

**Air Quality Assessment  
2256 Junction Avenue Project  
City of San José, California**

Prepared by:

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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 2256 Junction Avenue project in the City of San José.

## 1.1 PROJECT LOCATION

The proposed project is located on 2256 Junction Avenue in 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 Light Industrial (LI) and existing zoning designation is Heavy Industrial (HI).

Currently, the project site is developed as a single-story industrial building. The existing single-story building is located in the center of the parcel and includes loading docks along the southern elevation. Surface parking is available throughout the site, with vehicle parking along the western (Junction Avenue) and southern (Dado Street) frontages and truck parking along the northern and eastern frontages. There is existing landscaping and trees along the western and southern boundaries of the project site. The project site also has existing surface lighting.

## 1.2 PROJECT DESCRIPTION

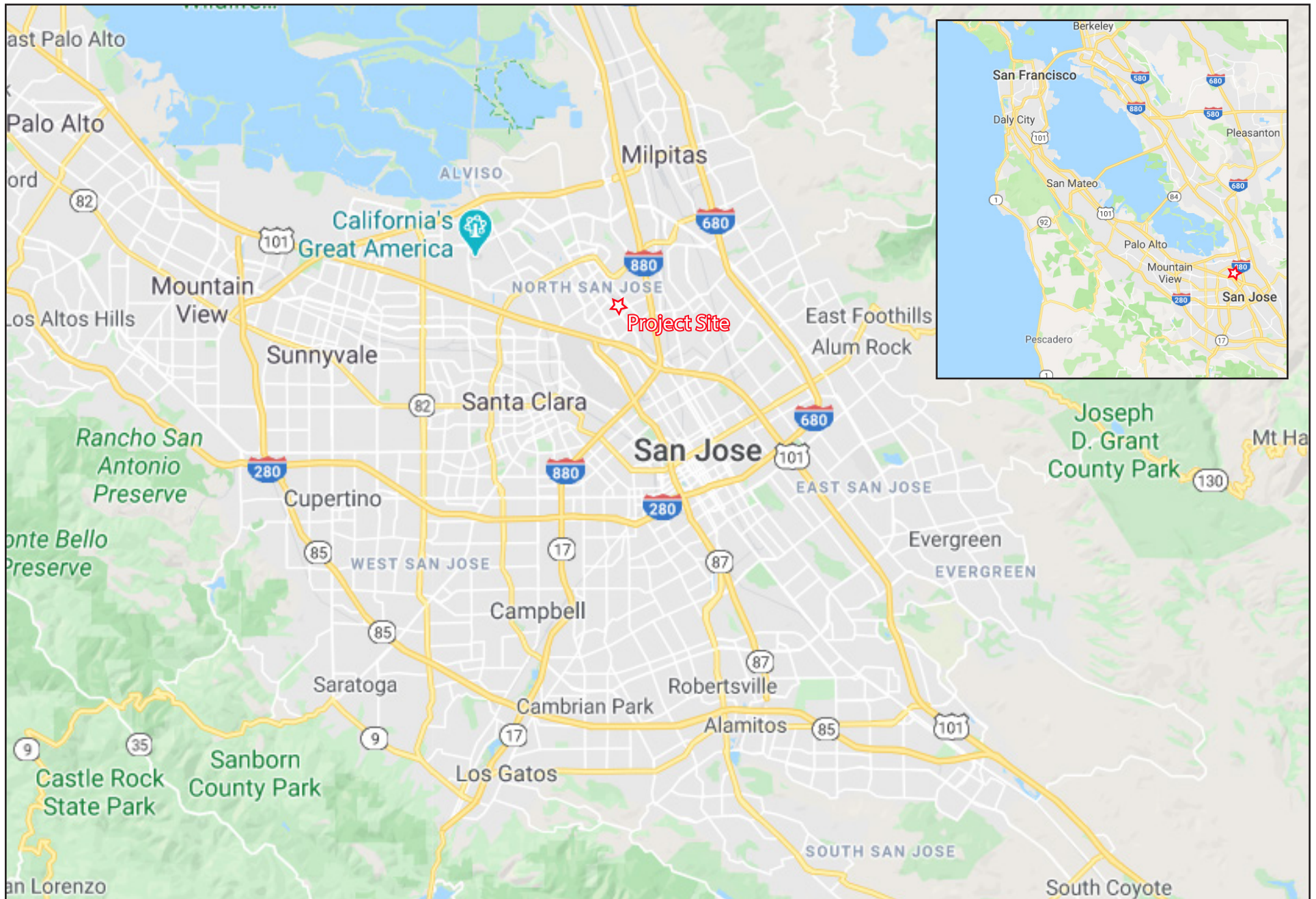
The proposed 2256 Junction Avenue project (project) is designed and proposed as a “last mile” e-commerce distribution center (delivery station). The project would demolish part of the existing warehouse building and construct a covered loading area on the north side of the warehouse building. Construction of the project is expected to commence in July 2021 and last for approximately 6 months. The proposed development would contain approximately 94,147 square feet of warehouse space, 13,572 square feet of office space, and 33,791 square feet of covered loading area, see [Figure 3: Site Plan](#). The enclosed area of the project would be 107,719 square feet compared to the existing 141,267 square feet warehouse building.

The proposed warehouse building would include 7 loading dock doors for trailer, box, and recycling trucks on the southeast side of the warehouse building. The covered loading area on the north side of the warehouse building would include 30 van loading stalls and 30 van queuing stalls. The proposed project also includes surface parking with 377 van stalls and 175 automobile stalls on site. Automobile parking would be located south of the warehouse building while the covered loading area and van parking would be located north of the warehouse building. Additionally, 18 motorcycle parking spaces and 14 bicycle parking spaces would be located around the office space. The primary pedestrian entrance to the building would be provided from Dado Street. Access to the project site would be provided by four driveways, two off Junction Avenue and two off Dado Street.

The existing site has mature landscape vegetation including trees and shrubs along the site boundary. Project implementation would remove existing vegetation on site, including 42 trees. Four existing trees would remain. The removed trees would be replaced according to tree replacement ratios required by the City. Twenty-six (26) street trees would be provided along Junction Avenue and Dado Street. Fifty-five

(55) parking lot shade trees and would be planted along with 77 trees of various species throughout the project site resulting in a total of 158 trees planted as part of the proposed project. Additional landscaping throughout the site would include a mix of grasses, shrubs and groundcover.

The project site is designated as Light Industrial (LI) by the General Plan, which allows for warehousing uses. The project site is zoned as Heavy Industrial (HI). The HI Zoning District allows for a warehouse/distribution facility.



Source: Google Earth, 2020

**Figure 1: Regional Location**







Source: Nearmap, 2020

## Figure 2: Project Vicinity Map

2256 Junct on Avenue Project

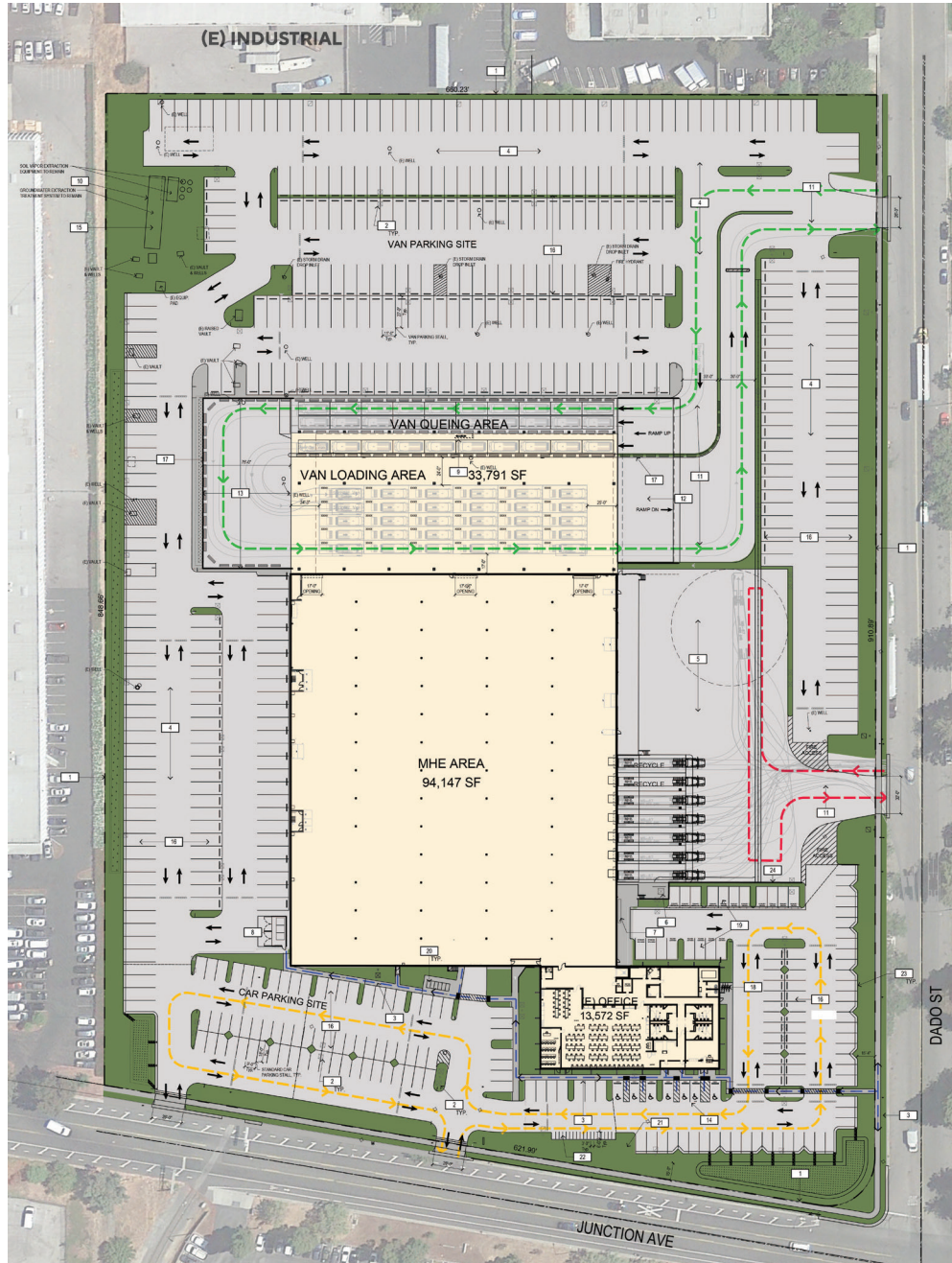


Not to scale

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Source: AO Architects, 2021

**Figure 3: Site Plan**

2256 Junction Avenue Project



Not to scale



## 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 September 22, 2020.</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 Los Gatos Monitoring Station (located approximately 6.75 miles southeast of the project site). The second closest is the San Jose-Jackson Street Monitoring Station located approximately 3.6 miles northeast of the project site. Local air quality data from 2016 to 2018 is provided in [Table 2: Ambient Air Quality Data](#) 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 2018 at one of the closest monitoring stations.



**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/aqdsselect.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 urban area in City of San José. The surrounding land uses are predominantly commercial and industrial, with some residences to the east. The eastern boundary of the

site is Dado Street. Table 3: Sensitive Receptors, lists the distances and locations of nearby sensitive receptors.

**Table 3: Sensitive Receptors**

Receptor Description	Distance and Direction from the Project Site
Sri Rajarajeshwari Temple	1,850 feet east
Single-family residential community	2,900 feet east
Community Child Care Council	3,170 feet west
Hilton Hotel	3,430 feet west



### 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 of California](#).

##### 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 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.

The Clean Air Plan assumptions for projected air emissions and pollutants in the City of San José are based on the Envision San José 2040 General Plan Land Use Designation Map which designates the project site use as “Light Industrial (LI)”. The project site is zoned “Heavy Industrial (HI)”. The HI Zoning District allows for warehouse, light to medium manufacturing, and wholesale establishments. The project would be consistent with the development assumptions for the land use. Therefore, the project is consistent with the General Plan assumptions. The proposed project consists of 312,548 square feet of industrial/commercial/office space consistent with the Envision San José 2040 General Plan Supplemental Program EIR land use designation and would not increase the regional population growth or cause changes in vehicle traffic that would obstruct implementation of the Clean Air Plan in the San Francisco Bay Area Basin.

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 207 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 207 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

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

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.

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> The project would not include uses that would generate new sources of TAC that would impact nearby sensitive receptors.
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 (also required per City of San José Environmental Standard Conditions).
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.

Control Measure	Project Consistency
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 requirements.
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 track out 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 vehicle speeds on unpaved roads under 15 mph, to minimize the creation of fugitive dust. See City of San José Environmental Standard 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 travel demand measures (TDM) such as mix of land uses and ride sharing. These TDM Programs 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> Bicycle facilities in the area include Junction Avenue, Montague Expressway, Brokaw Road, Trimble Road, Zanker Road, and North 1st Street which provide Class II bike lanes with buffered striping to separate the vehicle and bike travel way. The proposed project would include 13 bicycle parking spaces as well as bicycle and pedestrian access on the driveway.
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 transit stops at Montague Expressway / Trimble Road intersection and Brokaw Road / Junction 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 552 new parking spaces (377 van spaces and 175 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 22 daily truck

Control Measure	Project Consistency
	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 mitigation measure AQ-1, which requires construction equipment to meet the CARB Tier 4 emissions standards.
<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. The proposed development would be constructed in compliance with the City's Council Policy 6-32 and the City's Green Building Ordinance.
EN2: Decrease Electricity Demand	
<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 part of an existing warehouse building 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, 2020.	

The addition of 207 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 five months, beginning in April and concluding at the end of September. 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 April 2021 and last approximately two months. Project grading and construction of the covered van loading area is anticipated to begin in May 2021 and last approximately three months and will export approximately 5,000 cubic yards (cy) of soil. Paving was modeled to be completed August 2021 and Architectural Coating to be completed in September 2021. 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 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> )
<b>Unmitigated Scenario</b>						
2021	13.10	132.60	6.32	5.85	27.15	13.87
<i>BAAQMD Significance Threshold</i> <sup>2,3</sup>	54	54	82	54	<i>BMPs</i>	<i>BMPs</i>
<b>Exceed BAAQMD Threshold?</b>	<b>No</b>	<b>Yes</b>	<b>No</b>	<b>No</b>	<b>N/A</b>	<b>N/A</b>
<b>Mitigated Scenario<sup>1</sup></b>						

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> )
<b>Unmitigated Scenario</b>						
2021	9.50	16.44	0.27	0.27	12.43	6.15
<i>BAAQMD Significance Threshold</i> <sup>2,3</sup>	54	54	82	54	<i>BMPs</i>	<i>BMPs</i>
<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>
<p>1. Emissions were calculated using CalEEMod. Mitigated 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. Additionally, the mitigated scenario would implement Mitigation Measure AQ-1, which would require all off-road diesel powered construction equipment meet CARB Tier 4 Final emissions standards.</p> <p>2. Bay Area Air Quality Management District, California Environmental Quality Act Air Quality Guidelines, updated May 2017.</p> <p>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.</p> <p>Source: Refer to the CalEEMod outputs provided in Appendix A, <i>Air Quality Modeling Data</i>.</p>						

***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. See the above listed Standard Permit Conditions. As detailed in [Table 7](#), unmitigated project construction emissions would exceed the BAAQMD thresholds and construction emissions would result in a potentially significant impact. However, the proposed project would be required to use construction equipment that would meet CARB Tier 4 Final emissions standards in order to reduce NO<sub>x</sub> construction emissions. Implementation of Mitigation Measure AQ-1, would further reduce construction emissions, as detailed in [Table 7](#). With implementation of Mitigation Measure AQ-1, 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 Summer 2021 and lasting approximately three 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, and Mitigation Measure AQ-1 listed above, 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.

**Impact AQ-1:** Project construction would temporarily exceed BAAQMD threshold limits for nitrogen oxide (NO<sub>x</sub>).

### ***Mitigation Measure***

#### **MM AQ-1 *Additional Construction Mitigation Measure***

Prior to issuance of any demolition, grading permits, and/or building permits (whichever occurs earliest), the project applicant shall prepare and submit a construction operations plan that includes specifications of the equipment to be used during construction to the Director of Planning, Building and Code Enforcement or the Director's Designee. The plan shall be accompanied by a letter signed by an air quality specialist, verifying that the equipment included in the plan meets the standards set forth below.

- For all construction equipment larger than 25 horsepower operating on the site for more than two days continuously or 20 total hours, shall, at a minimum meet U.S. EPA Tier 4 emission standards.
- If Tier 4 equipment is not available, all construction equipment larger than 25 horsepower used at the site for more than two continuous days or 20 hours total shall meet U.S. EPA emission standards for Tier 3 engines and include particulate matter emissions control equivalent to CARB Level 3 verifiable diesel emission control devices that altogether achieve an 85 percent reduction in particulate matter exhaust in comparison to uncontrolled equipment.

The project applicant shall submit a construction operations plan prepared by the construction contractor that outlines how the contractor will achieve the measures outlined in this mitigation measure. The plan shall be submitted to the Director of Planning, Building and Code Enforcement or the Director's designee for review and approval prior to the issuance of any demolition, grading and/or building permits (whichever occurs earliest). The plan shall include, but not be limited to the following:

- List of activities and estimated timing.
- Equipment that would be used for each activity.
- Manufacturer's specifications for each equipment that provides the emissions level; or the manufacturer's specifications for devices that would be added to each piece of equipment to ensure the emissions level meet the thresholds in the mitigation measure.
- How the construction contractor will ensure that the measures listed are monitored.
- How the construction contractor will remedy any exceedance of the thresholds.
- How often and the method the construction contractor will use to report compliance with this mitigation measure.

## 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 and for most pollutants, project emissions will be less than the existing use.

**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	3.60	0.00	0.00	0.00	0.00	0.00
Energy	0.01	0.13	0.01	0.01	0.00	0.00
Mobile	0.66	6.75	0.10	0.10	1.99	0.54
<b>Total Emissions</b>	<b>4.27</b>	<b>6.88</b>	<b>0.11</b>	<b>0.11</b>	<b>1.99</b>	<b>0.54</b>
<b>Proposed Project</b>						
Area	2.82	0.00	0.00	0.00	0.00	0.00
Energy	0.01	0.10	0.01	0.01	0.00	0.00
Mobile	1.40	5.25	0.07	0.07	3.93	1.07
<b>Total Project Emissions</b>	<b>4.23</b>	<b>5.35</b>	<b>0.08</b>	<b>0.08</b>	<b>3.93</b>	<b>1.07</b>
<b>Net Emissions</b>						
Existing Project Site	4.27	6.88	0.11	0.11	1.99	0.54
Proposed Project	4.23	5.35	0.08	0.08	3.93	1.07
<b>Net Change</b>	<b>-0.04</b>	<b>-1.53</b>	<b>-0.03</b>	<b>-0.03</b>	<b>+1.94</b>	<b>+0.53</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, <i>Air Quality and GHG Data</i> .						

**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 700 daily vehicle trips. However, with applicable trip reductions including location-based mode-share the project would result in a net of 575 new trips. The existing site generates 284 vehicle trips, therefore the project would generate a net total of 291 additional daily trips. Per the Traffic Analysis the fleet mix for the proposed project is 351 passenger vehicles, 22 heavy-duty trucks, and 202 delivery vans.

*Total Operational Emissions.* As indicated in Table 8, net project operational emissions would not exceed BAAQMD thresholds and, as discussed before, most pollutants generated by the project will be less than the existing use. 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. As discussed above, the project's construction-related emissions with Mitigation Measure AQ-1 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 Mitigation Measure AQ-1, standard conditions, and City policies.

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

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.

### 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.

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. Additionally, as the project site is already disturbed and would not require excavation, grading operations would take approximately six days, which further limits the intensity and duration of heavy-duty equipment use. The majority of construction (i.e., the construction phase with the longest duration) would occur during the building phase, which uses the least amount of heavy-duty equipment.

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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).

Furthermore, even during the most intense month 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. The California Office of Environmental Health Hazard Assessment has not identified short-term health effects from DPM. 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. Additionally, the closest sensitive receptors are more than 1,000 feet from the project site and are outside of BAAQMD's zone of influence to have significant risk effects from and hazards. For these reasons, DPM generated by project construction activities would not expose sensitive receptors to substantial amounts of air toxics and the project would result in a less than significant impact. Therefore, impacts associated with construction activities would be less than significant.

### Operational Toxic Air Contaminants

The project includes the partial demolition and remodeling of one industrial building. According to the Transportation Analysis prepared, the project would include passenger vehicles, vans, and trucks. The project is anticipated to generate approximately 575 daily vehicle trips. However, the nearest sensitive receptor is approximately 1,850 feet from the project site. Operational TAC impacts would be less than significant.

Stationary sources within a 1,000-foot radius of the project site were reviewed using BAAQMD's Stationary Source Screening Analysis Tools. There were six stationary sources located within a 1,000-foot radius of the project site, as indicated in [Table 9: Cumulative Operational Health Risk](#).

**Table 9: Cumulative Operational Health Risk**

Emissions Sources	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	Cancer Risk (per million)	Hazard
<b>Stationary Sources</b>			
Wess-Del, Incorporated	0.00	0.00	0.00
Antique & Salvage Liquidators Inc	0.00	0.00	0.00
County of Santa Clara - Fleet Maintenance Facility	0.00	0.46	0.00
County of Santa Clara	0.02	3.73	0.02
AlSCO	0.57	0.23	0.00
Pacific Bell Corp	0.09	111.37	0.21
<b>Cumulative Health Risk Values</b>	<b>0.68</b>	<b>115.79</b>	<b>0.41</b>
<i>BAAQMD Cumulative Threshold</i>	<i>0.8</i>	<i>100</i>	<i>10</i>
<b>Threshold Exceeded?</b>	<b>No</b>	<b>Yes</b>	<b>No</b>
Source: BAAQMD's Stationary Source Screening Analysis Tools, 2020.			

As described above in [Table 9](#), cumulative impacts related to residential PM<sub>2.5</sub> and chronic hazard would be less than cumulatively considerable and within acceptable limits. Although cumulative cancer risk would exceed the BAAQMD's cumulative threshold of 100 in one million, the primary contributor to those concentrations is an existing Pacific Bell Corp facility located approximately 850 feet south of the project site. The Pacific Bell Corp facility has high cancer risk (111.37 parts per million) representing more than 96

percent of the total concentrations and are completely unrelated to the project. Additionally, the nearest sensitive receptors are located more than 1,000 feet from the project site.

Cumulative impacts are defined as two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts. As described above, the project is more than 1,000 feet away from the closest sensitive receptors and would be outside the zone of influence as defined by the BAAQMD. Worst-case PM<sub>2.5</sub> concentrations and chronic hazard levels for the project would be well below the BAAQMD's thresholds. CEQA Guidelines 15065(a)(3) states "... 'Cumulatively considerable' means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects." The incremental effect of the individual project is less than significant.<sup>3</sup> As the project is more than 1,000 feet away from sensitive receptors it would not have a combined effect. As such, although the related cumulative TAC sources in the project area exceed BAAQMD cumulative thresholds for cancer risk, the project's incremental effects would not be cumulatively considerable. 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 generate 291 net 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).

### 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.

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<sup>3</sup> CEQA case law has held that any additional emissions in an impacted area does not necessarily create a significant cumulative impact, finding that "the 'one [additional] molecule rule' is not the law" (Communities for a Better Environment v. California Resources Agency (2002) 103 Cal. App. 4th 98, 120).

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 (2020), the project would generate 575 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 107,719 SF industrial/commercial/office building with an outdoor storage for delivery vans which is not anticipated to generate odors. 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 with implementation of Mitigation Measure AQ-1. 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

1. Bay Area Air Quality Management District, *Planning Healthy Places*, 2016.
2. Bay Area Air Quality Management District, *CEQA Air Quality Guidelines*, 2017.
3. Bay Area Air Quality Management District, *Clean Air Plan*, 2017.
4. Bay Area Air Quality Management District, *Air Quality Standards and Attainment Status*, 2017.
5. Bay Area Air Quality Management District, *Current Rules*, 2017.
6. California Air Pollution Control Officers Association (CAPCOA), *Health Effects*, 2018.
7. California Air Pollution Control Officers Association (CAPCOA), *Health Risk Assessments for Proposed Land Use Projects*, 2009.
8. California Air Resources Board, *Aerometric Data Analysis and Measurement System (ADAM) Top Four Summaries from 2015 to 2017*, 2018.
9. California Air Resources Board, *Air Quality and Land Use Handbook: A Community Health Perspective*, 2005.
10. California Air Resources Board, *Current Air Quality Standards*, 2016.
11. California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, 2000.
12. City of San José, *General Plan*, 2018.
13. City of San José, *Municipal Code*, 2019.
14. Federal Highway Administration, *Interim Guidance on Mobile Source Air Toxic Analysis in NEPA Documents*, 2016.
15. Kimley-Horn & Associates, *2256 Junction Avenue Development Transportation Analysis*, March 2021.
16. Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program Risk Assessment Guidelines*, 2015.
17. United States Environmental Protection Agency, *National Ambient Air Quality Standards Table*, 2016.
18. United States Environmental Protection Agency, *Nonattainment Areas for Criteria Pollutants*, 2018.
19. United States Environmental Protection Agency, *Policy Assessment for the Review of the Lead National Ambient Air Quality Standards*, 2013.

## **Appendix A**

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### **Air Quality Modeling Data**

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

**2256 Junction Ave - Existing Conditions (Operations Only)**  
**Santa Clara County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	13.57	1000sqft	0.31	13,572.00	0
Unrefrigerated Warehouse-No Rail	127.94	1000sqft	2.94	127,938.00	0
Parking Lot	337.29	1000sqft	7.74	337,285.00	0
City Park	2.69	Acre	2.69	117,097.00	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>	2021
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	163	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

Project Characteristics - PG&E intensity factor per CR&SR 2019

Land Use - landscaping 117,097 sf based on pervious area, landscaping entered as "City Park", Parking Lot includes parking spaces and drive aisles

Construction Phase - No Construction - Operations Model Only

Off-road Equipment -

Off-road Equipment - Operations Only - No Construction

Trips and VMT - Operations Only - No Construction

Demolition -

Grading -

Vehicle Trips - Adjusted trip rate per Traffic Analysis, 284 ADT, passenger veh 185 /13.572 ksf= 13.631005010315355142941349837902 , trucks 99/127.938 ksf = 0.77381231534024293016930075505323

Vehicle Emission Factors - EMFAC2017 (2021) with SAFE Rule

Vehicle Emission Factors - EMFAC2017 (2021) with SAFE Rule

Vehicle Emission Factors - EMFAC2017 (2021) with SAFE Rule

Energy Use -

Construction Off-road Equipment Mitigation - BAAQMD rule compliance

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation - 2019 Title 24

Water Mitigation -

Waste Mitigation - Per Ab 939

Fleet Mix - adjusted fleet mix, truck mix based on CalEEMod default fleet mix

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15



2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblConstructionPhase	NumDays	300.00	1.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.54
tblFleetMix	LDA	0.61	1.00
tblFleetMix	LDA	0.61	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.9910e-003	0.00
tblFleetMix	LHD2	4.9910e-003	0.13
tblFleetMix	MCY	5.3340e-003	0.00
tblFleetMix	MCY	5.3340e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.6100e-004	0.00
tblFleetMix	MH	7.6100e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.33
tblFleetMix	OBUS	2.1150e-003	0.00
tblFleetMix	OBUS	2.1150e-003	0.00
tblFleetMix	SBUS	6.2300e-004	0.00
tblFleetMix	SBUS	6.2300e-004	0.00
tblFleetMix	UBUS	1.5540e-003	0.00
tblFleetMix	UBUS	1.5540e-003	0.00

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblLandUse	LandUseSquareFeet	13,570.00	13,572.00
tblLandUse	LandUseSquareFeet	127,940.00	127,938.00
tblLandUse	LandUseSquareFeet	337,290.00	337,285.00
tblLandUse	LandUseSquareFeet	117,176.40	117,097.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	163
tblTripsAndVMT	VendorTripNumber	98.00	0.00
tblTripsAndVMT	WorkerTripNumber	249.00	0.00
tblVehicleEF	HHD	0.49	0.03
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	2.56	5.63
tblVehicleEF	HHD	1.00	0.68
tblVehicleEF	HHD	3.70	5.9160e-003
tblVehicleEF	HHD	4,606.33	1,088.79
tblVehicleEF	HHD	1,643.47	1,552.03
tblVehicleEF	HHD	11.51	0.06
tblVehicleEF	HHD	21.11	5.97
tblVehicleEF	HHD	4.02	4.12
tblVehicleEF	HHD	19.48	1.86
tblVehicleEF	HHD	0.02	8.5660e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0300e-004	1.0000e-006
tblVehicleEF	HHD	0.02	8.1960e-003
tblVehicleEF	HHD	0.03	0.03

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	HHD	8.8230e-003	8.8680e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.4000e-005	1.0000e-006
tblVehicleEF	HHD	1.0400e-004	4.0000e-006
tblVehicleEF	HHD	5.6370e-003	1.8500e-004
tblVehicleEF	HHD	0.65	0.43
tblVehicleEF	HHD	6.4000e-005	2.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.9200e-004	1.1420e-003
tblVehicleEF	HHD	0.11	3.0000e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7700e-004	1.0000e-006
tblVehicleEF	HHD	1.0400e-004	4.0000e-006
tblVehicleEF	HHD	5.6370e-003	1.8500e-004
tblVehicleEF	HHD	0.76	0.50
tblVehicleEF	HHD	6.4000e-005	2.0000e-006
tblVehicleEF	HHD	0.21	0.21
tblVehicleEF	HHD	4.9200e-004	1.1420e-003
tblVehicleEF	HHD	0.12	3.0000e-006
tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	1.86	5.49
tblVehicleEF	HHD	1.01	0.68
tblVehicleEF	HHD	3.40	5.4380e-003
tblVehicleEF	HHD	4,878.22	1,086.60

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	HHD	1,643.47	1,552.03
tblVehicleEF	HHD	11.51	0.05
tblVehicleEF	HHD	21.79	5.81
tblVehicleEF	HHD	3.87	3.97
tblVehicleEF	HHD	19.45	1.86
tblVehicleEF	HHD	0.02	7.9790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0300e-004	1.0000e-006
tblVehicleEF	HHD	0.02	7.6330e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8230e-003	8.8680e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.4000e-005	1.0000e-006
tblVehicleEF	HHD	2.3900e-004	1.1000e-005
tblVehicleEF	HHD	6.0710e-003	2.0400e-004
tblVehicleEF	HHD	0.62	0.45
tblVehicleEF	HHD	1.3800e-004	6.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.7900e-004	1.1460e-003
tblVehicleEF	HHD	0.11	2.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7200e-004	1.0000e-006
tblVehicleEF	HHD	2.3900e-004	1.1000e-005
tblVehicleEF	HHD	6.0710e-003	2.0400e-004

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	HHD	0.71	0.52
tblVehicleEF	HHD	1.3800e-004	6.0000e-006
tblVehicleEF	HHD	0.21	0.21
tblVehicleEF	HHD	4.7900e-004	1.1460e-003
tblVehicleEF	HHD	0.12	3.0000e-006
tblVehicleEF	HHD	0.53	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.11	1.0000e-006
tblVehicleEF	HHD	3.52	5.82
tblVehicleEF	HHD	1.00	0.68
tblVehicleEF	HHD	3.97	6.3480e-003
tblVehicleEF	HHD	4,230.85	1,091.80
tblVehicleEF	HHD	1,643.47	1,552.03
tblVehicleEF	HHD	11.51	0.06
tblVehicleEF	HHD	20.18	6.18
tblVehicleEF	HHD	4.08	4.18
tblVehicleEF	HHD	19.50	1.86
tblVehicleEF	HHD	0.02	9.3780e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0300e-004	1.0000e-006
tblVehicleEF	HHD	0.02	8.9720e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8230e-003	8.8680e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.4000e-005	1.0000e-006



## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	HHD	5.4000e-005	2.0000e-006
tblVehicleEF	HHD	5.9130e-003	2.1100e-004
tblVehicleEF	HHD	0.71	0.41
tblVehicleEF	HHD	3.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	5.4600e-004	1.2330e-003
tblVehicleEF	HHD	0.12	3.0000e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.8100e-004	1.0000e-006
tblVehicleEF	HHD	5.4000e-005	2.0000e-006
tblVehicleEF	HHD	5.9130e-003	2.1100e-004
tblVehicleEF	HHD	0.81	0.47
tblVehicleEF	HHD	3.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.21	0.21
tblVehicleEF	HHD	5.4600e-004	1.2330e-003
tblVehicleEF	HHD	0.13	3.0000e-006
tblVehicleEF	LDA	4.1020e-003	2.6060e-003
tblVehicleEF	LDA	6.2620e-003	0.06
tblVehicleEF	LDA	0.57	0.66
tblVehicleEF	LDA	1.33	2.29
tblVehicleEF	LDA	254.67	257.27
tblVehicleEF	LDA	59.39	54.50
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.20
tblVehicleEF	LDA	1.6890e-003	1.4920e-003
tblVehicleEF	LDA	2.2650e-003	1.8990e-003

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LDA	1.5560e-003	1.3750e-003
tblVehicleEF	LDA	2.0820e-003	1.7460e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.08	0.26
tblVehicleEF	LDA	2.5500e-003	2.5450e-003
tblVehicleEF	LDA	6.1600e-004	5.3900e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.09	0.28
tblVehicleEF	LDA	4.5670e-003	2.9390e-003
tblVehicleEF	LDA	5.1860e-003	0.05
tblVehicleEF	LDA	0.67	0.78
tblVehicleEF	LDA	1.05	1.80
tblVehicleEF	LDA	274.58	276.95
tblVehicleEF	LDA	59.39	53.58
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.07	0.18
tblVehicleEF	LDA	1.6890e-003	1.4920e-003
tblVehicleEF	LDA	2.2650e-003	1.8990e-003
tblVehicleEF	LDA	1.5560e-003	1.3750e-003

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LDA	2.0820e-003	1.7460e-003
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.21
tblVehicleEF	LDA	0.07	0.21
tblVehicleEF	LDA	2.7510e-003	2.7400e-003
tblVehicleEF	LDA	6.1200e-004	5.3000e-004
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.21
tblVehicleEF	LDA	0.08	0.23
tblVehicleEF	LDA	3.9950e-003	2.5070e-003
tblVehicleEF	LDA	7.0990e-003	0.06
tblVehicleEF	LDA	0.56	0.65
tblVehicleEF	LDA	1.55	2.69
tblVehicleEF	LDA	251.39	254.04
tblVehicleEF	LDA	59.39	55.24
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.09	0.22
tblVehicleEF	LDA	1.6890e-003	1.4920e-003
tblVehicleEF	LDA	2.2650e-003	1.8990e-003
tblVehicleEF	LDA	1.5560e-003	1.3750e-003
tblVehicleEF	LDA	2.0820e-003	1.7460e-003

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.26
tblVehicleEF	LDA	0.10	0.29
tblVehicleEF	LDA	2.5170e-003	2.5130e-003
tblVehicleEF	LDA	6.2000e-004	5.4700e-004
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.26
tblVehicleEF	LDA	0.10	0.32
tblVehicleEF	LDT1	0.01	5.6210e-003
tblVehicleEF	LDT1	0.01	0.08
tblVehicleEF	LDT1	1.23	1.19
tblVehicleEF	LDT1	2.89	2.52
tblVehicleEF	LDT1	312.93	305.87
tblVehicleEF	LDT1	72.25	65.70
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.16	0.27
tblVehicleEF	LDT1	2.3880e-003	2.0630e-003
tblVehicleEF	LDT1	3.1640e-003	2.5760e-003
tblVehicleEF	LDT1	2.1990e-003	1.8990e-003
tblVehicleEF	LDT1	2.9100e-003	2.3690e-003
tblVehicleEF	LDT1	0.09	0.10

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.03	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.20	0.38
tblVehicleEF	LDT1	3.1440e-003	3.0270e-003
tblVehicleEF	LDT1	7.7300e-004	6.5000e-004
tblVehicleEF	LDT1	0.09	0.10
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.07	0.08
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.21	0.42
tblVehicleEF	LDT1	0.01	6.2670e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.42	1.38
tblVehicleEF	LDT1	2.27	1.97
tblVehicleEF	LDT1	336.30	326.14
tblVehicleEF	LDT1	72.25	64.61
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.14	0.24
tblVehicleEF	LDT1	2.3880e-003	2.0630e-003
tblVehicleEF	LDT1	3.1640e-003	2.5760e-003
tblVehicleEF	LDT1	2.1990e-003	1.8990e-003
tblVehicleEF	LDT1	2.9100e-003	2.3690e-003
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.27	0.22

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.15	0.63
tblVehicleEF	LDT1	0.16	0.31
tblVehicleEF	LDT1	3.3800e-003	3.2270e-003
tblVehicleEF	LDT1	7.6200e-004	6.3900e-004
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.15	0.16
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.15	0.63
tblVehicleEF	LDT1	0.18	0.34
tblVehicleEF	LDT1	9.8780e-003	5.4410e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.21	1.17
tblVehicleEF	LDT1	3.40	2.96
tblVehicleEF	LDT1	309.08	302.55
tblVehicleEF	LDT1	72.25	66.57
tblVehicleEF	LDT1	0.14	0.12
tblVehicleEF	LDT1	0.18	0.29
tblVehicleEF	LDT1	2.3880e-003	2.0630e-003
tblVehicleEF	LDT1	3.1640e-003	2.5760e-003
tblVehicleEF	LDT1	2.1990e-003	1.8990e-003
tblVehicleEF	LDT1	2.9100e-003	2.3690e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.26	0.20
tblVehicleEF	LDT1	0.04	0.00



2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.20	0.83
tblVehicleEF	LDT1	0.22	0.43
tblVehicleEF	LDT1	3.1050e-003	2.9940e-003
tblVehicleEF	LDT1	7.8200e-004	6.5900e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.26	0.20
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.83
tblVehicleEF	LDT1	0.24	0.47
tblVehicleEF	LDT2	5.9280e-003	4.0150e-003
tblVehicleEF	LDT2	8.2010e-003	0.08
tblVehicleEF	LDT2	0.77	0.92
tblVehicleEF	LDT2	1.72	2.97
tblVehicleEF	LDT2	357.28	335.42
tblVehicleEF	LDT2	82.63	72.55
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.14	0.32
tblVehicleEF	LDT2	1.6320e-003	1.4900e-003
tblVehicleEF	LDT2	2.2340e-003	1.8610e-003
tblVehicleEF	LDT2	1.5010e-003	1.3720e-003
tblVehicleEF	LDT2	2.0540e-003	1.7120e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.01	0.02

