	4123011.72	0.00007	608157.11
4123011.72	0.00009		
608192.11	4123011.72	0.00011	608227.11
4123011.72	0.00014		
608437.11	4123011.72	0.00035	608472.11
4123011.72	0.00036		
608717.11	4123011.72	0.00021	608017.11
4123046.72	0.00005		
608052.11	4123046.72	0.00006	608087.11
4123046.72	0.00008		
608122.11	4123046.72	0.00009	608157.11
4123046.72	0.00012		
608192.11	4123046.72	0.00017	608717.11
4123046.72	0.00018		
608017.11	4123081.72	0.00006	608052.11
4123081.72	0.00008		
608087.11	4123081.72	0.00010	608122.11
4123081.72	0.00014		
608157.11	4123081.72	0.00020	608472.11
4123081.72	0.00027		
608507.11	4123081.72	0.00024	608542.11
4123081.72	0.00021		
608717.11	4123081.72	0.00016	608017.11
4123116.72	0.00008		
608052.11	4123116.72	0.00011	608087.11
4123116.72	0.00016		
608437.11	4123116.72	0.00025	608472.11
4123116.72	0.00023		
608507.11	4123116.72	0.00021	608542.11
4123116.72	0.00019		
608717.11	4123116.72	0.00016	608017.11
4123151.72	0.00013		
608052.11	4123151.72	0.00019	608437.11

4123151.72 0.00024  
 \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/19/21  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 14:53:04

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 L0000022 , L0000023 , L0000024 , L0000025 , L0000026  
 , L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
608472.11	4123151.72	0.00022	608507.11
4123151.72	0.00020		
608542.11	4123151.72	0.00018	608647.11
4123151.72	0.00016		
608682.11	4123151.72	0.00016	608717.11
4123151.72	0.00016		
608647.11	4123186.72	0.00017	608682.11
4123186.72	0.00017		
608717.11	4123186.72	0.00018	608507.11
4123221.72	0.00022		
608542.11	4123221.72	0.00020	608577.11
4123221.72	0.00019		
608647.11	4123221.72	0.00019	608682.11
4123221.72	0.00020		
608717.11	4123221.72	0.00023	608542.11
4123256.72	0.00022		
608577.11	4123256.72	0.00021	608647.11
4123256.72	0.00024		
608682.11	4123256.72	0.00031	608717.11
4123256.72	0.00044		

4122799.62	608542.11	4123291.72	0.00024	608262.95
	0.00004			
4122799.62	608297.95	4122799.62	0.00004	608332.95
	0.00005			
4122801.23	608367.95	4122799.62	0.00005	608402.95
	0.00006			
4122834.62	608262.95	4122834.62	0.00004	608297.95
	0.00005			
4122834.62	608332.95	4122834.62	0.00006	608367.95
	0.00007			
4122869.62	608402.95	4122836.23	0.00008	608262.95
	0.00005			
4122869.62	608297.95	4122869.62	0.00006	608332.95
	0.00007			
4122871.23	608367.95	4122869.62	0.00009	608402.95
	0.00011			
4122694.62	608262.95	4122694.62	0.00002	608297.95
	0.00002			
4122694.62	608332.95	4122694.62	0.00003	608367.95
	0.00003			
4122729.62	608402.95	4122696.23	0.00003	608262.95
	0.00003			
4122729.62	608297.95	4122729.62	0.00003	608332.95
	0.00003			
4122731.23	608367.95	4122729.62	0.00003	608402.95
	0.00004			
4122764.62	608262.95	4122764.62	0.00003	608297.95
	0.00003			
4122764.62	608332.95	4122764.62	0.00004	608367.95
	0.00004			
4122799.62	608402.95	4122766.23	0.00005	608439.11
	0.00007			
4122834.62	608474.11	4122799.62	0.00008	608439.11
	0.00009			
4122694.62	608474.11	4122834.62	0.00011	608439.11
	0.00004			
4122694.62	608474.11	4122694.62	0.00004	608509.11
	0.00005			
4122694.62	608544.11	4122694.62	0.00005	608579.11
	0.00006			
4122729.62	608439.11	4122729.62	0.00004	608474.11
	0.00005			
4122729.62	608509.11	4122729.62	0.00006	608544.11
	0.00006			
4122764.62	608579.11	4122729.62	0.00007	608439.11
	0.00005			
4122764.62	608474.11	4122764.62	0.00006	608509.11
	0.00007			
4122986.59	608544.11	4122764.62	0.00009	608766.92
	0.00026			