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.36
tblVehicleEF	LDT2	3.5790e-003	3.3180e-003
tblVehicleEF	LDT2	8.5600e-004	7.1800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.40
tblVehicleEF	LDT2	6.5840e-003	4.5100e-003
tblVehicleEF	LDT2	6.7950e-003	0.06
tblVehicleEF	LDT2	0.91	1.08
tblVehicleEF	LDT2	1.36	2.33
tblVehicleEF	LDT2	384.48	355.68
tblVehicleEF	LDT2	82.63	71.34
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.29
tblVehicleEF	LDT2	1.6320e-003	1.4900e-003
tblVehicleEF	LDT2	2.2340e-003	1.8610e-003
tblVehicleEF	LDT2	1.5010e-003	1.3720e-003
tblVehicleEF	LDT2	2.0540e-003	1.7120e-003
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.41

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LDT2	0.09	0.30
tblVehicleEF	LDT2	3.8520e-003	3.5190e-003
tblVehicleEF	LDT2	8.4900e-004	7.0600e-004
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	5.7750e-003	3.8670e-003
tblVehicleEF	LDT2	9.2910e-003	0.09
tblVehicleEF	LDT2	0.76	0.90
tblVehicleEF	LDT2	2.02	3.48
tblVehicleEF	LDT2	352.80	332.09
tblVehicleEF	LDT2	82.63	73.53
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.15	0.35
tblVehicleEF	LDT2	1.6320e-003	1.4900e-003
tblVehicleEF	LDT2	2.2340e-003	1.8610e-003
tblVehicleEF	LDT2	1.5010e-003	1.3720e-003
tblVehicleEF	LDT2	2.0540e-003	1.7120e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.09	0.53
tblVehicleEF	LDT2	0.13	0.41

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LDT2	3.5340e-003	3.2850e-003
tblVehicleEF	LDT2	8.6100e-004	7.2800e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.09	0.53
tblVehicleEF	LDT2	0.14	0.45
tblVehicleEF	LHD1	5.9570e-003	5.5240e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.20	0.92
tblVehicleEF	LHD1	2.95	1.18
tblVehicleEF	LHD1	8.98	9.08
tblVehicleEF	LHD1	704.65	823.31
tblVehicleEF	LHD1	33.88	12.42
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.31	0.93
tblVehicleEF	LHD1	1.09	0.36
tblVehicleEF	LHD1	8.6000e-004	7.8900e-004
tblVehicleEF	LHD1	9.9630e-003	9.6690e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0630e-003	2.8300e-004
tblVehicleEF	LHD1	8.2300e-004	7.5500e-004
tblVehicleEF	LHD1	2.4910e-003	2.4170e-003
tblVehicleEF	LHD1	0.01	0.01

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LHD1	9.7800e-004	2.6000e-004
tblVehicleEF	LHD1	2.8190e-003	2.2740e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.4030e-003	1.1320e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.33	0.58
tblVehicleEF	LHD1	0.30	0.09
tblVehicleEF	LHD1	9.0000e-005	8.8000e-005
tblVehicleEF	LHD1	6.9280e-003	8.0450e-003
tblVehicleEF	LHD1	3.9500e-004	1.2300e-004
tblVehicleEF	LHD1	2.8190e-003	2.2740e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4030e-003	1.1320e-003
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.33	0.58
tblVehicleEF	LHD1	0.33	0.10
tblVehicleEF	LHD1	5.9570e-003	5.5400e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.22	0.94
tblVehicleEF	LHD1	2.73	1.09
tblVehicleEF	LHD1	8.98	9.08
tblVehicleEF	LHD1	704.65	823.35
tblVehicleEF	LHD1	33.88	12.27

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.25	0.89
tblVehicleEF	LHD1	1.02	0.33
tblVehicleEF	LHD1	8.6000e-004	7.8900e-004
tblVehicleEF	LHD1	9.9630e-003	9.6690e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0630e-003	2.8300e-004
tblVehicleEF	LHD1	8.2300e-004	7.5500e-004
tblVehicleEF	LHD1	2.4910e-003	2.4170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.7800e-004	2.6000e-004
tblVehicleEF	LHD1	6.3880e-003	5.1730e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.9310e-003	2.3820e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.32	0.56
tblVehicleEF	LHD1	0.29	0.08
tblVehicleEF	LHD1	9.0000e-005	8.8000e-005
tblVehicleEF	LHD1	6.9280e-003	8.0460e-003
tblVehicleEF	LHD1	3.9100e-004	1.2100e-004
tblVehicleEF	LHD1	6.3880e-003	5.1730e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.9310e-003	2.3820e-003
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.32	0.56



## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LHD1	0.31	0.09
tblVehicleEF	LHD1	5.9570e-003	5.5110e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.17	0.90
tblVehicleEF	LHD1	3.17	1.26
tblVehicleEF	LHD1	8.98	9.08
tblVehicleEF	LHD1	704.65	823.28
tblVehicleEF	LHD1	33.88	12.56
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.34	0.95
tblVehicleEF	LHD1	1.15	0.38
tblVehicleEF	LHD1	8.6000e-004	7.8900e-004
tblVehicleEF	LHD1	9.9630e-003	9.6690e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0630e-003	2.8300e-004
tblVehicleEF	LHD1	8.2300e-004	7.5500e-004
tblVehicleEF	LHD1	2.4910e-003	2.4170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.7800e-004	2.6000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1330e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.3200e-004	5.8600e-004
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.37	0.65

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LHD1	0.32	0.09
tblVehicleEF	LHD1	9.0000e-005	8.8000e-005
tblVehicleEF	LHD1	6.9270e-003	8.0450e-003
tblVehicleEF	LHD1	3.9900e-004	1.2400e-004
tblVehicleEF	LHD1	1.4130e-003	1.1330e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	7.3200e-004	5.8600e-004
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.37	0.65
tblVehicleEF	LHD1	0.35	0.10
tblVehicleEF	LHD2	3.8320e-003	3.4180e-003
tblVehicleEF	LHD2	9.2950e-003	8.1220e-003
tblVehicleEF	LHD2	8.8580e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.71
tblVehicleEF	LHD2	1.37	0.71
tblVehicleEF	LHD2	14.07	14.19
tblVehicleEF	LHD2	720.29	796.11
tblVehicleEF	LHD2	25.14	8.35
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.95	1.13
tblVehicleEF	LHD2	0.53	0.21
tblVehicleEF	LHD2	1.2990e-003	1.3930e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7100e-004	1.5100e-004

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LHD2	1.2430e-003	1.3330e-003
tblVehicleEF	LHD2	2.6810e-003	2.6760e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.3300e-004	1.3800e-004
tblVehicleEF	LHD2	9.9400e-004	1.2620e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.0900e-004	6.1900e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.09	0.34
tblVehicleEF	LHD2	0.12	0.05
tblVehicleEF	LHD2	1.3700e-004	1.3600e-004
tblVehicleEF	LHD2	7.0090e-003	7.6920e-003
tblVehicleEF	LHD2	2.7600e-004	8.3000e-005
tblVehicleEF	LHD2	9.9400e-004	1.2620e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.0900e-004	6.1900e-004
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.09	0.34
tblVehicleEF	LHD2	0.13	0.06
tblVehicleEF	LHD2	3.8320e-003	3.4270e-003
tblVehicleEF	LHD2	9.4580e-003	8.2310e-003
tblVehicleEF	LHD2	8.3680e-003	9.5450e-003
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.64	0.72
tblVehicleEF	LHD2	1.27	0.66

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LHD2	14.07	14.19
tblVehicleEF	LHD2	720.29	796.12
tblVehicleEF	LHD2	25.14	8.26
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.91	1.08
tblVehicleEF	LHD2	0.50	0.19
tblVehicleEF	LHD2	1.2990e-003	1.3930e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7100e-004	1.5100e-004
tblVehicleEF	LHD2	1.2430e-003	1.3330e-003
tblVehicleEF	LHD2	2.6810e-003	2.6760e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.3300e-004	1.3800e-004
tblVehicleEF	LHD2	2.2540e-003	2.8810e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0660e-003	1.3090e-003
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.09	0.33
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3700e-004	1.3600e-004
tblVehicleEF	LHD2	7.0090e-003	7.6920e-003
tblVehicleEF	LHD2	2.7500e-004	8.2000e-005
tblVehicleEF	LHD2	2.2540e-003	2.8810e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LHD2	1.0660e-003	1.3090e-003
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.09	0.33
tblVehicleEF	LHD2	0.12	0.05
tblVehicleEF	LHD2	3.8320e-003	3.4110e-003
tblVehicleEF	LHD2	9.1660e-003	8.0350e-003
tblVehicleEF	LHD2	9.2820e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.70
tblVehicleEF	LHD2	1.47	0.76
tblVehicleEF	LHD2	14.07	14.19
tblVehicleEF	LHD2	720.29	796.09
tblVehicleEF	LHD2	25.14	8.44
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.97	1.15
tblVehicleEF	LHD2	0.56	0.22
tblVehicleEF	LHD2	1.2990e-003	1.3930e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7100e-004	1.5100e-004
tblVehicleEF	LHD2	1.2430e-003	1.3330e-003
tblVehicleEF	LHD2	2.6810e-003	2.6760e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.3300e-004	1.3800e-004
tblVehicleEF	LHD2	5.0200e-004	6.3200e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LHD2	2.6700e-004	3.2300e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.10	0.38
tblVehicleEF	LHD2	0.13	0.05
tblVehicleEF	LHD2	1.3700e-004	1.3600e-004
tblVehicleEF	LHD2	7.0090e-003	7.6920e-003
tblVehicleEF	LHD2	2.7800e-004	8.4000e-005
tblVehicleEF	LHD2	5.0200e-004	6.3200e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.6700e-004	3.2300e-004
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.10	0.38
tblVehicleEF	LHD2	0.14	0.06
tblVehicleEF	MCY	0.44	0.33
tblVehicleEF	MCY	0.16	0.26
tblVehicleEF	MCY	19.41	19.56
tblVehicleEF	MCY	10.14	8.98
tblVehicleEF	MCY	168.73	210.39
tblVehicleEF	MCY	45.97	61.76
tblVehicleEF	MCY	1.15	1.15
tblVehicleEF	MCY	0.32	0.27
tblVehicleEF	MCY	1.9370e-003	1.8930e-003
tblVehicleEF	MCY	3.9880e-003	3.2130e-003
tblVehicleEF	MCY	1.8140e-003	1.7720e-003
tblVehicleEF	MCY	3.7640e-003	3.0300e-003
tblVehicleEF	MCY	0.91	0.91



2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MCY	0.73	0.72
tblVehicleEF	MCY	0.50	0.50
tblVehicleEF	MCY	2.24	2.25
tblVehicleEF	MCY	0.63	2.13
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MCY	2.0700e-003	2.0820e-003
tblVehicleEF	MCY	6.9100e-004	6.1100e-004
tblVehicleEF	MCY	0.91	0.91
tblVehicleEF	MCY	0.73	0.72
tblVehicleEF	MCY	0.50	0.50
tblVehicleEF	MCY	2.77	2.77
tblVehicleEF	MCY	0.63	2.13
tblVehicleEF	MCY	2.43	2.14
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.14	0.22
tblVehicleEF	MCY	18.69	18.84
tblVehicleEF	MCY	8.94	7.86
tblVehicleEF	MCY	168.73	208.94
tblVehicleEF	MCY	45.97	58.88
tblVehicleEF	MCY	1.02	1.02
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	1.9370e-003	1.8930e-003
tblVehicleEF	MCY	3.9880e-003	3.2130e-003
tblVehicleEF	MCY	1.8140e-003	1.7720e-003
tblVehicleEF	MCY	3.7640e-003	3.0300e-003
tblVehicleEF	MCY	2.35	2.34
tblVehicleEF	MCY	0.95	0.95

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MCY	1.36	1.35
tblVehicleEF	MCY	2.16	2.17
tblVehicleEF	MCY	0.59	2.00
tblVehicleEF	MCY	1.87	1.63
tblVehicleEF	MCY	2.0560e-003	2.0680e-003
tblVehicleEF	MCY	6.6100e-004	5.8300e-004
tblVehicleEF	MCY	2.35	2.34
tblVehicleEF	MCY	0.95	0.95
tblVehicleEF	MCY	1.36	1.35
tblVehicleEF	MCY	2.67	2.67
tblVehicleEF	MCY	0.59	2.00
tblVehicleEF	MCY	2.03	1.78
tblVehicleEF	MCY	0.46	0.34
tblVehicleEF	MCY	0.19	0.30
tblVehicleEF	MCY	20.95	21.12
tblVehicleEF	MCY	11.55	10.28
tblVehicleEF	MCY	168.73	213.22
tblVehicleEF	MCY	45.97	64.91
tblVehicleEF	MCY	1.24	1.24
tblVehicleEF	MCY	0.34	0.29
tblVehicleEF	MCY	1.9370e-003	1.8930e-003
tblVehicleEF	MCY	3.9880e-003	3.2130e-003
tblVehicleEF	MCY	1.8140e-003	1.7720e-003
tblVehicleEF	MCY	3.7640e-003	3.0300e-003
tblVehicleEF	MCY	0.40	0.40
tblVehicleEF	MCY	0.88	0.86
tblVehicleEF	MCY	0.19	0.19

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MCY	2.34	2.35
tblVehicleEF	MCY	0.75	2.53
tblVehicleEF	MCY	2.59	2.30
tblVehicleEF	MCY	2.0980e-003	2.1100e-003
tblVehicleEF	MCY	7.2500e-004	6.4200e-004
tblVehicleEF	MCY	0.40	0.40
tblVehicleEF	MCY	0.88	0.86
tblVehicleEF	MCY	0.19	0.19
tblVehicleEF	MCY	2.88	2.89
tblVehicleEF	MCY	0.75	2.53
tblVehicleEF	MCY	2.81	2.50
tblVehicleEF	MDV	0.01	5.3420e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.32	1.10
tblVehicleEF	MDV	3.27	3.49
tblVehicleEF	MDV	473.55	406.59
tblVehicleEF	MDV	107.62	87.26
tblVehicleEF	MDV	0.16	0.12
tblVehicleEF	MDV	0.29	0.40
tblVehicleEF	MDV	1.8700e-003	1.6810e-003
tblVehicleEF	MDV	2.5800e-003	2.1330e-003
tblVehicleEF	MDV	1.7250e-003	1.5510e-003
tblVehicleEF	MDV	2.3740e-003	1.9630e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.03	0.02

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MDV	0.11	0.48
tblVehicleEF	MDV	0.25	0.47
tblVehicleEF	MDV	4.7450e-003	4.0190e-003
tblVehicleEF	MDV	1.1340e-003	8.6400e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.48
tblVehicleEF	MDV	0.28	0.51
tblVehicleEF	MDV	0.01	5.9460e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.52	1.27
tblVehicleEF	MDV	2.59	2.74
tblVehicleEF	MDV	508.67	427.55
tblVehicleEF	MDV	107.62	85.80
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.26	0.35
tblVehicleEF	MDV	1.8700e-003	1.6810e-003
tblVehicleEF	MDV	2.5800e-003	2.1330e-003
tblVehicleEF	MDV	1.7250e-003	1.5510e-003
tblVehicleEF	MDV	2.3740e-003	1.9630e-003
tblVehicleEF	MDV	0.14	0.17
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.12	0.14
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.10	0.44

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MDV	0.21	0.39
tblVehicleEF	MDV	5.0990e-003	4.2270e-003
tblVehicleEF	MDV	1.1220e-003	8.4900e-004
tblVehicleEF	MDV	0.14	0.17
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.12	0.14
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.10	0.44
tblVehicleEF	MDV	0.23	0.43
tblVehicleEF	MDV	0.01	5.1890e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.31	1.09
tblVehicleEF	MDV	3.82	4.10
tblVehicleEF	MDV	467.76	403.17
tblVehicleEF	MDV	107.62	88.44
tblVehicleEF	MDV	0.18	0.13
tblVehicleEF	MDV	0.32	0.43
tblVehicleEF	MDV	1.8700e-003	1.6810e-003
tblVehicleEF	MDV	2.5800e-003	2.1330e-003
tblVehicleEF	MDV	1.7250e-003	1.5510e-003
tblVehicleEF	MDV	2.3740e-003	1.9630e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.18	0.16
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.29	0.53

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MDV	4.6870e-003	3.9860e-003
tblVehicleEF	MDV	1.1440e-003	8.7500e-004
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.18	0.16
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.32	0.58
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	2.90	1.62
tblVehicleEF	MH	6.68	2.37
tblVehicleEF	MH	1,223.22	1,583.82
tblVehicleEF	MH	59.88	19.77
tblVehicleEF	MH	1.49	1.51
tblVehicleEF	MH	0.92	0.25
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2930e-003	3.1000e-004
tblVehicleEF	MH	3.2150e-003	3.2650e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1890e-003	2.8500e-004
tblVehicleEF	MH	0.98	0.87
tblVehicleEF	MH	0.08	0.07
tblVehicleEF	MH	0.33	0.29
tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.02	1.76

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MH	0.38	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.1500e-004	1.9600e-004
tblVehicleEF	MH	0.98	0.87
tblVehicleEF	MH	0.08	0.07
tblVehicleEF	MH	0.33	0.29
tblVehicleEF	MH	0.17	0.12
tblVehicleEF	MH	0.02	1.76
tblVehicleEF	MH	0.42	0.12
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.03	1.69
tblVehicleEF	MH	6.05	2.16
tblVehicleEF	MH	1,223.22	1,583.94
tblVehicleEF	MH	59.88	19.41
tblVehicleEF	MH	1.40	1.42
tblVehicleEF	MH	0.86	0.23
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2930e-003	3.1000e-004
tblVehicleEF	MH	3.2150e-003	3.2650e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1890e-003	2.8500e-004
tblVehicleEF	MH	2.22	1.97
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.71	0.62
tblVehicleEF	MH	0.13	0.09



## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MH	0.02	1.71
tblVehicleEF	MH	0.36	0.10
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.0400e-004	1.9200e-004
tblVehicleEF	MH	2.22	1.97
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.71	0.62
tblVehicleEF	MH	0.18	0.12
tblVehicleEF	MH	0.02	1.71
tblVehicleEF	MH	0.39	0.11
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.80	1.58
tblVehicleEF	MH	7.29	2.56
tblVehicleEF	MH	1,223.22	1,583.74
tblVehicleEF	MH	59.88	20.10
tblVehicleEF	MH	1.54	1.55
tblVehicleEF	MH	0.97	0.26
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2930e-003	3.1000e-004
tblVehicleEF	MH	3.2150e-003	3.2650e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1890e-003	2.8500e-004
tblVehicleEF	MH	0.48	0.43
tblVehicleEF	MH	0.10	0.09
tblVehicleEF	MH	0.18	0.16

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.03	1.89
tblVehicleEF	MH	0.41	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2600e-004	1.9900e-004
tblVehicleEF	MH	0.48	0.43
tblVehicleEF	MH	0.10	0.09
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	0.17	0.12
tblVehicleEF	MH	0.03	1.89
tblVehicleEF	MH	0.45	0.12
tblVehicleEF	MHD	0.02	3.3710e-003
tblVehicleEF	MHD	6.6980e-003	0.01
tblVehicleEF	MHD	0.06	9.5540e-003
tblVehicleEF	MHD	0.40	0.37
tblVehicleEF	MHD	0.47	0.76
tblVehicleEF	MHD	7.25	1.20
tblVehicleEF	MHD	136.73	77.13
tblVehicleEF	MHD	1,206.00	1,160.41
tblVehicleEF	MHD	62.24	9.11
tblVehicleEF	MHD	0.58	0.67
tblVehicleEF	MHD	1.63	2.89
tblVehicleEF	MHD	10.30	1.17
tblVehicleEF	MHD	8.2700e-004	2.1340e-003
tblVehicleEF	MHD	7.2180e-003	0.07
tblVehicleEF	MHD	9.9100e-004	1.2300e-004
tblVehicleEF	MHD	7.9100e-004	2.0410e-003

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MHD	6.8990e-003	0.07
tblVehicleEF	MHD	9.1100e-004	1.1300e-004
tblVehicleEF	MHD	1.0740e-003	4.8800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.3000e-004	2.3700e-004
tblVehicleEF	MHD	0.06	0.19
tblVehicleEF	MHD	0.03	0.13
tblVehicleEF	MHD	0.43	0.05
tblVehicleEF	MHD	1.3170e-003	7.3100e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.4900e-004	9.0000e-005
tblVehicleEF	MHD	1.0740e-003	4.8800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.3000e-004	2.3700e-004
tblVehicleEF	MHD	0.08	0.22
tblVehicleEF	MHD	0.03	0.13
tblVehicleEF	MHD	0.47	0.06
tblVehicleEF	MHD	0.02	3.1690e-003
tblVehicleEF	MHD	6.8520e-003	0.01
tblVehicleEF	MHD	0.05	8.9940e-003
tblVehicleEF	MHD	0.28	0.30
tblVehicleEF	MHD	0.48	0.77
tblVehicleEF	MHD	6.66	1.11
tblVehicleEF	MHD	144.99	78.59
tblVehicleEF	MHD	1,206.00	1,160.42

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MHD	62.24	8.94
tblVehicleEF	MHD	0.59	0.68
tblVehicleEF	MHD	1.56	2.77
tblVehicleEF	MHD	10.24	1.16
tblVehicleEF	MHD	6.9700e-004	1.8020e-003
tblVehicleEF	MHD	7.2180e-003	0.07
tblVehicleEF	MHD	9.9100e-004	1.2300e-004
tblVehicleEF	MHD	6.6700e-004	1.7240e-003
tblVehicleEF	MHD	6.8990e-003	0.07
tblVehicleEF	MHD	9.1100e-004	1.1300e-004
tblVehicleEF	MHD	2.5110e-003	1.1470e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.1770e-003	5.3000e-004
tblVehicleEF	MHD	0.06	0.19
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.40	0.05
tblVehicleEF	MHD	1.3950e-003	7.4500e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.3900e-004	8.9000e-005
tblVehicleEF	MHD	2.5110e-003	1.1470e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.1770e-003	5.3000e-004
tblVehicleEF	MHD	0.08	0.22
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.44	0.05

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MHD	0.02	3.5760e-003
tblVehicleEF	MHD	6.5800e-003	0.01
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.53	0.45
tblVehicleEF	MHD	0.46	0.75
tblVehicleEF	MHD	7.79	1.29
tblVehicleEF	MHD	125.70	75.23
tblVehicleEF	MHD	1,206.00	1,160.39
tblVehicleEF	MHD	62.24	9.26
tblVehicleEF	MHD	0.55	0.66
tblVehicleEF	MHD	1.66	2.94
tblVehicleEF	MHD	10.36	1.17
tblVehicleEF	MHD	1.0060e-003	2.5930e-003
tblVehicleEF	MHD	7.2180e-003	0.07
tblVehicleEF	MHD	9.9100e-004	1.2300e-004
tblVehicleEF	MHD	9.6300e-004	2.4800e-003
tblVehicleEF	MHD	6.8990e-003	0.07
tblVehicleEF	MHD	9.1100e-004	1.1300e-004
tblVehicleEF	MHD	5.2400e-004	2.3700e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	2.6600e-004	1.1800e-004
tblVehicleEF	MHD	0.06	0.19
tblVehicleEF	MHD	0.03	0.14
tblVehicleEF	MHD	0.45	0.06
tblVehicleEF	MHD	1.2130e-003	7.1300e-004
tblVehicleEF	MHD	0.01	0.01

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MHD	7.5800e-004	9.2000e-005
tblVehicleEF	MHD	5.2400e-004	2.3700e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.6600e-004	1.1800e-004
tblVehicleEF	MHD	0.07	0.22
tblVehicleEF	MHD	0.03	0.14
tblVehicleEF	MHD	0.50	0.06
tblVehicleEF	OBUS	0.01	7.4560e-003
tblVehicleEF	OBUS	9.3020e-003	8.2760e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.57
tblVehicleEF	OBUS	0.58	0.77
tblVehicleEF	OBUS	5.50	1.97
tblVehicleEF	OBUS	110.36	98.57
tblVehicleEF	OBUS	1,314.27	1,386.54
tblVehicleEF	OBUS	67.24	15.72
tblVehicleEF	OBUS	0.58	0.61
tblVehicleEF	OBUS	1.90	2.07
tblVehicleEF	OBUS	2.86	0.95
tblVehicleEF	OBUS	2.0100e-004	2.1490e-003
tblVehicleEF	OBUS	8.9640e-003	0.03
tblVehicleEF	OBUS	7.5500e-004	1.3500e-004
tblVehicleEF	OBUS	1.9200e-004	2.0560e-003
tblVehicleEF	OBUS	8.5580e-003	0.03
tblVehicleEF	OBUS	6.9400e-004	1.2400e-004
tblVehicleEF	OBUS	1.1920e-003	1.0870e-003

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	5.1400e-004	4.7200e-004
tblVehicleEF	OBUS	0.08	0.10
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.35	0.09
tblVehicleEF	OBUS	1.0650e-003	9.3600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6900e-004	1.5600e-004
tblVehicleEF	OBUS	1.1920e-003	1.0870e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	5.1400e-004	4.7200e-004
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.38	0.10
tblVehicleEF	OBUS	0.01	7.4820e-003
tblVehicleEF	OBUS	9.5280e-003	8.4350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.27	0.54
tblVehicleEF	OBUS	0.60	0.78
tblVehicleEF	OBUS	5.02	1.79
tblVehicleEF	OBUS	115.93	99.03
tblVehicleEF	OBUS	1,314.27	1,386.57
tblVehicleEF	OBUS	67.24	15.42
tblVehicleEF	OBUS	0.60	0.61
tblVehicleEF	OBUS	1.82	1.98



## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	OBUS	2.80	0.94
tblVehicleEF	OBUS	1.6900e-004	1.8170e-003
tblVehicleEF	OBUS	8.9640e-003	0.03
tblVehicleEF	OBUS	7.5500e-004	1.3500e-004
tblVehicleEF	OBUS	1.6200e-004	1.7380e-003
tblVehicleEF	OBUS	8.5580e-003	0.03
tblVehicleEF	OBUS	6.9400e-004	1.2400e-004
tblVehicleEF	OBUS	2.6670e-003	2.4110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.0870e-003	9.8400e-004
tblVehicleEF	OBUS	0.08	0.10
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.32	0.09
tblVehicleEF	OBUS	1.1180e-003	9.4100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6100e-004	1.5300e-004
tblVehicleEF	OBUS	2.6670e-003	2.4110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.0870e-003	9.8400e-004
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.35	0.10
tblVehicleEF	OBUS	0.01	7.4320e-003
tblVehicleEF	OBUS	9.1270e-003	8.1530e-003
tblVehicleEF	OBUS	0.03	0.02

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	OBUS	0.30	0.60
tblVehicleEF	OBUS	0.57	0.75
tblVehicleEF	OBUS	5.94	2.13
tblVehicleEF	OBUS	102.66	97.94
tblVehicleEF	OBUS	1,314.27	1,386.52
tblVehicleEF	OBUS	67.24	15.98
tblVehicleEF	OBUS	0.56	0.62
tblVehicleEF	OBUS	1.94	2.11
tblVehicleEF	OBUS	2.92	0.96
tblVehicleEF	OBUS	2.4400e-004	2.6080e-003
tblVehicleEF	OBUS	8.9640e-003	0.03
tblVehicleEF	OBUS	7.5500e-004	1.3500e-004
tblVehicleEF	OBUS	2.3400e-004	2.4950e-003
tblVehicleEF	OBUS	8.5580e-003	0.03
tblVehicleEF	OBUS	6.9400e-004	1.2400e-004
tblVehicleEF	OBUS	6.3700e-004	5.8800e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	2.9000e-004	2.6800e-004
tblVehicleEF	OBUS	0.07	0.10
tblVehicleEF	OBUS	0.03	0.19
tblVehicleEF	OBUS	0.36	0.10
tblVehicleEF	OBUS	9.9100e-004	9.3000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7600e-004	1.5800e-004
tblVehicleEF	OBUS	6.3700e-004	5.8800e-004
tblVehicleEF	OBUS	0.02	0.02

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	2.9000e-004	2.6800e-004
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.03	0.19
tblVehicleEF	OBUS	0.40	0.11
tblVehicleEF	SBUS	0.86	0.05
tblVehicleEF	SBUS	0.02	6.8250e-003
tblVehicleEF	SBUS	0.09	4.3890e-003
tblVehicleEF	SBUS	8.04	1.99
tblVehicleEF	SBUS	1.25	0.56
tblVehicleEF	SBUS	10.59	0.66
tblVehicleEF	SBUS	1,134.67	347.43
tblVehicleEF	SBUS	1,066.60	1,081.24
tblVehicleEF	SBUS	54.09	3.67
tblVehicleEF	SBUS	9.77	3.69
tblVehicleEF	SBUS	4.41	5.30
tblVehicleEF	SBUS	12.56	0.73
tblVehicleEF	SBUS	0.01	4.5040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	8.6500e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	4.3090e-003
tblVehicleEF	SBUS	2.6420e-003	2.7440e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	7.9500e-004	3.7000e-005
tblVehicleEF	SBUS	3.7040e-003	4.6600e-004
tblVehicleEF	SBUS	0.04	4.4900e-003

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	SBUS	0.97	0.22
tblVehicleEF	SBUS	1.4870e-003	1.8600e-004
tblVehicleEF	SBUS	0.13	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.53	0.03
tblVehicleEF	SBUS	0.01	3.3040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2400e-004	3.6000e-005
tblVehicleEF	SBUS	3.7040e-003	4.6600e-004
tblVehicleEF	SBUS	0.04	4.4900e-003
tblVehicleEF	SBUS	1.39	0.31
tblVehicleEF	SBUS	1.4870e-003	1.8600e-004
tblVehicleEF	SBUS	0.16	0.11
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.58	0.03
tblVehicleEF	SBUS	0.86	0.05
tblVehicleEF	SBUS	0.02	6.9320e-003
tblVehicleEF	SBUS	0.08	3.6890e-003
tblVehicleEF	SBUS	7.91	1.94
tblVehicleEF	SBUS	1.28	0.57
tblVehicleEF	SBUS	7.78	0.48
tblVehicleEF	SBUS	1,186.23	357.77
tblVehicleEF	SBUS	1,066.60	1,081.26
tblVehicleEF	SBUS	54.09	3.38
tblVehicleEF	SBUS	10.08	3.78
tblVehicleEF	SBUS	4.22	5.09
tblVehicleEF	SBUS	12.50	0.73

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	SBUS	8.8720e-003	3.8040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	8.6500e-004	4.0000e-005
tblVehicleEF	SBUS	8.4880e-003	3.6400e-003
tblVehicleEF	SBUS	2.6420e-003	2.7440e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	7.9500e-004	3.7000e-005
tblVehicleEF	SBUS	8.3470e-003	1.0580e-003
tblVehicleEF	SBUS	0.04	4.7210e-003
tblVehicleEF	SBUS	0.96	0.22
tblVehicleEF	SBUS	3.1820e-003	4.0400e-004
tblVehicleEF	SBUS	0.13	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.44	0.02
tblVehicleEF	SBUS	0.01	3.4020e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7700e-004	3.3000e-005
tblVehicleEF	SBUS	8.3470e-003	1.0580e-003
tblVehicleEF	SBUS	0.04	4.7210e-003
tblVehicleEF	SBUS	1.39	0.31
tblVehicleEF	SBUS	3.1820e-003	4.0400e-004
tblVehicleEF	SBUS	0.16	0.11
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.48	0.02
tblVehicleEF	SBUS	0.86	0.05
tblVehicleEF	SBUS	0.02	6.7400e-003

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	SBUS	0.10	5.0170e-003
tblVehicleEF	SBUS	8.20	2.04
tblVehicleEF	SBUS	1.22	0.55
tblVehicleEF	SBUS	13.43	0.83
tblVehicleEF	SBUS	1,063.46	333.15
tblVehicleEF	SBUS	1,066.60	1,081.23
tblVehicleEF	SBUS	54.09	3.96
tblVehicleEF	SBUS	9.34	3.56
tblVehicleEF	SBUS	4.50	5.39
tblVehicleEF	SBUS	12.61	0.73
tblVehicleEF	SBUS	0.01	5.4710e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	8.6500e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.2340e-003
tblVehicleEF	SBUS	2.6420e-003	2.7440e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	7.9500e-004	3.7000e-005
tblVehicleEF	SBUS	1.9750e-003	2.4400e-004
tblVehicleEF	SBUS	0.04	4.6390e-003
tblVehicleEF	SBUS	0.97	0.22
tblVehicleEF	SBUS	8.4200e-004	1.0400e-004
tblVehicleEF	SBUS	0.12	0.09
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.60	0.03
tblVehicleEF	SBUS	0.01	3.1690e-003
tblVehicleEF	SBUS	0.01	0.01

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	SBUS	7.7000e-004	3.9000e-005
tblVehicleEF	SBUS	1.9750e-003	2.4400e-004
tblVehicleEF	SBUS	0.04	4.6390e-003
tblVehicleEF	SBUS	1.40	0.32
tblVehicleEF	SBUS	8.4200e-004	1.0400e-004
tblVehicleEF	SBUS	0.15	0.11
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.66	0.03
tblVehicleEF	UBUS	0.28	1.38
tblVehicleEF	UBUS	0.04	2.6650e-003
tblVehicleEF	UBUS	5.43	10.36
tblVehicleEF	UBUS	8.06	0.14
tblVehicleEF	UBUS	2,118.14	1,606.74
tblVehicleEF	UBUS	94.20	1.64
tblVehicleEF	UBUS	11.45	0.73
tblVehicleEF	UBUS	15.24	0.02
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.26	5.2780e-003
tblVehicleEF	UBUS	1.0370e-003	2.0000e-006
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	8.3320e-003
tblVehicleEF	UBUS	0.25	5.0490e-003
tblVehicleEF	UBUS	9.5300e-004	2.0000e-006
tblVehicleEF	UBUS	2.2720e-003	1.7500e-004
tblVehicleEF	UBUS	0.04	2.6930e-003
tblVehicleEF	UBUS	1.0590e-003	1.1000e-004

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	UBUS	0.72	0.02
tblVehicleEF	UBUS	8.0440e-003	0.02
tblVehicleEF	UBUS	0.55	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.0850e-003	1.6000e-005
tblVehicleEF	UBUS	2.2720e-003	1.7500e-004
tblVehicleEF	UBUS	0.04	2.6930e-003
tblVehicleEF	UBUS	1.0590e-003	1.1000e-004
tblVehicleEF	UBUS	1.05	1.41
tblVehicleEF	UBUS	8.0440e-003	0.02
tblVehicleEF	UBUS	0.61	0.01
tblVehicleEF	UBUS	0.28	1.38
tblVehicleEF	UBUS	0.04	2.3690e-003
tblVehicleEF	UBUS	5.50	10.36
tblVehicleEF	UBUS	6.40	0.11
tblVehicleEF	UBUS	2,118.14	1,606.74
tblVehicleEF	UBUS	94.20	1.60
tblVehicleEF	UBUS	10.98	0.73
tblVehicleEF	UBUS	15.18	0.02
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.26	5.2780e-003
tblVehicleEF	UBUS	1.0370e-003	2.0000e-006
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	8.3320e-003
tblVehicleEF	UBUS	0.25	5.0490e-003
tblVehicleEF	UBUS	9.5300e-004	2.0000e-006



## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	UBUS	5.4590e-003	3.7600e-004
tblVehicleEF	UBUS	0.05	2.9120e-003
tblVehicleEF	UBUS	2.5450e-003	2.1200e-004
tblVehicleEF	UBUS	0.73	0.02
tblVehicleEF	UBUS	7.4030e-003	0.02
tblVehicleEF	UBUS	0.48	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.0570e-003	1.6000e-005
tblVehicleEF	UBUS	5.4590e-003	3.7600e-004
tblVehicleEF	UBUS	0.05	2.9120e-003
tblVehicleEF	UBUS	2.5450e-003	2.1200e-004
tblVehicleEF	UBUS	1.07	1.41
tblVehicleEF	UBUS	7.4030e-003	0.02
tblVehicleEF	UBUS	0.53	0.01
tblVehicleEF	UBUS	0.27	1.38
tblVehicleEF	UBUS	0.05	2.9130e-003
tblVehicleEF	UBUS	5.39	10.36
tblVehicleEF	UBUS	9.65	0.16
tblVehicleEF	UBUS	2,118.14	1,606.74
tblVehicleEF	UBUS	94.20	1.68
tblVehicleEF	UBUS	11.63	0.73
tblVehicleEF	UBUS	15.29	0.02
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.26	5.2780e-003
tblVehicleEF	UBUS	1.0370e-003	2.0000e-006
tblVehicleEF	UBUS	0.27	0.03

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleEF	UBUS	3.0000e-003	8.3320e-003
tblVehicleEF	UBUS	0.25	5.0490e-003
tblVehicleEF	UBUS	9.5300e-004	2.0000e-006
tblVehicleEF	UBUS	1.1910e-003	1.0400e-004
tblVehicleEF	UBUS	0.05	2.7720e-003
tblVehicleEF	UBUS	5.3700e-004	6.7000e-005
tblVehicleEF	UBUS	0.71	0.02
tblVehicleEF	UBUS	9.8390e-003	0.02
tblVehicleEF	UBUS	0.62	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.1120e-003	1.7000e-005
tblVehicleEF	UBUS	1.1910e-003	1.0400e-004
tblVehicleEF	UBUS	0.05	2.7720e-003
tblVehicleEF	UBUS	5.3700e-004	6.7000e-005
tblVehicleEF	UBUS	1.04	1.41
tblVehicleEF	UBUS	9.8390e-003	0.02
tblVehicleEF	UBUS	0.68	0.01
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	77.00	100.00

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	2.46	13.63
tblVehicleTrips	ST_TR	1.68	0.77
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.05	13.63
tblVehicleTrips	SU_TR	1.68	0.77
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	11.03	13.63
tblVehicleTrips	WD_TR	1.68	0.77

## 2.0 Emissions Summary

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2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