608801.92	4122986.59	0.00027	608766.92
4123021.59	0.00020		
608801.92	4123021.59	0.00022	608766.92
4123056.59	0.00018		
608801.92	4123056.59	0.00020	608766.92
4123091.59	0.00017		
608801.92	4123091.59	0.00020	

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/19/21  
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    \*\*\*      14:53:04

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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
    INCLUDING SOURCE(S):      L0000001      , L0000002  
   , L0000003      , L0000004      , L0000005      ,  
    L0000006      , L0000007      , L0000008      , L0000009      , L0000010  
   , L0000011      , L0000012      , L0000013      ,  
    L0000014      , L0000015      , L0000016      , L0000017      , L0000018  
   , L0000019      , L0000020      , L0000021      ,  
    L0000022      , L0000023      , L0000024      , L0000025      , L0000026  
   , L0000027      , L0000028      , . . .      ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
608017.11	4122906.72	0.00094	(09012821)	608052.11
4122906.72	0.00101	(13122819)		
608087.11	4122906.72	0.00105	(13122819)	608122.11
4122906.72	0.00102	(13122819)		
608157.11	4122906.72	0.00094	(13122817)	608192.11
4122906.72	0.00107	(13122817)		
608227.11	4122906.72	0.00112	(13122817)	608262.11
4122906.72	0.00124	(11121718)		
608297.11	4122906.72	0.00130	(11121718)	608332.11
4122906.72	0.00134	(13020320)		
608367.11	4122906.72	0.00146	(10032120)	608612.11
4122906.72	0.00135	(13040621)		
608647.11	4122906.72	0.00130	(13021120)	608017.11

4122941.72	0.00097	(09012821)	
608052.11	4122941.72	0.00108	(09012821) 608087.11
4122941.72	0.00118	(13122819)	
608122.11	4122941.72	0.00119	(13122819) 608157.11
4122941.72	0.00110	(13122819)	
608192.11	4122941.72	0.00118	(13122817) 608227.11
4122941.72	0.00127	(13122817)	
608262.11	4122941.72	0.00142	(11121718) 608297.11
4122941.72	0.00149	(11121718)	
608332.11	4122941.72	0.00158	(13020320) 608507.11
4122941.72	0.00171	(13021120)	
608542.11	4122941.72	0.00143	(13021120) 608577.11
4122941.72	0.00139	(13021120)	
608612.11	4122941.72	0.00144	(13021120) 608647.11
4122941.72	0.00157	(13021120)	
608017.11	4122976.72	0.00097	(12122920) 608052.11
4122976.72	0.00115	(09012821)	
608087.11	4122976.72	0.00128	(09012821) 608122.11
4122976.72	0.00138	(13122819)	
608157.11	4122976.72	0.00134	(13122819) 608192.11
4122976.72	0.00133	(13122817)	
608227.11	4122976.72	0.00147	(13122817) 608262.11
4122976.72	0.00167	(11121718)	
608297.11	4122976.72	0.00180	(11121718) 608472.11
4122976.72	0.00156	(13021120)	
608507.11	4122976.72	0.00150	(09030519) 608542.11
4122976.72	0.00158	(13021120)	
608577.11	4122976.72	0.00179	(13021120) 608612.11
4122976.72	0.00219	(13021120)	
608717.11	4122976.72	0.00149	(12011818) 608017.11
4123011.72	0.00108	(12122920)	
608052.11	4123011.72	0.00116	(09012821) 608087.11
4123011.72	0.00141	(09012821)	
608122.11	4123011.72	0.00158	(13122819) 608157.11
4123011.72	0.00163	(13122819)	
608192.11	4123011.72	0.00153	(13122819) 608227.11
4123011.72	0.00175	(13122817)	
608437.11	4123011.72	0.00168	(09030519) 608472.11
4123011.72	0.00180	(09030519)	
608717.11	4123011.72	0.00111	(09022021) 608017.11
4123046.72	0.00128	(09012822)	
608052.11	4123046.72	0.00131	(12122920) 608087.11
4123046.72	0.00146	(09012821)	
608122.11	4123046.72	0.00178	(09012821) 608157.11
4123046.72	0.00203	(13122819)	
608192.11	4123046.72	0.00205	(13122819) 608717.11
4123046.72	0.00091	(09022722)	
608017.11	4123081.72	0.00158	(09012822) 608052.11
4123081.72	0.00165	(09012822)	
608087.11	4123081.72	0.00166	(12122920) 608122.11

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4123081.72      0.00196 (09012821)
    608157.11   4123081.72      0.00254 (09012821)      608472.11
4123081.72      0.00125 (09022021)
    608507.11   4123081.72      0.00112 (12011818)      608542.11
4123081.72      0.00102 (12011818)
    608717.11   4123081.72      0.00085 (09012822)      608017.11
4123116.72      0.00176 (09012822)
    608052.11   4123116.72      0.00200 (09012822)      608087.11
4123116.72      0.00229 (09012822)
    608437.11   4123116.72      0.00114 (09030519)      608472.11
4123116.72      0.00106 (09030519)
    608507.11   4123116.72      0.00099 (09030519)      608542.11
4123116.72      0.00093 (09030519)
    608717.11   4123116.72      0.00084 (09012822)      608017.11
4123151.72      0.00190 (09010822)
    608052.11   4123151.72      0.00225 (11022207)      608437.11
4123151.72      0.00117 (09030519)

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^ *** AERMOD - VERSION 21112 ***   *** C:\Lakes\AERMOD View\Rue Ferrari\Rue
Ferrari_Const\Rue Ferrari_Const ***   08/19/21
*** AERMET - VERSION 14134 ***   ***
***                               ***   14:53:04

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
, L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
, L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
, L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_2.5 IN MICROGRAMS/M\*\*3

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X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
-----
    608472.11 4123151.72 0.00107 (09030519) 608507.11
4123151.72 0.00099 (09030519)
    608542.11 4123151.72 0.00093 (09030519) 608647.11
4123151.72 0.00079 (09030519)

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608682.11	4123151.72	0.00080	(09030519)	608717.11
4123151.72	0.00087	(09010822)		
608647.11	4123186.72	0.00085	(10110120)	608682.11
4123186.72	0.00089	(10110120)		
608717.11	4123186.72	0.00098	(09030519)	608507.11
4123221.72	0.00107	(12011818)		
608542.11	4123221.72	0.00099	(12011818)	608577.11
4123221.72	0.00094	(12011818)		
608647.11	4123221.72	0.00100	(10110120)	608682.11
4123221.72	0.00109	(09030519)		
608717.11	4123221.72	0.00130	(09030519)	608542.11
4123256.72	0.00111	(12011818)		
608577.11	4123256.72	0.00104	(12011818)	608647.11
4123256.72	0.00129	(10110120)		
608682.11	4123256.72	0.00174	(09030519)	608717.11
4123256.72	0.00228	(13021120)		
608542.11	4123291.72	0.00122	(12011818)	608262.95
4122799.62	0.00092	(11121718)		
608297.95	4122799.62	0.00095	(11121718)	608332.95
4122799.62	0.00095	(13020320)		
608367.95	4122799.62	0.00102	(13020320)	608402.95
4122801.23	0.00105	(13020320)		
608262.95	4122834.62	0.00100	(11121718)	608297.95
4122834.62	0.00104	(11121718)		
608332.95	4122834.62	0.00106	(13020320)	608367.95
4122834.62	0.00113	(13020320)		
608402.95	4122836.23	0.00118	(10032120)	608262.95
4122869.62	0.00111	(11121718)		
608297.95	4122869.62	0.00116	(11121718)	608332.95
4122869.62	0.00118	(13020320)		
608367.95	4122869.62	0.00125	(13020320)	608402.95
4122871.23	0.00139	(10032120)		
608262.95	4122694.62	0.00073	(11121718)	608297.95
4122694.62	0.00075	(11121718)		
608332.95	4122694.62	0.00074	(11121718)	608367.95
4122694.62	0.00079	(13020320)		
608402.95	4122696.23	0.00083	(13020320)	608262.95
4122729.62	0.00078	(11121718)		
608297.95	4122729.62	0.00081	(11121718)	608332.95
4122729.62	0.00080	(11121718)		
608367.95	4122729.62	0.00086	(13020320)	608402.95
4122731.23	0.00090	(13020320)		
608262.95	4122764.62	0.00084	(11121718)	608297.95
4122764.62	0.00087	(11121718)		
608332.95	4122764.62	0.00087	(13020320)	608367.95
4122764.62	0.00093	(13020320)		
608402.95	4122766.23	0.00097	(13020320)	608439.11
4122799.62	0.00113	(10032120)		
608474.11	4122799.62	0.00121	(10032120)	608439.11
4122834.62	0.00130	(10032120)		