**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	3.6013	4.5000e-004	0.0494	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		0.1054	0.1054	2.8000e-004		0.1124
Energy	0.0197	0.1789	0.1503	1.0700e-003		0.0136	0.0136		0.0136	0.0136		214.7038	214.7038	4.1200e-003	3.9400e-003	215.9797
Mobile	0.6645	6.3709	5.6793	0.0318	1.9909	0.1026	2.0935	0.5405	0.0979	0.6384		3,341.5006	3,341.5006	0.0900		3,343.7505
<b>Total</b>	<b>4.2855</b>	<b>6.5502</b>	<b>5.8789</b>	<b>0.0328</b>	<b>1.9909</b>	<b>0.1164</b>	<b>2.1073</b>	<b>0.5405</b>	<b>0.1117</b>	<b>0.6522</b>		<b>3,556.3098</b>	<b>3,556.3098</b>	<b>0.0944</b>	<b>3.9400e-003</b>	<b>3,559.8425</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	lb/day										lb/day					
Area	3.6013	4.5000e-004	0.0494	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		0.1054	0.1054	2.8000e-004		0.1124
Energy	0.0139	0.1260	0.1059	7.6000e-004		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003		151.2374	151.2374	2.9000e-003	2.7700e-003	152.1361
Mobile	0.6645	6.3709	5.6793	0.0318	1.9909	0.1026	2.0935	0.5405	0.0979	0.6384		3,341.5006	3,341.5006	0.0900		3,343.7505
<b>Total</b>	<b>4.2796</b>	<b>6.4973</b>	<b>5.8345</b>	<b>0.0325</b>	<b>1.9909</b>	<b>0.1124</b>	<b>2.1033</b>	<b>0.5405</b>	<b>0.1077</b>	<b>0.6482</b>		<b>3,492.8434</b>	<b>3,492.8434</b>	<b>0.0932</b>	<b>2.7700e-003</b>	<b>3,495.9990</b>

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

	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	0.14	0.81	0.76	0.94	0.00	3.45	0.19	0.00	3.60	0.62	0.00	1.78	1.78	1.29	29.70	1.79

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	11/1/2020	11/2/2020	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 7.74

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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	0	8.00	46	0.45

#### Trips and VMT

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

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
Building Construction	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Building Construction - 2020**

**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	1.7778	17.6147	15.0815	0.0244		1.0302	1.0302		0.9634	0.9634		2,345.5853	2,345.5853	0.5922		2,360.3901
<b>Total</b>	<b>1.7778</b>	<b>17.6147</b>	<b>15.0815</b>	<b>0.0244</b>		<b>1.0302</b>	<b>1.0302</b>		<b>0.9634</b>	<b>0.9634</b>		<b>2,345.5853</b>	<b>2,345.5853</b>	<b>0.5922</b>		<b>2,360.3901</b>

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

**3.2 Building Construction - 2020**

**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
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
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</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	1.7778	17.6147	15.0815	0.0244		1.0302	1.0302		0.9634	0.9634	0.0000	2,345.5853	2,345.5853	0.5922		2,360.3901
<b>Total</b>	<b>1.7778</b>	<b>17.6147</b>	<b>15.0815</b>	<b>0.0244</b>		<b>1.0302</b>	<b>1.0302</b>		<b>0.9634</b>	<b>0.9634</b>	<b>0.0000</b>	<b>2,345.5853</b>	<b>2,345.5853</b>	<b>0.5922</b>		<b>2,360.3901</b>



2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

**3.2 Building Construction - 2020**

**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
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
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

	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	0.6645	6.3709	5.6793	0.0318	1.9909	0.1026	2.0935	0.5405	0.0979	0.6384		3,341.5006	3,341.5006	0.0900		3,343.7505
Unmitigated	0.6645	6.3709	5.6793	0.0318	1.9909	0.1026	2.0935	0.5405	0.0979	0.6384		3,341.5006	3,341.5006	0.0900		3,343.7505

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		
General Office Building	184.97	184.97	184.97	639,636	639,636
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	99.00	99.00	99.00	263,067	263,067
<b>Total</b>	<b>283.97</b>	<b>283.97</b>	<b>283.97</b>	<b>902,703</b>	<b>902,703</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	66	28	6
General Office Building	9.50	7.30	7.30	100.00	0.00	0.00	100	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	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.131008	0.326719	0.542274	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Exceed Title 24

	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	0.0139	0.1260	0.1059	7.6000e-004		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003		151.2374	151.2374	2.9000e-003	2.7700e-003	152.1361
NaturalGas Unmitigated	0.0197	0.1789	0.1503	1.0700e-003		0.0136	0.0136		0.0136	0.0136		214.7038	214.7038	4.1200e-003	3.9400e-003	215.9797

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

**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
General Office Building	608.695	6.5600e-003	0.0597	0.0501	3.6000e-004		4.5400e-003	4.5400e-003		4.5400e-003	4.5400e-003		71.6112	71.6112	1.3700e-003	1.3100e-003	72.0367
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 Rail	1216.29	0.0131	0.1192	0.1002	7.2000e-004		9.0600e-003	9.0600e-003		9.0600e-003	9.0600e-003		143.0926	143.0926	2.7400e-003	2.6200e-003	143.9430
<b>Total</b>		<b>0.0197</b>	<b>0.1789</b>	<b>0.1503</b>	<b>1.0800e-003</b>		<b>0.0136</b>	<b>0.0136</b>		<b>0.0136</b>	<b>0.0136</b>		<b>214.7038</b>	<b>214.7038</b>	<b>4.1100e-003</b>	<b>3.9300e-003</b>	<b>215.9797</b>

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

**5.2 Energy by Land Use - NaturalGas**

**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					
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
General Office Building	0.426756	4.6000e-003	0.0418	0.0351	2.5000e-004		3.1800e-003	3.1800e-003		3.1800e-003	3.1800e-003		50.2066	50.2066	9.6000e-004	9.2000e-004	50.5049
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 Rail	0.858762	9.2600e-003	0.0842	0.0707	5.1000e-004		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003		101.0308	101.0308	1.9400e-003	1.8500e-003	101.6312
<b>Total</b>		<b>0.0139</b>	<b>0.1260</b>	<b>0.1059</b>	<b>7.6000e-004</b>		<b>9.5800e-003</b>	<b>9.5800e-003</b>		<b>9.5800e-003</b>	<b>9.5800e-003</b>		<b>151.2374</b>	<b>151.2374</b>	<b>2.9000e-003</b>	<b>2.7700e-003</b>	<b>152.1361</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

	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	3.6013	4.5000e-004	0.0494	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		0.1054	0.1054	2.8000e-004		0.1124
Unmitigated	3.6013	4.5000e-004	0.0494	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		0.1054	0.1054	2.8000e-004		0.1124

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	0.4429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.1538					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.6100e-003	4.5000e-004	0.0494	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		0.1054	0.1054	2.8000e-004		0.1124
<b>Total</b>	<b>3.6013</b>	<b>4.5000e-004</b>	<b>0.0494</b>	<b>0.0000</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>		<b>0.1054</b>	<b>0.1054</b>	<b>2.8000e-004</b>		<b>0.1124</b>

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

**6.2 Area by SubCategory**

**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	0.4429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.1538					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.6100e-003	4.5000e-004	0.0494	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		0.1054	0.1054	2.8000e-004		0.1124
<b>Total</b>	<b>3.6013</b>	<b>4.5000e-004</b>	<b>0.0494</b>	<b>0.0000</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>		<b>0.1054</b>	<b>0.1054</b>	<b>2.8000e-004</b>		<b>0.1124</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

- Institute Recycling and Composting Services

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Summer

## 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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2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

**2256 Junction Ave - Existing Conditions (Operations Only)**  
**Santa Clara County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	13.57	1000sqft	0.31	13,572.00	0
Unrefrigerated Warehouse-No Rail	127.94	1000sqft	2.94	127,938.00	0
Parking Lot	337.29	1000sqft	7.74	337,285.00	0
City Park	2.69	Acre	2.69	117,097.00	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>	2021
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	163	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

Project Characteristics - PG&E intensity factor per CR&SR 2019

Land Use - landscaping 117,097 sf based on pervious area, landscaping entered as "City Park", Parking Lot includes parking spaces and drive aisles

Construction Phase - No Construction - Operations Model Only

Off-road Equipment -

Off-road Equipment - Operations Only - No Construction

Trips and VMT - Operations Only - No Construction

Demolition -

Grading -

Vehicle Trips - Adjusted trip rate per Traffic Analysis, 284 ADT, passenger veh 185 /13.572 ksf= 13.631005010315355142941349837902 , trucks 99/127.938 ksf = 0.77381231534024293016930075505323

Vehicle Emission Factors - EMFAC2017 (2021) with SAFE Rule

Vehicle Emission Factors - EMFAC2017 (2021) with SAFE Rule

Vehicle Emission Factors - EMFAC2017 (2021) with SAFE Rule

Energy Use -

Construction Off-road Equipment Mitigation - BAAQMD rule compliance

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation - 2019 Title 24

Water Mitigation -

Waste Mitigation - Per Ab 939

Fleet Mix - adjusted fleet mix, truck mix based on CalEEMod default fleet mix

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblConstructionPhase	NumDays	300.00	1.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.54
tblFleetMix	LDA	0.61	1.00
tblFleetMix	LDA	0.61	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.9910e-003	0.00
tblFleetMix	LHD2	4.9910e-003	0.13
tblFleetMix	MCY	5.3340e-003	0.00
tblFleetMix	MCY	5.3340e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.6100e-004	0.00
tblFleetMix	MH	7.6100e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.33
tblFleetMix	OBUS	2.1150e-003	0.00
tblFleetMix	OBUS	2.1150e-003	0.00
tblFleetMix	SBUS	6.2300e-004	0.00
tblFleetMix	SBUS	6.2300e-004	0.00
tblFleetMix	UBUS	1.5540e-003	0.00
tblFleetMix	UBUS	1.5540e-003	0.00

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblLandUse	LandUseSquareFeet	13,570.00	13,572.00
tblLandUse	LandUseSquareFeet	127,940.00	127,938.00
tblLandUse	LandUseSquareFeet	337,290.00	337,285.00
tblLandUse	LandUseSquareFeet	117,176.40	117,097.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	163
tblTripsAndVMT	VendorTripNumber	98.00	0.00
tblTripsAndVMT	WorkerTripNumber	249.00	0.00
tblVehicleEF	HHD	0.49	0.03
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	2.56	5.63
tblVehicleEF	HHD	1.00	0.68
tblVehicleEF	HHD	3.70	5.9160e-003
tblVehicleEF	HHD	4,606.33	1,088.79
tblVehicleEF	HHD	1,643.47	1,552.03
tblVehicleEF	HHD	11.51	0.06
tblVehicleEF	HHD	21.11	5.97
tblVehicleEF	HHD	4.02	4.12
tblVehicleEF	HHD	19.48	1.86
tblVehicleEF	HHD	0.02	8.5660e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0300e-004	1.0000e-006
tblVehicleEF	HHD	0.02	8.1960e-003
tblVehicleEF	HHD	0.03	0.03

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	HHD	8.8230e-003	8.8680e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.4000e-005	1.0000e-006
tblVehicleEF	HHD	1.0400e-004	4.0000e-006
tblVehicleEF	HHD	5.6370e-003	1.8500e-004
tblVehicleEF	HHD	0.65	0.43
tblVehicleEF	HHD	6.4000e-005	2.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.9200e-004	1.1420e-003
tblVehicleEF	HHD	0.11	3.0000e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7700e-004	1.0000e-006
tblVehicleEF	HHD	1.0400e-004	4.0000e-006
tblVehicleEF	HHD	5.6370e-003	1.8500e-004
tblVehicleEF	HHD	0.76	0.50
tblVehicleEF	HHD	6.4000e-005	2.0000e-006
tblVehicleEF	HHD	0.21	0.21
tblVehicleEF	HHD	4.9200e-004	1.1420e-003
tblVehicleEF	HHD	0.12	3.0000e-006
tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	1.86	5.49
tblVehicleEF	HHD	1.01	0.68
tblVehicleEF	HHD	3.40	5.4380e-003
tblVehicleEF	HHD	4,878.22	1,086.60

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	HHD	1,643.47	1,552.03
tblVehicleEF	HHD	11.51	0.05
tblVehicleEF	HHD	21.79	5.81
tblVehicleEF	HHD	3.87	3.97
tblVehicleEF	HHD	19.45	1.86
tblVehicleEF	HHD	0.02	7.9790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0300e-004	1.0000e-006
tblVehicleEF	HHD	0.02	7.6330e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8230e-003	8.8680e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.4000e-005	1.0000e-006
tblVehicleEF	HHD	2.3900e-004	1.1000e-005
tblVehicleEF	HHD	6.0710e-003	2.0400e-004
tblVehicleEF	HHD	0.62	0.45
tblVehicleEF	HHD	1.3800e-004	6.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.7900e-004	1.1460e-003
tblVehicleEF	HHD	0.11	2.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7200e-004	1.0000e-006
tblVehicleEF	HHD	2.3900e-004	1.1000e-005
tblVehicleEF	HHD	6.0710e-003	2.0400e-004

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	HHD	0.71	0.52
tblVehicleEF	HHD	1.3800e-004	6.0000e-006
tblVehicleEF	HHD	0.21	0.21
tblVehicleEF	HHD	4.7900e-004	1.1460e-003
tblVehicleEF	HHD	0.12	3.0000e-006
tblVehicleEF	HHD	0.53	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.11	1.0000e-006
tblVehicleEF	HHD	3.52	5.82
tblVehicleEF	HHD	1.00	0.68
tblVehicleEF	HHD	3.97	6.3480e-003
tblVehicleEF	HHD	4,230.85	1,091.80
tblVehicleEF	HHD	1,643.47	1,552.03
tblVehicleEF	HHD	11.51	0.06
tblVehicleEF	HHD	20.18	6.18
tblVehicleEF	HHD	4.08	4.18
tblVehicleEF	HHD	19.50	1.86
tblVehicleEF	HHD	0.02	9.3780e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0300e-004	1.0000e-006
tblVehicleEF	HHD	0.02	8.9720e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8230e-003	8.8680e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.4000e-005	1.0000e-006

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	HHD	5.4000e-005	2.0000e-006
tblVehicleEF	HHD	5.9130e-003	2.1100e-004
tblVehicleEF	HHD	0.71	0.41
tblVehicleEF	HHD	3.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	5.4600e-004	1.2330e-003
tblVehicleEF	HHD	0.12	3.0000e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.8100e-004	1.0000e-006
tblVehicleEF	HHD	5.4000e-005	2.0000e-006
tblVehicleEF	HHD	5.9130e-003	2.1100e-004
tblVehicleEF	HHD	0.81	0.47
tblVehicleEF	HHD	3.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.21	0.21
tblVehicleEF	HHD	5.4600e-004	1.2330e-003
tblVehicleEF	HHD	0.13	3.0000e-006
tblVehicleEF	LDA	4.1020e-003	2.6060e-003
tblVehicleEF	LDA	6.2620e-003	0.06
tblVehicleEF	LDA	0.57	0.66
tblVehicleEF	LDA	1.33	2.29
tblVehicleEF	LDA	254.67	257.27
tblVehicleEF	LDA	59.39	54.50
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.20
tblVehicleEF	LDA	1.6890e-003	1.4920e-003
tblVehicleEF	LDA	2.2650e-003	1.8990e-003



## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	LDA	1.5560e-003	1.3750e-003
tblVehicleEF	LDA	2.0820e-003	1.7460e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.08	0.26
tblVehicleEF	LDA	2.5500e-003	2.5450e-003
tblVehicleEF	LDA	6.1600e-004	5.3900e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.09	0.28
tblVehicleEF	LDA	4.5670e-003	2.9390e-003
tblVehicleEF	LDA	5.1860e-003	0.05
tblVehicleEF	LDA	0.67	0.78
tblVehicleEF	LDA	1.05	1.80
tblVehicleEF	LDA	274.58	276.95
tblVehicleEF	LDA	59.39	53.58
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.07	0.18
tblVehicleEF	LDA	1.6890e-003	1.4920e-003
tblVehicleEF	LDA	2.2650e-003	1.8990e-003
tblVehicleEF	LDA	1.5560e-003	1.3750e-003

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tblVehicleEF	LDA	2.0820e-003	1.7460e-003
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.21
tblVehicleEF	LDA	0.07	0.21
tblVehicleEF	LDA	2.7510e-003	2.7400e-003
tblVehicleEF	LDA	6.1200e-004	5.3000e-004
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.21
tblVehicleEF	LDA	0.08	0.23
tblVehicleEF	LDA	3.9950e-003	2.5070e-003
tblVehicleEF	LDA	7.0990e-003	0.06
tblVehicleEF	LDA	0.56	0.65
tblVehicleEF	LDA	1.55	2.69
tblVehicleEF	LDA	251.39	254.04
tblVehicleEF	LDA	59.39	55.24
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.09	0.22
tblVehicleEF	LDA	1.6890e-003	1.4920e-003
tblVehicleEF	LDA	2.2650e-003	1.8990e-003
tblVehicleEF	LDA	1.5560e-003	1.3750e-003
tblVehicleEF	LDA	2.0820e-003	1.7460e-003

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tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.26
tblVehicleEF	LDA	0.10	0.29
tblVehicleEF	LDA	2.5170e-003	2.5130e-003
tblVehicleEF	LDA	6.2000e-004	5.4700e-004
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.26
tblVehicleEF	LDA	0.10	0.32
tblVehicleEF	LDT1	0.01	5.6210e-003
tblVehicleEF	LDT1	0.01	0.08
tblVehicleEF	LDT1	1.23	1.19
tblVehicleEF	LDT1	2.89	2.52
tblVehicleEF	LDT1	312.93	305.87
tblVehicleEF	LDT1	72.25	65.70
tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.16	0.27
tblVehicleEF	LDT1	2.3880e-003	2.0630e-003
tblVehicleEF	LDT1	3.1640e-003	2.5760e-003
tblVehicleEF	LDT1	2.1990e-003	1.8990e-003
tblVehicleEF	LDT1	2.9100e-003	2.3690e-003
tblVehicleEF	LDT1	0.09	0.10

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.03	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.20	0.38
tblVehicleEF	LDT1	3.1440e-003	3.0270e-003
tblVehicleEF	LDT1	7.7300e-004	6.5000e-004
tblVehicleEF	LDT1	0.09	0.10
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.07	0.08
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.21	0.42
tblVehicleEF	LDT1	0.01	6.2670e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.42	1.38
tblVehicleEF	LDT1	2.27	1.97
tblVehicleEF	LDT1	336.30	326.14
tblVehicleEF	LDT1	72.25	64.61
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.14	0.24
tblVehicleEF	LDT1	2.3880e-003	2.0630e-003
tblVehicleEF	LDT1	3.1640e-003	2.5760e-003
tblVehicleEF	LDT1	2.1990e-003	1.8990e-003
tblVehicleEF	LDT1	2.9100e-003	2.3690e-003
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.27	0.22

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tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.15	0.63
tblVehicleEF	LDT1	0.16	0.31
tblVehicleEF	LDT1	3.3800e-003	3.2270e-003
tblVehicleEF	LDT1	7.6200e-004	6.3900e-004
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.15	0.16
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.15	0.63
tblVehicleEF	LDT1	0.18	0.34
tblVehicleEF	LDT1	9.8780e-003	5.4410e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.21	1.17
tblVehicleEF	LDT1	3.40	2.96
tblVehicleEF	LDT1	309.08	302.55
tblVehicleEF	LDT1	72.25	66.57
tblVehicleEF	LDT1	0.14	0.12
tblVehicleEF	LDT1	0.18	0.29
tblVehicleEF	LDT1	2.3880e-003	2.0630e-003
tblVehicleEF	LDT1	3.1640e-003	2.5760e-003
tblVehicleEF	LDT1	2.1990e-003	1.8990e-003
tblVehicleEF	LDT1	2.9100e-003	2.3690e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.26	0.20
tblVehicleEF	LDT1	0.04	0.00

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tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.20	0.83
tblVehicleEF	LDT1	0.22	0.43
tblVehicleEF	LDT1	3.1050e-003	2.9940e-003
tblVehicleEF	LDT1	7.8200e-004	6.5900e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.26	0.20
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.83
tblVehicleEF	LDT1	0.24	0.47
tblVehicleEF	LDT2	5.9280e-003	4.0150e-003
tblVehicleEF	LDT2	8.2010e-003	0.08
tblVehicleEF	LDT2	0.77	0.92
tblVehicleEF	LDT2	1.72	2.97
tblVehicleEF	LDT2	357.28	335.42
tblVehicleEF	LDT2	82.63	72.55
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.14	0.32
tblVehicleEF	LDT2	1.6320e-003	1.4900e-003
tblVehicleEF	LDT2	2.2340e-003	1.8610e-003
tblVehicleEF	LDT2	1.5010e-003	1.3720e-003
tblVehicleEF	LDT2	2.0540e-003	1.7120e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.01	0.02

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.36
tblVehicleEF	LDT2	3.5790e-003	3.3180e-003
tblVehicleEF	LDT2	8.5600e-004	7.1800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.40
tblVehicleEF	LDT2	6.5840e-003	4.5100e-003
tblVehicleEF	LDT2	6.7950e-003	0.06
tblVehicleEF	LDT2	0.91	1.08
tblVehicleEF	LDT2	1.36	2.33
tblVehicleEF	LDT2	384.48	355.68
tblVehicleEF	LDT2	82.63	71.34
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.29
tblVehicleEF	LDT2	1.6320e-003	1.4900e-003
tblVehicleEF	LDT2	2.2340e-003	1.8610e-003
tblVehicleEF	LDT2	1.5010e-003	1.3720e-003
tblVehicleEF	LDT2	2.0540e-003	1.7120e-003
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.41

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tblVehicleEF	LDT2	0.09	0.30
tblVehicleEF	LDT2	3.8520e-003	3.5190e-003
tblVehicleEF	LDT2	8.4900e-004	7.0600e-004
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	5.7750e-003	3.8670e-003
tblVehicleEF	LDT2	9.2910e-003	0.09
tblVehicleEF	LDT2	0.76	0.90
tblVehicleEF	LDT2	2.02	3.48
tblVehicleEF	LDT2	352.80	332.09
tblVehicleEF	LDT2	82.63	73.53
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.15	0.35
tblVehicleEF	LDT2	1.6320e-003	1.4900e-003
tblVehicleEF	LDT2	2.2340e-003	1.8610e-003
tblVehicleEF	LDT2	1.5010e-003	1.3720e-003
tblVehicleEF	LDT2	2.0540e-003	1.7120e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.09	0.53
tblVehicleEF	LDT2	0.13	0.41



## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	LDT2	3.5340e-003	3.2850e-003
tblVehicleEF	LDT2	8.6100e-004	7.2800e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.09	0.53
tblVehicleEF	LDT2	0.14	0.45
tblVehicleEF	LHD1	5.9570e-003	5.5240e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.20	0.92
tblVehicleEF	LHD1	2.95	1.18
tblVehicleEF	LHD1	8.98	9.08
tblVehicleEF	LHD1	704.65	823.31
tblVehicleEF	LHD1	33.88	12.42
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.31	0.93
tblVehicleEF	LHD1	1.09	0.36
tblVehicleEF	LHD1	8.6000e-004	7.8900e-004
tblVehicleEF	LHD1	9.9630e-003	9.6690e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0630e-003	2.8300e-004
tblVehicleEF	LHD1	8.2300e-004	7.5500e-004
tblVehicleEF	LHD1	2.4910e-003	2.4170e-003
tblVehicleEF	LHD1	0.01	0.01

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tblVehicleEF	LHD1	9.7800e-004	2.6000e-004
tblVehicleEF	LHD1	2.8190e-003	2.2740e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.4030e-003	1.1320e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.33	0.58
tblVehicleEF	LHD1	0.30	0.09
tblVehicleEF	LHD1	9.0000e-005	8.8000e-005
tblVehicleEF	LHD1	6.9280e-003	8.0450e-003
tblVehicleEF	LHD1	3.9500e-004	1.2300e-004
tblVehicleEF	LHD1	2.8190e-003	2.2740e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4030e-003	1.1320e-003
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.33	0.58
tblVehicleEF	LHD1	0.33	0.10
tblVehicleEF	LHD1	5.9570e-003	5.5400e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.22	0.94
tblVehicleEF	LHD1	2.73	1.09
tblVehicleEF	LHD1	8.98	9.08
tblVehicleEF	LHD1	704.65	823.35
tblVehicleEF	LHD1	33.88	12.27

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tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.25	0.89
tblVehicleEF	LHD1	1.02	0.33
tblVehicleEF	LHD1	8.6000e-004	7.8900e-004
tblVehicleEF	LHD1	9.9630e-003	9.6690e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0630e-003	2.8300e-004
tblVehicleEF	LHD1	8.2300e-004	7.5500e-004
tblVehicleEF	LHD1	2.4910e-003	2.4170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.7800e-004	2.6000e-004
tblVehicleEF	LHD1	6.3880e-003	5.1730e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.9310e-003	2.3820e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.32	0.56
tblVehicleEF	LHD1	0.29	0.08
tblVehicleEF	LHD1	9.0000e-005	8.8000e-005
tblVehicleEF	LHD1	6.9280e-003	8.0460e-003
tblVehicleEF	LHD1	3.9100e-004	1.2100e-004
tblVehicleEF	LHD1	6.3880e-003	5.1730e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.9310e-003	2.3820e-003
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.32	0.56

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tblVehicleEF	LHD1	0.31	0.09
tblVehicleEF	LHD1	5.9570e-003	5.5110e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.17	0.90
tblVehicleEF	LHD1	3.17	1.26
tblVehicleEF	LHD1	8.98	9.08
tblVehicleEF	LHD1	704.65	823.28
tblVehicleEF	LHD1	33.88	12.56
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.34	0.95
tblVehicleEF	LHD1	1.15	0.38
tblVehicleEF	LHD1	8.6000e-004	7.8900e-004
tblVehicleEF	LHD1	9.9630e-003	9.6690e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0630e-003	2.8300e-004
tblVehicleEF	LHD1	8.2300e-004	7.5500e-004
tblVehicleEF	LHD1	2.4910e-003	2.4170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.7800e-004	2.6000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1330e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.3200e-004	5.8600e-004
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.37	0.65

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	LHD1	0.32	0.09
tblVehicleEF	LHD1	9.0000e-005	8.8000e-005
tblVehicleEF	LHD1	6.9270e-003	8.0450e-003
tblVehicleEF	LHD1	3.9900e-004	1.2400e-004
tblVehicleEF	LHD1	1.4130e-003	1.1330e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	7.3200e-004	5.8600e-004
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.37	0.65
tblVehicleEF	LHD1	0.35	0.10
tblVehicleEF	LHD2	3.8320e-003	3.4180e-003
tblVehicleEF	LHD2	9.2950e-003	8.1220e-003
tblVehicleEF	LHD2	8.8580e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.71
tblVehicleEF	LHD2	1.37	0.71
tblVehicleEF	LHD2	14.07	14.19
tblVehicleEF	LHD2	720.29	796.11
tblVehicleEF	LHD2	25.14	8.35
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.95	1.13
tblVehicleEF	LHD2	0.53	0.21
tblVehicleEF	LHD2	1.2990e-003	1.3930e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7100e-004	1.5100e-004

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	LHD2	1.2430e-003	1.3330e-003
tblVehicleEF	LHD2	2.6810e-003	2.6760e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.3300e-004	1.3800e-004
tblVehicleEF	LHD2	9.9400e-004	1.2620e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.0900e-004	6.1900e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.09	0.34
tblVehicleEF	LHD2	0.12	0.05
tblVehicleEF	LHD2	1.3700e-004	1.3600e-004
tblVehicleEF	LHD2	7.0090e-003	7.6920e-003
tblVehicleEF	LHD2	2.7600e-004	8.3000e-005
tblVehicleEF	LHD2	9.9400e-004	1.2620e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.0900e-004	6.1900e-004
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.09	0.34
tblVehicleEF	LHD2	0.13	0.06
tblVehicleEF	LHD2	3.8320e-003	3.4270e-003
tblVehicleEF	LHD2	9.4580e-003	8.2310e-003
tblVehicleEF	LHD2	8.3680e-003	9.5450e-003
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.64	0.72
tblVehicleEF	LHD2	1.27	0.66

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	LHD2	14.07	14.19
tblVehicleEF	LHD2	720.29	796.12
tblVehicleEF	LHD2	25.14	8.26
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.91	1.08
tblVehicleEF	LHD2	0.50	0.19
tblVehicleEF	LHD2	1.2990e-003	1.3930e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7100e-004	1.5100e-004
tblVehicleEF	LHD2	1.2430e-003	1.3330e-003
tblVehicleEF	LHD2	2.6810e-003	2.6760e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.3300e-004	1.3800e-004
tblVehicleEF	LHD2	2.2540e-003	2.8810e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0660e-003	1.3090e-003
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.09	0.33
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3700e-004	1.3600e-004
tblVehicleEF	LHD2	7.0090e-003	7.6920e-003
tblVehicleEF	LHD2	2.7500e-004	8.2000e-005
tblVehicleEF	LHD2	2.2540e-003	2.8810e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	LHD2	1.0660e-003	1.3090e-003
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.09	0.33
tblVehicleEF	LHD2	0.12	0.05
tblVehicleEF	LHD2	3.8320e-003	3.4110e-003
tblVehicleEF	LHD2	9.1660e-003	8.0350e-003
tblVehicleEF	LHD2	9.2820e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.70
tblVehicleEF	LHD2	1.47	0.76
tblVehicleEF	LHD2	14.07	14.19
tblVehicleEF	LHD2	720.29	796.09
tblVehicleEF	LHD2	25.14	8.44
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.97	1.15
tblVehicleEF	LHD2	0.56	0.22
tblVehicleEF	LHD2	1.2990e-003	1.3930e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7100e-004	1.5100e-004
tblVehicleEF	LHD2	1.2430e-003	1.3330e-003
tblVehicleEF	LHD2	2.6810e-003	2.6760e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.3300e-004	1.3800e-004
tblVehicleEF	LHD2	5.0200e-004	6.3200e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02



## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	LHD2	2.6700e-004	3.2300e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.10	0.38
tblVehicleEF	LHD2	0.13	0.05
tblVehicleEF	LHD2	1.3700e-004	1.3600e-004
tblVehicleEF	LHD2	7.0090e-003	7.6920e-003
tblVehicleEF	LHD2	2.7800e-004	8.4000e-005
tblVehicleEF	LHD2	5.0200e-004	6.3200e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.6700e-004	3.2300e-004
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.10	0.38
tblVehicleEF	LHD2	0.14	0.06
tblVehicleEF	MCY	0.44	0.33
tblVehicleEF	MCY	0.16	0.26
tblVehicleEF	MCY	19.41	19.56
tblVehicleEF	MCY	10.14	8.98
tblVehicleEF	MCY	168.73	210.39
tblVehicleEF	MCY	45.97	61.76
tblVehicleEF	MCY	1.15	1.15
tblVehicleEF	MCY	0.32	0.27
tblVehicleEF	MCY	1.9370e-003	1.8930e-003
tblVehicleEF	MCY	3.9880e-003	3.2130e-003
tblVehicleEF	MCY	1.8140e-003	1.7720e-003
tblVehicleEF	MCY	3.7640e-003	3.0300e-003
tblVehicleEF	MCY	0.91	0.91

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MCY	0.73	0.72
tblVehicleEF	MCY	0.50	0.50
tblVehicleEF	MCY	2.24	2.25
tblVehicleEF	MCY	0.63	2.13
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MCY	2.0700e-003	2.0820e-003
tblVehicleEF	MCY	6.9100e-004	6.1100e-004
tblVehicleEF	MCY	0.91	0.91
tblVehicleEF	MCY	0.73	0.72
tblVehicleEF	MCY	0.50	0.50
tblVehicleEF	MCY	2.77	2.77
tblVehicleEF	MCY	0.63	2.13
tblVehicleEF	MCY	2.43	2.14
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.14	0.22
tblVehicleEF	MCY	18.69	18.84
tblVehicleEF	MCY	8.94	7.86
tblVehicleEF	MCY	168.73	208.94
tblVehicleEF	MCY	45.97	58.88
tblVehicleEF	MCY	1.02	1.02
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	1.9370e-003	1.8930e-003
tblVehicleEF	MCY	3.9880e-003	3.2130e-003
tblVehicleEF	MCY	1.8140e-003	1.7720e-003
tblVehicleEF	MCY	3.7640e-003	3.0300e-003
tblVehicleEF	MCY	2.35	2.34
tblVehicleEF	MCY	0.95	0.95

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MCY	1.36	1.35
tblVehicleEF	MCY	2.16	2.17
tblVehicleEF	MCY	0.59	2.00
tblVehicleEF	MCY	1.87	1.63
tblVehicleEF	MCY	2.0560e-003	2.0680e-003
tblVehicleEF	MCY	6.6100e-004	5.8300e-004
tblVehicleEF	MCY	2.35	2.34
tblVehicleEF	MCY	0.95	0.95
tblVehicleEF	MCY	1.36	1.35
tblVehicleEF	MCY	2.67	2.67
tblVehicleEF	MCY	0.59	2.00
tblVehicleEF	MCY	2.03	1.78
tblVehicleEF	MCY	0.46	0.34
tblVehicleEF	MCY	0.19	0.30
tblVehicleEF	MCY	20.95	21.12
tblVehicleEF	MCY	11.55	10.28
tblVehicleEF	MCY	168.73	213.22
tblVehicleEF	MCY	45.97	64.91
tblVehicleEF	MCY	1.24	1.24
tblVehicleEF	MCY	0.34	0.29
tblVehicleEF	MCY	1.9370e-003	1.8930e-003
tblVehicleEF	MCY	3.9880e-003	3.2130e-003
tblVehicleEF	MCY	1.8140e-003	1.7720e-003
tblVehicleEF	MCY	3.7640e-003	3.0300e-003
tblVehicleEF	MCY	0.40	0.40
tblVehicleEF	MCY	0.88	0.86
tblVehicleEF	MCY	0.19	0.19

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MCY	2.34	2.35
tblVehicleEF	MCY	0.75	2.53
tblVehicleEF	MCY	2.59	2.30
tblVehicleEF	MCY	2.0980e-003	2.1100e-003
tblVehicleEF	MCY	7.2500e-004	6.4200e-004
tblVehicleEF	MCY	0.40	0.40
tblVehicleEF	MCY	0.88	0.86
tblVehicleEF	MCY	0.19	0.19
tblVehicleEF	MCY	2.88	2.89
tblVehicleEF	MCY	0.75	2.53
tblVehicleEF	MCY	2.81	2.50
tblVehicleEF	MDV	0.01	5.3420e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.32	1.10
tblVehicleEF	MDV	3.27	3.49
tblVehicleEF	MDV	473.55	406.59
tblVehicleEF	MDV	107.62	87.26
tblVehicleEF	MDV	0.16	0.12
tblVehicleEF	MDV	0.29	0.40
tblVehicleEF	MDV	1.8700e-003	1.6810e-003
tblVehicleEF	MDV	2.5800e-003	2.1330e-003
tblVehicleEF	MDV	1.7250e-003	1.5510e-003
tblVehicleEF	MDV	2.3740e-003	1.9630e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.03	0.02

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tblVehicleEF	MDV	0.11	0.48
tblVehicleEF	MDV	0.25	0.47
tblVehicleEF	MDV	4.7450e-003	4.0190e-003
tblVehicleEF	MDV	1.1340e-003	8.6400e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.48
tblVehicleEF	MDV	0.28	0.51
tblVehicleEF	MDV	0.01	5.9460e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.52	1.27
tblVehicleEF	MDV	2.59	2.74
tblVehicleEF	MDV	508.67	427.55
tblVehicleEF	MDV	107.62	85.80
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.26	0.35
tblVehicleEF	MDV	1.8700e-003	1.6810e-003
tblVehicleEF	MDV	2.5800e-003	2.1330e-003
tblVehicleEF	MDV	1.7250e-003	1.5510e-003
tblVehicleEF	MDV	2.3740e-003	1.9630e-003
tblVehicleEF	MDV	0.14	0.17
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.12	0.14
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.10	0.44

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MDV	0.21	0.39
tblVehicleEF	MDV	5.0990e-003	4.2270e-003
tblVehicleEF	MDV	1.1220e-003	8.4900e-004
tblVehicleEF	MDV	0.14	0.17
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.12	0.14
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.10	0.44
tblVehicleEF	MDV	0.23	0.43
tblVehicleEF	MDV	0.01	5.1890e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.31	1.09
tblVehicleEF	MDV	3.82	4.10
tblVehicleEF	MDV	467.76	403.17
tblVehicleEF	MDV	107.62	88.44
tblVehicleEF	MDV	0.18	0.13
tblVehicleEF	MDV	0.32	0.43
tblVehicleEF	MDV	1.8700e-003	1.6810e-003
tblVehicleEF	MDV	2.5800e-003	2.1330e-003
tblVehicleEF	MDV	1.7250e-003	1.5510e-003
tblVehicleEF	MDV	2.3740e-003	1.9630e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.18	0.16
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.29	0.53

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MDV	4.6870e-003	3.9860e-003
tblVehicleEF	MDV	1.1440e-003	8.7500e-004
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.18	0.16
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.32	0.58
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	2.90	1.62
tblVehicleEF	MH	6.68	2.37
tblVehicleEF	MH	1,223.22	1,583.82
tblVehicleEF	MH	59.88	19.77
tblVehicleEF	MH	1.49	1.51
tblVehicleEF	MH	0.92	0.25
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2930e-003	3.1000e-004
tblVehicleEF	MH	3.2150e-003	3.2650e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1890e-003	2.8500e-004
tblVehicleEF	MH	0.98	0.87
tblVehicleEF	MH	0.08	0.07
tblVehicleEF	MH	0.33	0.29
tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.02	1.76

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MH	0.38	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.1500e-004	1.9600e-004
tblVehicleEF	MH	0.98	0.87
tblVehicleEF	MH	0.08	0.07
tblVehicleEF	MH	0.33	0.29
tblVehicleEF	MH	0.17	0.12
tblVehicleEF	MH	0.02	1.76
tblVehicleEF	MH	0.42	0.12
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.03	1.69
tblVehicleEF	MH	6.05	2.16
tblVehicleEF	MH	1,223.22	1,583.94
tblVehicleEF	MH	59.88	19.41
tblVehicleEF	MH	1.40	1.42
tblVehicleEF	MH	0.86	0.23
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2930e-003	3.1000e-004
tblVehicleEF	MH	3.2150e-003	3.2650e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1890e-003	2.8500e-004
tblVehicleEF	MH	2.22	1.97
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.71	0.62
tblVehicleEF	MH	0.13	0.09



## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MH	0.02	1.71
tblVehicleEF	MH	0.36	0.10
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.0400e-004	1.9200e-004
tblVehicleEF	MH	2.22	1.97
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.71	0.62
tblVehicleEF	MH	0.18	0.12
tblVehicleEF	MH	0.02	1.71
tblVehicleEF	MH	0.39	0.11
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.80	1.58
tblVehicleEF	MH	7.29	2.56
tblVehicleEF	MH	1,223.22	1,583.74
tblVehicleEF	MH	59.88	20.10
tblVehicleEF	MH	1.54	1.55
tblVehicleEF	MH	0.97	0.26
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2930e-003	3.1000e-004
tblVehicleEF	MH	3.2150e-003	3.2650e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1890e-003	2.8500e-004
tblVehicleEF	MH	0.48	0.43
tblVehicleEF	MH	0.10	0.09
tblVehicleEF	MH	0.18	0.16

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.03	1.89
tblVehicleEF	MH	0.41	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2600e-004	1.9900e-004
tblVehicleEF	MH	0.48	0.43
tblVehicleEF	MH	0.10	0.09
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	0.17	0.12
tblVehicleEF	MH	0.03	1.89
tblVehicleEF	MH	0.45	0.12
tblVehicleEF	MHD	0.02	3.3710e-003
tblVehicleEF	MHD	6.6980e-003	0.01
tblVehicleEF	MHD	0.06	9.5540e-003
tblVehicleEF	MHD	0.40	0.37
tblVehicleEF	MHD	0.47	0.76
tblVehicleEF	MHD	7.25	1.20
tblVehicleEF	MHD	136.73	77.13
tblVehicleEF	MHD	1,206.00	1,160.41
tblVehicleEF	MHD	62.24	9.11
tblVehicleEF	MHD	0.58	0.67
tblVehicleEF	MHD	1.63	2.89
tblVehicleEF	MHD	10.30	1.17
tblVehicleEF	MHD	8.2700e-004	2.1340e-003
tblVehicleEF	MHD	7.2180e-003	0.07
tblVehicleEF	MHD	9.9100e-004	1.2300e-004
tblVehicleEF	MHD	7.9100e-004	2.0410e-003

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MHD	6.8990e-003	0.07
tblVehicleEF	MHD	9.1100e-004	1.1300e-004
tblVehicleEF	MHD	1.0740e-003	4.8800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.3000e-004	2.3700e-004
tblVehicleEF	MHD	0.06	0.19
tblVehicleEF	MHD	0.03	0.13
tblVehicleEF	MHD	0.43	0.05
tblVehicleEF	MHD	1.3170e-003	7.3100e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.4900e-004	9.0000e-005
tblVehicleEF	MHD	1.0740e-003	4.8800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.3000e-004	2.3700e-004
tblVehicleEF	MHD	0.08	0.22
tblVehicleEF	MHD	0.03	0.13
tblVehicleEF	MHD	0.47	0.06
tblVehicleEF	MHD	0.02	3.1690e-003
tblVehicleEF	MHD	6.8520e-003	0.01
tblVehicleEF	MHD	0.05	8.9940e-003
tblVehicleEF	MHD	0.28	0.30
tblVehicleEF	MHD	0.48	0.77
tblVehicleEF	MHD	6.66	1.11
tblVehicleEF	MHD	144.99	78.59
tblVehicleEF	MHD	1,206.00	1,160.42

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MHD	62.24	8.94
tblVehicleEF	MHD	0.59	0.68
tblVehicleEF	MHD	1.56	2.77
tblVehicleEF	MHD	10.24	1.16
tblVehicleEF	MHD	6.9700e-004	1.8020e-003
tblVehicleEF	MHD	7.2180e-003	0.07
tblVehicleEF	MHD	9.9100e-004	1.2300e-004
tblVehicleEF	MHD	6.6700e-004	1.7240e-003
tblVehicleEF	MHD	6.8990e-003	0.07
tblVehicleEF	MHD	9.1100e-004	1.1300e-004
tblVehicleEF	MHD	2.5110e-003	1.1470e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.1770e-003	5.3000e-004
tblVehicleEF	MHD	0.06	0.19
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.40	0.05
tblVehicleEF	MHD	1.3950e-003	7.4500e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.3900e-004	8.9000e-005
tblVehicleEF	MHD	2.5110e-003	1.1470e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.1770e-003	5.3000e-004
tblVehicleEF	MHD	0.08	0.22
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.44	0.05

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MHD	0.02	3.5760e-003
tblVehicleEF	MHD	6.5800e-003	0.01
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.53	0.45
tblVehicleEF	MHD	0.46	0.75
tblVehicleEF	MHD	7.79	1.29
tblVehicleEF	MHD	125.70	75.23
tblVehicleEF	MHD	1,206.00	1,160.39
tblVehicleEF	MHD	62.24	9.26
tblVehicleEF	MHD	0.55	0.66
tblVehicleEF	MHD	1.66	2.94
tblVehicleEF	MHD	10.36	1.17
tblVehicleEF	MHD	1.0060e-003	2.5930e-003
tblVehicleEF	MHD	7.2180e-003	0.07
tblVehicleEF	MHD	9.9100e-004	1.2300e-004
tblVehicleEF	MHD	9.6300e-004	2.4800e-003
tblVehicleEF	MHD	6.8990e-003	0.07
tblVehicleEF	MHD	9.1100e-004	1.1300e-004
tblVehicleEF	MHD	5.2400e-004	2.3700e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	2.6600e-004	1.1800e-004
tblVehicleEF	MHD	0.06	0.19
tblVehicleEF	MHD	0.03	0.14
tblVehicleEF	MHD	0.45	0.06
tblVehicleEF	MHD	1.2130e-003	7.1300e-004
tblVehicleEF	MHD	0.01	0.01

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MHD	7.5800e-004	9.2000e-005
tblVehicleEF	MHD	5.2400e-004	2.3700e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.6600e-004	1.1800e-004
tblVehicleEF	MHD	0.07	0.22
tblVehicleEF	MHD	0.03	0.14
tblVehicleEF	MHD	0.50	0.06
tblVehicleEF	OBUS	0.01	7.4560e-003
tblVehicleEF	OBUS	9.3020e-003	8.2760e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.57
tblVehicleEF	OBUS	0.58	0.77
tblVehicleEF	OBUS	5.50	1.97
tblVehicleEF	OBUS	110.36	98.57
tblVehicleEF	OBUS	1,314.27	1,386.54
tblVehicleEF	OBUS	67.24	15.72
tblVehicleEF	OBUS	0.58	0.61
tblVehicleEF	OBUS	1.90	2.07
tblVehicleEF	OBUS	2.86	0.95
tblVehicleEF	OBUS	2.0100e-004	2.1490e-003
tblVehicleEF	OBUS	8.9640e-003	0.03
tblVehicleEF	OBUS	7.5500e-004	1.3500e-004
tblVehicleEF	OBUS	1.9200e-004	2.0560e-003
tblVehicleEF	OBUS	8.5580e-003	0.03
tblVehicleEF	OBUS	6.9400e-004	1.2400e-004
tblVehicleEF	OBUS	1.1920e-003	1.0870e-003

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	5.1400e-004	4.7200e-004
tblVehicleEF	OBUS	0.08	0.10
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.35	0.09
tblVehicleEF	OBUS	1.0650e-003	9.3600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6900e-004	1.5600e-004
tblVehicleEF	OBUS	1.1920e-003	1.0870e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	5.1400e-004	4.7200e-004
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.38	0.10
tblVehicleEF	OBUS	0.01	7.4820e-003
tblVehicleEF	OBUS	9.5280e-003	8.4350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.27	0.54
tblVehicleEF	OBUS	0.60	0.78
tblVehicleEF	OBUS	5.02	1.79
tblVehicleEF	OBUS	115.93	99.03
tblVehicleEF	OBUS	1,314.27	1,386.57
tblVehicleEF	OBUS	67.24	15.42
tblVehicleEF	OBUS	0.60	0.61
tblVehicleEF	OBUS	1.82	1.98

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	OBUS	2.80	0.94
tblVehicleEF	OBUS	1.6900e-004	1.8170e-003
tblVehicleEF	OBUS	8.9640e-003	0.03
tblVehicleEF	OBUS	7.5500e-004	1.3500e-004
tblVehicleEF	OBUS	1.6200e-004	1.7380e-003
tblVehicleEF	OBUS	8.5580e-003	0.03
tblVehicleEF	OBUS	6.9400e-004	1.2400e-004
tblVehicleEF	OBUS	2.6670e-003	2.4110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.0870e-003	9.8400e-004
tblVehicleEF	OBUS	0.08	0.10
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.32	0.09
tblVehicleEF	OBUS	1.1180e-003	9.4100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6100e-004	1.5300e-004
tblVehicleEF	OBUS	2.6670e-003	2.4110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.0870e-003	9.8400e-004
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.35	0.10
tblVehicleEF	OBUS	0.01	7.4320e-003
tblVehicleEF	OBUS	9.1270e-003	8.1530e-003
tblVehicleEF	OBUS	0.03	0.02



## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	OBUS	0.30	0.60
tblVehicleEF	OBUS	0.57	0.75
tblVehicleEF	OBUS	5.94	2.13
tblVehicleEF	OBUS	102.66	97.94
tblVehicleEF	OBUS	1,314.27	1,386.52
tblVehicleEF	OBUS	67.24	15.98
tblVehicleEF	OBUS	0.56	0.62
tblVehicleEF	OBUS	1.94	2.11
tblVehicleEF	OBUS	2.92	0.96
tblVehicleEF	OBUS	2.4400e-004	2.6080e-003
tblVehicleEF	OBUS	8.9640e-003	0.03
tblVehicleEF	OBUS	7.5500e-004	1.3500e-004
tblVehicleEF	OBUS	2.3400e-004	2.4950e-003
tblVehicleEF	OBUS	8.5580e-003	0.03
tblVehicleEF	OBUS	6.9400e-004	1.2400e-004
tblVehicleEF	OBUS	6.3700e-004	5.8800e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	2.9000e-004	2.6800e-004
tblVehicleEF	OBUS	0.07	0.10
tblVehicleEF	OBUS	0.03	0.19
tblVehicleEF	OBUS	0.36	0.10
tblVehicleEF	OBUS	9.9100e-004	9.3000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7600e-004	1.5800e-004
tblVehicleEF	OBUS	6.3700e-004	5.8800e-004
tblVehicleEF	OBUS	0.02	0.02

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	2.9000e-004	2.6800e-004
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.03	0.19
tblVehicleEF	OBUS	0.40	0.11
tblVehicleEF	SBUS	0.86	0.05
tblVehicleEF	SBUS	0.02	6.8250e-003
tblVehicleEF	SBUS	0.09	4.3890e-003
tblVehicleEF	SBUS	8.04	1.99
tblVehicleEF	SBUS	1.25	0.56
tblVehicleEF	SBUS	10.59	0.66
tblVehicleEF	SBUS	1,134.67	347.43
tblVehicleEF	SBUS	1,066.60	1,081.24
tblVehicleEF	SBUS	54.09	3.67
tblVehicleEF	SBUS	9.77	3.69
tblVehicleEF	SBUS	4.41	5.30
tblVehicleEF	SBUS	12.56	0.73
tblVehicleEF	SBUS	0.01	4.5040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	8.6500e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	4.3090e-003
tblVehicleEF	SBUS	2.6420e-003	2.7440e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	7.9500e-004	3.7000e-005
tblVehicleEF	SBUS	3.7040e-003	4.6600e-004
tblVehicleEF	SBUS	0.04	4.4900e-003

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	SBUS	0.97	0.22
tblVehicleEF	SBUS	1.4870e-003	1.8600e-004
tblVehicleEF	SBUS	0.13	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.53	0.03
tblVehicleEF	SBUS	0.01	3.3040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2400e-004	3.6000e-005
tblVehicleEF	SBUS	3.7040e-003	4.6600e-004
tblVehicleEF	SBUS	0.04	4.4900e-003
tblVehicleEF	SBUS	1.39	0.31
tblVehicleEF	SBUS	1.4870e-003	1.8600e-004
tblVehicleEF	SBUS	0.16	0.11
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.58	0.03
tblVehicleEF	SBUS	0.86	0.05
tblVehicleEF	SBUS	0.02	6.9320e-003
tblVehicleEF	SBUS	0.08	3.6890e-003
tblVehicleEF	SBUS	7.91	1.94
tblVehicleEF	SBUS	1.28	0.57
tblVehicleEF	SBUS	7.78	0.48
tblVehicleEF	SBUS	1,186.23	357.77
tblVehicleEF	SBUS	1,066.60	1,081.26
tblVehicleEF	SBUS	54.09	3.38
tblVehicleEF	SBUS	10.08	3.78
tblVehicleEF	SBUS	4.22	5.09
tblVehicleEF	SBUS	12.50	0.73

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	SBUS	8.8720e-003	3.8040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	8.6500e-004	4.0000e-005
tblVehicleEF	SBUS	8.4880e-003	3.6400e-003
tblVehicleEF	SBUS	2.6420e-003	2.7440e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	7.9500e-004	3.7000e-005
tblVehicleEF	SBUS	8.3470e-003	1.0580e-003
tblVehicleEF	SBUS	0.04	4.7210e-003
tblVehicleEF	SBUS	0.96	0.22
tblVehicleEF	SBUS	3.1820e-003	4.0400e-004
tblVehicleEF	SBUS	0.13	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.44	0.02
tblVehicleEF	SBUS	0.01	3.4020e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7700e-004	3.3000e-005
tblVehicleEF	SBUS	8.3470e-003	1.0580e-003
tblVehicleEF	SBUS	0.04	4.7210e-003
tblVehicleEF	SBUS	1.39	0.31
tblVehicleEF	SBUS	3.1820e-003	4.0400e-004
tblVehicleEF	SBUS	0.16	0.11
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.48	0.02
tblVehicleEF	SBUS	0.86	0.05
tblVehicleEF	SBUS	0.02	6.7400e-003

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	SBUS	0.10	5.0170e-003
tblVehicleEF	SBUS	8.20	2.04
tblVehicleEF	SBUS	1.22	0.55
tblVehicleEF	SBUS	13.43	0.83
tblVehicleEF	SBUS	1,063.46	333.15
tblVehicleEF	SBUS	1,066.60	1,081.23
tblVehicleEF	SBUS	54.09	3.96
tblVehicleEF	SBUS	9.34	3.56
tblVehicleEF	SBUS	4.50	5.39
tblVehicleEF	SBUS	12.61	0.73
tblVehicleEF	SBUS	0.01	5.4710e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	8.6500e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.2340e-003
tblVehicleEF	SBUS	2.6420e-003	2.7440e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	7.9500e-004	3.7000e-005
tblVehicleEF	SBUS	1.9750e-003	2.4400e-004
tblVehicleEF	SBUS	0.04	4.6390e-003
tblVehicleEF	SBUS	0.97	0.22
tblVehicleEF	SBUS	8.4200e-004	1.0400e-004
tblVehicleEF	SBUS	0.12	0.09
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.60	0.03
tblVehicleEF	SBUS	0.01	3.1690e-003
tblVehicleEF	SBUS	0.01	0.01

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	SBUS	7.7000e-004	3.9000e-005
tblVehicleEF	SBUS	1.9750e-003	2.4400e-004
tblVehicleEF	SBUS	0.04	4.6390e-003
tblVehicleEF	SBUS	1.40	0.32
tblVehicleEF	SBUS	8.4200e-004	1.0400e-004
tblVehicleEF	SBUS	0.15	0.11
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.66	0.03
tblVehicleEF	UBUS	0.28	1.38
tblVehicleEF	UBUS	0.04	2.6650e-003
tblVehicleEF	UBUS	5.43	10.36
tblVehicleEF	UBUS	8.06	0.14
tblVehicleEF	UBUS	2,118.14	1,606.74
tblVehicleEF	UBUS	94.20	1.64
tblVehicleEF	UBUS	11.45	0.73
tblVehicleEF	UBUS	15.24	0.02
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.26	5.2780e-003
tblVehicleEF	UBUS	1.0370e-003	2.0000e-006
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	8.3320e-003
tblVehicleEF	UBUS	0.25	5.0490e-003
tblVehicleEF	UBUS	9.5300e-004	2.0000e-006
tblVehicleEF	UBUS	2.2720e-003	1.7500e-004
tblVehicleEF	UBUS	0.04	2.6930e-003
tblVehicleEF	UBUS	1.0590e-003	1.1000e-004

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	UBUS	0.72	0.02
tblVehicleEF	UBUS	8.0440e-003	0.02
tblVehicleEF	UBUS	0.55	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.0850e-003	1.6000e-005
tblVehicleEF	UBUS	2.2720e-003	1.7500e-004
tblVehicleEF	UBUS	0.04	2.6930e-003
tblVehicleEF	UBUS	1.0590e-003	1.1000e-004
tblVehicleEF	UBUS	1.05	1.41
tblVehicleEF	UBUS	8.0440e-003	0.02
tblVehicleEF	UBUS	0.61	0.01
tblVehicleEF	UBUS	0.28	1.38
tblVehicleEF	UBUS	0.04	2.3690e-003
tblVehicleEF	UBUS	5.50	10.36
tblVehicleEF	UBUS	6.40	0.11
tblVehicleEF	UBUS	2,118.14	1,606.74
tblVehicleEF	UBUS	94.20	1.60
tblVehicleEF	UBUS	10.98	0.73
tblVehicleEF	UBUS	15.18	0.02
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.26	5.2780e-003
tblVehicleEF	UBUS	1.0370e-003	2.0000e-006
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	8.3320e-003
tblVehicleEF	UBUS	0.25	5.0490e-003
tblVehicleEF	UBUS	9.5300e-004	2.0000e-006

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	UBUS	5.4590e-003	3.7600e-004
tblVehicleEF	UBUS	0.05	2.9120e-003
tblVehicleEF	UBUS	2.5450e-003	2.1200e-004
tblVehicleEF	UBUS	0.73	0.02
tblVehicleEF	UBUS	7.4030e-003	0.02
tblVehicleEF	UBUS	0.48	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.0570e-003	1.6000e-005
tblVehicleEF	UBUS	5.4590e-003	3.7600e-004
tblVehicleEF	UBUS	0.05	2.9120e-003
tblVehicleEF	UBUS	2.5450e-003	2.1200e-004
tblVehicleEF	UBUS	1.07	1.41
tblVehicleEF	UBUS	7.4030e-003	0.02
tblVehicleEF	UBUS	0.53	0.01
tblVehicleEF	UBUS	0.27	1.38
tblVehicleEF	UBUS	0.05	2.9130e-003
tblVehicleEF	UBUS	5.39	10.36
tblVehicleEF	UBUS	9.65	0.16
tblVehicleEF	UBUS	2,118.14	1,606.74
tblVehicleEF	UBUS	94.20	1.68
tblVehicleEF	UBUS	11.63	0.73
tblVehicleEF	UBUS	15.29	0.02
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.26	5.2780e-003
tblVehicleEF	UBUS	1.0370e-003	2.0000e-006
tblVehicleEF	UBUS	0.27	0.03



## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleEF	UBUS	3.0000e-003	8.3320e-003
tblVehicleEF	UBUS	0.25	5.0490e-003
tblVehicleEF	UBUS	9.5300e-004	2.0000e-006
tblVehicleEF	UBUS	1.1910e-003	1.0400e-004
tblVehicleEF	UBUS	0.05	2.7720e-003
tblVehicleEF	UBUS	5.3700e-004	6.7000e-005
tblVehicleEF	UBUS	0.71	0.02
tblVehicleEF	UBUS	9.8390e-003	0.02
tblVehicleEF	UBUS	0.62	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.1120e-003	1.7000e-005
tblVehicleEF	UBUS	1.1910e-003	1.0400e-004
tblVehicleEF	UBUS	0.05	2.7720e-003
tblVehicleEF	UBUS	5.3700e-004	6.7000e-005
tblVehicleEF	UBUS	1.04	1.41
tblVehicleEF	UBUS	9.8390e-003	0.02
tblVehicleEF	UBUS	0.68	0.01
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	77.00	100.00

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	2.46	13.63
tblVehicleTrips	ST_TR	1.68	0.77
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.05	13.63
tblVehicleTrips	SU_TR	1.68	0.77
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	11.03	13.63
tblVehicleTrips	WD_TR	1.68	0.77

## 2.0 Emissions Summary

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2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

**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	3.6013	4.5000e-004	0.0494	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		0.1054	0.1054	2.8000e-004		0.1124
Energy	0.0197	0.1789	0.1503	1.0700e-003		0.0136	0.0136		0.0136	0.0136		214.7038	214.7038	4.1200e-003	3.9400e-003	215.9797
Mobile	0.6491	6.7496	5.5780	0.0309	1.9909	0.1028	2.0937	0.5405	0.0981	0.6387		3,253.779 2	3,253.779 2	0.0944		3,256.138 3
<b>Total</b>	<b>4.2700</b>	<b>6.9289</b>	<b>5.7777</b>	<b>0.0320</b>	<b>1.9909</b>	<b>0.1166</b>	<b>2.1075</b>	<b>0.5405</b>	<b>0.1119</b>	<b>0.6524</b>		<b>3,468.588 4</b>	<b>3,468.588 4</b>	<b>0.0988</b>	<b>3.9400e-003</b>	<b>3,472.230 3</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	lb/day										lb/day					
Area	3.6013	4.5000e-004	0.0494	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		0.1054	0.1054	2.8000e-004		0.1124
Energy	0.0139	0.1260	0.1059	7.6000e-004		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003		151.2374	151.2374	2.9000e-003	2.7700e-003	152.1361
Mobile	0.6491	6.7496	5.5780	0.0309	1.9909	0.1028	2.0937	0.5405	0.0981	0.6387		3,253.779 2	3,253.779 2	0.0944		3,256.138 3
<b>Total</b>	<b>4.2642</b>	<b>6.8761</b>	<b>5.7333</b>	<b>0.0317</b>	<b>1.9909</b>	<b>0.1126</b>	<b>2.1035</b>	<b>0.5405</b>	<b>0.1079</b>	<b>0.6484</b>		<b>3,405.122 0</b>	<b>3,405.122 0</b>	<b>0.0975</b>	<b>2.7700e-003</b>	<b>3,408.386 7</b>

## 2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

	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	0.14	0.76	0.77	0.97	0.00	3.45	0.19	0.00	3.59	0.62	0.00	1.83	1.83	1.24	29.70	1.84

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	11/1/2020	11/2/2020	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 7.74

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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	0	8.00	46	0.45

#### Trips and VMT

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

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
Building Construction	8	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Building Construction - 2020**

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	1.7778	17.6147	15.0815	0.0244		1.0302	1.0302		0.9634	0.9634		2,345.5853	2,345.5853	0.5922		2,360.3901
<b>Total</b>	<b>1.7778</b>	<b>17.6147</b>	<b>15.0815</b>	<b>0.0244</b>		<b>1.0302</b>	<b>1.0302</b>		<b>0.9634</b>	<b>0.9634</b>		<b>2,345.5853</b>	<b>2,345.5853</b>	<b>0.5922</b>		<b>2,360.3901</b>

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

**3.2 Building Construction - 2020**

**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
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
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>			<b>0.0000</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	1.7778	17.6147	15.0815	0.0244		1.0302	1.0302		0.9634	0.9634	0.0000	2,345.5853	2,345.5853	0.5922			2,360.3901
<b>Total</b>	<b>1.7778</b>	<b>17.6147</b>	<b>15.0815</b>	<b>0.0244</b>		<b>1.0302</b>	<b>1.0302</b>		<b>0.9634</b>	<b>0.9634</b>	<b>0.0000</b>	<b>2,345.5853</b>	<b>2,345.5853</b>	<b>0.5922</b>			<b>2,360.3901</b>

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

**3.2 Building Construction - 2020**

**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
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
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**



2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

	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	0.6491	6.7496	5.5780	0.0309	1.9909	0.1028	2.0937	0.5405	0.0981	0.6387		3,253.779 2	3,253.779 2	0.0944		3,256.138 3
Unmitigated	0.6491	6.7496	5.5780	0.0309	1.9909	0.1028	2.0937	0.5405	0.0981	0.6387		3,253.779 2	3,253.779 2	0.0944		3,256.138 3

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		
General Office Building	184.97	184.97	184.97	639,636	639,636
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	99.00	99.00	99.00	263,067	263,067
<b>Total</b>	<b>283.97</b>	<b>283.97</b>	<b>283.97</b>	<b>902,703</b>	<b>902,703</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	66	28	6
General Office Building	9.50	7.30	7.30	100.00	0.00	0.00	100	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	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.131008	0.326719	0.542274	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Exceed Title 24

	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	0.0139	0.1260	0.1059	7.6000e-004		9.5800e-003	9.5800e-003		9.5800e-003	9.5800e-003		151.2374	151.2374	2.9000e-003	2.7700e-003	152.1361
NaturalGas Unmitigated	0.0197	0.1789	0.1503	1.0700e-003		0.0136	0.0136		0.0136	0.0136		214.7038	214.7038	4.1200e-003	3.9400e-003	215.9797

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

**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
General Office Building	608.695	6.5600e-003	0.0597	0.0501	3.6000e-004		4.5400e-003	4.5400e-003		4.5400e-003	4.5400e-003		71.6112	71.6112	1.3700e-003	1.3100e-003	72.0367
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 Rail	1216.29	0.0131	0.1192	0.1002	7.2000e-004		9.0600e-003	9.0600e-003		9.0600e-003	9.0600e-003		143.0926	143.0926	2.7400e-003	2.6200e-003	143.9430
<b>Total</b>		<b>0.0197</b>	<b>0.1789</b>	<b>0.1503</b>	<b>1.0800e-003</b>		<b>0.0136</b>	<b>0.0136</b>		<b>0.0136</b>	<b>0.0136</b>		<b>214.7038</b>	<b>214.7038</b>	<b>4.1100e-003</b>	<b>3.9300e-003</b>	<b>215.9797</b>

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

**5.2 Energy by Land Use - NaturalGas**

**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					
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
General Office Building	0.426756	4.6000e-003	0.0418	0.0351	2.5000e-004		3.1800e-003	3.1800e-003		3.1800e-003	3.1800e-003		50.2066	50.2066	9.6000e-004	9.2000e-004	50.5049
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 Rail	0.858762	9.2600e-003	0.0842	0.0707	5.1000e-004		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003		101.0308	101.0308	1.9400e-003	1.8500e-003	101.6312
<b>Total</b>		<b>0.0139</b>	<b>0.1260</b>	<b>0.1059</b>	<b>7.6000e-004</b>		<b>9.5800e-003</b>	<b>9.5800e-003</b>		<b>9.5800e-003</b>	<b>9.5800e-003</b>		<b>151.2374</b>	<b>151.2374</b>	<b>2.9000e-003</b>	<b>2.7700e-003</b>	<b>152.1361</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

	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	3.6013	4.5000e-004	0.0494	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		0.1054	0.1054	2.8000e-004		0.1124
Unmitigated	3.6013	4.5000e-004	0.0494	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		0.1054	0.1054	2.8000e-004		0.1124

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	0.4429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.1538					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.6100e-003	4.5000e-004	0.0494	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		0.1054	0.1054	2.8000e-004		0.1124
<b>Total</b>	<b>3.6013</b>	<b>4.5000e-004</b>	<b>0.0494</b>	<b>0.0000</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>		<b>0.1054</b>	<b>0.1054</b>	<b>2.8000e-004</b>		<b>0.1124</b>

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

**6.2 Area by SubCategory**

**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	0.4429					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.1538					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.6100e-003	4.5000e-004	0.0494	0.0000		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		0.1054	0.1054	2.8000e-004		0.1124
<b>Total</b>	<b>3.6013</b>	<b>4.5000e-004</b>	<b>0.0494</b>	<b>0.0000</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>		<b>0.1054</b>	<b>0.1054</b>	<b>2.8000e-004</b>		<b>0.1124</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

- Institute Recycling and Composting Services

2256 Junction Ave - Existing Conditions (Operations Only) - Santa Clara County, Winter

**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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2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**2256 Junction Ave Proposed Project Construction - No Operations  
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	8.21	1000sqft	0.19	8,210.00	0
Parking Lot	79.54	1000sqft	1.83	79,542.00	0
Unenclosed Parking Structure	33.79	1000sqft	0.78	33,790.00	0
City Park	0.70	Acre	0.70	30,492.00	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>	2021
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	163	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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



2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

Project Characteristics - PG&E intensity factor per CR&SR 2019

Land Use - construct new parking canopy, resurface parking area, update retention areas (modeled as City Park), improvements to warehouse

Construction Phase - anticipated construction

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - anticipated construction equipment

Off-road Equipment -

Off-road Equipment -

On-road Fugitive Dust - Construction Only - No Operation Emissions

Demolition - building material demolition, minimal pavement

Grading - anticipated construction, export 5,000 cy

Vehicle Trips - Construction Only - Operations

Energy Use -

Construction Off-road Equipment Mitigation - BAAQMD rule compliance, require tier 4 engines

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation - 2019 Title 24

Water Mitigation -

Waste Mitigation - Per Ab 939

Fleet Mix - adjusted fleet mix

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15



## 2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	18.00	66.00
tblConstructionPhase	NumDays	230.00	65.00
tblConstructionPhase	NumDays	20.00	44.00
tblConstructionPhase	NumDays	8.00	65.00
tblConstructionPhase	NumDays	18.00	44.00
tblConstructionPhase	NumDays	5.00	44.00
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LandUseSquareFeet	79,540.00	79,542.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	163
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	1.68	0.00

## 2.0 Emissions Summary

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2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**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	0.2550	1.1000e-004	0.0125	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0268	0.0268	7.0000e-005		0.0285
Energy	8.4000e-004	7.6500e-003	6.4300e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.1825	9.1825	1.8000e-004	1.7000e-004	9.2371
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.2558</b>	<b>7.7600e-003</b>	<b>0.0190</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>6.2000e-004</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>6.2000e-004</b>	<b>6.2000e-004</b>		<b>9.2093</b>	<b>9.2093</b>	<b>2.5000e-004</b>	<b>1.7000e-004</b>	<b>9.2656</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	lb/day										lb/day					
Area	0.2550	1.1000e-004	0.0125	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0268	0.0268	7.0000e-005		0.0285
Energy	5.9000e-004	5.4000e-003	4.5400e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004		6.4833	6.4833	1.2000e-004	1.2000e-004	6.5219
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.2556</b>	<b>5.5100e-003</b>	<b>0.0171</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>4.5000e-004</b>	<b>4.5000e-004</b>	<b>0.0000</b>	<b>4.5000e-004</b>	<b>4.5000e-004</b>		<b>6.5101</b>	<b>6.5101</b>	<b>1.9000e-004</b>	<b>1.2000e-004</b>	<b>6.5504</b>

## 2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

	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	0.10	28.99	9.97	40.00	0.00	27.42	27.42	0.00	27.42	27.42	0.00	29.31	29.31	24.00	29.41	29.30

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2021	6/1/2021	5	44	
2	Site Preparation	Site Preparation	4/1/2021	6/1/2021	5	44	
3	Grading	Grading	5/1/2021	8/1/2021	5	65	
4	Building Construction	Building Construction	5/1/2021	8/1/2021	5	65	
5	Paving	Paving	6/1/2021	8/1/2021	5	44	
6	Architectural Coating	Architectural Coating	7/1/2021	9/30/2021	5	66	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 32.5

Acres of Paving: 2.61

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 12,315; Non-Residential Outdoor: 4,105; Striped Parking Area: 6,800 (Architectural Coating – sqft)

#### OffRoad Equipment

## 2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

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	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	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	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

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	191.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	625.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	64.00	25.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	13.00	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

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads



2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**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					
Fugitive Dust					0.9396	0.0000	0.9396	0.1423	0.0000	0.1423			0.0000			0.0000
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>0.9396</b>	<b>1.5513</b>	<b>2.4910</b>	<b>0.1423</b>	<b>1.4411</b>	<b>1.5834</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	0.0337	1.1384	0.2453	3.4000e-003	0.0759	3.6000e-003	0.0795	0.0208	3.4400e-003	0.0242		362.9309	362.9309	0.0160		363.3317
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
Worker	0.0483	0.0286	0.3780	1.1700e-003	0.1232	7.5000e-004	0.1240	0.0327	6.9000e-004	0.0334		116.7016	116.7016	2.6500e-003		116.7679
<b>Total</b>	<b>0.0820</b>	<b>1.1671</b>	<b>0.6233</b>	<b>4.5700e-003</b>	<b>0.1991</b>	<b>4.3500e-003</b>	<b>0.2034</b>	<b>0.0535</b>	<b>4.1300e-003</b>	<b>0.0576</b>		<b>479.6325</b>	<b>479.6325</b>	<b>0.0187</b>		<b>480.0996</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**3.2 Demolition - 2021**

**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					0.4017	0.0000	0.4017	0.0608	0.0000	0.0608			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>0.4623</b>	<b>2.0032</b>	<b>23.2798</b>	<b>0.0388</b>	<b>0.4017</b>	<b>0.0616</b>	<b>0.4633</b>	<b>0.0608</b>	<b>0.0616</b>	<b>0.1225</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	0.0337	1.1384	0.2453	3.4000e-003	0.0724	3.6000e-003	0.0760	0.0200	3.4400e-003	0.0234		362.9309	362.9309	0.0160		363.3317
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
Worker	0.0483	0.0286	0.3780	1.1700e-003	0.1168	7.5000e-004	0.1175	0.0311	6.9000e-004	0.0318		116.7016	116.7016	2.6500e-003		116.7679
<b>Total</b>	<b>0.0820</b>	<b>1.1671</b>	<b>0.6233</b>	<b>4.5700e-003</b>	<b>0.1892</b>	<b>4.3500e-003</b>	<b>0.1936</b>	<b>0.0511</b>	<b>4.1300e-003</b>	<b>0.0552</b>		<b>479.6325</b>	<b>479.6325</b>	<b>0.0187</b>		<b>480.0996</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**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					18.0791	0.0000	18.0791	9.9326	0.0000	9.9326			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>18.0791</b>	<b>2.0445</b>	<b>20.1236</b>	<b>9.9326</b>	<b>1.8809</b>	<b>11.8135</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	0.1101	3.7252	0.8027	0.0111	0.2483	0.0118	0.2601	0.0681	0.0113	0.0793		1,187.6010	1,187.6010	0.0525		1,188.9125
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
Worker	0.0580	0.0343	0.4536	1.4100e-003	0.1479	9.0000e-004	0.1488	0.0392	8.3000e-004	0.0401		140.0420	140.0420	3.1800e-003		140.1215
<b>Total</b>	<b>0.1681</b>	<b>3.7596</b>	<b>1.2563</b>	<b>0.0125</b>	<b>0.3962</b>	<b>0.0127</b>	<b>0.4088</b>	<b>0.1073</b>	<b>0.0121</b>	<b>0.1194</b>		<b>1,327.6430</b>	<b>1,327.6430</b>	<b>0.0556</b>		<b>1,329.0340</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**3.3 Site Preparation - 2021**

**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					7.7288	0.0000	7.7288	4.2462	0.0000	4.2462			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>0.4656</b>	<b>2.0175</b>	<b>20.8690</b>	<b>0.0380</b>	<b>7.7288</b>	<b>0.0621</b>	<b>7.7909</b>	<b>4.2462</b>	<b>0.0621</b>	<b>4.3083</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	0.1101	3.7252	0.8027	0.0111	0.2370	0.0118	0.2488	0.0653	0.0113	0.0766		1,187.6010	1,187.6010	0.0525		1,188.9125
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
Worker	0.0580	0.0343	0.4536	1.4100e-003	0.1402	9.0000e-004	0.1411	0.0373	8.3000e-004	0.0382		140.0420	140.0420	3.1800e-003		140.1215
<b>Total</b>	<b>0.1681</b>	<b>3.7596</b>	<b>1.2563</b>	<b>0.0125</b>	<b>0.3772</b>	<b>0.0127</b>	<b>0.3898</b>	<b>0.1026</b>	<b>0.0121</b>	<b>0.1147</b>		<b>1,327.6430</b>	<b>1,327.6430</b>	<b>0.0556</b>		<b>1,329.0340</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**3.4 Grading - 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					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
<b>Total</b>	<b>2.2903</b>	<b>24.7367</b>	<b>15.8575</b>	<b>0.0296</b>	<b>6.5523</b>	<b>1.1599</b>	<b>7.7123</b>	<b>3.3675</b>	<b>1.0671</b>	<b>4.4346</b>		<b>2,871.9285</b>	<b>2,871.9285</b>	<b>0.9288</b>		<b>2,895.1495</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
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
Worker	0.0483	0.0286	0.3780	1.1700e-003	0.1232	7.5000e-004	0.1240	0.0327	6.9000e-004	0.0334		116.7016	116.7016	2.6500e-003		116.7679
<b>Total</b>	<b>0.0483</b>	<b>0.0286</b>	<b>0.3780</b>	<b>1.1700e-003</b>	<b>0.1232</b>	<b>7.5000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>6.9000e-004</b>	<b>0.0334</b>		<b>116.7016</b>	<b>116.7016</b>	<b>2.6500e-003</b>		<b>116.7679</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**3.4 Grading - 2021**

**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					2.8011	0.0000	2.8011	1.4396	0.0000	1.4396			0.0000			0.0000
Off-Road	0.3632	1.5737	17.7527	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
<b>Total</b>	<b>0.3632</b>	<b>1.5737</b>	<b>17.7527</b>	<b>0.0296</b>	<b>2.8011</b>	<b>0.0484</b>	<b>2.8495</b>	<b>1.4396</b>	<b>0.0484</b>	<b>1.4880</b>	<b>0.0000</b>	<b>2,871.9285</b>	<b>2,871.9285</b>	<b>0.9288</b>		<b>2,895.1495</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
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
Worker	0.0483	0.0286	0.3780	1.1700e-003	0.1168	7.5000e-004	0.1175	0.0311	6.9000e-004	0.0318		116.7016	116.7016	2.6500e-003		116.7679
<b>Total</b>	<b>0.0483</b>	<b>0.0286</b>	<b>0.3780</b>	<b>1.1700e-003</b>	<b>0.1168</b>	<b>7.5000e-004</b>	<b>0.1175</b>	<b>0.0311</b>	<b>6.9000e-004</b>	<b>0.0318</b>		<b>116.7016</b>	<b>116.7016</b>	<b>2.6500e-003</b>		<b>116.7679</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**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					
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
Vendor	0.0797	2.5415	0.6405	6.8200e-003	0.1693	5.6200e-003	0.1749	0.0487	5.3700e-003	0.0541		721.5482	721.5482	0.0301		722.2999
Worker	0.2061	0.1221	1.6128	5.0000e-003	0.5257	3.1900e-003	0.5289	0.1395	2.9400e-003	0.1424		497.9270	497.9270	0.0113		498.2098
<b>Total</b>	<b>0.2858</b>	<b>2.6636</b>	<b>2.2533</b>	<b>0.0118</b>	<b>0.6950</b>	<b>8.8100e-003</b>	<b>0.7038</b>	<b>0.1882</b>	<b>8.3100e-003</b>	<b>0.1965</b>		<b>1,219.4751</b>	<b>1,219.4751</b>	<b>0.0414</b>		<b>1,220.5097</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**3.5 Building Construction - 2021**