608474.11	4122834.62	0.00139	(10032120)	608439.11
4122694.62	0.00085	(13020320)		
608474.11	4122694.62	0.00087	(10032120)	608509.11
4122694.62	0.00093	(10032120)		
608544.11	4122694.62	0.00096	(10032120)	608579.11
4122694.62	0.00098	(10032120)		
608439.11	4122729.62	0.00091	(13020320)	608474.11
4122729.62	0.00097	(10032120)		
608509.11	4122729.62	0.00102	(10032120)	608544.11
4122729.62	0.00106	(10032120)		
608579.11	4122729.62	0.00107	(10032120)	608439.11
4122764.62	0.00099	(10032120)		
608474.11	4122764.62	0.00108	(10032120)	608509.11
4122764.62	0.00113	(10032120)		
608544.11	4122764.62	0.00117	(10032120)	608766.92
4122986.59	0.00141	(09022722)		
608801.92	4122986.59	0.00177	(09022722)	608766.92
4123021.59	0.00121	(09022722)		
608801.92	4123021.59	0.00152	(09022722)	608766.92
4123056.59	0.00111	(09022722)		
608801.92	4123056.59	0.00137	(09022722)	608766.92
4123091.59	0.00104	(09022722)		
608801.92	4123091.59	0.00129	(09022722)	

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 Ferrari\_Const\Rue Ferrari\_Const \*\*\*      08/19/21  
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\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: ALL      \*\*\*  
                                  INCLUDING SOURCE(S):    L0000001    , L0000002  
   , L0000003    , L0000004    , L0000005    ,  
                                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010  
   , L0000011    , L0000012    , L0000013    ,  
                                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018  
   , L0000019    , L0000020    , L0000021    ,  
                                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026  
   , L0000027    , L0000028    , . . .    ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>2.5</sub>    IN MICROGRAMS/M<sup>3</sup>

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
-------------	-------------	------	------------	-------------

Y-COORD (M)	CONC	(YYMMDDHH)	
608017.11	4122906.72	0.00015m (10121924)	608052.11
4122906.72	0.00015m (10121924)		
608087.11	4122906.72	0.00016m (10121924)	608122.11
4122906.72	0.00016m (10121924)		
608157.11	4122906.72	0.00016m (10121924)	608192.11
4122906.72	0.00017m (10121924)		
608227.11	4122906.72	0.00018m (10121924)	608262.11
4122906.72	0.00019m (10121924)		
608297.11	4122906.72	0.00021m (10121924)	608332.11
4122906.72	0.00023m (10121924)		
608367.11	4122906.72	0.00025m (10121924)	608612.11
4122906.72	0.00033m (10121924)		
608647.11	4122906.72	0.00031m (10121924)	608017.11
4122941.72	0.00016m (10121924)		
608052.11	4122941.72	0.00017m (10121924)	608087.11
4122941.72	0.00018m (10121924)		
608122.11	4122941.72	0.00018m (10121924)	608157.11
4122941.72	0.00018m (10121924)		
608192.11	4122941.72	0.00019m (10121924)	608227.11
4122941.72	0.00021m (10121924)		
608262.11	4122941.72	0.00023m (10121924)	608297.11
4122941.72	0.00025m (10121924)		
608332.11	4122941.72	0.00028m (10121924)	608507.11
4122941.72	0.00043m (09030424)		
608542.11	4122941.72	0.00036m (10121924)	608577.11
4122941.72	0.00034m (10121924)		
608612.11	4122941.72	0.00034m (10121924)	608647.11
4122941.72	0.00036m (13091424)		
608017.11	4122976.72	0.00018m (10121924)	608052.11
4122976.72	0.00019m (10121924)		
608087.11	4122976.72	0.00020m (10121924)	608122.11
4122976.72	0.00020m (10121924)		
608157.11	4122976.72	0.00021m (10121924)	608192.11
4122976.72	0.00022m (10121924)		
608227.11	4122976.72	0.00024m (10121924)	608262.11
4122976.72	0.00028m (10121924)		
608297.11	4122976.72	0.00032m (10121924)	608472.11
4122976.72	0.00038m (10121924)		
608507.11	4122976.72	0.00036m (13091424)	608542.11
4122976.72	0.00038m (13091424)		
608577.11	4122976.72	0.00042m (13091424)	608612.11
4122976.72	0.00052m (13091424)		
608717.11	4122976.72	0.00045m (09030424)	608017.11
4123011.72	0.00020m (10121924)		
608052.11	4123011.72	0.00022m (10121924)	608087.11
4123011.72	0.00023m (10121924)		
608122.11	4123011.72	0.00024m (10121924)	608157.11