**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	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>0.3278</b>	<b>2.2347</b>	<b>17.4603</b>	<b>0.0269</b>		<b>0.0408</b>	<b>0.0408</b>		<b>0.0408</b>	<b>0.0408</b>	<b>0.0000</b>	<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</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
Vendor	0.0797	2.5415	0.6405	6.8200e-003	0.1620	5.6200e-003	0.1676	0.0470	5.3700e-003	0.0523		721.5482	721.5482	0.0301		722.2999
Worker	0.2061	0.1221	1.6128	5.0000e-003	0.4983	3.1900e-003	0.5015	0.1327	2.9400e-003	0.1357		497.9270	497.9270	0.0113		498.2098
<b>Total</b>	<b>0.2858</b>	<b>2.6636</b>	<b>2.2533</b>	<b>0.0118</b>	<b>0.6604</b>	<b>8.8100e-003</b>	<b>0.6692</b>	<b>0.1797</b>	<b>8.3100e-003</b>	<b>0.1880</b>		<b>1,219.4751</b>	<b>1,219.4751</b>	<b>0.0414</b>		<b>1,220.5097</b>



2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**3.6 Paving - 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	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342		1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.1090					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2029</b>	<b>10.8399</b>	<b>12.2603</b>	<b>0.0189</b>		<b>0.5788</b>	<b>0.5788</b>		<b>0.5342</b>	<b>0.5342</b>		<b>1,804.5523</b>	<b>1,804.5523</b>	<b>0.5670</b>		<b>1,818.7270</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
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
Worker	0.0644	0.0382	0.5040	1.5600e-003	0.1643	1.0000e-003	0.1653	0.0436	9.2000e-004	0.0445		155.6022	155.6022	3.5400e-003		155.6906
<b>Total</b>	<b>0.0644</b>	<b>0.0382</b>	<b>0.5040</b>	<b>1.5600e-003</b>	<b>0.1643</b>	<b>1.0000e-003</b>	<b>0.1653</b>	<b>0.0436</b>	<b>9.2000e-004</b>	<b>0.0445</b>		<b>155.6022</b>	<b>155.6022</b>	<b>3.5400e-003</b>		<b>155.6906</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**3.6 Paving - 2021**

**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	0.2194	0.9509	13.5323	0.0189		0.0293	0.0293		0.0293	0.0293	0.0000	1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.1090					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.3284</b>	<b>0.9509</b>	<b>13.5323</b>	<b>0.0189</b>		<b>0.0293</b>	<b>0.0293</b>		<b>0.0293</b>	<b>0.0293</b>	<b>0.0000</b>	<b>1,804.5523</b>	<b>1,804.5523</b>	<b>0.5670</b>		<b>1,818.7270</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
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
Worker	0.0644	0.0382	0.5040	1.5600e-003	0.1557	1.0000e-003	0.1567	0.0415	9.2000e-004	0.0424		155.6022	155.6022	3.5400e-003		155.6906
<b>Total</b>	<b>0.0644</b>	<b>0.0382</b>	<b>0.5040</b>	<b>1.5600e-003</b>	<b>0.1557</b>	<b>1.0000e-003</b>	<b>0.1567</b>	<b>0.0415</b>	<b>9.2000e-004</b>	<b>0.0424</b>		<b>155.6022</b>	<b>155.6022</b>	<b>3.5400e-003</b>		<b>155.6906</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**3.7 Architectural Coating - 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					
Archit. Coating	2.0136					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>2.2325</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</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
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
Worker	0.0419	0.0248	0.3276	1.0100e-003	0.1068	6.5000e-004	0.1074	0.0283	6.0000e-004	0.0289		101.1414	101.1414	2.3000e-003		101.1989
<b>Total</b>	<b>0.0419</b>	<b>0.0248</b>	<b>0.3276</b>	<b>1.0100e-003</b>	<b>0.1068</b>	<b>6.5000e-004</b>	<b>0.1074</b>	<b>0.0283</b>	<b>6.0000e-004</b>	<b>0.0289</b>		<b>101.1414</b>	<b>101.1414</b>	<b>2.3000e-003</b>		<b>101.1989</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**3.7 Architectural Coating - 2021**

**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	2.0136					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	0.0193		281.9309
<b>Total</b>	<b>2.0433</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>0.0193</b>		<b>281.9309</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
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
Worker	0.0419	0.0248	0.3276	1.0100e-003	0.1012	6.5000e-004	0.1019	0.0270	6.0000e-004	0.0276		101.1414	101.1414	2.3000e-003		101.1989
<b>Total</b>	<b>0.0419</b>	<b>0.0248</b>	<b>0.3276</b>	<b>1.0100e-003</b>	<b>0.1012</b>	<b>6.5000e-004</b>	<b>0.1019</b>	<b>0.0270</b>	<b>6.0000e-004</b>	<b>0.0276</b>		<b>101.1414</b>	<b>101.1414</b>	<b>2.3000e-003</b>		<b>101.1989</b>

**4.0 Operational Detail - Mobile**

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2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**4.1 Mitigation Measures Mobile**

Increase Density

Increase Diversity

Improve Pedestrian Network

Implement Trip Reduction Program

Transit Subsidy

Encourage Telecommuting and Alternative Work Schedules

Employee Vanpool/Shuttle

	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

**4.2 Trip Summary Information**

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

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	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	66	28	6
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unenclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
Parking Lot	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
Unenclosed Parking Structure	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
Unrefrigerated Warehouse-No Rail	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Exceed Title 24

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

	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	5.9000e-004	5.4000e-003	4.5400e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004		6.4833	6.4833	1.2000e-004	1.2000e-004	6.5219
NaturalGas Unmitigated	8.4000e-004	7.6500e-003	6.4300e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.1825	9.1825	1.8000e-004	1.7000e-004	9.2371

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
Unenclosed Parking Structure	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 Rail	78.0512	8.4000e-004	7.6500e-003	6.4300e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.1825	9.1825	1.8000e-004	1.7000e-004	9.2371
<b>Total</b>		<b>8.4000e-004</b>	<b>7.6500e-003</b>	<b>6.4300e-003</b>	<b>5.0000e-005</b>		<b>5.8000e-004</b>	<b>5.8000e-004</b>		<b>5.8000e-004</b>	<b>5.8000e-004</b>		<b>9.1825</b>	<b>9.1825</b>	<b>1.8000e-004</b>	<b>1.7000e-004</b>	<b>9.2371</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**5.2 Energy by Land Use - NaturalGas**

**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					
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
Unenclosed Parking Structure	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 Rail	0.0551082	5.9000e-004	5.4000e-003	4.5400e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004		6.4833	6.4833	1.2000e-004	1.2000e-004	6.5219
<b>Total</b>		<b>5.9000e-004</b>	<b>5.4000e-003</b>	<b>4.5400e-003</b>	<b>3.0000e-005</b>		<b>4.1000e-004</b>	<b>4.1000e-004</b>		<b>4.1000e-004</b>	<b>4.1000e-004</b>		<b>6.4833</b>	<b>6.4833</b>	<b>1.2000e-004</b>	<b>1.2000e-004</b>	<b>6.5219</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**



2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

	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	0.2550	1.1000e-004	0.0125	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0268	0.0268	7.0000e-005		0.0285
Unmitigated	0.2550	1.1000e-004	0.0125	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0268	0.0268	7.0000e-005		0.0285

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	0.0364					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2174					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1700e-003	1.1000e-004	0.0125	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0268	0.0268	7.0000e-005		0.0285
<b>Total</b>	<b>0.2550</b>	<b>1.1000e-004</b>	<b>0.0125</b>	<b>0.0000</b>		<b>4.0000e-005</b>	<b>4.0000e-005</b>		<b>4.0000e-005</b>	<b>4.0000e-005</b>		<b>0.0268</b>	<b>0.0268</b>	<b>7.0000e-005</b>		<b>0.0285</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

**6.2 Area by SubCategory**

**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	0.0364					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2174					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1700e-003	1.1000e-004	0.0125	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0268	0.0268	7.0000e-005		0.0285
<b>Total</b>	<b>0.2550</b>	<b>1.1000e-004</b>	<b>0.0125</b>	<b>0.0000</b>		<b>4.0000e-005</b>	<b>4.0000e-005</b>		<b>4.0000e-005</b>	<b>4.0000e-005</b>		<b>0.0268</b>	<b>0.0268</b>	<b>7.0000e-005</b>		<b>0.0285</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

- Institute Recycling and Composting Services

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Summer

## 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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2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**2256 Junction Ave Proposed Project Construction - No Operations**  
**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	8.21	1000sqft	0.19	8,210.00	0
Parking Lot	79.54	1000sqft	1.83	79,542.00	0
Unenclosed Parking Structure	33.79	1000sqft	0.78	33,790.00	0
City Park	0.70	Acre	0.70	30,492.00	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>	2021
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	163	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

Project Characteristics - PG&E intensity factor per CR&SR 2019

Land Use - construct new parking canopy, resurface parking area, update retention areas (modeled as City Park), improvements to warehouse

Construction Phase - anticipated construction

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - anticipated construction equipment

Off-road Equipment -

Off-road Equipment -

On-road Fugitive Dust - Construction Only - No Operation Emissions

Demolition - building material demolition, minimal pavement

Grading - anticipated construction, export 5,000 cy

Vehicle Trips - Construction Only - Operations

Energy Use -

Construction Off-road Equipment Mitigation - BAAQMD rule compliance, require tier 4 engines

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation - 2019 Title 24

Water Mitigation -

Waste Mitigation - Per Ab 939

Fleet Mix - adjusted fleet mix

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15



## 2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	18.00	66.00
tblConstructionPhase	NumDays	230.00	65.00
tblConstructionPhase	NumDays	20.00	44.00
tblConstructionPhase	NumDays	8.00	65.00
tblConstructionPhase	NumDays	18.00	44.00
tblConstructionPhase	NumDays	5.00	44.00
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LandUseSquareFeet	79,540.00	79,542.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	163
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	1.68	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	1.68	0.00
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	1.68	0.00

## 2.0 Emissions Summary

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2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**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	0.2550	1.1000e-004	0.0125	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0268	0.0268	7.0000e-005		0.0285
Energy	8.4000e-004	7.6500e-003	6.4300e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.1825	9.1825	1.8000e-004	1.7000e-004	9.2371
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.2558</b>	<b>7.7600e-003</b>	<b>0.0190</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>6.2000e-004</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>6.2000e-004</b>	<b>6.2000e-004</b>		<b>9.2093</b>	<b>9.2093</b>	<b>2.5000e-004</b>	<b>1.7000e-004</b>	<b>9.2656</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	lb/day										lb/day					
Area	0.2550	1.1000e-004	0.0125	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0268	0.0268	7.0000e-005		0.0285
Energy	5.9000e-004	5.4000e-003	4.5400e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004		6.4833	6.4833	1.2000e-004	1.2000e-004	6.5219
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.2556</b>	<b>5.5100e-003</b>	<b>0.0171</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>4.5000e-004</b>	<b>4.5000e-004</b>	<b>0.0000</b>	<b>4.5000e-004</b>	<b>4.5000e-004</b>		<b>6.5101</b>	<b>6.5101</b>	<b>1.9000e-004</b>	<b>1.2000e-004</b>	<b>6.5504</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

	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	0.10	28.99	9.97	40.00	0.00	27.42	27.42	0.00	27.42	27.42	0.00	29.31	29.31	24.00	29.41	29.30

### 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	4/1/2021	6/1/2021	5	44	
2	Site Preparation	Site Preparation	4/1/2021	6/1/2021	5	44	
3	Grading	Grading	5/1/2021	8/1/2021	5	65	
4	Building Construction	Building Construction	5/1/2021	8/1/2021	5	65	
5	Paving	Paving	6/1/2021	8/1/2021	5	44	
6	Architectural Coating	Architectural Coating	7/1/2021	9/30/2021	5	66	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 32.5

Acres of Paving: 2.61

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 12,315; Non-Residential Outdoor: 4,105; Striped Parking Area: 6,800 (Architectural Coating – sqft)

#### OffRoad Equipment

## 2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

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	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	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	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

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	191.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	625.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	64.00	25.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	13.00	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

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**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					
Fugitive Dust					0.9396	0.0000	0.9396	0.1423	0.0000	0.1423			0.0000			0.0000
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>0.9396</b>	<b>1.5513</b>	<b>2.4910</b>	<b>0.1423</b>	<b>1.4411</b>	<b>1.5834</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	0.0346	1.1648	0.2634	3.3400e-003	0.0759	3.6600e-003	0.0795	0.0208	3.5000e-003	0.0243		356.7355	356.7355	0.0168		357.1546
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
Worker	0.0515	0.0350	0.3490	1.0800e-003	0.1232	7.5000e-004	0.1240	0.0327	6.9000e-004	0.0334		107.2152	107.2152	2.4600e-003		107.2768
<b>Total</b>	<b>0.0861</b>	<b>1.1998</b>	<b>0.6123</b>	<b>4.4200e-003</b>	<b>0.1991</b>	<b>4.4100e-003</b>	<b>0.2035</b>	<b>0.0535</b>	<b>4.1900e-003</b>	<b>0.0577</b>		<b>463.9507</b>	<b>463.9507</b>	<b>0.0192</b>		<b>464.4313</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**3.2 Demolition - 2021**

**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					0.4017	0.0000	0.4017	0.0608	0.0000	0.0608			0.0000			0.0000
Off-Road	0.4623	2.0032	23.2798	0.0388		0.0616	0.0616		0.0616	0.0616	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>0.4623</b>	<b>2.0032</b>	<b>23.2798</b>	<b>0.0388</b>	<b>0.4017</b>	<b>0.0616</b>	<b>0.4633</b>	<b>0.0608</b>	<b>0.0616</b>	<b>0.1225</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	0.0346	1.1648	0.2634	3.3400e-003	0.0724	3.6600e-003	0.0761	0.0200	3.5000e-003	0.0235		356.7355	356.7355	0.0168		357.1546
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
Worker	0.0515	0.0350	0.3490	1.0800e-003	0.1168	7.5000e-004	0.1175	0.0311	6.9000e-004	0.0318		107.2152	107.2152	2.4600e-003		107.2768
<b>Total</b>	<b>0.0861</b>	<b>1.1998</b>	<b>0.6123</b>	<b>4.4200e-003</b>	<b>0.1892</b>	<b>4.4100e-003</b>	<b>0.1936</b>	<b>0.0511</b>	<b>4.1900e-003</b>	<b>0.0553</b>		<b>463.9507</b>	<b>463.9507</b>	<b>0.0192</b>		<b>464.4313</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**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					18.0791	0.0000	18.0791	9.9326	0.0000	9.9326			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>18.0791</b>	<b>2.0445</b>	<b>20.1236</b>	<b>9.9326</b>	<b>1.8809</b>	<b>11.8135</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	0.1132	3.8117	0.8618	0.0109	0.2483	0.0120	0.2603	0.0681	0.0115	0.0795		1,167.3281	1,167.3281	0.0549		1,168.6994
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
Worker	0.0618	0.0419	0.4188	1.2900e-003	0.1479	9.0000e-004	0.1488	0.0392	8.3000e-004	0.0401		128.6583	128.6583	2.9500e-003		128.7321
<b>Total</b>	<b>0.1749</b>	<b>3.8536</b>	<b>1.2806</b>	<b>0.0122</b>	<b>0.3962</b>	<b>0.0129</b>	<b>0.4090</b>	<b>0.1073</b>	<b>0.0123</b>	<b>0.1196</b>		<b>1,295.9863</b>	<b>1,295.9863</b>	<b>0.0578</b>		<b>1,297.4315</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**3.3 Site Preparation - 2021**

**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					7.7288	0.0000	7.7288	4.2462	0.0000	4.2462			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>0.4656</b>	<b>2.0175</b>	<b>20.8690</b>	<b>0.0380</b>	<b>7.7288</b>	<b>0.0621</b>	<b>7.7909</b>	<b>4.2462</b>	<b>0.0621</b>	<b>4.3083</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	0.1132	3.8117	0.8618	0.0109	0.2370	0.0120	0.2490	0.0653	0.0115	0.0767		1,167.3281	1,167.3281	0.0549		1,168.6994
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
Worker	0.0618	0.0419	0.4188	1.2900e-003	0.1402	9.0000e-004	0.1411	0.0373	8.3000e-004	0.0382		128.6583	128.6583	2.9500e-003		128.7321
<b>Total</b>	<b>0.1749</b>	<b>3.8536</b>	<b>1.2806</b>	<b>0.0122</b>	<b>0.3772</b>	<b>0.0129</b>	<b>0.3900</b>	<b>0.1026</b>	<b>0.0123</b>	<b>0.1149</b>		<b>1,295.9863</b>	<b>1,295.9863</b>	<b>0.0578</b>		<b>1,297.4315</b>



2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**3.4 Grading - 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					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
<b>Total</b>	<b>2.2903</b>	<b>24.7367</b>	<b>15.8575</b>	<b>0.0296</b>	<b>6.5523</b>	<b>1.1599</b>	<b>7.7123</b>	<b>3.3675</b>	<b>1.0671</b>	<b>4.4346</b>		<b>2,871.9285</b>	<b>2,871.9285</b>	<b>0.9288</b>		<b>2,895.1495</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
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
Worker	0.0515	0.0350	0.3490	1.0800e-003	0.1232	7.5000e-004	0.1240	0.0327	6.9000e-004	0.0334		107.2152	107.2152	2.4600e-003		107.2768
<b>Total</b>	<b>0.0515</b>	<b>0.0350</b>	<b>0.3490</b>	<b>1.0800e-003</b>	<b>0.1232</b>	<b>7.5000e-004</b>	<b>0.1240</b>	<b>0.0327</b>	<b>6.9000e-004</b>	<b>0.0334</b>		<b>107.2152</b>	<b>107.2152</b>	<b>2.4600e-003</b>		<b>107.2768</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**3.4 Grading - 2021**

**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					2.8011	0.0000	2.8011	1.4396	0.0000	1.4396			0.0000			0.0000
Off-Road	0.3632	1.5737	17.7527	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
<b>Total</b>	<b>0.3632</b>	<b>1.5737</b>	<b>17.7527</b>	<b>0.0296</b>	<b>2.8011</b>	<b>0.0484</b>	<b>2.8495</b>	<b>1.4396</b>	<b>0.0484</b>	<b>1.4880</b>	<b>0.0000</b>	<b>2,871.9285</b>	<b>2,871.9285</b>	<b>0.9288</b>		<b>2,895.1495</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
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
Worker	0.0515	0.0350	0.3490	1.0800e-003	0.1168	7.5000e-004	0.1175	0.0311	6.9000e-004	0.0318		107.2152	107.2152	2.4600e-003		107.2768
<b>Total</b>	<b>0.0515</b>	<b>0.0350</b>	<b>0.3490</b>	<b>1.0800e-003</b>	<b>0.1168</b>	<b>7.5000e-004</b>	<b>0.1175</b>	<b>0.0311</b>	<b>6.9000e-004</b>	<b>0.0318</b>		<b>107.2152</b>	<b>107.2152</b>	<b>2.4600e-003</b>		<b>107.2768</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**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					
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
Vendor	0.0845	2.5641	0.7334	6.6500e-003	0.1693	5.8000e-003	0.1751	0.0487	5.5500e-003	0.0543		703.1762	703.1762	0.0324		703.9863
Worker	0.2196	0.1491	1.4889	4.5900e-003	0.5257	3.1900e-003	0.5289	0.1395	2.9400e-003	0.1424		457.4516	457.4516	0.0105		457.7142
<b>Total</b>	<b>0.3041</b>	<b>2.7133</b>	<b>2.2223</b>	<b>0.0112</b>	<b>0.6950</b>	<b>8.9900e-003</b>	<b>0.7040</b>	<b>0.1882</b>	<b>8.4900e-003</b>	<b>0.1967</b>		<b>1,160.6278</b>	<b>1,160.6278</b>	<b>0.0429</b>		<b>1,161.7005</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**3.5 Building Construction - 2021**

**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	0.3278	2.2347	17.4603	0.0269		0.0408	0.0408		0.0408	0.0408	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>0.3278</b>	<b>2.2347</b>	<b>17.4603</b>	<b>0.0269</b>		<b>0.0408</b>	<b>0.0408</b>		<b>0.0408</b>	<b>0.0408</b>	<b>0.0000</b>	<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</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
Vendor	0.0845	2.5641	0.7334	6.6500e-003	0.1620	5.8000e-003	0.1678	0.0470	5.5500e-003	0.0525		703.1762	703.1762	0.0324		703.9863
Worker	0.2196	0.1491	1.4889	4.5900e-003	0.4983	3.1900e-003	0.5015	0.1327	2.9400e-003	0.1357		457.4516	457.4516	0.0105		457.7142
<b>Total</b>	<b>0.3041</b>	<b>2.7133</b>	<b>2.2223</b>	<b>0.0112</b>	<b>0.6604</b>	<b>8.9900e-003</b>	<b>0.6694</b>	<b>0.1797</b>	<b>8.4900e-003</b>	<b>0.1882</b>		<b>1,160.6278</b>	<b>1,160.6278</b>	<b>0.0429</b>		<b>1,161.7005</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**3.6 Paving - 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	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342		1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.1090					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2029</b>	<b>10.8399</b>	<b>12.2603</b>	<b>0.0189</b>		<b>0.5788</b>	<b>0.5788</b>		<b>0.5342</b>	<b>0.5342</b>		<b>1,804.5523</b>	<b>1,804.5523</b>	<b>0.5670</b>		<b>1,818.7270</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
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
Worker	0.0686	0.0466	0.4653	1.4300e-003	0.1643	1.0000e-003	0.1653	0.0436	9.2000e-004	0.0445		142.9536	142.9536	3.2800e-003		143.0357
<b>Total</b>	<b>0.0686</b>	<b>0.0466</b>	<b>0.4653</b>	<b>1.4300e-003</b>	<b>0.1643</b>	<b>1.0000e-003</b>	<b>0.1653</b>	<b>0.0436</b>	<b>9.2000e-004</b>	<b>0.0445</b>		<b>142.9536</b>	<b>142.9536</b>	<b>3.2800e-003</b>		<b>143.0357</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**3.6 Paving - 2021**

**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	0.2194	0.9509	13.5323	0.0189		0.0293	0.0293		0.0293	0.0293	0.0000	1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.1090					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.3284</b>	<b>0.9509</b>	<b>13.5323</b>	<b>0.0189</b>		<b>0.0293</b>	<b>0.0293</b>		<b>0.0293</b>	<b>0.0293</b>	<b>0.0000</b>	<b>1,804.5523</b>	<b>1,804.5523</b>	<b>0.5670</b>		<b>1,818.7270</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
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
Worker	0.0686	0.0466	0.4653	1.4300e-003	0.1557	1.0000e-003	0.1567	0.0415	9.2000e-004	0.0424		142.9536	142.9536	3.2800e-003		143.0357
<b>Total</b>	<b>0.0686</b>	<b>0.0466</b>	<b>0.4653</b>	<b>1.4300e-003</b>	<b>0.1557</b>	<b>1.0000e-003</b>	<b>0.1567</b>	<b>0.0415</b>	<b>9.2000e-004</b>	<b>0.0424</b>		<b>142.9536</b>	<b>142.9536</b>	<b>3.2800e-003</b>		<b>143.0357</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**3.7 Architectural Coating - 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					
Archit. Coating	2.0136					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>2.2325</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</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
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
Worker	0.0446	0.0303	0.3024	9.3000e-004	0.1068	6.5000e-004	0.1074	0.0283	6.0000e-004	0.0289		92.9199	92.9199	2.1300e-003		92.9732
<b>Total</b>	<b>0.0446</b>	<b>0.0303</b>	<b>0.3024</b>	<b>9.3000e-004</b>	<b>0.1068</b>	<b>6.5000e-004</b>	<b>0.1074</b>	<b>0.0283</b>	<b>6.0000e-004</b>	<b>0.0289</b>		<b>92.9199</b>	<b>92.9199</b>	<b>2.1300e-003</b>		<b>92.9732</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**3.7 Architectural Coating - 2021**

**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	2.0136					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	0.0193		281.9309
<b>Total</b>	<b>2.0433</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>0.0193</b>		<b>281.9309</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
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
Worker	0.0446	0.0303	0.3024	9.3000e-004	0.1012	6.5000e-004	0.1019	0.0270	6.0000e-004	0.0276		92.9199	92.9199	2.1300e-003		92.9732
<b>Total</b>	<b>0.0446</b>	<b>0.0303</b>	<b>0.3024</b>	<b>9.3000e-004</b>	<b>0.1012</b>	<b>6.5000e-004</b>	<b>0.1019</b>	<b>0.0270</b>	<b>6.0000e-004</b>	<b>0.0276</b>		<b>92.9199</b>	<b>92.9199</b>	<b>2.1300e-003</b>		<b>92.9732</b>

**4.0 Operational Detail - Mobile**

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2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**4.1 Mitigation Measures Mobile**

Increase Density

Increase Diversity

Improve Pedestrian Network

Implement Trip Reduction Program

Transit Subsidy

Encourage Telecommuting and Alternative Work Schedules

Employee Vanpool/Shuttle

	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

**4.2 Trip Summary Information**

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

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	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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	66	28	6
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unenclosed Parking Structure	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	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
Parking Lot	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
Unenclosed Parking Structure	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
Unrefrigerated Warehouse-No Rail	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Exceed Title 24

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

	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	5.9000e-004	5.4000e-003	4.5400e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004		6.4833	6.4833	1.2000e-004	1.2000e-004	6.5219
NaturalGas Unmitigated	8.4000e-004	7.6500e-003	6.4300e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.1825	9.1825	1.8000e-004	1.7000e-004	9.2371

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
Unenclosed Parking Structure	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 Rail	78.0512	8.4000e-004	7.6500e-003	6.4300e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.1825	9.1825	1.8000e-004	1.7000e-004	9.2371
<b>Total</b>		<b>8.4000e-004</b>	<b>7.6500e-003</b>	<b>6.4300e-003</b>	<b>5.0000e-005</b>		<b>5.8000e-004</b>	<b>5.8000e-004</b>		<b>5.8000e-004</b>	<b>5.8000e-004</b>		<b>9.1825</b>	<b>9.1825</b>	<b>1.8000e-004</b>	<b>1.7000e-004</b>	<b>9.2371</b>

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**5.2 Energy by Land Use - NaturalGas**

**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					
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
Unenclosed Parking Structure	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 Rail	0.0551082	5.9000e-004	5.4000e-003	4.5400e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004		6.4833	6.4833	1.2000e-004	1.2000e-004	6.5219
<b>Total</b>		<b>5.9000e-004</b>	<b>5.4000e-003</b>	<b>4.5400e-003</b>	<b>3.0000e-005</b>		<b>4.1000e-004</b>	<b>4.1000e-004</b>		<b>4.1000e-004</b>	<b>4.1000e-004</b>		<b>6.4833</b>	<b>6.4833</b>	<b>1.2000e-004</b>	<b>1.2000e-004</b>	<b>6.5219</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

	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	0.2550	1.1000e-004	0.0125	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0268	0.0268	7.0000e-005		0.0285
Unmitigated	0.2550	1.1000e-004	0.0125	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0268	0.0268	7.0000e-005		0.0285

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	0.0364					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2174					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1700e-003	1.1000e-004	0.0125	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0268	0.0268	7.0000e-005		0.0285
<b>Total</b>	<b>0.2550</b>	<b>1.1000e-004</b>	<b>0.0125</b>	<b>0.0000</b>		<b>4.0000e-005</b>	<b>4.0000e-005</b>		<b>4.0000e-005</b>	<b>4.0000e-005</b>		<b>0.0268</b>	<b>0.0268</b>	<b>7.0000e-005</b>		<b>0.0285</b>

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**6.2 Area by SubCategory**

**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	0.0364					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.2174					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1700e-003	1.1000e-004	0.0125	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0268	0.0268	7.0000e-005		0.0285
<b>Total</b>	<b>0.2550</b>	<b>1.1000e-004</b>	<b>0.0125</b>	<b>0.0000</b>		<b>4.0000e-005</b>	<b>4.0000e-005</b>		<b>4.0000e-005</b>	<b>4.0000e-005</b>		<b>0.0268</b>	<b>0.0268</b>	<b>7.0000e-005</b>		<b>0.0285</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

- Institute Recycling and Composting Services

2256 Junction Ave Proposed Project Construction - No Operations - Santa Clara County, Winter

**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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2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

**2256 Junction Ave - Proposed Project (Operations Only)**  
**Santa Clara County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	13.57	1000sqft	0.31	13,572.00	0
Unrefrigerated Warehouse-No Rail	94.15	1000sqft	2.16	94,147.00	0
Parking Lot	391.63	1000sqft	8.99	391,627.00	0
Unenclosed Parking Structure	33.79	1000sqft	0.78	33,791.00	0
City Park	1.44	Acre	1.44	62,755.00	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>	2021
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	163	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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



2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

Project Characteristics - PG&E intensity factor per CR&SR 2019

Land Use - landscape identified by pervious area, 62,755 sf landscaping entered as "City Park", Parking Lot includes parking spaces and drive aisles, total warehouse area 94,147 sf

Construction Phase - No Construction - Operations Model Only

Off-road Equipment -

Off-road Equipment - Operations Only - No Construction

Trips and VMT - Operations Only - No Construction

Demolition -

Grading -

Vehicle Trips - Cars 351/13.572 ksf = 25.862068965517241379310344827586 vans = 202/1.44065 acres = 140.21448651650296741054385173359 trucks 22/94.147 skf 0.23367712194759259455957173356559

Vehicle Emission Factors - EMFAC2017 (2021) with SAFE Rule

Vehicle Emission Factors - EMFAC2017 (2021) with SAFE Rule

Vehicle Emission Factors - EMFAC2017 (2021) with SAFE Rule

Energy Use -

Construction Off-road Equipment Mitigation - BAAQMD Rule Compliance

Mobile Land Use Mitigation -

Mobile Commute Mitigation - TDM required, covered in TIA

Fleet Mix - Fleet Mix based on TIA, truck mix based on default percentages

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.54

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tblFleetMix	LDA	0.61	0.00
tblFleetMix	LDA	0.61	1.00
tblFleetMix	LDA	0.61	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.01	1.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.9910e-003	0.00
tblFleetMix	LHD2	4.9910e-003	0.00
tblFleetMix	LHD2	4.9910e-003	0.13
tblFleetMix	MCY	5.3340e-003	0.00
tblFleetMix	MCY	5.3340e-003	0.00
tblFleetMix	MCY	5.3340e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.6100e-004	0.00
tblFleetMix	MH	7.6100e-004	0.00
tblFleetMix	MH	7.6100e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.33

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblFleetMix	OBUS	2.1150e-003	0.00
tblFleetMix	OBUS	2.1150e-003	0.00
tblFleetMix	OBUS	2.1150e-003	0.00
tblFleetMix	SBUS	6.2300e-004	0.00
tblFleetMix	SBUS	6.2300e-004	0.00
tblFleetMix	SBUS	6.2300e-004	0.00
tblFleetMix	UBUS	1.5540e-003	0.00
tblFleetMix	UBUS	1.5540e-003	0.00
tblFleetMix	UBUS	1.5540e-003	0.00
tblLandUse	LandUseSquareFeet	13,570.00	13,572.00
tblLandUse	LandUseSquareFeet	94,150.00	94,147.00
tblLandUse	LandUseSquareFeet	391,630.00	391,627.00
tblLandUse	LandUseSquareFeet	33,790.00	33,791.00
tblLandUse	LandUseSquareFeet	62,726.40	62,755.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	163
tblVehicleEF	HHD	0.49	0.03
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	2.56	5.63
tblVehicleEF	HHD	1.00	0.68
tblVehicleEF	HHD	3.70	5.9160e-003
tblVehicleEF	HHD	4,606.33	1,088.79
tblVehicleEF	HHD	1,643.47	1,552.03
tblVehicleEF	HHD	11.51	0.06
tblVehicleEF	HHD	21.11	5.97
tblVehicleEF	HHD	4.02	4.12
tblVehicleEF	HHD	19.48	1.86

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	HHD	0.02	8.5660e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0300e-004	1.0000e-006
tblVehicleEF	HHD	0.02	8.1960e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8230e-003	8.8680e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.4000e-005	1.0000e-006
tblVehicleEF	HHD	1.0400e-004	4.0000e-006
tblVehicleEF	HHD	5.6370e-003	1.8500e-004
tblVehicleEF	HHD	0.65	0.43
tblVehicleEF	HHD	6.4000e-005	2.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.9200e-004	1.1420e-003
tblVehicleEF	HHD	0.11	3.0000e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7700e-004	1.0000e-006
tblVehicleEF	HHD	1.0400e-004	4.0000e-006
tblVehicleEF	HHD	5.6370e-003	1.8500e-004
tblVehicleEF	HHD	0.76	0.50
tblVehicleEF	HHD	6.4000e-005	2.0000e-006
tblVehicleEF	HHD	0.21	0.21
tblVehicleEF	HHD	4.9200e-004	1.1420e-003
tblVehicleEF	HHD	0.12	3.0000e-006

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tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	1.86	5.49
tblVehicleEF	HHD	1.01	0.68
tblVehicleEF	HHD	3.40	5.4380e-003
tblVehicleEF	HHD	4,878.22	1,086.60
tblVehicleEF	HHD	1,643.47	1,552.03
tblVehicleEF	HHD	11.51	0.05
tblVehicleEF	HHD	21.79	5.81
tblVehicleEF	HHD	3.87	3.97
tblVehicleEF	HHD	19.45	1.86
tblVehicleEF	HHD	0.02	7.9790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0300e-004	1.0000e-006
tblVehicleEF	HHD	0.02	7.6330e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8230e-003	8.8680e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.4000e-005	1.0000e-006
tblVehicleEF	HHD	2.3900e-004	1.1000e-005
tblVehicleEF	HHD	6.0710e-003	2.0400e-004
tblVehicleEF	HHD	0.62	0.45
tblVehicleEF	HHD	1.3800e-004	6.0000e-006
tblVehicleEF	HHD	0.14	0.14

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tblVehicleEF	HHD	4.7900e-004	1.1460e-003
tblVehicleEF	HHD	0.11	2.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7200e-004	1.0000e-006
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tblVehicleEF	HHD	6.0710e-003	2.0400e-004
tblVehicleEF	HHD	0.71	0.52
tblVehicleEF	HHD	1.3800e-004	6.0000e-006
tblVehicleEF	HHD	0.21	0.21
tblVehicleEF	HHD	4.7900e-004	1.1460e-003
tblVehicleEF	HHD	0.12	3.0000e-006
tblVehicleEF	HHD	0.53	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.11	1.0000e-006
tblVehicleEF	HHD	3.52	5.82
tblVehicleEF	HHD	1.00	0.68
tblVehicleEF	HHD	3.97	6.3480e-003
tblVehicleEF	HHD	4,230.85	1,091.80
tblVehicleEF	HHD	1,643.47	1,552.03
tblVehicleEF	HHD	11.51	0.06
tblVehicleEF	HHD	20.18	6.18
tblVehicleEF	HHD	4.08	4.18
tblVehicleEF	HHD	19.50	1.86
tblVehicleEF	HHD	0.02	9.3780e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04

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tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0300e-004	1.0000e-006
tblVehicleEF	HHD	0.02	8.9720e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8230e-003	8.8680e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.4000e-005	1.0000e-006
tblVehicleEF	HHD	5.4000e-005	2.0000e-006
tblVehicleEF	HHD	5.9130e-003	2.1100e-004
tblVehicleEF	HHD	0.71	0.41
tblVehicleEF	HHD	3.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	5.4600e-004	1.2330e-003
tblVehicleEF	HHD	0.12	3.0000e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.8100e-004	1.0000e-006
tblVehicleEF	HHD	5.4000e-005	2.0000e-006
tblVehicleEF	HHD	5.9130e-003	2.1100e-004
tblVehicleEF	HHD	0.81	0.47
tblVehicleEF	HHD	3.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.21	0.21
tblVehicleEF	HHD	5.4600e-004	1.2330e-003
tblVehicleEF	HHD	0.13	3.0000e-006
tblVehicleEF	LDA	4.1020e-003	2.6060e-003
tblVehicleEF	LDA	6.2620e-003	0.06
tblVehicleEF	LDA	0.57	0.66

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tblVehicleEF	LDA	1.33	2.29
tblVehicleEF	LDA	254.67	257.27
tblVehicleEF	LDA	59.39	54.50
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.20
tblVehicleEF	LDA	1.6890e-003	1.4920e-003
tblVehicleEF	LDA	2.2650e-003	1.8990e-003
tblVehicleEF	LDA	1.5560e-003	1.3750e-003
tblVehicleEF	LDA	2.0820e-003	1.7460e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.08	0.26
tblVehicleEF	LDA	2.5500e-003	2.5450e-003
tblVehicleEF	LDA	6.1600e-004	5.3900e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.09	0.28
tblVehicleEF	LDA	4.5670e-003	2.9390e-003
tblVehicleEF	LDA	5.1860e-003	0.05
tblVehicleEF	LDA	0.67	0.78
tblVehicleEF	LDA	1.05	1.80



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tblVehicleEF	LDA	274.58	276.95
tblVehicleEF	LDA	59.39	53.58
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.07	0.18
tblVehicleEF	LDA	1.6890e-003	1.4920e-003
tblVehicleEF	LDA	2.2650e-003	1.8990e-003
tblVehicleEF	LDA	1.5560e-003	1.3750e-003
tblVehicleEF	LDA	2.0820e-003	1.7460e-003
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.21
tblVehicleEF	LDA	0.07	0.21
tblVehicleEF	LDA	2.7510e-003	2.7400e-003
tblVehicleEF	LDA	6.1200e-004	5.3000e-004
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.21
tblVehicleEF	LDA	0.08	0.23
tblVehicleEF	LDA	3.9950e-003	2.5070e-003
tblVehicleEF	LDA	7.0990e-003	0.06
tblVehicleEF	LDA	0.56	0.65
tblVehicleEF	LDA	1.55	2.69
tblVehicleEF	LDA	251.39	254.04

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tblVehicleEF	LDA	59.39	55.24
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.09	0.22
tblVehicleEF	LDA	1.6890e-003	1.4920e-003
tblVehicleEF	LDA	2.2650e-003	1.8990e-003
tblVehicleEF	LDA	1.5560e-003	1.3750e-003
tblVehicleEF	LDA	2.0820e-003	1.7460e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.26
tblVehicleEF	LDA	0.10	0.29
tblVehicleEF	LDA	2.5170e-003	2.5130e-003
tblVehicleEF	LDA	6.2000e-004	5.4700e-004
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.26
tblVehicleEF	LDA	0.10	0.32
tblVehicleEF	LDT1	0.01	5.6210e-003
tblVehicleEF	LDT1	0.01	0.08
tblVehicleEF	LDT1	1.23	1.19
tblVehicleEF	LDT1	2.89	2.52
tblVehicleEF	LDT1	312.93	305.87
tblVehicleEF	LDT1	72.25	65.70

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tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.16	0.27
tblVehicleEF	LDT1	2.3880e-003	2.0630e-003
tblVehicleEF	LDT1	3.1640e-003	2.5760e-003
tblVehicleEF	LDT1	2.1990e-003	1.8990e-003
tblVehicleEF	LDT1	2.9100e-003	2.3690e-003
tblVehicleEF	LDT1	0.09	0.10
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.03	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.20	0.38
tblVehicleEF	LDT1	3.1440e-003	3.0270e-003
tblVehicleEF	LDT1	7.7300e-004	6.5000e-004
tblVehicleEF	LDT1	0.09	0.10
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.07	0.08
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.21	0.42
tblVehicleEF	LDT1	0.01	6.2670e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.42	1.38
tblVehicleEF	LDT1	2.27	1.97
tblVehicleEF	LDT1	336.30	326.14
tblVehicleEF	LDT1	72.25	64.61
tblVehicleEF	LDT1	0.11	0.09

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tblVehicleEF	LDT1	0.14	0.24
tblVehicleEF	LDT1	2.3880e-003	2.0630e-003
tblVehicleEF	LDT1	3.1640e-003	2.5760e-003
tblVehicleEF	LDT1	2.1990e-003	1.8990e-003
tblVehicleEF	LDT1	2.9100e-003	2.3690e-003
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.15	0.63
tblVehicleEF	LDT1	0.16	0.31
tblVehicleEF	LDT1	3.3800e-003	3.2270e-003
tblVehicleEF	LDT1	7.6200e-004	6.3900e-004
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.15	0.16
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.15	0.63
tblVehicleEF	LDT1	0.18	0.34
tblVehicleEF	LDT1	9.8780e-003	5.4410e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.21	1.17
tblVehicleEF	LDT1	3.40	2.96
tblVehicleEF	LDT1	309.08	302.55
tblVehicleEF	LDT1	72.25	66.57
tblVehicleEF	LDT1	0.14	0.12
tblVehicleEF	LDT1	0.18	0.29

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tblVehicleEF	LDT1	2.3880e-003	2.0630e-003
tblVehicleEF	LDT1	3.1640e-003	2.5760e-003
tblVehicleEF	LDT1	2.1990e-003	1.8990e-003
tblVehicleEF	LDT1	2.9100e-003	2.3690e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.26	0.20
tblVehicleEF	LDT1	0.04	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.20	0.83
tblVehicleEF	LDT1	0.22	0.43
tblVehicleEF	LDT1	3.1050e-003	2.9940e-003
tblVehicleEF	LDT1	7.8200e-004	6.5900e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.26	0.20
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.83
tblVehicleEF	LDT1	0.24	0.47
tblVehicleEF	LDT2	5.9280e-003	4.0150e-003
tblVehicleEF	LDT2	8.2010e-003	0.08
tblVehicleEF	LDT2	0.77	0.92
tblVehicleEF	LDT2	1.72	2.97
tblVehicleEF	LDT2	357.28	335.42
tblVehicleEF	LDT2	82.63	72.55
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.14	0.32
tblVehicleEF	LDT2	1.6320e-003	1.4900e-003

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tblVehicleEF	LDT2	2.2340e-003	1.8610e-003
tblVehicleEF	LDT2	1.5010e-003	1.3720e-003
tblVehicleEF	LDT2	2.0540e-003	1.7120e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.36
tblVehicleEF	LDT2	3.5790e-003	3.3180e-003
tblVehicleEF	LDT2	8.5600e-004	7.1800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.40
tblVehicleEF	LDT2	6.5840e-003	4.5100e-003
tblVehicleEF	LDT2	6.7950e-003	0.06
tblVehicleEF	LDT2	0.91	1.08
tblVehicleEF	LDT2	1.36	2.33
tblVehicleEF	LDT2	384.48	355.68
tblVehicleEF	LDT2	82.63	71.34
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.29
tblVehicleEF	LDT2	1.6320e-003	1.4900e-003
tblVehicleEF	LDT2	2.2340e-003	1.8610e-003

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tblVehicleEF	LDT2	1.5010e-003	1.3720e-003
tblVehicleEF	LDT2	2.0540e-003	1.7120e-003
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.09	0.30
tblVehicleEF	LDT2	3.8520e-003	3.5190e-003
tblVehicleEF	LDT2	8.4900e-004	7.0600e-004
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	5.7750e-003	3.8670e-003
tblVehicleEF	LDT2	9.2910e-003	0.09
tblVehicleEF	LDT2	0.76	0.90
tblVehicleEF	LDT2	2.02	3.48
tblVehicleEF	LDT2	352.80	332.09
tblVehicleEF	LDT2	82.63	73.53
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.15	0.35
tblVehicleEF	LDT2	1.6320e-003	1.4900e-003
tblVehicleEF	LDT2	2.2340e-003	1.8610e-003
tblVehicleEF	LDT2	1.5010e-003	1.3720e-003

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tblVehicleEF	LDT2	2.0540e-003	1.7120e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.09	0.53
tblVehicleEF	LDT2	0.13	0.41
tblVehicleEF	LDT2	3.5340e-003	3.2850e-003
tblVehicleEF	LDT2	8.6100e-004	7.2800e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.09	0.53
tblVehicleEF	LDT2	0.14	0.45
tblVehicleEF	LHD1	5.9570e-003	5.5240e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.20	0.92
tblVehicleEF	LHD1	2.95	1.18
tblVehicleEF	LHD1	8.98	9.08
tblVehicleEF	LHD1	704.65	823.31
tblVehicleEF	LHD1	33.88	12.42
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.31	0.93
tblVehicleEF	LHD1	1.09	0.36



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tblVehicleEF	LHD1	8.6000e-004	7.8900e-004
tblVehicleEF	LHD1	9.9630e-003	9.6690e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0630e-003	2.8300e-004
tblVehicleEF	LHD1	8.2300e-004	7.5500e-004
tblVehicleEF	LHD1	2.4910e-003	2.4170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.7800e-004	2.6000e-004
tblVehicleEF	LHD1	2.8190e-003	2.2740e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.4030e-003	1.1320e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.33	0.58
tblVehicleEF	LHD1	0.30	0.09
tblVehicleEF	LHD1	9.0000e-005	8.8000e-005
tblVehicleEF	LHD1	6.9280e-003	8.0450e-003
tblVehicleEF	LHD1	3.9500e-004	1.2300e-004
tblVehicleEF	LHD1	2.8190e-003	2.2740e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4030e-003	1.1320e-003
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.33	0.58
tblVehicleEF	LHD1	0.33	0.10
tblVehicleEF	LHD1	5.9570e-003	5.5400e-003
tblVehicleEF	LHD1	0.02	0.01

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tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.22	0.94
tblVehicleEF	LHD1	2.73	1.09
tblVehicleEF	LHD1	8.98	9.08
tblVehicleEF	LHD1	704.65	823.35
tblVehicleEF	LHD1	33.88	12.27
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.25	0.89
tblVehicleEF	LHD1	1.02	0.33
tblVehicleEF	LHD1	8.6000e-004	7.8900e-004
tblVehicleEF	LHD1	9.9630e-003	9.6690e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0630e-003	2.8300e-004
tblVehicleEF	LHD1	8.2300e-004	7.5500e-004
tblVehicleEF	LHD1	2.4910e-003	2.4170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.7800e-004	2.6000e-004
tblVehicleEF	LHD1	6.3880e-003	5.1730e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.9310e-003	2.3820e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.32	0.56
tblVehicleEF	LHD1	0.29	0.08
tblVehicleEF	LHD1	9.0000e-005	8.8000e-005
tblVehicleEF	LHD1	6.9280e-003	8.0460e-003

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tblVehicleEF	LHD1	3.9100e-004	1.2100e-004
tblVehicleEF	LHD1	6.3880e-003	5.1730e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.9310e-003	2.3820e-003
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.32	0.56
tblVehicleEF	LHD1	0.31	0.09
tblVehicleEF	LHD1	5.9570e-003	5.5110e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.17	0.90
tblVehicleEF	LHD1	3.17	1.26
tblVehicleEF	LHD1	8.98	9.08
tblVehicleEF	LHD1	704.65	823.28
tblVehicleEF	LHD1	33.88	12.56
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.34	0.95
tblVehicleEF	LHD1	1.15	0.38
tblVehicleEF	LHD1	8.6000e-004	7.8900e-004
tblVehicleEF	LHD1	9.9630e-003	9.6690e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0630e-003	2.8300e-004
tblVehicleEF	LHD1	8.2300e-004	7.5500e-004
tblVehicleEF	LHD1	2.4910e-003	2.4170e-003
tblVehicleEF	LHD1	0.01	0.01

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tblVehicleEF	LHD1	9.7800e-004	2.6000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1330e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.3200e-004	5.8600e-004
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.37	0.65
tblVehicleEF	LHD1	0.32	0.09
tblVehicleEF	LHD1	9.0000e-005	8.8000e-005
tblVehicleEF	LHD1	6.9270e-003	8.0450e-003
tblVehicleEF	LHD1	3.9900e-004	1.2400e-004
tblVehicleEF	LHD1	1.4130e-003	1.1330e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	7.3200e-004	5.8600e-004
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.37	0.65
tblVehicleEF	LHD1	0.35	0.10
tblVehicleEF	LHD2	3.8320e-003	3.4180e-003
tblVehicleEF	LHD2	9.2950e-003	8.1220e-003
tblVehicleEF	LHD2	8.8580e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.71
tblVehicleEF	LHD2	1.37	0.71
tblVehicleEF	LHD2	14.07	14.19
tblVehicleEF	LHD2	720.29	796.11
tblVehicleEF	LHD2	25.14	8.35

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tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.95	1.13
tblVehicleEF	LHD2	0.53	0.21
tblVehicleEF	LHD2	1.2990e-003	1.3930e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7100e-004	1.5100e-004
tblVehicleEF	LHD2	1.2430e-003	1.3330e-003
tblVehicleEF	LHD2	2.6810e-003	2.6760e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.3300e-004	1.3800e-004
tblVehicleEF	LHD2	9.9400e-004	1.2620e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.0900e-004	6.1900e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.09	0.34
tblVehicleEF	LHD2	0.12	0.05
tblVehicleEF	LHD2	1.3700e-004	1.3600e-004
tblVehicleEF	LHD2	7.0090e-003	7.6920e-003
tblVehicleEF	LHD2	2.7600e-004	8.3000e-005
tblVehicleEF	LHD2	9.9400e-004	1.2620e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.0900e-004	6.1900e-004
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.09	0.34

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tblVehicleEF	LHD2	0.13	0.06
tblVehicleEF	LHD2	3.8320e-003	3.4270e-003
tblVehicleEF	LHD2	9.4580e-003	8.2310e-003
tblVehicleEF	LHD2	8.3680e-003	9.5450e-003
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.64	0.72
tblVehicleEF	LHD2	1.27	0.66
tblVehicleEF	LHD2	14.07	14.19
tblVehicleEF	LHD2	720.29	796.12
tblVehicleEF	LHD2	25.14	8.26
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.91	1.08
tblVehicleEF	LHD2	0.50	0.19
tblVehicleEF	LHD2	1.2990e-003	1.3930e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7100e-004	1.5100e-004
tblVehicleEF	LHD2	1.2430e-003	1.3330e-003
tblVehicleEF	LHD2	2.6810e-003	2.6760e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.3300e-004	1.3800e-004
tblVehicleEF	LHD2	2.2540e-003	2.8810e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0660e-003	1.3090e-003
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.09	0.33

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3700e-004	1.3600e-004
tblVehicleEF	LHD2	7.0090e-003	7.6920e-003
tblVehicleEF	LHD2	2.7500e-004	8.2000e-005
tblVehicleEF	LHD2	2.2540e-003	2.8810e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0660e-003	1.3090e-003
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.09	0.33
tblVehicleEF	LHD2	0.12	0.05
tblVehicleEF	LHD2	3.8320e-003	3.4110e-003
tblVehicleEF	LHD2	9.1660e-003	8.0350e-003
tblVehicleEF	LHD2	9.2820e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.70
tblVehicleEF	LHD2	1.47	0.76
tblVehicleEF	LHD2	14.07	14.19
tblVehicleEF	LHD2	720.29	796.09
tblVehicleEF	LHD2	25.14	8.44
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.97	1.15
tblVehicleEF	LHD2	0.56	0.22
tblVehicleEF	LHD2	1.2990e-003	1.3930e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7100e-004	1.5100e-004

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tblVehicleEF	LHD2	1.2430e-003	1.3330e-003
tblVehicleEF	LHD2	2.6810e-003	2.6760e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.3300e-004	1.3800e-004
tblVehicleEF	LHD2	5.0200e-004	6.3200e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	2.6700e-004	3.2300e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.10	0.38
tblVehicleEF	LHD2	0.13	0.05
tblVehicleEF	LHD2	1.3700e-004	1.3600e-004
tblVehicleEF	LHD2	7.0090e-003	7.6920e-003
tblVehicleEF	LHD2	2.7800e-004	8.4000e-005
tblVehicleEF	LHD2	5.0200e-004	6.3200e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.6700e-004	3.2300e-004
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.10	0.38
tblVehicleEF	LHD2	0.14	0.06
tblVehicleEF	MCY	0.44	0.33
tblVehicleEF	MCY	0.16	0.26
tblVehicleEF	MCY	19.41	19.56
tblVehicleEF	MCY	10.14	8.98
tblVehicleEF	MCY	168.73	210.39
tblVehicleEF	MCY	45.97	61.76



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tblVehicleEF	MCY	1.15	1.15
tblVehicleEF	MCY	0.32	0.27
tblVehicleEF	MCY	1.9370e-003	1.8930e-003
tblVehicleEF	MCY	3.9880e-003	3.2130e-003
tblVehicleEF	MCY	1.8140e-003	1.7720e-003
tblVehicleEF	MCY	3.7640e-003	3.0300e-003
tblVehicleEF	MCY	0.91	0.91
tblVehicleEF	MCY	0.73	0.72
tblVehicleEF	MCY	0.50	0.50
tblVehicleEF	MCY	2.24	2.25
tblVehicleEF	MCY	0.63	2.13
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MCY	2.0700e-003	2.0820e-003
tblVehicleEF	MCY	6.9100e-004	6.1100e-004
tblVehicleEF	MCY	0.91	0.91
tblVehicleEF	MCY	0.73	0.72
tblVehicleEF	MCY	0.50	0.50
tblVehicleEF	MCY	2.77	2.77
tblVehicleEF	MCY	0.63	2.13
tblVehicleEF	MCY	2.43	2.14
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.14	0.22
tblVehicleEF	MCY	18.69	18.84
tblVehicleEF	MCY	8.94	7.86
tblVehicleEF	MCY	168.73	208.94
tblVehicleEF	MCY	45.97	58.88
tblVehicleEF	MCY	1.02	1.02

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tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	1.9370e-003	1.8930e-003
tblVehicleEF	MCY	3.9880e-003	3.2130e-003
tblVehicleEF	MCY	1.8140e-003	1.7720e-003
tblVehicleEF	MCY	3.7640e-003	3.0300e-003
tblVehicleEF	MCY	2.35	2.34
tblVehicleEF	MCY	0.95	0.95
tblVehicleEF	MCY	1.36	1.35
tblVehicleEF	MCY	2.16	2.17
tblVehicleEF	MCY	0.59	2.00
tblVehicleEF	MCY	1.87	1.63
tblVehicleEF	MCY	2.0560e-003	2.0680e-003
tblVehicleEF	MCY	6.6100e-004	5.8300e-004
tblVehicleEF	MCY	2.35	2.34
tblVehicleEF	MCY	0.95	0.95
tblVehicleEF	MCY	1.36	1.35
tblVehicleEF	MCY	2.67	2.67
tblVehicleEF	MCY	0.59	2.00
tblVehicleEF	MCY	2.03	1.78
tblVehicleEF	MCY	0.46	0.34
tblVehicleEF	MCY	0.19	0.30
tblVehicleEF	MCY	20.95	21.12
tblVehicleEF	MCY	11.55	10.28
tblVehicleEF	MCY	168.73	213.22
tblVehicleEF	MCY	45.97	64.91
tblVehicleEF	MCY	1.24	1.24
tblVehicleEF	MCY	0.34	0.29

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tblVehicleEF	MCY	1.9370e-003	1.8930e-003
tblVehicleEF	MCY	3.9880e-003	3.2130e-003
tblVehicleEF	MCY	1.8140e-003	1.7720e-003
tblVehicleEF	MCY	3.7640e-003	3.0300e-003
tblVehicleEF	MCY	0.40	0.40
tblVehicleEF	MCY	0.88	0.86
tblVehicleEF	MCY	0.19	0.19
tblVehicleEF	MCY	2.34	2.35
tblVehicleEF	MCY	0.75	2.53
tblVehicleEF	MCY	2.59	2.30
tblVehicleEF	MCY	2.0980e-003	2.1100e-003
tblVehicleEF	MCY	7.2500e-004	6.4200e-004
tblVehicleEF	MCY	0.40	0.40
tblVehicleEF	MCY	0.88	0.86
tblVehicleEF	MCY	0.19	0.19
tblVehicleEF	MCY	2.88	2.89
tblVehicleEF	MCY	0.75	2.53
tblVehicleEF	MCY	2.81	2.50
tblVehicleEF	MDV	0.01	5.3420e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.32	1.10
tblVehicleEF	MDV	3.27	3.49
tblVehicleEF	MDV	473.55	406.59
tblVehicleEF	MDV	107.62	87.26
tblVehicleEF	MDV	0.16	0.12
tblVehicleEF	MDV	0.29	0.40
tblVehicleEF	MDV	1.8700e-003	1.6810e-003

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tblVehicleEF	MDV	2.5800e-003	2.1330e-003
tblVehicleEF	MDV	1.7250e-003	1.5510e-003
tblVehicleEF	MDV	2.3740e-003	1.9630e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.48
tblVehicleEF	MDV	0.25	0.47
tblVehicleEF	MDV	4.7450e-003	4.0190e-003
tblVehicleEF	MDV	1.1340e-003	8.6400e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.48
tblVehicleEF	MDV	0.28	0.51
tblVehicleEF	MDV	0.01	5.9460e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.52	1.27
tblVehicleEF	MDV	2.59	2.74
tblVehicleEF	MDV	508.67	427.55
tblVehicleEF	MDV	107.62	85.80
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.26	0.35
tblVehicleEF	MDV	1.8700e-003	1.6810e-003
tblVehicleEF	MDV	2.5800e-003	2.1330e-003

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tblVehicleEF	MDV	1.7250e-003	1.5510e-003
tblVehicleEF	MDV	2.3740e-003	1.9630e-003
tblVehicleEF	MDV	0.14	0.17
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.12	0.14
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.10	0.44
tblVehicleEF	MDV	0.21	0.39
tblVehicleEF	MDV	5.0990e-003	4.2270e-003
tblVehicleEF	MDV	1.1220e-003	8.4900e-004
tblVehicleEF	MDV	0.14	0.17
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.12	0.14
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.10	0.44
tblVehicleEF	MDV	0.23	0.43
tblVehicleEF	MDV	0.01	5.1890e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.31	1.09
tblVehicleEF	MDV	3.82	4.10
tblVehicleEF	MDV	467.76	403.17
tblVehicleEF	MDV	107.62	88.44
tblVehicleEF	MDV	0.18	0.13
tblVehicleEF	MDV	0.32	0.43
tblVehicleEF	MDV	1.8700e-003	1.6810e-003
tblVehicleEF	MDV	2.5800e-003	2.1330e-003
tblVehicleEF	MDV	1.7250e-003	1.5510e-003

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tblVehicleEF	MDV	2.3740e-003	1.9630e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.18	0.16
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.29	0.53
tblVehicleEF	MDV	4.6870e-003	3.9860e-003
tblVehicleEF	MDV	1.1440e-003	8.7500e-004
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.18	0.16
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.32	0.58
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	2.90	1.62
tblVehicleEF	MH	6.68	2.37
tblVehicleEF	MH	1,223.22	1,583.82
tblVehicleEF	MH	59.88	19.77
tblVehicleEF	MH	1.49	1.51
tblVehicleEF	MH	0.92	0.25
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2930e-003	3.1000e-004
tblVehicleEF	MH	3.2150e-003	3.2650e-003

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tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1890e-003	2.8500e-004
tblVehicleEF	MH	0.98	0.87
tblVehicleEF	MH	0.08	0.07
tblVehicleEF	MH	0.33	0.29
tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.02	1.76
tblVehicleEF	MH	0.38	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.1500e-004	1.9600e-004
tblVehicleEF	MH	0.98	0.87
tblVehicleEF	MH	0.08	0.07
tblVehicleEF	MH	0.33	0.29
tblVehicleEF	MH	0.17	0.12
tblVehicleEF	MH	0.02	1.76
tblVehicleEF	MH	0.42	0.12
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.03	1.69
tblVehicleEF	MH	6.05	2.16
tblVehicleEF	MH	1,223.22	1,583.94
tblVehicleEF	MH	59.88	19.41
tblVehicleEF	MH	1.40	1.42
tblVehicleEF	MH	0.86	0.23
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2930e-003	3.1000e-004

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tblVehicleEF	MH	3.2150e-003	3.2650e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1890e-003	2.8500e-004
tblVehicleEF	MH	2.22	1.97
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.71	0.62
tblVehicleEF	MH	0.13	0.09
tblVehicleEF	MH	0.02	1.71
tblVehicleEF	MH	0.36	0.10
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.0400e-004	1.9200e-004
tblVehicleEF	MH	2.22	1.97
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.71	0.62
tblVehicleEF	MH	0.18	0.12
tblVehicleEF	MH	0.02	1.71
tblVehicleEF	MH	0.39	0.11
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.80	1.58
tblVehicleEF	MH	7.29	2.56
tblVehicleEF	MH	1,223.22	1,583.74
tblVehicleEF	MH	59.88	20.10
tblVehicleEF	MH	1.54	1.55
tblVehicleEF	MH	0.97	0.26
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03



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tblVehicleEF	MH	1.2930e-003	3.1000e-004
tblVehicleEF	MH	3.2150e-003	3.2650e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1890e-003	2.8500e-004
tblVehicleEF	MH	0.48	0.43
tblVehicleEF	MH	0.10	0.09
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.03	1.89
tblVehicleEF	MH	0.41	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2600e-004	1.9900e-004
tblVehicleEF	MH	0.48	0.43
tblVehicleEF	MH	0.10	0.09
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	0.17	0.12
tblVehicleEF	MH	0.03	1.89
tblVehicleEF	MH	0.45	0.12
tblVehicleEF	MHD	0.02	3.3710e-003
tblVehicleEF	MHD	6.6980e-003	0.01
tblVehicleEF	MHD	0.06	9.5540e-003
tblVehicleEF	MHD	0.40	0.37
tblVehicleEF	MHD	0.47	0.76
tblVehicleEF	MHD	7.25	1.20
tblVehicleEF	MHD	136.73	77.13
tblVehicleEF	MHD	1,206.00	1,160.41
tblVehicleEF	MHD	62.24	9.11

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tblVehicleEF	MHD	0.58	0.67
tblVehicleEF	MHD	1.63	2.89
tblVehicleEF	MHD	10.30	1.17
tblVehicleEF	MHD	8.2700e-004	2.1340e-003
tblVehicleEF	MHD	7.2180e-003	0.07
tblVehicleEF	MHD	9.9100e-004	1.2300e-004
tblVehicleEF	MHD	7.9100e-004	2.0410e-003
tblVehicleEF	MHD	6.8990e-003	0.07
tblVehicleEF	MHD	9.1100e-004	1.1300e-004
tblVehicleEF	MHD	1.0740e-003	4.8800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.3000e-004	2.3700e-004
tblVehicleEF	MHD	0.06	0.19
tblVehicleEF	MHD	0.03	0.13
tblVehicleEF	MHD	0.43	0.05
tblVehicleEF	MHD	1.3170e-003	7.3100e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.4900e-004	9.0000e-005
tblVehicleEF	MHD	1.0740e-003	4.8800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.3000e-004	2.3700e-004
tblVehicleEF	MHD	0.08	0.22
tblVehicleEF	MHD	0.03	0.13
tblVehicleEF	MHD	0.47	0.06
tblVehicleEF	MHD	0.02	3.1690e-003

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tblVehicleEF	MHD	6.8520e-003	0.01
tblVehicleEF	MHD	0.05	8.9940e-003
tblVehicleEF	MHD	0.28	0.30
tblVehicleEF	MHD	0.48	0.77
tblVehicleEF	MHD	6.66	1.11
tblVehicleEF	MHD	144.99	78.59
tblVehicleEF	MHD	1,206.00	1,160.42
tblVehicleEF	MHD	62.24	8.94
tblVehicleEF	MHD	0.59	0.68
tblVehicleEF	MHD	1.56	2.77
tblVehicleEF	MHD	10.24	1.16
tblVehicleEF	MHD	6.9700e-004	1.8020e-003
tblVehicleEF	MHD	7.2180e-003	0.07
tblVehicleEF	MHD	9.9100e-004	1.2300e-004
tblVehicleEF	MHD	6.6700e-004	1.7240e-003
tblVehicleEF	MHD	6.8990e-003	0.07
tblVehicleEF	MHD	9.1100e-004	1.1300e-004
tblVehicleEF	MHD	2.5110e-003	1.1470e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.1770e-003	5.3000e-004
tblVehicleEF	MHD	0.06	0.19
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.40	0.05
tblVehicleEF	MHD	1.3950e-003	7.4500e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.3900e-004	8.9000e-005

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tblVehicleEF	MHD	2.5110e-003	1.1470e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.1770e-003	5.3000e-004
tblVehicleEF	MHD	0.08	0.22
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.44	0.05
tblVehicleEF	MHD	0.02	3.5760e-003
tblVehicleEF	MHD	6.5800e-003	0.01
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.53	0.45
tblVehicleEF	MHD	0.46	0.75
tblVehicleEF	MHD	7.79	1.29
tblVehicleEF	MHD	125.70	75.23
tblVehicleEF	MHD	1,206.00	1,160.39
tblVehicleEF	MHD	62.24	9.26
tblVehicleEF	MHD	0.55	0.66
tblVehicleEF	MHD	1.66	2.94
tblVehicleEF	MHD	10.36	1.17
tblVehicleEF	MHD	1.0060e-003	2.5930e-003
tblVehicleEF	MHD	7.2180e-003	0.07
tblVehicleEF	MHD	9.9100e-004	1.2300e-004
tblVehicleEF	MHD	9.6300e-004	2.4800e-003
tblVehicleEF	MHD	6.8990e-003	0.07
tblVehicleEF	MHD	9.1100e-004	1.1300e-004
tblVehicleEF	MHD	5.2400e-004	2.3700e-004
tblVehicleEF	MHD	0.05	0.02

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	2.6600e-004	1.1800e-004
tblVehicleEF	MHD	0.06	0.19
tblVehicleEF	MHD	0.03	0.14
tblVehicleEF	MHD	0.45	0.06
tblVehicleEF	MHD	1.2130e-003	7.1300e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.5800e-004	9.2000e-005
tblVehicleEF	MHD	5.2400e-004	2.3700e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.6600e-004	1.1800e-004
tblVehicleEF	MHD	0.07	0.22
tblVehicleEF	MHD	0.03	0.14
tblVehicleEF	MHD	0.50	0.06
tblVehicleEF	OBUS	0.01	7.4560e-003
tblVehicleEF	OBUS	9.3020e-003	8.2760e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.57
tblVehicleEF	OBUS	0.58	0.77
tblVehicleEF	OBUS	5.50	1.97
tblVehicleEF	OBUS	110.36	98.57
tblVehicleEF	OBUS	1,314.27	1,386.54
tblVehicleEF	OBUS	67.24	15.72
tblVehicleEF	OBUS	0.58	0.61
tblVehicleEF	OBUS	1.90	2.07
tblVehicleEF	OBUS	2.86	0.95

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	OBUS	2.0100e-004	2.1490e-003
tblVehicleEF	OBUS	8.9640e-003	0.03
tblVehicleEF	OBUS	7.5500e-004	1.3500e-004
tblVehicleEF	OBUS	1.9200e-004	2.0560e-003
tblVehicleEF	OBUS	8.5580e-003	0.03
tblVehicleEF	OBUS	6.9400e-004	1.2400e-004
tblVehicleEF	OBUS	1.1920e-003	1.0870e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	5.1400e-004	4.7200e-004
tblVehicleEF	OBUS	0.08	0.10
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.35	0.09
tblVehicleEF	OBUS	1.0650e-003	9.3600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6900e-004	1.5600e-004
tblVehicleEF	OBUS	1.1920e-003	1.0870e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	5.1400e-004	4.7200e-004
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.38	0.10
tblVehicleEF	OBUS	0.01	7.4820e-003
tblVehicleEF	OBUS	9.5280e-003	8.4350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.27	0.54

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	OBUS	0.60	0.78
tblVehicleEF	OBUS	5.02	1.79
tblVehicleEF	OBUS	115.93	99.03
tblVehicleEF	OBUS	1,314.27	1,386.57
tblVehicleEF	OBUS	67.24	15.42
tblVehicleEF	OBUS	0.60	0.61
tblVehicleEF	OBUS	1.82	1.98
tblVehicleEF	OBUS	2.80	0.94
tblVehicleEF	OBUS	1.6900e-004	1.8170e-003
tblVehicleEF	OBUS	8.9640e-003	0.03
tblVehicleEF	OBUS	7.5500e-004	1.3500e-004
tblVehicleEF	OBUS	1.6200e-004	1.7380e-003
tblVehicleEF	OBUS	8.5580e-003	0.03
tblVehicleEF	OBUS	6.9400e-004	1.2400e-004
tblVehicleEF	OBUS	2.6670e-003	2.4110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.0870e-003	9.8400e-004
tblVehicleEF	OBUS	0.08	0.10
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.32	0.09
tblVehicleEF	OBUS	1.1180e-003	9.4100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6100e-004	1.5300e-004
tblVehicleEF	OBUS	2.6670e-003	2.4110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	OBUS	1.0870e-003	9.8400e-004
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.35	0.10
tblVehicleEF	OBUS	0.01	7.4320e-003
tblVehicleEF	OBUS	9.1270e-003	8.1530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.30	0.60
tblVehicleEF	OBUS	0.57	0.75
tblVehicleEF	OBUS	5.94	2.13
tblVehicleEF	OBUS	102.66	97.94
tblVehicleEF	OBUS	1,314.27	1,386.52
tblVehicleEF	OBUS	67.24	15.98
tblVehicleEF	OBUS	0.56	0.62
tblVehicleEF	OBUS	1.94	2.11
tblVehicleEF	OBUS	2.92	0.96
tblVehicleEF	OBUS	2.4400e-004	2.6080e-003
tblVehicleEF	OBUS	8.9640e-003	0.03
tblVehicleEF	OBUS	7.5500e-004	1.3500e-004
tblVehicleEF	OBUS	2.3400e-004	2.4950e-003
tblVehicleEF	OBUS	8.5580e-003	0.03
tblVehicleEF	OBUS	6.9400e-004	1.2400e-004
tblVehicleEF	OBUS	6.3700e-004	5.8800e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	2.9000e-004	2.6800e-004
tblVehicleEF	OBUS	0.07	0.10



## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	OBUS	0.03	0.19
tblVehicleEF	OBUS	0.36	0.10
tblVehicleEF	OBUS	9.9100e-004	9.3000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7600e-004	1.5800e-004
tblVehicleEF	OBUS	6.3700e-004	5.8800e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	2.9000e-004	2.6800e-004
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.03	0.19
tblVehicleEF	OBUS	0.40	0.11
tblVehicleEF	SBUS	0.86	0.05
tblVehicleEF	SBUS	0.02	6.8250e-003
tblVehicleEF	SBUS	0.09	4.3890e-003
tblVehicleEF	SBUS	8.04	1.99
tblVehicleEF	SBUS	1.25	0.56
tblVehicleEF	SBUS	10.59	0.66
tblVehicleEF	SBUS	1,134.67	347.43
tblVehicleEF	SBUS	1,066.60	1,081.24
tblVehicleEF	SBUS	54.09	3.67
tblVehicleEF	SBUS	9.77	3.69
tblVehicleEF	SBUS	4.41	5.30
tblVehicleEF	SBUS	12.56	0.73
tblVehicleEF	SBUS	0.01	4.5040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03

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tblVehicleEF	SBUS	8.6500e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	4.3090e-003
tblVehicleEF	SBUS	2.6420e-003	2.7440e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	7.9500e-004	3.7000e-005
tblVehicleEF	SBUS	3.7040e-003	4.6600e-004
tblVehicleEF	SBUS	0.04	4.4900e-003
tblVehicleEF	SBUS	0.97	0.22
tblVehicleEF	SBUS	1.4870e-003	1.8600e-004
tblVehicleEF	SBUS	0.13	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.53	0.03
tblVehicleEF	SBUS	0.01	3.3040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2400e-004	3.6000e-005
tblVehicleEF	SBUS	3.7040e-003	4.6600e-004
tblVehicleEF	SBUS	0.04	4.4900e-003
tblVehicleEF	SBUS	1.39	0.31
tblVehicleEF	SBUS	1.4870e-003	1.8600e-004
tblVehicleEF	SBUS	0.16	0.11
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.58	0.03
tblVehicleEF	SBUS	0.86	0.05
tblVehicleEF	SBUS	0.02	6.9320e-003
tblVehicleEF	SBUS	0.08	3.6890e-003
tblVehicleEF	SBUS	7.91	1.94
tblVehicleEF	SBUS	1.28	0.57

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	SBUS	7.78	0.48
tblVehicleEF	SBUS	1,186.23	357.77
tblVehicleEF	SBUS	1,066.60	1,081.26
tblVehicleEF	SBUS	54.09	3.38
tblVehicleEF	SBUS	10.08	3.78
tblVehicleEF	SBUS	4.22	5.09
tblVehicleEF	SBUS	12.50	0.73
tblVehicleEF	SBUS	8.8720e-003	3.8040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	8.6500e-004	4.0000e-005
tblVehicleEF	SBUS	8.4880e-003	3.6400e-003
tblVehicleEF	SBUS	2.6420e-003	2.7440e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	7.9500e-004	3.7000e-005
tblVehicleEF	SBUS	8.3470e-003	1.0580e-003
tblVehicleEF	SBUS	0.04	4.7210e-003
tblVehicleEF	SBUS	0.96	0.22
tblVehicleEF	SBUS	3.1820e-003	4.0400e-004
tblVehicleEF	SBUS	0.13	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.44	0.02
tblVehicleEF	SBUS	0.01	3.4020e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7700e-004	3.3000e-005
tblVehicleEF	SBUS	8.3470e-003	1.0580e-003
tblVehicleEF	SBUS	0.04	4.7210e-003

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	SBUS	1.39	0.31
tblVehicleEF	SBUS	3.1820e-003	4.0400e-004
tblVehicleEF	SBUS	0.16	0.11
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.48	0.02
tblVehicleEF	SBUS	0.86	0.05
tblVehicleEF	SBUS	0.02	6.7400e-003
tblVehicleEF	SBUS	0.10	5.0170e-003
tblVehicleEF	SBUS	8.20	2.04
tblVehicleEF	SBUS	1.22	0.55
tblVehicleEF	SBUS	13.43	0.83
tblVehicleEF	SBUS	1,063.46	333.15
tblVehicleEF	SBUS	1,066.60	1,081.23
tblVehicleEF	SBUS	54.09	3.96
tblVehicleEF	SBUS	9.34	3.56
tblVehicleEF	SBUS	4.50	5.39
tblVehicleEF	SBUS	12.61	0.73
tblVehicleEF	SBUS	0.01	5.4710e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	8.6500e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.2340e-003
tblVehicleEF	SBUS	2.6420e-003	2.7440e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	7.9500e-004	3.7000e-005
tblVehicleEF	SBUS	1.9750e-003	2.4400e-004
tblVehicleEF	SBUS	0.04	4.6390e-003

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	SBUS	0.97	0.22
tblVehicleEF	SBUS	8.4200e-004	1.0400e-004
tblVehicleEF	SBUS	0.12	0.09
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.60	0.03
tblVehicleEF	SBUS	0.01	3.1690e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.7000e-004	3.9000e-005
tblVehicleEF	SBUS	1.9750e-003	2.4400e-004
tblVehicleEF	SBUS	0.04	4.6390e-003
tblVehicleEF	SBUS	1.40	0.32
tblVehicleEF	SBUS	8.4200e-004	1.0400e-004
tblVehicleEF	SBUS	0.15	0.11
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.66	0.03
tblVehicleEF	UBUS	0.28	1.38
tblVehicleEF	UBUS	0.04	2.6650e-003
tblVehicleEF	UBUS	5.43	10.36
tblVehicleEF	UBUS	8.06	0.14
tblVehicleEF	UBUS	2,118.14	1,606.74
tblVehicleEF	UBUS	94.20	1.64
tblVehicleEF	UBUS	11.45	0.73
tblVehicleEF	UBUS	15.24	0.02
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.26	5.2780e-003
tblVehicleEF	UBUS	1.0370e-003	2.0000e-006