4123011.72	0.00025m (10121924)	
608192.11	4123011.72	0.00027m (10121924) 608227.11
4123011.72	0.00030m (10121924)	
608437.11	4123011.72	0.00041m (13091424) 608472.11
4123011.72	0.00044m (13091424)	
608717.11	4123011.72	0.00031m (09030424) 608017.11
4123046.72	0.00023m (10121924)	
608052.11	4123046.72	0.00025m (10121924) 608087.11
4123046.72	0.00027m (10121924)	
608122.11	4123046.72	0.00029m (10121924) 608157.11
4123046.72	0.00032m (10121924)	
608192.11	4123046.72	0.00036b (10121824) 608717.11
4123046.72	0.00025m (09030424)	
608017.11	4123081.72	0.00027m (10121924) 608052.11
4123081.72	0.00029m (10121924)	
608087.11	4123081.72	0.00033m (10121924) 608122.11
4123081.72	0.00038m (10121924)	
608157.11	4123081.72	0.00044m (10121924) 608472.11
4123081.72	0.00035m (09030424)	
608507.11	4123081.72	0.00030m (09030424) 608542.11
4123081.72	0.00027m (09030424)	
608717.11	4123081.72	0.00023m (10121924) 608017.11
4123116.72	0.00031m (10121924)	
608052.11	4123116.72	0.00036m (10121924) 608087.11
4123116.72	0.00043m (10121924)	
608437.11	4123116.72	0.00030m (09030424) 608472.11
4123116.72	0.00027m (09030424)	
608507.11	4123116.72	0.00025b (09010824) 608542.11
4123116.72	0.00023b (09010824)	
608717.11	4123116.72	0.00022m (10121924) 608017.11
4123151.72	0.00038m (10121924)	
608052.11	4123151.72	0.00046m (10121924) 608437.11
4123151.72	0.00029m (13091424)	

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): L0000001 , L0000002  
 , L0000003 , L0000004 , L0000005 ,  
 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010  
 , L0000011 , L0000012 , L0000013 ,  
 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018  
 , L0000019 , L0000020 , L0000021 ,  
 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026

, L0000027 , L0000028 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
608472.11	4123151.72	0.00026b	(09032024)	608507.11
4123151.72	0.00024b	(09010824)		
608542.11	4123151.72	0.00022b	(09010824)	608647.11
4123151.72	0.00020b	(09010824)		
608682.11	4123151.72	0.00021m	(10121924)	608717.11
4123151.72	0.00023m	(10121924)		
608647.11	4123186.72	0.00020b	(09010824)	608682.11
4123186.72	0.00021m	(10121924)		
608717.11	4123186.72	0.00024m	(10121924)	608507.11
4123221.72	0.00026m	(10020724)		
608542.11	4123221.72	0.00024b	(09032024)	608577.11
4123221.72	0.00022b	(09010824)		
608647.11	4123221.72	0.00022b	(12121724)	608682.11
4123221.72	0.00025m	(13091424)		
608717.11	4123221.72	0.00028m	(13091424)	608542.11
4123256.72	0.00025b	(09032024)		
608577.11	4123256.72	0.00025b	(12121724)	608647.11
4123256.72	0.00031m	(13091424)		
608682.11	4123256.72	0.00040m	(13091424)	608717.11
4123256.72	0.00050m	(13091424)		
608542.11	4123291.72	0.00029b	(12121724)	608262.95
4122799.62	0.00014m	(10121924)		
608297.95	4122799.62	0.00014m	(10121924)	608332.95
4122799.62	0.00015m	(10121924)		
608367.95	4122799.62	0.00015m	(10121924)	608402.95
4122801.23	0.00016m	(10121924)		
608262.95	4122834.62	0.00015m	(10121924)	608297.95
4122834.62	0.00016m	(10121924)		
608332.95	4122834.62	0.00017m	(10121924)	608367.95
4122834.62	0.00018m	(10121924)		
608402.95	4122836.23	0.00019m	(10121924)	608262.95
4122869.62	0.00017m	(10121924)		
608297.95	4122869.62	0.00018m	(10121924)	608332.95
4122869.62	0.00019m	(10121924)		
608367.95	4122869.62	0.00020m	(10121924)	608402.95
4122871.23	0.00023m	(10121924)		
608262.95	4122694.62	0.00010m	(10121924)	608297.95
4122694.62	0.00010m	(10121924)		





\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M<sup>3</sup>

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	
ALL	1ST HIGHEST VALUE IS	0.00045 AT (	608612.11, 4122976.72,
63.60,	320.98, 0.00) DC	0.00044 AT (	608717.11, 4123256.72,
66.06,	320.98, 0.00) DC	0.00039 AT (	608507.11, 4122941.72,
64.46,	320.98, 0.00) DC	0.00036 AT (	608472.11, 4123011.72,
63.15,	320.98, 0.00) DC	0.00035 AT (	608437.11, 4123011.72,
63.22,	320.98, 0.00) DC	0.00035 AT (	608577.11, 4122976.72,
63.47,	320.98, 0.00) DC	0.00034 AT (	608472.11, 4122976.72,
63.48,	320.98, 0.00) DC	0.00032 AT (	608717.11, 4122976.72,
64.25,	320.98, 0.00) DC	0.00031 AT (	608682.11, 4123256.72,
66.13,	320.98, 0.00) DC	0.00031 AT (	608542.11, 4122976.72,
63.15,	320.98, 0.00) DC		

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

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
 Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/19/21

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M\*\*3

\*\*

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

ALL HIGH 1ST HIGH VALUE IS 0.00254 ON 09012821: AT ( 608157.11,  
4123081.72, 63.27, 320.98, 0.00) DC

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

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/19/21

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN

\*\*\* THE SUMMARY OF HIGHEST 24-HR

RESULTS \*\*\*

\*\* CONC OF PM<sub>2.5</sub> IN MICROGRAMS/M\*\*3

\*\*

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

ALL HIGH 1ST HIGH VALUE IS 0.00052m ON 13091424: AT ( 608612.11,  
4122976.72, 63.60, 320.98, 0.00) DC

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

▲ \*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\AERMOD View\Rue Ferrari\Rue  
Ferrari\_Const\Rue Ferrari\_Const \*\*\* 08/19/21

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN

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

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

A Total of 0 Fatal Error Message(s)  
A Total of 0 Warning Message(s)  
A Total of 29124 Informational Message(s)  
  
A Total of 43872 Hours Were Processed  
  
A Total of 7247 Calm Hours Identified  
  
A Total of 21877 Missing Hours Identified ( 49.87 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!  
Data May Not Be Acceptable for Regulatory Applications.  
See Section 5.3.2 of "Meteorological Monitoring Guidance  
for Regulatory Modeling Applications" (EPA-454/R-99-005).

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

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

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

\*HARP - HRACalc v19044 8/18/2021 10:01:30 AM - Cancer Risk - Input File: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Construction\Rue Ferrari\_Const\_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBRE	CONC	RISK_SUM	SCENARIO	DETAILS	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK
1			9901	DieselExhF	0.0876	2.79E-05	3YrCancer	*	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2			107028	Acrolein	0	0.00E+00	3YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

PIG_RISK	CHICKEN_RISK	EGG_RISK	1ST_DRIVER	2ND_DRIVER	PASTURE_CONC	FISH_CONC	WATER_CONC
0.00E+00	0.00E+00	0.00E+00	NA	NA	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	NA	NA	0.00E+00	0.00E+00	0.00E+00

\*HARP - HRACalc v19044 8/18/2021 10:01:30 AM - Chronic Risk - Input File: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Construction\Rue Ferrari\_Const\_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBR	CONC	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL
1			9901	DieselExh	0.0876	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2			107028	Acrolein	0	NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
DETAILS			INH_CONC	SOIL_DOSI	DERMAL_I	MMILK_D	WATER_D	FISH_DOSI	CROP_DO	BEEF_DOS	DAIRY_DO	PIG_DOSE	CHICKEN_	EGG_DOSI	1ST_DRIVE	2ND_DRIV	3RD_DRIV	PASTURE_	FISH_CON	WATER_CC
*			8.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	NA	NA	0.00E+00	0.00E+00	0.00E+00
*			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	NA	NA	0.00E+00	0.00E+00	0.00E+00