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	8.3320e-003
tblVehicleEF	UBUS	0.25	5.0490e-003
tblVehicleEF	UBUS	9.5300e-004	2.0000e-006
tblVehicleEF	UBUS	2.2720e-003	1.7500e-004
tblVehicleEF	UBUS	0.04	2.6930e-003
tblVehicleEF	UBUS	1.0590e-003	1.1000e-004
tblVehicleEF	UBUS	0.72	0.02
tblVehicleEF	UBUS	8.0440e-003	0.02
tblVehicleEF	UBUS	0.55	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.0850e-003	1.6000e-005
tblVehicleEF	UBUS	2.2720e-003	1.7500e-004
tblVehicleEF	UBUS	0.04	2.6930e-003
tblVehicleEF	UBUS	1.0590e-003	1.1000e-004
tblVehicleEF	UBUS	1.05	1.41
tblVehicleEF	UBUS	8.0440e-003	0.02
tblVehicleEF	UBUS	0.61	0.01
tblVehicleEF	UBUS	0.28	1.38
tblVehicleEF	UBUS	0.04	2.3690e-003
tblVehicleEF	UBUS	5.50	10.36
tblVehicleEF	UBUS	6.40	0.11
tblVehicleEF	UBUS	2,118.14	1,606.74
tblVehicleEF	UBUS	94.20	1.60
tblVehicleEF	UBUS	10.98	0.73
tblVehicleEF	UBUS	15.18	0.02
tblVehicleEF	UBUS	0.62	0.07

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.26	5.2780e-003
tblVehicleEF	UBUS	1.0370e-003	2.0000e-006
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	8.3320e-003
tblVehicleEF	UBUS	0.25	5.0490e-003
tblVehicleEF	UBUS	9.5300e-004	2.0000e-006
tblVehicleEF	UBUS	5.4590e-003	3.7600e-004
tblVehicleEF	UBUS	0.05	2.9120e-003
tblVehicleEF	UBUS	2.5450e-003	2.1200e-004
tblVehicleEF	UBUS	0.73	0.02
tblVehicleEF	UBUS	7.4030e-003	0.02
tblVehicleEF	UBUS	0.48	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.0570e-003	1.6000e-005
tblVehicleEF	UBUS	5.4590e-003	3.7600e-004
tblVehicleEF	UBUS	0.05	2.9120e-003
tblVehicleEF	UBUS	2.5450e-003	2.1200e-004
tblVehicleEF	UBUS	1.07	1.41
tblVehicleEF	UBUS	7.4030e-003	0.02
tblVehicleEF	UBUS	0.53	0.01
tblVehicleEF	UBUS	0.27	1.38
tblVehicleEF	UBUS	0.05	2.9130e-003
tblVehicleEF	UBUS	5.39	10.36
tblVehicleEF	UBUS	9.65	0.16
tblVehicleEF	UBUS	2,118.14	1,606.74
tblVehicleEF	UBUS	94.20	1.68

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleEF	UBUS	11.63	0.73
tblVehicleEF	UBUS	15.29	0.02
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.26	5.2780e-003
tblVehicleEF	UBUS	1.0370e-003	2.0000e-006
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	8.3320e-003
tblVehicleEF	UBUS	0.25	5.0490e-003
tblVehicleEF	UBUS	9.5300e-004	2.0000e-006
tblVehicleEF	UBUS	1.1910e-003	1.0400e-004
tblVehicleEF	UBUS	0.05	2.7720e-003
tblVehicleEF	UBUS	5.3700e-004	6.7000e-005
tblVehicleEF	UBUS	0.71	0.02
tblVehicleEF	UBUS	9.8390e-003	0.02
tblVehicleEF	UBUS	0.62	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.1120e-003	1.7000e-005
tblVehicleEF	UBUS	1.1910e-003	1.0400e-004
tblVehicleEF	UBUS	0.05	2.7720e-003
tblVehicleEF	UBUS	5.3700e-004	6.7000e-005
tblVehicleEF	UBUS	1.04	1.41
tblVehicleEF	UBUS	9.8390e-003	0.02
tblVehicleEF	UBUS	0.68	0.01
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TTP	19.00	100.00



## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	22.75	140.21
tblVehicleTrips	ST_TR	2.46	25.86
tblVehicleTrips	ST_TR	1.68	0.23
tblVehicleTrips	SU_TR	16.74	140.21
tblVehicleTrips	SU_TR	1.05	25.86
tblVehicleTrips	SU_TR	1.68	0.23
tblVehicleTrips	WD_TR	1.89	140.21
tblVehicleTrips	WD_TR	11.03	25.86
tblVehicleTrips	WD_TR	1.68	0.23

## 2.0 Emissions Summary

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2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

**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	2.8206	5.0000e-004	0.0548	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1170	0.1170	3.1000e-004		0.1248
Energy	0.0162	0.1474	0.1238	8.8000e-004		0.0112	0.0112		0.0112	0.0112		176.9102	176.9102	3.3900e-003	3.2400e-003	177.9614
Mobile	1.3963	4.8487	11.2117	0.0514	3.9328	0.0718	4.0046	1.0664	0.0681	1.1345		5,261.3730	5,261.3730	0.1155		5,264.2595
<b>Total</b>	<b>4.2332</b>	<b>4.9966</b>	<b>11.3903</b>	<b>0.0523</b>	<b>3.9328</b>	<b>0.0832</b>	<b>4.0160</b>	<b>1.0664</b>	<b>0.0795</b>	<b>1.1459</b>		<b>5,438.4001</b>	<b>5,438.4001</b>	<b>0.1192</b>	<b>3.2400e-003</b>	<b>5,442.3457</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	lb/day										lb/day					
Area	2.8206	5.0000e-004	0.0548	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1170	0.1170	3.1000e-004		0.1248
Energy	0.0114	0.1038	0.0872	6.2000e-004		7.8900e-003	7.8900e-003		7.8900e-003	7.8900e-003		124.5531	124.5531	2.3900e-003	2.2800e-003	125.2933
Mobile	1.3963	4.8487	11.2117	0.0514	3.9328	0.0718	4.0046	1.0664	0.0681	1.1345		5,261.3730	5,261.3730	0.1155		5,264.2595
<b>Total</b>	<b>4.2284</b>	<b>4.9529</b>	<b>11.3537</b>	<b>0.0521</b>	<b>3.9328</b>	<b>0.0799</b>	<b>4.0127</b>	<b>1.0664</b>	<b>0.0762</b>	<b>1.1425</b>		<b>5,386.0431</b>	<b>5,386.0431</b>	<b>0.1182</b>	<b>2.2800e-003</b>	<b>5,389.6775</b>

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

	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	0.11	0.87	0.32	0.50	0.00	3.98	0.08	0.00	4.17	0.29	0.00	0.96	0.96	0.84	29.63	0.97

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	1/16/2021	1/18/2021	5	300	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 9.77

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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

#### Trips and VMT

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

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
Building Construction	9	249.00	98.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 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					
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>

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

**3.2 Building Construction - 2021**

**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
Vendor	0.3125	9.9626	2.5109	0.0267	0.6635	0.0220	0.6855	0.1910	0.0211	0.2121		2,828.4688	2,828.4688	0.1179		2,831.4157
Worker	0.8018	0.4751	6.2748	0.0194	2.0455	0.0124	2.0579	0.5426	0.0114	0.5540		1,937.2471	1,937.2471	0.0440		1,938.3474
<b>Total</b>	<b>1.1143</b>	<b>10.4377</b>	<b>8.7857</b>	<b>0.0462</b>	<b>2.7090</b>	<b>0.0345</b>	<b>2.7434</b>	<b>0.7336</b>	<b>0.0325</b>	<b>0.7661</b>		<b>4,765.7159</b>	<b>4,765.7159</b>	<b>0.1619</b>		<b>4,769.7631</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>

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

**3.2 Building Construction - 2021**

**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
Vendor	0.3125	9.9626	2.5109	0.0267	0.6351	0.0220	0.6572	0.1841	0.0211	0.2051		2,828.4688	2,828.4688	0.1179		2,831.4157
Worker	0.8018	0.4751	6.2748	0.0194	1.9388	0.0124	1.9512	0.5164	0.0114	0.5278		1,937.2471	1,937.2471	0.0440		1,938.3474
<b>Total</b>	<b>1.1143</b>	<b>10.4377</b>	<b>8.7857</b>	<b>0.0462</b>	<b>2.5740</b>	<b>0.0345</b>	<b>2.6084</b>	<b>0.7004</b>	<b>0.0325</b>	<b>0.7329</b>		<b>4,765.7159</b>	<b>4,765.7159</b>	<b>0.1619</b>		<b>4,769.7631</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

	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	1.3963	4.8487	11.2117	0.0514	3.9328	0.0718	4.0046	1.0664	0.0681	1.1345		5,261.3730	5,261.3730	0.1155		5,264.2595
Unmitigated	1.3963	4.8487	11.2117	0.0514	3.9328	0.0718	4.0046	1.0664	0.0681	1.1345		5,261.3730	5,261.3730	0.1155		5,264.2595

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	201.91	201.91	201.91	536,512	536,512
General Office Building	350.95	350.95	350.95	1,213,579	1,213,579
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	22.00	22.00	22.00	58,460	58,460
<b>Total</b>	<b>574.86</b>	<b>574.86</b>	<b>574.86</b>	<b>1,808,552</b>	<b>1,808,552</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	0.00	0.00	100.00	100	0	0
General Office Building	9.50	7.30	7.30	100.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unenclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	0.00	0.00	100.00	100	0	0



2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
Unenclosed Parking Structure	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.131008	0.326719	0.542274	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Exceed Title 24

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					
NaturalGas Mitigated	0.0114	0.1038	0.0872	6.2000e-004		7.8900e-003	7.8900e-003		7.8900e-003	7.8900e-003		124.5531	124.5531	2.3900e-003	2.2800e-003	125.2933
NaturalGas Unmitigated	0.0162	0.1474	0.1238	8.8000e-004		0.0112	0.0112		0.0112	0.0112		176.9102	176.9102	3.3900e-003	3.2400e-003	177.9614

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

**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
General Office Building	608.695	6.5600e-003	0.0597	0.0501	3.6000e-004		4.5400e-003	4.5400e-003		4.5400e-003	4.5400e-003		71.6112	71.6112	1.3700e-003	1.3100e-003	72.0367
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
Unenclosed Parking Structure	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 Rail	895.041	9.6500e-003	0.0878	0.0737	5.3000e-004		6.6700e-003	6.6700e-003		6.6700e-003	6.6700e-003		105.2990	105.2990	2.0200e-003	1.9300e-003	105.9247
<b>Total</b>		<b>0.0162</b>	<b>0.1474</b>	<b>0.1238</b>	<b>8.9000e-004</b>		<b>0.0112</b>	<b>0.0112</b>		<b>0.0112</b>	<b>0.0112</b>		<b>176.9102</b>	<b>176.9102</b>	<b>3.3900e-003</b>	<b>3.2400e-003</b>	<b>177.9614</b>

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

**5.2 Energy by Land Use - NaturalGas**

**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					
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
General Office Building	0.426756	4.6000e-003	0.0418	0.0351	2.5000e-004		3.1800e-003	3.1800e-003		3.1800e-003	3.1800e-003		50.2066	50.2066	9.6000e-004	9.2000e-004	50.5049
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
Unenclosed Parking Structure	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 Rail	0.631946	6.8200e-003	0.0620	0.0520	3.7000e-004		4.7100e-003	4.7100e-003		4.7100e-003	4.7100e-003		74.3465	74.3465	1.4200e-003	1.3600e-003	74.7884
<b>Total</b>		<b>0.0114</b>	<b>0.1038</b>	<b>0.0872</b>	<b>6.2000e-004</b>		<b>7.8900e-003</b>	<b>7.8900e-003</b>		<b>7.8900e-003</b>	<b>7.8900e-003</b>		<b>124.5531</b>	<b>124.5531</b>	<b>2.3800e-003</b>	<b>2.2800e-003</b>	<b>125.2933</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

	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	2.8206	5.0000e-004	0.0548	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1170	0.1170	3.1000e-004		0.1248
Unmitigated	2.8206	5.0000e-004	0.0548	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1170	0.1170	3.1000e-004		0.1248

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	0.3564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4591					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.1200e-003	5.0000e-004	0.0548	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1170	0.1170	3.1000e-004		0.1248
<b>Total</b>	<b>2.8206</b>	<b>5.0000e-004</b>	<b>0.0548</b>	<b>0.0000</b>		<b>2.0000e-004</b>	<b>2.0000e-004</b>		<b>2.0000e-004</b>	<b>2.0000e-004</b>		<b>0.1170</b>	<b>0.1170</b>	<b>3.1000e-004</b>		<b>0.1248</b>

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

**6.2 Area by SubCategory**

**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	0.3564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4591					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.1200e-003	5.0000e-004	0.0548	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1170	0.1170	3.1000e-004		0.1248
<b>Total</b>	<b>2.8206</b>	<b>5.0000e-004</b>	<b>0.0548</b>	<b>0.0000</b>		<b>2.0000e-004</b>	<b>2.0000e-004</b>		<b>2.0000e-004</b>	<b>2.0000e-004</b>		<b>0.1170</b>	<b>0.1170</b>	<b>3.1000e-004</b>		<b>0.1248</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

- Institute Recycling and Composting Services

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Summer

**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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2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

**2256 Junction Ave - Proposed Project (Operations Only)**  
**Santa Clara County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	13.57	1000sqft	0.31	13,572.00	0
Unrefrigerated Warehouse-No Rail	94.15	1000sqft	2.16	94,147.00	0
Parking Lot	391.63	1000sqft	8.99	391,627.00	0
Unenclosed Parking Structure	33.79	1000sqft	0.78	33,791.00	0
City Park	1.44	Acre	1.44	62,755.00	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>	2021
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	163	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

Project Characteristics - PG&E intensity factor per CR&SR 2019

Land Use - landscape identified by pervious area, 62,755 sf landscaping entered as "City Park", Parking Lot includes parking spaces and drive aisles, total warehouse area 94,147 sf

Construction Phase - No Construction - Operations Model Only

Off-road Equipment -

Off-road Equipment - Operations Only - No Construction

Trips and VMT - Operations Only - No Construction

Demolition -

Grading -

Vehicle Trips - Cars 351/13.572 ksf = 25.862068965517241379310344827586 vans = 202/1.44065 acres = 140.21448651650296741054385173359 trucks 22/94.147 skf 0.23367712194759259455957173356559

Vehicle Emission Factors - EMFAC2017 (2021) with SAFE Rule

Vehicle Emission Factors - EMFAC2017 (2021) with SAFE Rule

Vehicle Emission Factors - EMFAC2017 (2021) with SAFE Rule

Energy Use -

Construction Off-road Equipment Mitigation - BAAQMD Rule Compliance

Mobile Land Use Mitigation -

Mobile Commute Mitigation - TDM required, covered in TIA

Fleet Mix - Fleet Mix based on TIA, truck mix based on default percentages

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.54



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tblFleetMix	LDA	0.61	0.00
tblFleetMix	LDA	0.61	1.00
tblFleetMix	LDA	0.61	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.01	1.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	4.9910e-003	0.00
tblFleetMix	LHD2	4.9910e-003	0.00
tblFleetMix	LHD2	4.9910e-003	0.13
tblFleetMix	MCY	5.3340e-003	0.00
tblFleetMix	MCY	5.3340e-003	0.00
tblFleetMix	MCY	5.3340e-003	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	7.6100e-004	0.00
tblFleetMix	MH	7.6100e-004	0.00
tblFleetMix	MH	7.6100e-004	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.33

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tblFleetMix	OBUS	2.1150e-003	0.00
tblFleetMix	OBUS	2.1150e-003	0.00
tblFleetMix	OBUS	2.1150e-003	0.00
tblFleetMix	SBUS	6.2300e-004	0.00
tblFleetMix	SBUS	6.2300e-004	0.00
tblFleetMix	SBUS	6.2300e-004	0.00
tblFleetMix	UBUS	1.5540e-003	0.00
tblFleetMix	UBUS	1.5540e-003	0.00
tblFleetMix	UBUS	1.5540e-003	0.00
tblLandUse	LandUseSquareFeet	13,570.00	13,572.00
tblLandUse	LandUseSquareFeet	94,150.00	94,147.00
tblLandUse	LandUseSquareFeet	391,630.00	391,627.00
tblLandUse	LandUseSquareFeet	33,790.00	33,791.00
tblLandUse	LandUseSquareFeet	62,726.40	62,755.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	163
tblVehicleEF	HHD	0.49	0.03
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.10	0.00
tblVehicleEF	HHD	2.56	5.63
tblVehicleEF	HHD	1.00	0.68
tblVehicleEF	HHD	3.70	5.9160e-003
tblVehicleEF	HHD	4,606.33	1,088.79
tblVehicleEF	HHD	1,643.47	1,552.03
tblVehicleEF	HHD	11.51	0.06
tblVehicleEF	HHD	21.11	5.97
tblVehicleEF	HHD	4.02	4.12
tblVehicleEF	HHD	19.48	1.86

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tblVehicleEF	HHD	0.02	8.5660e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0300e-004	1.0000e-006
tblVehicleEF	HHD	0.02	8.1960e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8230e-003	8.8680e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.4000e-005	1.0000e-006
tblVehicleEF	HHD	1.0400e-004	4.0000e-006
tblVehicleEF	HHD	5.6370e-003	1.8500e-004
tblVehicleEF	HHD	0.65	0.43
tblVehicleEF	HHD	6.4000e-005	2.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	4.9200e-004	1.1420e-003
tblVehicleEF	HHD	0.11	3.0000e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7700e-004	1.0000e-006
tblVehicleEF	HHD	1.0400e-004	4.0000e-006
tblVehicleEF	HHD	5.6370e-003	1.8500e-004
tblVehicleEF	HHD	0.76	0.50
tblVehicleEF	HHD	6.4000e-005	2.0000e-006
tblVehicleEF	HHD	0.21	0.21
tblVehicleEF	HHD	4.9200e-004	1.1420e-003
tblVehicleEF	HHD	0.12	3.0000e-006

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tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.09	0.00
tblVehicleEF	HHD	1.86	5.49
tblVehicleEF	HHD	1.01	0.68
tblVehicleEF	HHD	3.40	5.4380e-003
tblVehicleEF	HHD	4,878.22	1,086.60
tblVehicleEF	HHD	1,643.47	1,552.03
tblVehicleEF	HHD	11.51	0.05
tblVehicleEF	HHD	21.79	5.81
tblVehicleEF	HHD	3.87	3.97
tblVehicleEF	HHD	19.45	1.86
tblVehicleEF	HHD	0.02	7.9790e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0300e-004	1.0000e-006
tblVehicleEF	HHD	0.02	7.6330e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8230e-003	8.8680e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.4000e-005	1.0000e-006
tblVehicleEF	HHD	2.3900e-004	1.1000e-005
tblVehicleEF	HHD	6.0710e-003	2.0400e-004
tblVehicleEF	HHD	0.62	0.45
tblVehicleEF	HHD	1.3800e-004	6.0000e-006
tblVehicleEF	HHD	0.14	0.14

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tblVehicleEF	HHD	4.7900e-004	1.1460e-003
tblVehicleEF	HHD	0.11	2.0000e-006
tblVehicleEF	HHD	0.05	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.7200e-004	1.0000e-006
tblVehicleEF	HHD	2.3900e-004	1.1000e-005
tblVehicleEF	HHD	6.0710e-003	2.0400e-004
tblVehicleEF	HHD	0.71	0.52
tblVehicleEF	HHD	1.3800e-004	6.0000e-006
tblVehicleEF	HHD	0.21	0.21
tblVehicleEF	HHD	4.7900e-004	1.1460e-003
tblVehicleEF	HHD	0.12	3.0000e-006
tblVehicleEF	HHD	0.53	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.11	1.0000e-006
tblVehicleEF	HHD	3.52	5.82
tblVehicleEF	HHD	1.00	0.68
tblVehicleEF	HHD	3.97	6.3480e-003
tblVehicleEF	HHD	4,230.85	1,091.80
tblVehicleEF	HHD	1,643.47	1,552.03
tblVehicleEF	HHD	11.51	0.06
tblVehicleEF	HHD	20.18	6.18
tblVehicleEF	HHD	4.08	4.18
tblVehicleEF	HHD	19.50	1.86
tblVehicleEF	HHD	0.02	9.3780e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04

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tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0300e-004	1.0000e-006
tblVehicleEF	HHD	0.02	8.9720e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8230e-003	8.8680e-003
tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	9.4000e-005	1.0000e-006
tblVehicleEF	HHD	5.4000e-005	2.0000e-006
tblVehicleEF	HHD	5.9130e-003	2.1100e-004
tblVehicleEF	HHD	0.71	0.41
tblVehicleEF	HHD	3.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.14	0.14
tblVehicleEF	HHD	5.4600e-004	1.2330e-003
tblVehicleEF	HHD	0.12	3.0000e-006
tblVehicleEF	HHD	0.04	0.01
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.8100e-004	1.0000e-006
tblVehicleEF	HHD	5.4000e-005	2.0000e-006
tblVehicleEF	HHD	5.9130e-003	2.1100e-004
tblVehicleEF	HHD	0.81	0.47
tblVehicleEF	HHD	3.3000e-005	1.0000e-006
tblVehicleEF	HHD	0.21	0.21
tblVehicleEF	HHD	5.4600e-004	1.2330e-003
tblVehicleEF	HHD	0.13	3.0000e-006
tblVehicleEF	LDA	4.1020e-003	2.6060e-003
tblVehicleEF	LDA	6.2620e-003	0.06
tblVehicleEF	LDA	0.57	0.66

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tblVehicleEF	LDA	1.33	2.29
tblVehicleEF	LDA	254.67	257.27
tblVehicleEF	LDA	59.39	54.50
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.08	0.20
tblVehicleEF	LDA	1.6890e-003	1.4920e-003
tblVehicleEF	LDA	2.2650e-003	1.8990e-003
tblVehicleEF	LDA	1.5560e-003	1.3750e-003
tblVehicleEF	LDA	2.0820e-003	1.7460e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.08	0.26
tblVehicleEF	LDA	2.5500e-003	2.5450e-003
tblVehicleEF	LDA	6.1600e-004	5.3900e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.09	0.28
tblVehicleEF	LDA	4.5670e-003	2.9390e-003
tblVehicleEF	LDA	5.1860e-003	0.05
tblVehicleEF	LDA	0.67	0.78
tblVehicleEF	LDA	1.05	1.80

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tblVehicleEF	LDA	274.58	276.95
tblVehicleEF	LDA	59.39	53.58
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.07	0.18
tblVehicleEF	LDA	1.6890e-003	1.4920e-003
tblVehicleEF	LDA	2.2650e-003	1.8990e-003
tblVehicleEF	LDA	1.5560e-003	1.3750e-003
tblVehicleEF	LDA	2.0820e-003	1.7460e-003
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.21
tblVehicleEF	LDA	0.07	0.21
tblVehicleEF	LDA	2.7510e-003	2.7400e-003
tblVehicleEF	LDA	6.1200e-004	5.3000e-004
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.12	0.12
tblVehicleEF	LDA	0.06	0.08
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.04	0.21
tblVehicleEF	LDA	0.08	0.23
tblVehicleEF	LDA	3.9950e-003	2.5070e-003
tblVehicleEF	LDA	7.0990e-003	0.06
tblVehicleEF	LDA	0.56	0.65
tblVehicleEF	LDA	1.55	2.69
tblVehicleEF	LDA	251.39	254.04



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tblVehicleEF	LDA	59.39	55.24
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.09	0.22
tblVehicleEF	LDA	1.6890e-003	1.4920e-003
tblVehicleEF	LDA	2.2650e-003	1.8990e-003
tblVehicleEF	LDA	1.5560e-003	1.3750e-003
tblVehicleEF	LDA	2.0820e-003	1.7460e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.26
tblVehicleEF	LDA	0.10	0.29
tblVehicleEF	LDA	2.5170e-003	2.5130e-003
tblVehicleEF	LDA	6.2000e-004	5.4700e-004
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.11	0.11
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.05	0.26
tblVehicleEF	LDA	0.10	0.32
tblVehicleEF	LDT1	0.01	5.6210e-003
tblVehicleEF	LDT1	0.01	0.08
tblVehicleEF	LDT1	1.23	1.19
tblVehicleEF	LDT1	2.89	2.52
tblVehicleEF	LDT1	312.93	305.87
tblVehicleEF	LDT1	72.25	65.70

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tblVehicleEF	LDT1	0.12	0.11
tblVehicleEF	LDT1	0.16	0.27
tblVehicleEF	LDT1	2.3880e-003	2.0630e-003
tblVehicleEF	LDT1	3.1640e-003	2.5760e-003
tblVehicleEF	LDT1	2.1990e-003	1.8990e-003
tblVehicleEF	LDT1	2.9100e-003	2.3690e-003
tblVehicleEF	LDT1	0.09	0.10
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.03	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.20	0.38
tblVehicleEF	LDT1	3.1440e-003	3.0270e-003
tblVehicleEF	LDT1	7.7300e-004	6.5000e-004
tblVehicleEF	LDT1	0.09	0.10
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.07	0.08
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.21	0.42
tblVehicleEF	LDT1	0.01	6.2670e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.42	1.38
tblVehicleEF	LDT1	2.27	1.97
tblVehicleEF	LDT1	336.30	326.14
tblVehicleEF	LDT1	72.25	64.61
tblVehicleEF	LDT1	0.11	0.09

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tblVehicleEF	LDT1	0.14	0.24
tblVehicleEF	LDT1	2.3880e-003	2.0630e-003
tblVehicleEF	LDT1	3.1640e-003	2.5760e-003
tblVehicleEF	LDT1	2.1990e-003	1.8990e-003
tblVehicleEF	LDT1	2.9100e-003	2.3690e-003
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.15	0.00
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.15	0.63
tblVehicleEF	LDT1	0.16	0.31
tblVehicleEF	LDT1	3.3800e-003	3.2270e-003
tblVehicleEF	LDT1	7.6200e-004	6.3900e-004
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.27	0.22
tblVehicleEF	LDT1	0.15	0.16
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.15	0.63
tblVehicleEF	LDT1	0.18	0.34
tblVehicleEF	LDT1	9.8780e-003	5.4410e-003
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.21	1.17
tblVehicleEF	LDT1	3.40	2.96
tblVehicleEF	LDT1	309.08	302.55
tblVehicleEF	LDT1	72.25	66.57
tblVehicleEF	LDT1	0.14	0.12
tblVehicleEF	LDT1	0.18	0.29

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tblVehicleEF	LDT1	2.3880e-003	2.0630e-003
tblVehicleEF	LDT1	3.1640e-003	2.5760e-003
tblVehicleEF	LDT1	2.1990e-003	1.8990e-003
tblVehicleEF	LDT1	2.9100e-003	2.3690e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.26	0.20
tblVehicleEF	LDT1	0.04	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.20	0.83
tblVehicleEF	LDT1	0.22	0.43
tblVehicleEF	LDT1	3.1050e-003	2.9940e-003
tblVehicleEF	LDT1	7.8200e-004	6.5900e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.26	0.20
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.20	0.83
tblVehicleEF	LDT1	0.24	0.47
tblVehicleEF	LDT2	5.9280e-003	4.0150e-003
tblVehicleEF	LDT2	8.2010e-003	0.08
tblVehicleEF	LDT2	0.77	0.92
tblVehicleEF	LDT2	1.72	2.97
tblVehicleEF	LDT2	357.28	335.42
tblVehicleEF	LDT2	82.63	72.55
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.14	0.32
tblVehicleEF	LDT2	1.6320e-003	1.4900e-003

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tblVehicleEF	LDT2	2.2340e-003	1.8610e-003
tblVehicleEF	LDT2	1.5010e-003	1.3720e-003
tblVehicleEF	LDT2	2.0540e-003	1.7120e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.36
tblVehicleEF	LDT2	3.5790e-003	3.3180e-003
tblVehicleEF	LDT2	8.5600e-004	7.1800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.12	0.13
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.40
tblVehicleEF	LDT2	6.5840e-003	4.5100e-003
tblVehicleEF	LDT2	6.7950e-003	0.06
tblVehicleEF	LDT2	0.91	1.08
tblVehicleEF	LDT2	1.36	2.33
tblVehicleEF	LDT2	384.48	355.68
tblVehicleEF	LDT2	82.63	71.34
tblVehicleEF	LDT2	0.08	0.08
tblVehicleEF	LDT2	0.13	0.29
tblVehicleEF	LDT2	1.6320e-003	1.4900e-003
tblVehicleEF	LDT2	2.2340e-003	1.8610e-003

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tblVehicleEF	LDT2	1.5010e-003	1.3720e-003
tblVehicleEF	LDT2	2.0540e-003	1.7120e-003
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.09	0.30
tblVehicleEF	LDT2	3.8520e-003	3.5190e-003
tblVehicleEF	LDT2	8.4900e-004	7.0600e-004
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.41
tblVehicleEF	LDT2	0.10	0.33
tblVehicleEF	LDT2	5.7750e-003	3.8670e-003
tblVehicleEF	LDT2	9.2910e-003	0.09
tblVehicleEF	LDT2	0.76	0.90
tblVehicleEF	LDT2	2.02	3.48
tblVehicleEF	LDT2	352.80	332.09
tblVehicleEF	LDT2	82.63	73.53
tblVehicleEF	LDT2	0.09	0.09
tblVehicleEF	LDT2	0.15	0.35
tblVehicleEF	LDT2	1.6320e-003	1.4900e-003
tblVehicleEF	LDT2	2.2340e-003	1.8610e-003
tblVehicleEF	LDT2	1.5010e-003	1.3720e-003

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tblVehicleEF	LDT2	2.0540e-003	1.7120e-003
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.09	0.53
tblVehicleEF	LDT2	0.13	0.41
tblVehicleEF	LDT2	3.5340e-003	3.2850e-003
tblVehicleEF	LDT2	8.6100e-004	7.2800e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.09	0.53
tblVehicleEF	LDT2	0.14	0.45
tblVehicleEF	LHD1	5.9570e-003	5.5240e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.20	0.92
tblVehicleEF	LHD1	2.95	1.18
tblVehicleEF	LHD1	8.98	9.08
tblVehicleEF	LHD1	704.65	823.31
tblVehicleEF	LHD1	33.88	12.42
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.31	0.93
tblVehicleEF	LHD1	1.09	0.36

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tblVehicleEF	LHD1	8.6000e-004	7.8900e-004
tblVehicleEF	LHD1	9.9630e-003	9.6690e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0630e-003	2.8300e-004
tblVehicleEF	LHD1	8.2300e-004	7.5500e-004
tblVehicleEF	LHD1	2.4910e-003	2.4170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.7800e-004	2.6000e-004
tblVehicleEF	LHD1	2.8190e-003	2.2740e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.4030e-003	1.1320e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.33	0.58
tblVehicleEF	LHD1	0.30	0.09
tblVehicleEF	LHD1	9.0000e-005	8.8000e-005
tblVehicleEF	LHD1	6.9280e-003	8.0450e-003
tblVehicleEF	LHD1	3.9500e-004	1.2300e-004
tblVehicleEF	LHD1	2.8190e-003	2.2740e-003
tblVehicleEF	LHD1	0.11	0.08
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.4030e-003	1.1320e-003
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.33	0.58
tblVehicleEF	LHD1	0.33	0.10
tblVehicleEF	LHD1	5.9570e-003	5.5400e-003
tblVehicleEF	LHD1	0.02	0.01



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tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.22	0.94
tblVehicleEF	LHD1	2.73	1.09
tblVehicleEF	LHD1	8.98	9.08
tblVehicleEF	LHD1	704.65	823.35
tblVehicleEF	LHD1	33.88	12.27
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.25	0.89
tblVehicleEF	LHD1	1.02	0.33
tblVehicleEF	LHD1	8.6000e-004	7.8900e-004
tblVehicleEF	LHD1	9.9630e-003	9.6690e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0630e-003	2.8300e-004
tblVehicleEF	LHD1	8.2300e-004	7.5500e-004
tblVehicleEF	LHD1	2.4910e-003	2.4170e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.7800e-004	2.6000e-004
tblVehicleEF	LHD1	6.3880e-003	5.1730e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.9310e-003	2.3820e-003
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.32	0.56
tblVehicleEF	LHD1	0.29	0.08
tblVehicleEF	LHD1	9.0000e-005	8.8000e-005
tblVehicleEF	LHD1	6.9280e-003	8.0460e-003

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tblVehicleEF	LHD1	3.9100e-004	1.2100e-004
tblVehicleEF	LHD1	6.3880e-003	5.1730e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.9310e-003	2.3820e-003
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.32	0.56
tblVehicleEF	LHD1	0.31	0.09
tblVehicleEF	LHD1	5.9570e-003	5.5110e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.15	0.19
tblVehicleEF	LHD1	1.17	0.90
tblVehicleEF	LHD1	3.17	1.26
tblVehicleEF	LHD1	8.98	9.08
tblVehicleEF	LHD1	704.65	823.28
tblVehicleEF	LHD1	33.88	12.56
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.34	0.95
tblVehicleEF	LHD1	1.15	0.38
tblVehicleEF	LHD1	8.6000e-004	7.8900e-004
tblVehicleEF	LHD1	9.9630e-003	9.6690e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.0630e-003	2.8300e-004
tblVehicleEF	LHD1	8.2300e-004	7.5500e-004
tblVehicleEF	LHD1	2.4910e-003	2.4170e-003
tblVehicleEF	LHD1	0.01	0.01

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tblVehicleEF	LHD1	9.7800e-004	2.6000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1330e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.3200e-004	5.8600e-004
tblVehicleEF	LHD1	0.13	0.10
tblVehicleEF	LHD1	0.37	0.65
tblVehicleEF	LHD1	0.32	0.09
tblVehicleEF	LHD1	9.0000e-005	8.8000e-005
tblVehicleEF	LHD1	6.9270e-003	8.0450e-003
tblVehicleEF	LHD1	3.9900e-004	1.2400e-004
tblVehicleEF	LHD1	1.4130e-003	1.1330e-003
tblVehicleEF	LHD1	0.12	0.09
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	7.3200e-004	5.8600e-004
tblVehicleEF	LHD1	0.16	0.13
tblVehicleEF	LHD1	0.37	0.65
tblVehicleEF	LHD1	0.35	0.10
tblVehicleEF	LHD2	3.8320e-003	3.4180e-003
tblVehicleEF	LHD2	9.2950e-003	8.1220e-003
tblVehicleEF	LHD2	8.8580e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.71
tblVehicleEF	LHD2	1.37	0.71
tblVehicleEF	LHD2	14.07	14.19
tblVehicleEF	LHD2	720.29	796.11
tblVehicleEF	LHD2	25.14	8.35

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tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.95	1.13
tblVehicleEF	LHD2	0.53	0.21
tblVehicleEF	LHD2	1.2990e-003	1.3930e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7100e-004	1.5100e-004
tblVehicleEF	LHD2	1.2430e-003	1.3330e-003
tblVehicleEF	LHD2	2.6810e-003	2.6760e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.3300e-004	1.3800e-004
tblVehicleEF	LHD2	9.9400e-004	1.2620e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.0900e-004	6.1900e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.09	0.34
tblVehicleEF	LHD2	0.12	0.05
tblVehicleEF	LHD2	1.3700e-004	1.3600e-004
tblVehicleEF	LHD2	7.0090e-003	7.6920e-003
tblVehicleEF	LHD2	2.7600e-004	8.3000e-005
tblVehicleEF	LHD2	9.9400e-004	1.2620e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.0900e-004	6.1900e-004
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.09	0.34

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tblVehicleEF	LHD2	0.13	0.06
tblVehicleEF	LHD2	3.8320e-003	3.4270e-003
tblVehicleEF	LHD2	9.4580e-003	8.2310e-003
tblVehicleEF	LHD2	8.3680e-003	9.5450e-003
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.64	0.72
tblVehicleEF	LHD2	1.27	0.66
tblVehicleEF	LHD2	14.07	14.19
tblVehicleEF	LHD2	720.29	796.12
tblVehicleEF	LHD2	25.14	8.26
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.91	1.08
tblVehicleEF	LHD2	0.50	0.19
tblVehicleEF	LHD2	1.2990e-003	1.3930e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7100e-004	1.5100e-004
tblVehicleEF	LHD2	1.2430e-003	1.3330e-003
tblVehicleEF	LHD2	2.6810e-003	2.6760e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.3300e-004	1.3800e-004
tblVehicleEF	LHD2	2.2540e-003	2.8810e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0660e-003	1.3090e-003
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.09	0.33

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tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	1.3700e-004	1.3600e-004
tblVehicleEF	LHD2	7.0090e-003	7.6920e-003
tblVehicleEF	LHD2	2.7500e-004	8.2000e-005
tblVehicleEF	LHD2	2.2540e-003	2.8810e-003
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0660e-003	1.3090e-003
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.09	0.33
tblVehicleEF	LHD2	0.12	0.05
tblVehicleEF	LHD2	3.8320e-003	3.4110e-003
tblVehicleEF	LHD2	9.1660e-003	8.0350e-003
tblVehicleEF	LHD2	9.2820e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.63	0.70
tblVehicleEF	LHD2	1.47	0.76
tblVehicleEF	LHD2	14.07	14.19
tblVehicleEF	LHD2	720.29	796.09
tblVehicleEF	LHD2	25.14	8.44
tblVehicleEF	LHD2	0.11	0.11
tblVehicleEF	LHD2	0.97	1.15
tblVehicleEF	LHD2	0.56	0.22
tblVehicleEF	LHD2	1.2990e-003	1.3930e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	4.7100e-004	1.5100e-004

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tblVehicleEF	LHD2	1.2430e-003	1.3330e-003
tblVehicleEF	LHD2	2.6810e-003	2.6760e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.3300e-004	1.3800e-004
tblVehicleEF	LHD2	5.0200e-004	6.3200e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	2.6700e-004	3.2300e-004
tblVehicleEF	LHD2	0.11	0.12
tblVehicleEF	LHD2	0.10	0.38
tblVehicleEF	LHD2	0.13	0.05
tblVehicleEF	LHD2	1.3700e-004	1.3600e-004
tblVehicleEF	LHD2	7.0090e-003	7.6920e-003
tblVehicleEF	LHD2	2.7800e-004	8.4000e-005
tblVehicleEF	LHD2	5.0200e-004	6.3200e-004
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.6700e-004	3.2300e-004
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.10	0.38
tblVehicleEF	LHD2	0.14	0.06
tblVehicleEF	MCY	0.44	0.33
tblVehicleEF	MCY	0.16	0.26
tblVehicleEF	MCY	19.41	19.56
tblVehicleEF	MCY	10.14	8.98
tblVehicleEF	MCY	168.73	210.39
tblVehicleEF	MCY	45.97	61.76