\*HARP - HRACalc v19044 8/18/2021 10:01:30 AM - Acute Risk - Input File: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Construction\Rue Ferrari\_Const\_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBRECONC	SCENARIO CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE RESP	SKIN	EYE	BONE/TEE ENDO	BLOOD	ODOR	GENERAL
1			9901	DieselExhf	0.433 NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2			107028	Acrolein	0.433 NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-01	0.00E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00





\*HARP - HRACalc v19044 8/18/2021 2:57:28 PM - Acute Risk - Input File: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Construction\Rue Ferrari\_Const\_Tier4\_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBRECONC	SCENARIO CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE RESP	SKIN	EYE	BONE/TEE ENDO	BLOOD	ODOR	GENERAL
1			9901	DieselExhF	0.0539 NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2			107028	Acrolein	0.0539 NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	0.00E+00

\*HARP - HRACalc v19044 8/18/2021 2:57:28 PM - Chronic Risk - Input File: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Construction\Rue Ferrari\_Const\_Tier4\_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBR	CONC	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	DETAILS																																																											
1			9901	DieselExhF	0.0109	NonCancel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00 *																																																											
2			107028	Acrolein	0	NonCancel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00 *																																																											
<table border="1"> <thead> <tr> <th>INH_CONC</th> <th>SOIL_DOSI</th> <th>DERMAL_I</th> <th>MMILK_DI</th> <th>WATER_DI</th> <th>FISH_DOSI</th> <th>CROP_DOI</th> <th>BEEF_DOS</th> <th>DAIRY_DO</th> <th>PIG_DOSE</th> <th>CHICKEN_I</th> <th>EGG_DOSI</th> <th>1ST_DRIVE</th> <th>2ND_DRIV</th> <th>3RD_DRIV</th> <th>PASTURE_</th> <th>FISH_CONC</th> <th>WATER_CONC</th> </tr> </thead> <tbody> <tr> <td>1.09E-02</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> </tr> <tr> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> </tr> </tbody> </table>																					INH_CONC	SOIL_DOSI	DERMAL_I	MMILK_DI	WATER_DI	FISH_DOSI	CROP_DOI	BEEF_DOS	DAIRY_DO	PIG_DOSE	CHICKEN_I	EGG_DOSI	1ST_DRIVE	2ND_DRIV	3RD_DRIV	PASTURE_	FISH_CONC	WATER_CONC	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INH_CONC	SOIL_DOSI	DERMAL_I	MMILK_DI	WATER_DI	FISH_DOSI	CROP_DOI	BEEF_DOS	DAIRY_DO	PIG_DOSE	CHICKEN_I	EGG_DOSI	1ST_DRIVE	2ND_DRIV	3RD_DRIV	PASTURE_	FISH_CONC	WATER_CONC																																																															
1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00																																																												
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00																																																												



\*HARP - HRACalc v19044 8/19/2021 3:12:15 PM - Acute Risk - Input File: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Operation\Rue Ferrari\_Ops\_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBRECONC	SCENARIO CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE RESP	SKIN	EYE	BONE/TEE ENDO	BLOOD	ODOR	GENERAL
1			9901	DieselExhf	0.00254 NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2			107028	Acrolein	0.00254 NonCance	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00

\*HARP - HRACalc v19044 8/19/2021 3:12:15 PM - Chronic Risk - Input File: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Operation\Rue Ferrari\_Ops\_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBR	CONC	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	DETAILS
1			9901	DieselExh	0.00045	NonCancel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*
2			107028	Acrolein		0 NonCancel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*
INH_CONC SOIL_DOSI DERMAL_I MMILK_D WATER_D FISH_DOSI CROP_DO BEEF_DOS DAIRY_DO PIG_DOSE CHICKEN_I EGG_DOSI 1ST_DRIVE 2ND_DRIV 3RD_DRIV PASTURE_ FISH_CON WATER_CC																					
				4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	NA	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	NA	0.00E+00	0.00E+00	0.00E+00