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tblVehicleEF	MCY	1.15	1.15
tblVehicleEF	MCY	0.32	0.27
tblVehicleEF	MCY	1.9370e-003	1.8930e-003
tblVehicleEF	MCY	3.9880e-003	3.2130e-003
tblVehicleEF	MCY	1.8140e-003	1.7720e-003
tblVehicleEF	MCY	3.7640e-003	3.0300e-003
tblVehicleEF	MCY	0.91	0.91
tblVehicleEF	MCY	0.73	0.72
tblVehicleEF	MCY	0.50	0.50
tblVehicleEF	MCY	2.24	2.25
tblVehicleEF	MCY	0.63	2.13
tblVehicleEF	MCY	2.23	1.97
tblVehicleEF	MCY	2.0700e-003	2.0820e-003
tblVehicleEF	MCY	6.9100e-004	6.1100e-004
tblVehicleEF	MCY	0.91	0.91
tblVehicleEF	MCY	0.73	0.72
tblVehicleEF	MCY	0.50	0.50
tblVehicleEF	MCY	2.77	2.77
tblVehicleEF	MCY	0.63	2.13
tblVehicleEF	MCY	2.43	2.14
tblVehicleEF	MCY	0.43	0.32
tblVehicleEF	MCY	0.14	0.22
tblVehicleEF	MCY	18.69	18.84
tblVehicleEF	MCY	8.94	7.86
tblVehicleEF	MCY	168.73	208.94
tblVehicleEF	MCY	45.97	58.88
tblVehicleEF	MCY	1.02	1.02



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tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	1.9370e-003	1.8930e-003
tblVehicleEF	MCY	3.9880e-003	3.2130e-003
tblVehicleEF	MCY	1.8140e-003	1.7720e-003
tblVehicleEF	MCY	3.7640e-003	3.0300e-003
tblVehicleEF	MCY	2.35	2.34
tblVehicleEF	MCY	0.95	0.95
tblVehicleEF	MCY	1.36	1.35
tblVehicleEF	MCY	2.16	2.17
tblVehicleEF	MCY	0.59	2.00
tblVehicleEF	MCY	1.87	1.63
tblVehicleEF	MCY	2.0560e-003	2.0680e-003
tblVehicleEF	MCY	6.6100e-004	5.8300e-004
tblVehicleEF	MCY	2.35	2.34
tblVehicleEF	MCY	0.95	0.95
tblVehicleEF	MCY	1.36	1.35
tblVehicleEF	MCY	2.67	2.67
tblVehicleEF	MCY	0.59	2.00
tblVehicleEF	MCY	2.03	1.78
tblVehicleEF	MCY	0.46	0.34
tblVehicleEF	MCY	0.19	0.30
tblVehicleEF	MCY	20.95	21.12
tblVehicleEF	MCY	11.55	10.28
tblVehicleEF	MCY	168.73	213.22
tblVehicleEF	MCY	45.97	64.91
tblVehicleEF	MCY	1.24	1.24
tblVehicleEF	MCY	0.34	0.29

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tblVehicleEF	MCY	1.9370e-003	1.8930e-003
tblVehicleEF	MCY	3.9880e-003	3.2130e-003
tblVehicleEF	MCY	1.8140e-003	1.7720e-003
tblVehicleEF	MCY	3.7640e-003	3.0300e-003
tblVehicleEF	MCY	0.40	0.40
tblVehicleEF	MCY	0.88	0.86
tblVehicleEF	MCY	0.19	0.19
tblVehicleEF	MCY	2.34	2.35
tblVehicleEF	MCY	0.75	2.53
tblVehicleEF	MCY	2.59	2.30
tblVehicleEF	MCY	2.0980e-003	2.1100e-003
tblVehicleEF	MCY	7.2500e-004	6.4200e-004
tblVehicleEF	MCY	0.40	0.40
tblVehicleEF	MCY	0.88	0.86
tblVehicleEF	MCY	0.19	0.19
tblVehicleEF	MCY	2.88	2.89
tblVehicleEF	MCY	0.75	2.53
tblVehicleEF	MCY	2.81	2.50
tblVehicleEF	MDV	0.01	5.3420e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.32	1.10
tblVehicleEF	MDV	3.27	3.49
tblVehicleEF	MDV	473.55	406.59
tblVehicleEF	MDV	107.62	87.26
tblVehicleEF	MDV	0.16	0.12
tblVehicleEF	MDV	0.29	0.40
tblVehicleEF	MDV	1.8700e-003	1.6810e-003

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tblVehicleEF	MDV	2.5800e-003	2.1330e-003
tblVehicleEF	MDV	1.7250e-003	1.5510e-003
tblVehicleEF	MDV	2.3740e-003	1.9630e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.48
tblVehicleEF	MDV	0.25	0.47
tblVehicleEF	MDV	4.7450e-003	4.0190e-003
tblVehicleEF	MDV	1.1340e-003	8.6400e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.18	0.15
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.11	0.48
tblVehicleEF	MDV	0.28	0.51
tblVehicleEF	MDV	0.01	5.9460e-003
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	1.52	1.27
tblVehicleEF	MDV	2.59	2.74
tblVehicleEF	MDV	508.67	427.55
tblVehicleEF	MDV	107.62	85.80
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.26	0.35
tblVehicleEF	MDV	1.8700e-003	1.6810e-003
tblVehicleEF	MDV	2.5800e-003	2.1330e-003

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MDV	1.7250e-003	1.5510e-003
tblVehicleEF	MDV	2.3740e-003	1.9630e-003
tblVehicleEF	MDV	0.14	0.17
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.12	0.14
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.10	0.44
tblVehicleEF	MDV	0.21	0.39
tblVehicleEF	MDV	5.0990e-003	4.2270e-003
tblVehicleEF	MDV	1.1220e-003	8.4900e-004
tblVehicleEF	MDV	0.14	0.17
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.12	0.14
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.10	0.44
tblVehicleEF	MDV	0.23	0.43
tblVehicleEF	MDV	0.01	5.1890e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.31	1.09
tblVehicleEF	MDV	3.82	4.10
tblVehicleEF	MDV	467.76	403.17
tblVehicleEF	MDV	107.62	88.44
tblVehicleEF	MDV	0.18	0.13
tblVehicleEF	MDV	0.32	0.43
tblVehicleEF	MDV	1.8700e-003	1.6810e-003
tblVehicleEF	MDV	2.5800e-003	2.1330e-003
tblVehicleEF	MDV	1.7250e-003	1.5510e-003

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MDV	2.3740e-003	1.9630e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.18	0.16
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.29	0.53
tblVehicleEF	MDV	4.6870e-003	3.9860e-003
tblVehicleEF	MDV	1.1440e-003	8.7500e-004
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.18	0.16
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.13	0.57
tblVehicleEF	MDV	0.32	0.58
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	2.90	1.62
tblVehicleEF	MH	6.68	2.37
tblVehicleEF	MH	1,223.22	1,583.82
tblVehicleEF	MH	59.88	19.77
tblVehicleEF	MH	1.49	1.51
tblVehicleEF	MH	0.92	0.25
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2930e-003	3.1000e-004
tblVehicleEF	MH	3.2150e-003	3.2650e-003

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1890e-003	2.8500e-004
tblVehicleEF	MH	0.98	0.87
tblVehicleEF	MH	0.08	0.07
tblVehicleEF	MH	0.33	0.29
tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.02	1.76
tblVehicleEF	MH	0.38	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.1500e-004	1.9600e-004
tblVehicleEF	MH	0.98	0.87
tblVehicleEF	MH	0.08	0.07
tblVehicleEF	MH	0.33	0.29
tblVehicleEF	MH	0.17	0.12
tblVehicleEF	MH	0.02	1.76
tblVehicleEF	MH	0.42	0.12
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.03	1.69
tblVehicleEF	MH	6.05	2.16
tblVehicleEF	MH	1,223.22	1,583.94
tblVehicleEF	MH	59.88	19.41
tblVehicleEF	MH	1.40	1.42
tblVehicleEF	MH	0.86	0.23
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.2930e-003	3.1000e-004

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MH	3.2150e-003	3.2650e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1890e-003	2.8500e-004
tblVehicleEF	MH	2.22	1.97
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.71	0.62
tblVehicleEF	MH	0.13	0.09
tblVehicleEF	MH	0.02	1.71
tblVehicleEF	MH	0.36	0.10
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.0400e-004	1.9200e-004
tblVehicleEF	MH	2.22	1.97
tblVehicleEF	MH	0.09	0.08
tblVehicleEF	MH	0.71	0.62
tblVehicleEF	MH	0.18	0.12
tblVehicleEF	MH	0.02	1.71
tblVehicleEF	MH	0.39	0.11
tblVehicleEF	MH	0.04	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	2.80	1.58
tblVehicleEF	MH	7.29	2.56
tblVehicleEF	MH	1,223.22	1,583.74
tblVehicleEF	MH	59.88	20.10
tblVehicleEF	MH	1.54	1.55
tblVehicleEF	MH	0.97	0.26
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MH	1.2930e-003	3.1000e-004
tblVehicleEF	MH	3.2150e-003	3.2650e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.1890e-003	2.8500e-004
tblVehicleEF	MH	0.48	0.43
tblVehicleEF	MH	0.10	0.09
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	0.12	0.09
tblVehicleEF	MH	0.03	1.89
tblVehicleEF	MH	0.41	0.11
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2600e-004	1.9900e-004
tblVehicleEF	MH	0.48	0.43
tblVehicleEF	MH	0.10	0.09
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	0.17	0.12
tblVehicleEF	MH	0.03	1.89
tblVehicleEF	MH	0.45	0.12
tblVehicleEF	MHD	0.02	3.3710e-003
tblVehicleEF	MHD	6.6980e-003	0.01
tblVehicleEF	MHD	0.06	9.5540e-003
tblVehicleEF	MHD	0.40	0.37
tblVehicleEF	MHD	0.47	0.76
tblVehicleEF	MHD	7.25	1.20
tblVehicleEF	MHD	136.73	77.13
tblVehicleEF	MHD	1,206.00	1,160.41
tblVehicleEF	MHD	62.24	9.11



## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MHD	0.58	0.67
tblVehicleEF	MHD	1.63	2.89
tblVehicleEF	MHD	10.30	1.17
tblVehicleEF	MHD	8.2700e-004	2.1340e-003
tblVehicleEF	MHD	7.2180e-003	0.07
tblVehicleEF	MHD	9.9100e-004	1.2300e-004
tblVehicleEF	MHD	7.9100e-004	2.0410e-003
tblVehicleEF	MHD	6.8990e-003	0.07
tblVehicleEF	MHD	9.1100e-004	1.1300e-004
tblVehicleEF	MHD	1.0740e-003	4.8800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.3000e-004	2.3700e-004
tblVehicleEF	MHD	0.06	0.19
tblVehicleEF	MHD	0.03	0.13
tblVehicleEF	MHD	0.43	0.05
tblVehicleEF	MHD	1.3170e-003	7.3100e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.4900e-004	9.0000e-005
tblVehicleEF	MHD	1.0740e-003	4.8800e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.3000e-004	2.3700e-004
tblVehicleEF	MHD	0.08	0.22
tblVehicleEF	MHD	0.03	0.13
tblVehicleEF	MHD	0.47	0.06
tblVehicleEF	MHD	0.02	3.1690e-003

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tblVehicleEF	MHD	6.8520e-003	0.01
tblVehicleEF	MHD	0.05	8.9940e-003
tblVehicleEF	MHD	0.28	0.30
tblVehicleEF	MHD	0.48	0.77
tblVehicleEF	MHD	6.66	1.11
tblVehicleEF	MHD	144.99	78.59
tblVehicleEF	MHD	1,206.00	1,160.42
tblVehicleEF	MHD	62.24	8.94
tblVehicleEF	MHD	0.59	0.68
tblVehicleEF	MHD	1.56	2.77
tblVehicleEF	MHD	10.24	1.16
tblVehicleEF	MHD	6.9700e-004	1.8020e-003
tblVehicleEF	MHD	7.2180e-003	0.07
tblVehicleEF	MHD	9.9100e-004	1.2300e-004
tblVehicleEF	MHD	6.6700e-004	1.7240e-003
tblVehicleEF	MHD	6.8990e-003	0.07
tblVehicleEF	MHD	9.1100e-004	1.1300e-004
tblVehicleEF	MHD	2.5110e-003	1.1470e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.1770e-003	5.3000e-004
tblVehicleEF	MHD	0.06	0.19
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.40	0.05
tblVehicleEF	MHD	1.3950e-003	7.4500e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.3900e-004	8.9000e-005

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	MHD	2.5110e-003	1.1470e-003
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.1770e-003	5.3000e-004
tblVehicleEF	MHD	0.08	0.22
tblVehicleEF	MHD	0.02	0.12
tblVehicleEF	MHD	0.44	0.05
tblVehicleEF	MHD	0.02	3.5760e-003
tblVehicleEF	MHD	6.5800e-003	0.01
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.53	0.45
tblVehicleEF	MHD	0.46	0.75
tblVehicleEF	MHD	7.79	1.29
tblVehicleEF	MHD	125.70	75.23
tblVehicleEF	MHD	1,206.00	1,160.39
tblVehicleEF	MHD	62.24	9.26
tblVehicleEF	MHD	0.55	0.66
tblVehicleEF	MHD	1.66	2.94
tblVehicleEF	MHD	10.36	1.17
tblVehicleEF	MHD	1.0060e-003	2.5930e-003
tblVehicleEF	MHD	7.2180e-003	0.07
tblVehicleEF	MHD	9.9100e-004	1.2300e-004
tblVehicleEF	MHD	9.6300e-004	2.4800e-003
tblVehicleEF	MHD	6.8990e-003	0.07
tblVehicleEF	MHD	9.1100e-004	1.1300e-004
tblVehicleEF	MHD	5.2400e-004	2.3700e-004
tblVehicleEF	MHD	0.05	0.02

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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	2.6600e-004	1.1800e-004
tblVehicleEF	MHD	0.06	0.19
tblVehicleEF	MHD	0.03	0.14
tblVehicleEF	MHD	0.45	0.06
tblVehicleEF	MHD	1.2130e-003	7.1300e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.5800e-004	9.2000e-005
tblVehicleEF	MHD	5.2400e-004	2.3700e-004
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.6600e-004	1.1800e-004
tblVehicleEF	MHD	0.07	0.22
tblVehicleEF	MHD	0.03	0.14
tblVehicleEF	MHD	0.50	0.06
tblVehicleEF	OBUS	0.01	7.4560e-003
tblVehicleEF	OBUS	9.3020e-003	8.2760e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.28	0.57
tblVehicleEF	OBUS	0.58	0.77
tblVehicleEF	OBUS	5.50	1.97
tblVehicleEF	OBUS	110.36	98.57
tblVehicleEF	OBUS	1,314.27	1,386.54
tblVehicleEF	OBUS	67.24	15.72
tblVehicleEF	OBUS	0.58	0.61
tblVehicleEF	OBUS	1.90	2.07
tblVehicleEF	OBUS	2.86	0.95

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tblVehicleEF	OBUS	2.0100e-004	2.1490e-003
tblVehicleEF	OBUS	8.9640e-003	0.03
tblVehicleEF	OBUS	7.5500e-004	1.3500e-004
tblVehicleEF	OBUS	1.9200e-004	2.0560e-003
tblVehicleEF	OBUS	8.5580e-003	0.03
tblVehicleEF	OBUS	6.9400e-004	1.2400e-004
tblVehicleEF	OBUS	1.1920e-003	1.0870e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	5.1400e-004	4.7200e-004
tblVehicleEF	OBUS	0.08	0.10
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.35	0.09
tblVehicleEF	OBUS	1.0650e-003	9.3600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6900e-004	1.5600e-004
tblVehicleEF	OBUS	1.1920e-003	1.0870e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	5.1400e-004	4.7200e-004
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.38	0.10
tblVehicleEF	OBUS	0.01	7.4820e-003
tblVehicleEF	OBUS	9.5280e-003	8.4350e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.27	0.54

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	OBUS	0.60	0.78
tblVehicleEF	OBUS	5.02	1.79
tblVehicleEF	OBUS	115.93	99.03
tblVehicleEF	OBUS	1,314.27	1,386.57
tblVehicleEF	OBUS	67.24	15.42
tblVehicleEF	OBUS	0.60	0.61
tblVehicleEF	OBUS	1.82	1.98
tblVehicleEF	OBUS	2.80	0.94
tblVehicleEF	OBUS	1.6900e-004	1.8170e-003
tblVehicleEF	OBUS	8.9640e-003	0.03
tblVehicleEF	OBUS	7.5500e-004	1.3500e-004
tblVehicleEF	OBUS	1.6200e-004	1.7380e-003
tblVehicleEF	OBUS	8.5580e-003	0.03
tblVehicleEF	OBUS	6.9400e-004	1.2400e-004
tblVehicleEF	OBUS	2.6670e-003	2.4110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.0870e-003	9.8400e-004
tblVehicleEF	OBUS	0.08	0.10
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.32	0.09
tblVehicleEF	OBUS	1.1180e-003	9.4100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.6100e-004	1.5300e-004
tblVehicleEF	OBUS	2.6670e-003	2.4110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07

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tblVehicleEF	OBUS	1.0870e-003	9.8400e-004
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.03	0.17
tblVehicleEF	OBUS	0.35	0.10
tblVehicleEF	OBUS	0.01	7.4320e-003
tblVehicleEF	OBUS	9.1270e-003	8.1530e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.30	0.60
tblVehicleEF	OBUS	0.57	0.75
tblVehicleEF	OBUS	5.94	2.13
tblVehicleEF	OBUS	102.66	97.94
tblVehicleEF	OBUS	1,314.27	1,386.52
tblVehicleEF	OBUS	67.24	15.98
tblVehicleEF	OBUS	0.56	0.62
tblVehicleEF	OBUS	1.94	2.11
tblVehicleEF	OBUS	2.92	0.96
tblVehicleEF	OBUS	2.4400e-004	2.6080e-003
tblVehicleEF	OBUS	8.9640e-003	0.03
tblVehicleEF	OBUS	7.5500e-004	1.3500e-004
tblVehicleEF	OBUS	2.3400e-004	2.4950e-003
tblVehicleEF	OBUS	8.5580e-003	0.03
tblVehicleEF	OBUS	6.9400e-004	1.2400e-004
tblVehicleEF	OBUS	6.3700e-004	5.8800e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	2.9000e-004	2.6800e-004
tblVehicleEF	OBUS	0.07	0.10

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	OBUS	0.03	0.19
tblVehicleEF	OBUS	0.36	0.10
tblVehicleEF	OBUS	9.9100e-004	9.3000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7600e-004	1.5800e-004
tblVehicleEF	OBUS	6.3700e-004	5.8800e-004
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	2.9000e-004	2.6800e-004
tblVehicleEF	OBUS	0.09	0.12
tblVehicleEF	OBUS	0.03	0.19
tblVehicleEF	OBUS	0.40	0.11
tblVehicleEF	SBUS	0.86	0.05
tblVehicleEF	SBUS	0.02	6.8250e-003
tblVehicleEF	SBUS	0.09	4.3890e-003
tblVehicleEF	SBUS	8.04	1.99
tblVehicleEF	SBUS	1.25	0.56
tblVehicleEF	SBUS	10.59	0.66
tblVehicleEF	SBUS	1,134.67	347.43
tblVehicleEF	SBUS	1,066.60	1,081.24
tblVehicleEF	SBUS	54.09	3.67
tblVehicleEF	SBUS	9.77	3.69
tblVehicleEF	SBUS	4.41	5.30
tblVehicleEF	SBUS	12.56	0.73
tblVehicleEF	SBUS	0.01	4.5040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03



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tblVehicleEF	SBUS	8.6500e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	4.3090e-003
tblVehicleEF	SBUS	2.6420e-003	2.7440e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	7.9500e-004	3.7000e-005
tblVehicleEF	SBUS	3.7040e-003	4.6600e-004
tblVehicleEF	SBUS	0.04	4.4900e-003
tblVehicleEF	SBUS	0.97	0.22
tblVehicleEF	SBUS	1.4870e-003	1.8600e-004
tblVehicleEF	SBUS	0.13	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.53	0.03
tblVehicleEF	SBUS	0.01	3.3040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2400e-004	3.6000e-005
tblVehicleEF	SBUS	3.7040e-003	4.6600e-004
tblVehicleEF	SBUS	0.04	4.4900e-003
tblVehicleEF	SBUS	1.39	0.31
tblVehicleEF	SBUS	1.4870e-003	1.8600e-004
tblVehicleEF	SBUS	0.16	0.11
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.58	0.03
tblVehicleEF	SBUS	0.86	0.05
tblVehicleEF	SBUS	0.02	6.9320e-003
tblVehicleEF	SBUS	0.08	3.6890e-003
tblVehicleEF	SBUS	7.91	1.94
tblVehicleEF	SBUS	1.28	0.57

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tblVehicleEF	SBUS	7.78	0.48
tblVehicleEF	SBUS	1,186.23	357.77
tblVehicleEF	SBUS	1,066.60	1,081.26
tblVehicleEF	SBUS	54.09	3.38
tblVehicleEF	SBUS	10.08	3.78
tblVehicleEF	SBUS	4.22	5.09
tblVehicleEF	SBUS	12.50	0.73
tblVehicleEF	SBUS	8.8720e-003	3.8040e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	8.6500e-004	4.0000e-005
tblVehicleEF	SBUS	8.4880e-003	3.6400e-003
tblVehicleEF	SBUS	2.6420e-003	2.7440e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	7.9500e-004	3.7000e-005
tblVehicleEF	SBUS	8.3470e-003	1.0580e-003
tblVehicleEF	SBUS	0.04	4.7210e-003
tblVehicleEF	SBUS	0.96	0.22
tblVehicleEF	SBUS	3.1820e-003	4.0400e-004
tblVehicleEF	SBUS	0.13	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.44	0.02
tblVehicleEF	SBUS	0.01	3.4020e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.7700e-004	3.3000e-005
tblVehicleEF	SBUS	8.3470e-003	1.0580e-003
tblVehicleEF	SBUS	0.04	4.7210e-003

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	SBUS	1.39	0.31
tblVehicleEF	SBUS	3.1820e-003	4.0400e-004
tblVehicleEF	SBUS	0.16	0.11
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.48	0.02
tblVehicleEF	SBUS	0.86	0.05
tblVehicleEF	SBUS	0.02	6.7400e-003
tblVehicleEF	SBUS	0.10	5.0170e-003
tblVehicleEF	SBUS	8.20	2.04
tblVehicleEF	SBUS	1.22	0.55
tblVehicleEF	SBUS	13.43	0.83
tblVehicleEF	SBUS	1,063.46	333.15
tblVehicleEF	SBUS	1,066.60	1,081.23
tblVehicleEF	SBUS	54.09	3.96
tblVehicleEF	SBUS	9.34	3.56
tblVehicleEF	SBUS	4.50	5.39
tblVehicleEF	SBUS	12.61	0.73
tblVehicleEF	SBUS	0.01	5.4710e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	8.6500e-004	4.0000e-005
tblVehicleEF	SBUS	0.01	5.2340e-003
tblVehicleEF	SBUS	2.6420e-003	2.7440e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	7.9500e-004	3.7000e-005
tblVehicleEF	SBUS	1.9750e-003	2.4400e-004
tblVehicleEF	SBUS	0.04	4.6390e-003

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	SBUS	0.97	0.22
tblVehicleEF	SBUS	8.4200e-004	1.0400e-004
tblVehicleEF	SBUS	0.12	0.09
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.60	0.03
tblVehicleEF	SBUS	0.01	3.1690e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.7000e-004	3.9000e-005
tblVehicleEF	SBUS	1.9750e-003	2.4400e-004
tblVehicleEF	SBUS	0.04	4.6390e-003
tblVehicleEF	SBUS	1.40	0.32
tblVehicleEF	SBUS	8.4200e-004	1.0400e-004
tblVehicleEF	SBUS	0.15	0.11
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.66	0.03
tblVehicleEF	UBUS	0.28	1.38
tblVehicleEF	UBUS	0.04	2.6650e-003
tblVehicleEF	UBUS	5.43	10.36
tblVehicleEF	UBUS	8.06	0.14
tblVehicleEF	UBUS	2,118.14	1,606.74
tblVehicleEF	UBUS	94.20	1.64
tblVehicleEF	UBUS	11.45	0.73
tblVehicleEF	UBUS	15.24	0.02
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.26	5.2780e-003
tblVehicleEF	UBUS	1.0370e-003	2.0000e-006

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	8.3320e-003
tblVehicleEF	UBUS	0.25	5.0490e-003
tblVehicleEF	UBUS	9.5300e-004	2.0000e-006
tblVehicleEF	UBUS	2.2720e-003	1.7500e-004
tblVehicleEF	UBUS	0.04	2.6930e-003
tblVehicleEF	UBUS	1.0590e-003	1.1000e-004
tblVehicleEF	UBUS	0.72	0.02
tblVehicleEF	UBUS	8.0440e-003	0.02
tblVehicleEF	UBUS	0.55	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.0850e-003	1.6000e-005
tblVehicleEF	UBUS	2.2720e-003	1.7500e-004
tblVehicleEF	UBUS	0.04	2.6930e-003
tblVehicleEF	UBUS	1.0590e-003	1.1000e-004
tblVehicleEF	UBUS	1.05	1.41
tblVehicleEF	UBUS	8.0440e-003	0.02
tblVehicleEF	UBUS	0.61	0.01
tblVehicleEF	UBUS	0.28	1.38
tblVehicleEF	UBUS	0.04	2.3690e-003
tblVehicleEF	UBUS	5.50	10.36
tblVehicleEF	UBUS	6.40	0.11
tblVehicleEF	UBUS	2,118.14	1,606.74
tblVehicleEF	UBUS	94.20	1.60
tblVehicleEF	UBUS	10.98	0.73
tblVehicleEF	UBUS	15.18	0.02
tblVehicleEF	UBUS	0.62	0.07

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.26	5.2780e-003
tblVehicleEF	UBUS	1.0370e-003	2.0000e-006
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	8.3320e-003
tblVehicleEF	UBUS	0.25	5.0490e-003
tblVehicleEF	UBUS	9.5300e-004	2.0000e-006
tblVehicleEF	UBUS	5.4590e-003	3.7600e-004
tblVehicleEF	UBUS	0.05	2.9120e-003
tblVehicleEF	UBUS	2.5450e-003	2.1200e-004
tblVehicleEF	UBUS	0.73	0.02
tblVehicleEF	UBUS	7.4030e-003	0.02
tblVehicleEF	UBUS	0.48	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.0570e-003	1.6000e-005
tblVehicleEF	UBUS	5.4590e-003	3.7600e-004
tblVehicleEF	UBUS	0.05	2.9120e-003
tblVehicleEF	UBUS	2.5450e-003	2.1200e-004
tblVehicleEF	UBUS	1.07	1.41
tblVehicleEF	UBUS	7.4030e-003	0.02
tblVehicleEF	UBUS	0.53	0.01
tblVehicleEF	UBUS	0.27	1.38
tblVehicleEF	UBUS	0.05	2.9130e-003
tblVehicleEF	UBUS	5.39	10.36
tblVehicleEF	UBUS	9.65	0.16
tblVehicleEF	UBUS	2,118.14	1,606.74
tblVehicleEF	UBUS	94.20	1.68

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleEF	UBUS	11.63	0.73
tblVehicleEF	UBUS	15.29	0.02
tblVehicleEF	UBUS	0.62	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.26	5.2780e-003
tblVehicleEF	UBUS	1.0370e-003	2.0000e-006
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	8.3320e-003
tblVehicleEF	UBUS	0.25	5.0490e-003
tblVehicleEF	UBUS	9.5300e-004	2.0000e-006
tblVehicleEF	UBUS	1.1910e-003	1.0400e-004
tblVehicleEF	UBUS	0.05	2.7720e-003
tblVehicleEF	UBUS	5.3700e-004	6.7000e-005
tblVehicleEF	UBUS	0.71	0.02
tblVehicleEF	UBUS	9.8390e-003	0.02
tblVehicleEF	UBUS	0.62	0.01
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	1.1120e-003	1.7000e-005
tblVehicleEF	UBUS	1.1910e-003	1.0400e-004
tblVehicleEF	UBUS	0.05	2.7720e-003
tblVehicleEF	UBUS	5.3700e-004	6.7000e-005
tblVehicleEF	UBUS	1.04	1.41
tblVehicleEF	UBUS	9.8390e-003	0.02
tblVehicleEF	UBUS	0.68	0.01
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CNW_TTP	19.00	100.00

## 2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	22.75	140.21
tblVehicleTrips	ST_TR	2.46	25.86
tblVehicleTrips	ST_TR	1.68	0.23
tblVehicleTrips	SU_TR	16.74	140.21
tblVehicleTrips	SU_TR	1.05	25.86
tblVehicleTrips	SU_TR	1.68	0.23
tblVehicleTrips	WD_TR	1.89	140.21
tblVehicleTrips	WD_TR	11.03	25.86
tblVehicleTrips	WD_TR	1.68	0.23

## 2.0 Emissions Summary

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2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

**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	2.8206	5.0000e-004	0.0548	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1170	0.1170	3.1000e-004		0.1248
Energy	0.0162	0.1474	0.1238	8.8000e-004		0.0112	0.0112		0.0112	0.0112		176.9102	176.9102	3.3900e-003	3.2400e-003	177.9614
Mobile	1.4005	5.2450	10.8719	0.0498	3.9328	0.0718	4.0047	1.0664	0.0681	1.1345		5,094.1867	5,094.1867	0.1234		5,097.2722
<b>Total</b>	<b>4.2374</b>	<b>5.3929</b>	<b>11.0505</b>	<b>0.0507</b>	<b>3.9328</b>	<b>0.0832</b>	<b>4.0161</b>	<b>1.0664</b>	<b>0.0795</b>	<b>1.1459</b>		<b>5,271.2138</b>	<b>5,271.2138</b>	<b>0.1271</b>	<b>3.2400e-003</b>	<b>5,275.3584</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	lb/day										lb/day					
Area	2.8206	5.0000e-004	0.0548	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1170	0.1170	3.1000e-004		0.1248
Energy	0.0114	0.1038	0.0872	6.2000e-004		7.8900e-003	7.8900e-003		7.8900e-003	7.8900e-003		124.5531	124.5531	2.3900e-003	2.2800e-003	125.2933
Mobile	1.4005	5.2450	10.8719	0.0498	3.9328	0.0718	4.0047	1.0664	0.0681	1.1345		5,094.1867	5,094.1867	0.1234		5,097.2722
<b>Total</b>	<b>4.2326</b>	<b>5.3493</b>	<b>11.0139</b>	<b>0.0504</b>	<b>3.9328</b>	<b>0.0799</b>	<b>4.0127</b>	<b>1.0664</b>	<b>0.0762</b>	<b>1.1426</b>		<b>5,218.8568</b>	<b>5,218.8568</b>	<b>0.1261</b>	<b>2.2800e-003</b>	<b>5,222.6902</b>

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

	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	0.11	0.81	0.33	0.51	0.00	3.98	0.08	0.00	4.16	0.29	0.00	0.99	0.99	0.79	29.63	1.00

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	1/16/2021	1/18/2021	5	300	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 9.77

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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

#### Trips and VMT

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

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
Building Construction	9	249.00	98.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 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					
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>

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

**3.2 Building Construction - 2021**

**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
Vendor	0.3310	10.0514	2.8749	0.0261	0.6635	0.0227	0.6863	0.1910	0.0218	0.2128		2,756.4506	2,756.4506	0.1270		2,759.6265
Worker	0.8544	0.5802	5.7929	0.0179	2.0455	0.0124	2.0579	0.5426	0.0114	0.5540		1,779.7727	1,779.7727	0.0409		1,780.7941
<b>Total</b>	<b>1.1854</b>	<b>10.6316</b>	<b>8.6678</b>	<b>0.0439</b>	<b>2.7090</b>	<b>0.0352</b>	<b>2.7442</b>	<b>0.7336</b>	<b>0.0332</b>	<b>0.7668</b>		<b>4,536.2232</b>	<b>4,536.2232</b>	<b>0.1679</b>		<b>4,540.4206</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>

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**3.2 Building Construction - 2021**

**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
Vendor	0.3310	10.0514	2.8749	0.0261	0.6351	0.0227	0.6579	0.1841	0.0218	0.2058		2,756.4506	2,756.4506	0.1270		2,759.6265
Worker	0.8544	0.5802	5.7929	0.0179	1.9388	0.0124	1.9512	0.5164	0.0114	0.5278		1,779.7727	1,779.7727	0.0409		1,780.7941
<b>Total</b>	<b>1.1854</b>	<b>10.6316</b>	<b>8.6678</b>	<b>0.0439</b>	<b>2.5740</b>	<b>0.0352</b>	<b>2.6091</b>	<b>0.7004</b>	<b>0.0332</b>	<b>0.7336</b>		<b>4,536.2232</b>	<b>4,536.2232</b>	<b>0.1679</b>		<b>4,540.4206</b>

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

2256 Junction Ave - Proposed Project (Operations Only) - Santa Clara County, Winter

	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	1.4005	5.2450	10.8719	0.0498	3.9328	0.0718	4.0047	1.0664	0.0681	1.1345		5,094.1867	5,094.1867	0.1234		5,097.2722
Unmitigated	1.4005	5.2450	10.8719	0.0498	3.9328	0.0718	4.0047	1.0664	0.0681	1.1345		5,094.1867	5,094.1867	0.1234		5,097.2722

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	201.91	201.91	201.91	536,512	536,512
General Office Building	350.95	350.95	350.95	1,213,579	1,213,579
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	22.00	22.00	22.00	58,460	58,460
<b>Total</b>	<b>574.86</b>	<b>574.86</b>	<b>574.86</b>	<b>1,808,552</b>	<b>1,808,552</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	0.00	0.00	100.00	100	0	0
General Office Building	9.50	7.30	7.30	100.00	0.00	0.00	100	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unenclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	9.50	7.30	7.30	0.00	0.00	100.00	100	0	0

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**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
General Office Building	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
Unenclosed Parking Structure	0.607897	0.037434	0.184004	0.107261	0.014919	0.004991	0.012447	0.020659	0.002115	0.001554	0.005334	0.000623	0.000761
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.131008	0.326719	0.542274	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Exceed Title 24

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					
NaturalGas Mitigated	0.0114	0.1038	0.0872	6.2000e-004		7.8900e-003	7.8900e-003		7.8900e-003	7.8900e-003		124.5531	124.5531	2.3900e-003	2.2800e-003	125.2933
NaturalGas Unmitigated	0.0162	0.1474	0.1238	8.8000e-004		0.0112	0.0112		0.0112	0.0112		176.9102	176.9102	3.3900e-003	3.2400e-003	177.9614



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**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
General Office Building	608.695	6.5600e-003	0.0597	0.0501	3.6000e-004		4.5400e-003	4.5400e-003		4.5400e-003	4.5400e-003		71.6112	71.6112	1.3700e-003	1.3100e-003	72.0367
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
Unenclosed Parking Structure	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 Rail	895.041	9.6500e-003	0.0878	0.0737	5.3000e-004		6.6700e-003	6.6700e-003		6.6700e-003	6.6700e-003		105.2990	105.2990	2.0200e-003	1.9300e-003	105.9247
<b>Total</b>		<b>0.0162</b>	<b>0.1474</b>	<b>0.1238</b>	<b>8.9000e-004</b>		<b>0.0112</b>	<b>0.0112</b>		<b>0.0112</b>	<b>0.0112</b>		<b>176.9102</b>	<b>176.9102</b>	<b>3.3900e-003</b>	<b>3.2400e-003</b>	<b>177.9614</b>

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**5.2 Energy by Land Use - NaturalGas**

**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					
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
General Office Building	0.426756	4.6000e-003	0.0418	0.0351	2.5000e-004		3.1800e-003	3.1800e-003		3.1800e-003	3.1800e-003		50.2066	50.2066	9.6000e-004	9.2000e-004	50.5049
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
Unenclosed Parking Structure	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 Rail	0.631946	6.8200e-003	0.0620	0.0520	3.7000e-004		4.7100e-003	4.7100e-003		4.7100e-003	4.7100e-003		74.3465	74.3465	1.4200e-003	1.3600e-003	74.7884
<b>Total</b>		<b>0.0114</b>	<b>0.1038</b>	<b>0.0872</b>	<b>6.2000e-004</b>		<b>7.8900e-003</b>	<b>7.8900e-003</b>		<b>7.8900e-003</b>	<b>7.8900e-003</b>		<b>124.5531</b>	<b>124.5531</b>	<b>2.3800e-003</b>	<b>2.2800e-003</b>	<b>125.2933</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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	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	2.8206	5.0000e-004	0.0548	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1170	0.1170	3.1000e-004		0.1248
Unmitigated	2.8206	5.0000e-004	0.0548	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1170	0.1170	3.1000e-004		0.1248

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	0.3564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4591					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.1200e-003	5.0000e-004	0.0548	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1170	0.1170	3.1000e-004		0.1248
<b>Total</b>	<b>2.8206</b>	<b>5.0000e-004</b>	<b>0.0548</b>	<b>0.0000</b>		<b>2.0000e-004</b>	<b>2.0000e-004</b>		<b>2.0000e-004</b>	<b>2.0000e-004</b>		<b>0.1170</b>	<b>0.1170</b>	<b>3.1000e-004</b>		<b>0.1248</b>

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**6.2 Area by SubCategory**

**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	0.3564					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.4591					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.1200e-003	5.0000e-004	0.0548	0.0000		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004		0.1170	0.1170	3.1000e-004		0.1248
<b>Total</b>	<b>2.8206</b>	<b>5.0000e-004</b>	<b>0.0548</b>	<b>0.0000</b>		<b>2.0000e-004</b>	<b>2.0000e-004</b>		<b>2.0000e-004</b>	<b>2.0000e-004</b>		<b>0.1170</b>	<b>0.1170</b>	<b>3.1000e-004</b>		<b>0.1248</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

- Institute Recycling and Composting Services

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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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