HARP2 - HRACalc (dated 19044) 8/18/2021 10:01:30 AM - Output Log

GLCs loaded successfully

Pollutants loaded successfully

\*\*\*\*\*

RISK SCENARIO SETTINGS

Receptor Type: Resident

Scenario: All

Calculation Method: HighEnd

\*\*\*\*\*

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25

Total Exposure Duration: 3

Exposure Duration Bin Distribution

3rd Trimester Bin: 0.25

0<2 Years Bin: 2

2<9 Years Bin: 1

2<16 Years Bin: 0

16<30 Years Bin: 0

16 to 70 Years Bin: 0

\*\*\*\*\*

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True

Soil: False

Dermal: False

Mother's milk: False

Water: False

Fish: False

Homegrown crops: False

Beef: False

Dairy: False

Pig: False

Chicken: False

Egg: False

\*\*\*\*\*

INHALATION

Daily breathing rate: LongTerm24HR

\*\*Worker Adjustment Factors\*\*

Worker adjustment factors enabled: NO

**\*\*Fraction at time at home\*\***  
3rd Trimester to 16 years: ON  
16 years to 70 years: ON

\*\*\*\*\*  
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk saved to: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Construction\Rue Ferrari\_Const\_CancerRisk.csv

Calculating chronic risk

Chronic risk saved to: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Construction\Rue Ferrari\_Const\_NCChronicRisk.csv

Calculating acute risk

Acute risk saved to: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Construction\Rue Ferrari\_Const\_NCAcuteRisk.csv

HRA ran successfully

HARP2 - HRACalc (dated 19044) 8/18/2021 2:57:28 PM - Output Log

GLCs loaded successfully  
Pollutants loaded successfully  
\*\*\*\*\*

RISK SCENARIO SETTINGS

Receptor Type: Resident  
Scenario: All  
Calculation Method: HighEnd

\*\*\*\*\*  
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25  
Total Exposure Duration: 3

Exposure Duration Bin Distribution  
3rd Trimester Bin: 0.25  
0<2 Years Bin: 2  
2<9 Years Bin: 1  
2<16 Years Bin: 0  
16<30 Years Bin: 0  
16 to 70 Years Bin: 0

\*\*\*\*\*  
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True  
Soil: False  
Dermal: False  
Mother's milk: False  
Water: False  
Fish: False  
Homegrown crops: False  
Beef: False  
Dairy: False  
Pig: False  
Chicken: False  
Egg: False

\*\*\*\*\*  
INHALATION

Daily breathing rate: LongTerm24HR

\*\*Worker Adjustment Factors\*\*



Worker adjustment factors enabled: NO

**\*\*Fraction at time at home\*\***

3rd Trimester to 16 years: ON

16 years to 70 years: ON

\*\*\*\*\*

#### TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk saved to: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Construction\Rue Ferrari\_Const\_Tier4\_CancerRisk.csv

Calculating chronic risk

Chronic risk saved to: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Construction\Rue Ferrari\_Const\_Tier4\_NCChronicRisk.csv

Calculating acute risk

Acute risk saved to: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Construction\Rue Ferrari\_Const\_Tier4\_NCAcuteRisk.csv

HRA ran successfully

HARP2 - HRACalc (dated 19044) 8/19/2021 3:12:15 PM - Output Log

GLCs loaded successfully

Pollutants loaded successfully

\*\*\*\*\*

RISK SCENARIO SETTINGS

Receptor Type: Resident

Scenario: All

Calculation Method: HighEnd

\*\*\*\*\*

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25

Total Exposure Duration: 30

Exposure Duration Bin Distribution

3rd Trimester Bin: 0.25

0<2 Years Bin: 2

2<9 Years Bin: 0

2<16 Years Bin: 14

16<30 Years Bin: 14

16 to 70 Years Bin: 0

\*\*\*\*\*

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True

Soil: False

Dermal: False

Mother's milk: False

Water: False

Fish: False

Homegrown crops: False

Beef: False

Dairy: False

Pig: False

Chicken: False

Egg: False

\*\*\*\*\*

INHALATION

Daily breathing rate: LongTerm24HR

\*\*Worker Adjustment Factors\*\*

Worker adjustment factors enabled: NO

\*\*Fraction at time at home\*\*  
3rd Trimester to 16 years: ON  
16 years to 70 years: ON

\*\*\*\*\*  
TIER 2 SETTINGS  
Tier2 not used.

\*\*\*\*\*

Calculating cancer risk  
Cancer risk saved to: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Operation\Rue  
Ferrari\_Ops\_CancerRisk.csv  
Calculating chronic risk  
Chronic risk saved to: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Operation\Rue  
Ferrari\_Ops\_NCChronicRisk.csv  
Calculating acute risk  
Acute risk saved to: C:\Users\noemi.wyss\Desktop\HARP\Rue Ferrari\Operation\Rue  
Ferrari\_Ops\_NCAcuteRisk.csv  
HRA ran successfully